

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077295.D
 Acq On : 11 Apr 2023 11:23
 Operator : JC\MD
 Sample : VN0411WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2023
 Supervised By : Mahesh Dadoda 04/12/2023

Quant Time: Apr 12 04:37:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.225	168	458843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	886274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	817262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	342210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	323684	51.615	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.220%			
35) Dibromofluoromethane	8.172	113	287459	50.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	10.566	98	1155874	50.607	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.220%			
62) 4-Bromofluorobenzene	12.848	95	385271	50.718	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	110595	18.884	ug/l	92
3) Chloromethane	2.372	50	127368	17.550	ug/l	99
4) Vinyl Chloride	2.525	62	180437	18.337	ug/l	97
5) Bromomethane	2.960	94	130022	18.227	ug/l	97
6) Chloroethane	3.131	64	128709	18.328	ug/l	98
7) Trichlorofluoromethane	3.502	101	169493	19.865	ug/l	95
8) Diethyl Ether	3.972	74	70844	19.814	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	104109	19.938	ug/l	99
10) Methyl Iodide	4.596	142	123067	19.379	ug/l	96
11) Tert butyl alcohol	5.525	59	120569	94.221	ug/l	98
12) 1,1-Dichloroethene	4.354	96	103480	19.252	ug/l	91
13) Acrolein	4.184	56	126292	104.206	ug/l	96
14) Allyl chloride	5.031	41	137004	16.876	ug/l	94
15) Acrylonitrile	5.731	53	280994	99.327	ug/l	100
16) Acetone	4.437	43	233004	100.771	ug/l	98
17) Carbon Disulfide	4.719	76	271278	18.716	ug/l	97
18) Methyl Acetate	5.031	43	169485	19.246	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	388635	20.377	ug/l	98
20) Methylene Chloride	5.290	84	125661	19.243	ug/l	92
21) trans-1,2-Dichloroethene	5.796	96	116030	19.716	ug/l	97
22) Diisopropyl ether	6.678	45	319320	19.620	ug/l	95
23) Vinyl Acetate	6.613	43	1079823	98.125	ug/l	99
24) 1,1-Dichloroethane	6.578	63	201833	19.204	ug/l	99
25) 2-Butanone	7.490	43	357939	95.383	ug/l	99
26) 2,2-Dichloropropane	7.495	77	193891	20.119	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	141622	19.706	ug/l	97
28) Bromochloromethane	7.819	49	88310	20.889	ug/l	98
29) Tetrahydrofuran	7.842	42	220003	91.201	ug/l	94
30) Chloroform	7.972	83	222899	19.888	ug/l	98
31) Cyclohexane	8.260	56	182645	18.743	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	202018	19.820	ug/l	97
36) 1,1-Dichloropropene	8.378	75	158921	18.939	ug/l	97
37) Ethyl Acetate	7.566	43	152491	20.311	ug/l	98
38) Carbon Tetrachloride	8.366	117	169052	19.664	ug/l	97
39) Methylcyclohexane	9.607	83	223031	19.711	ug/l	94
40) Benzene	8.613	78	505313	19.306	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	79345	19.661	ug/l	98
42) 1,2-Dichloroethane	8.672	62	159941	19.855	ug/l	97
43) Isopropyl Acetate	8.695	43	264000	19.056	ug/l	98
44) Trichloroethene	9.354	130	125013	19.962	ug/l	97
45) 1,2-Dichloropropane	9.625	63	125845	20.245	ug/l	100
46) Dibromomethane	9.713	93	90945	19.418	ug/l	98
47) Bromodichloromethane	9.889	83	183324	19.584	ug/l	99
48) Methyl methacrylate	9.684	41	111258	18.826	ug/l	96
49) 1,4-Dioxane	9.695	88	55166	385.017	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	796008	99.404	ug/l	99
52) Toluene	10.631	92	339380	19.810	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	205895	20.255	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	211693	19.551	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	132341	19.679	ug/l	97
56) Ethyl methacrylate	10.878	69	207297	19.790	ug/l	98
57) 1,3-Dichloropropane	11.166	76	225317	20.280	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.160	63	306582	98.323	ug/l	98
59) 2-Hexanone	11.195	43	585988	98.225	ug/l	100
60) Dibromochloromethane	11.360	129	144338	20.839	ug/l	99
61) 1,2-Dibromoethane	11.472	107	138535	20.639	ug/l	99
64) Tetrachloroethene	11.107	164	100699	19.946	ug/l	95
65) Chlorobenzene	11.895	112	358199	19.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	133735	19.644	ug/l	99
67) Ethyl Benzene	11.966	91	644231	19.403	ug/l	98
68) m/p-Xylenes	12.072	106	505446	38.743	ug/l	99
69) o-Xylene	12.401	106	252500	19.619	ug/l	98
70) Styrene	12.413	104	401693	19.395	ug/l	99
71) Bromoform	12.583	173	93574	19.526	ug/l #	100
73) Isopropylbenzene	12.701	105	638418	19.207	ug/l	99
74) N-amyl acetate	12.495	43	225626	17.912	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.936	83	204682	19.622	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	148416m	18.213	ug/l	
77) Bromobenzene	12.983	156	133551	19.761	ug/l	97
78) n-propylbenzene	13.036	91	716155	19.500	ug/l	99
79) 2-Chlorotoluene	13.124	91	424383	19.191	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	527969	19.887	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	75772	20.924	ug/l #	83
82) 4-Chlorotoluene	13.224	91	413086	19.812	ug/l	99
83) tert-Butylbenzene	13.442	119	457288	19.352	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	516602	19.697	ug/l	100
85) sec-Butylbenzene	13.619	105	654859	19.885	ug/l	99
86) p-Isopropyltoluene	13.730	119	515057	19.900	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	247513	19.795	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	239574	19.430	ug/l	97
89) n-Butylbenzene	14.060	91	433571	20.179	ug/l	98
90) Hexachloroethane	14.336	117	109421	19.336	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	245260	19.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	37560	19.000	ug/l	96
93) 1,2,4-Trichlorobenzene	15.365	180	82650	18.304	ug/l	98
94) Hexachlorobutadiene	15.465	225	49673	19.004	ug/l	98
95) Naphthalene	15.589	128	324955	19.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	83492	19.331	ug/l	96

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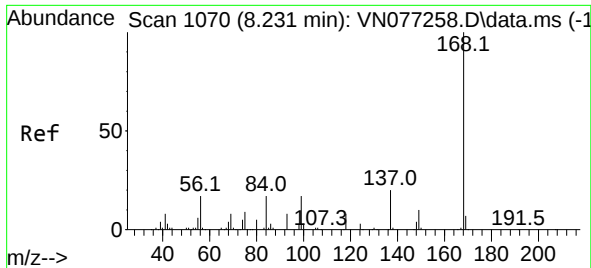
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

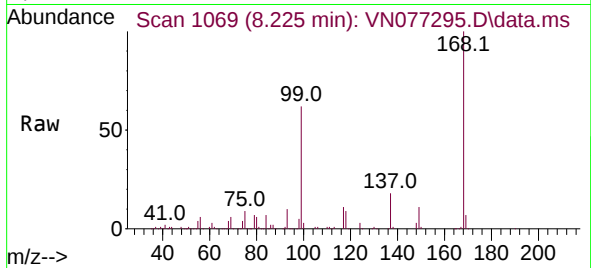
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VN077295.D
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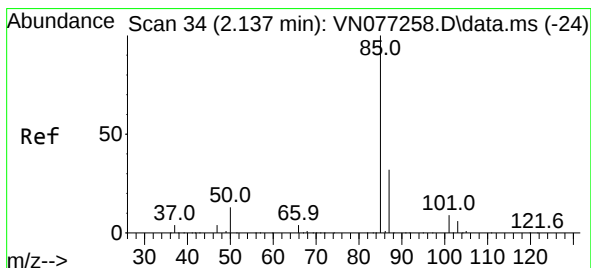
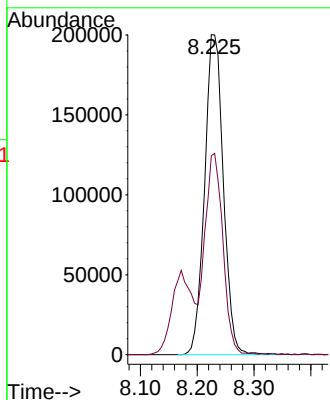
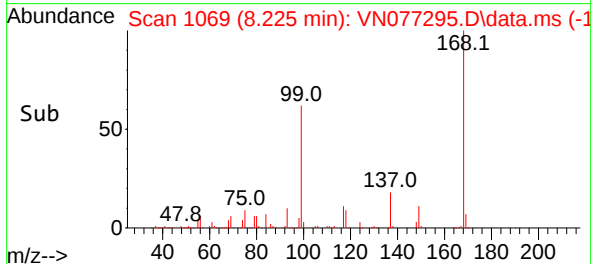
Instrument :
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ClientSampleId :
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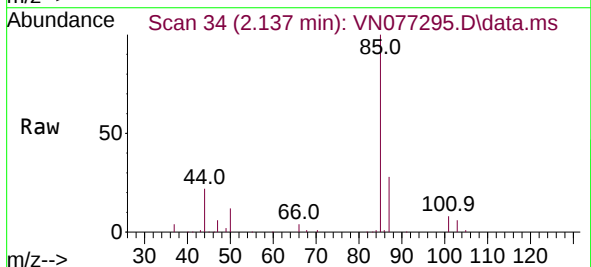
Tgt Ion:168 Resp: 45884
Ion Ratio Lower Upper
168 100
99 62.2 50.6 75.8

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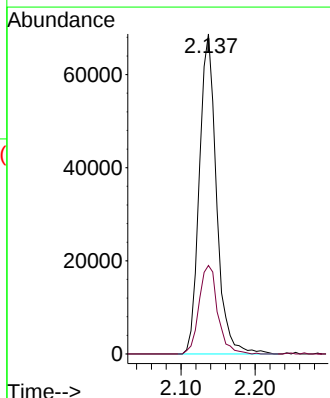
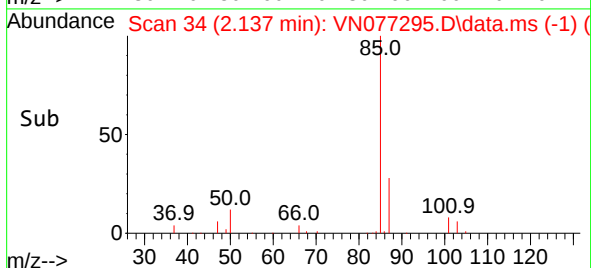
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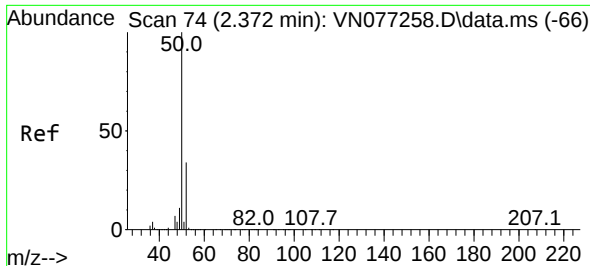


#2
Dichlorodifluoromethane
Concen: 18.884 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



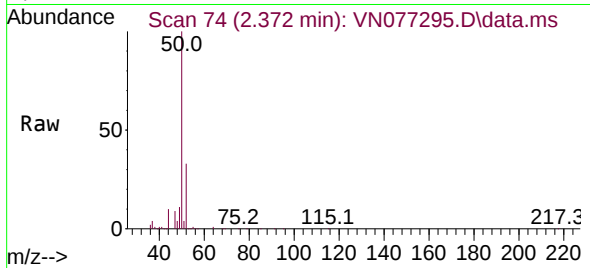
Tgt Ion: 85 Resp: 110595
Ion Ratio Lower Upper
85 100
87 27.7 16.1 48.2





#3
Chloromethane
Concen: 17.550 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

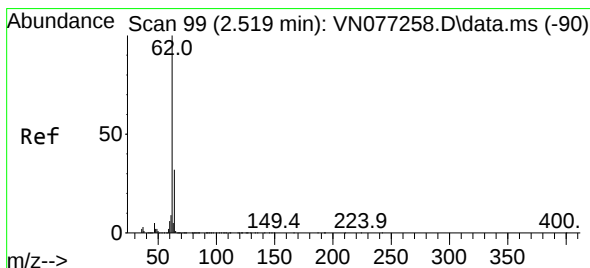
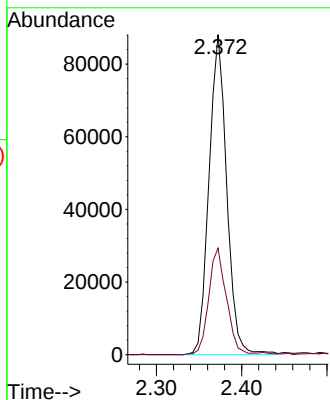
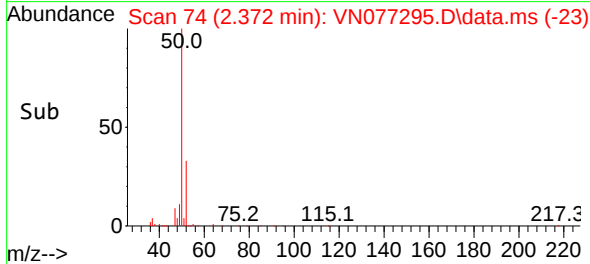
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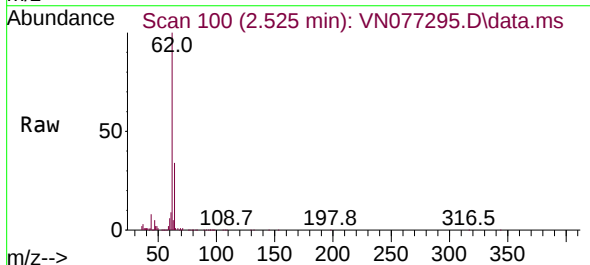
Tgt Ion: 50 Resp: 127368
Ion Ratio Lower Upper
50 100
52 33.3 27.3 40.9

Manual Integrations
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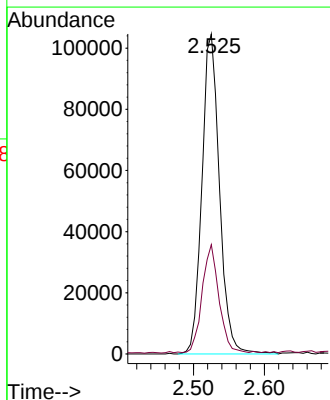
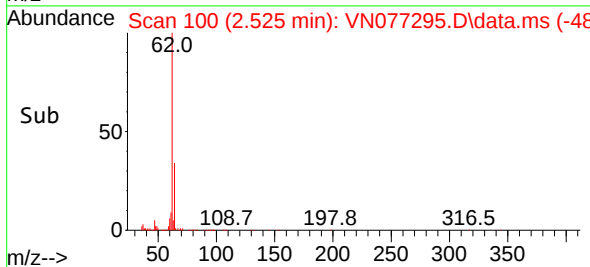
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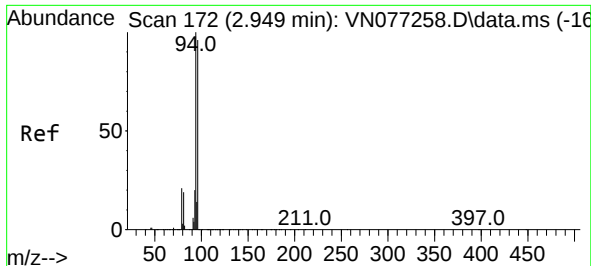


#4
Vinyl Chloride
Concen: 18.337 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



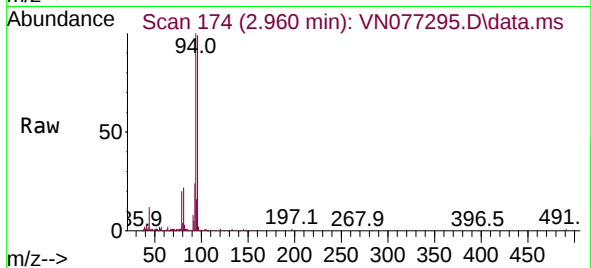
Tgt Ion: 62 Resp: 180437
Ion Ratio Lower Upper
62 100
64 33.7 25.8 38.8





#5
Bromomethane
Concen: 18.227 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

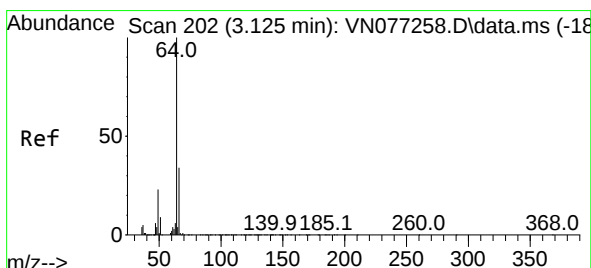
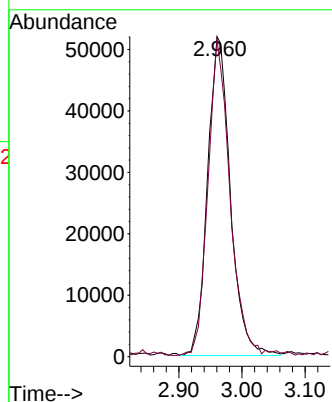
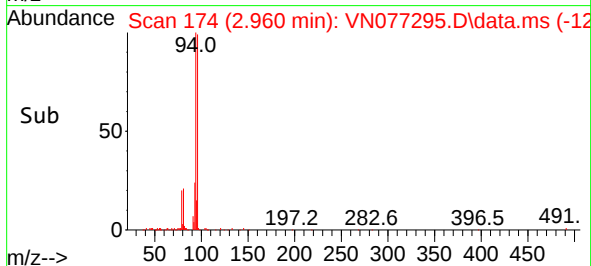
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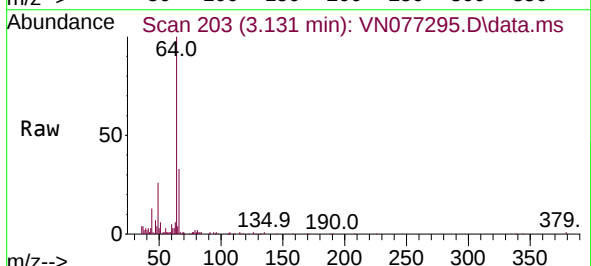
Tgt Ion: 94 Resp: 13002
Ion Ratio Lower Upper
94 100
96 98.7 77.0 115.4

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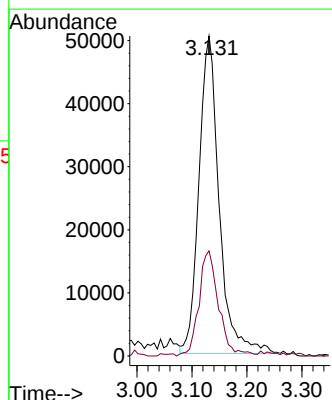
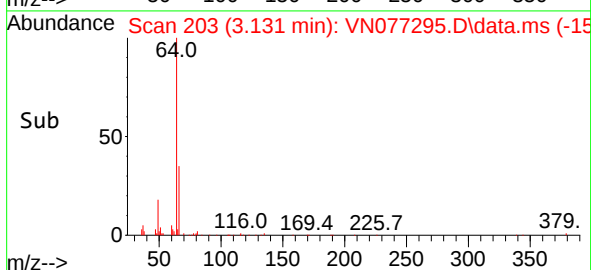
Reviewed By :John Carlone 04/12/2023
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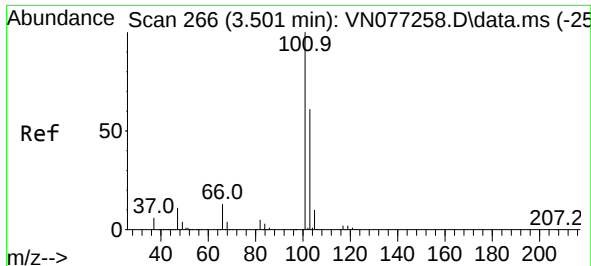


#6
Chloroethane
Concen: 18.328 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



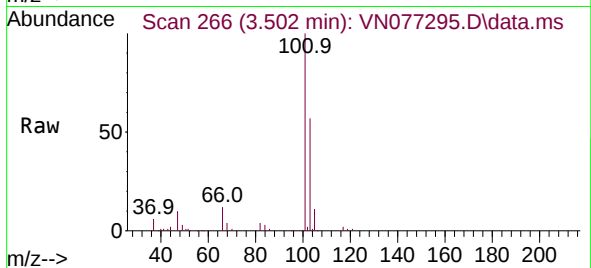
Tgt Ion: 64 Resp: 128709
Ion Ratio Lower Upper
64 100
66 32.7 26.9 40.3





#7
Trichlorofluoromethane
Concen: 19.865 ug/l
RT: 3.502 min Scan# 266
Delta R.T. 0.001 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

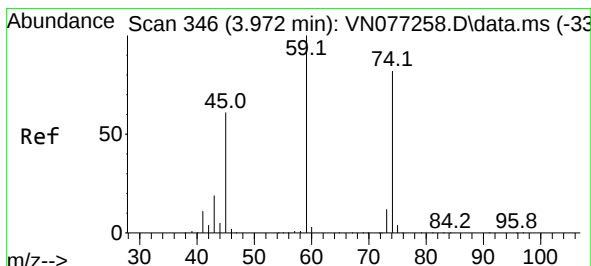
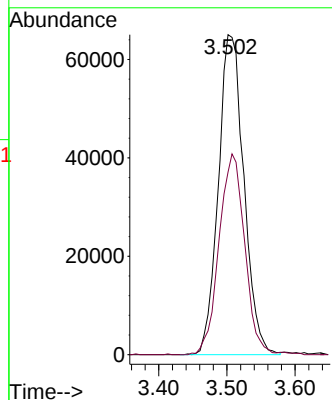
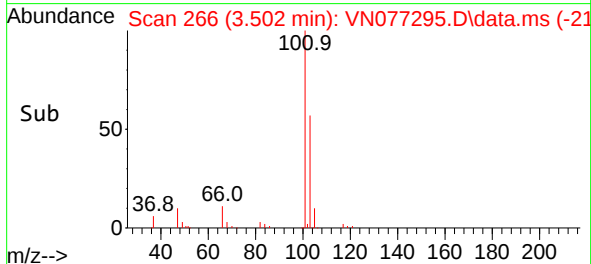
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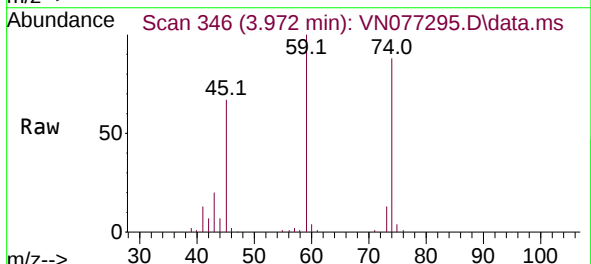
Tgt Ion:101 Resp: 16949
Ion Ratio Lower Upper
101 100
103 57.1 49.0 73.4

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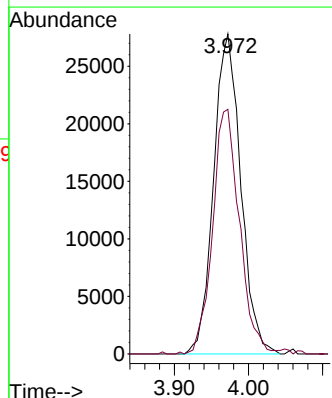
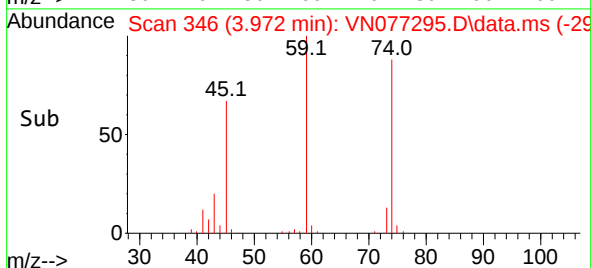
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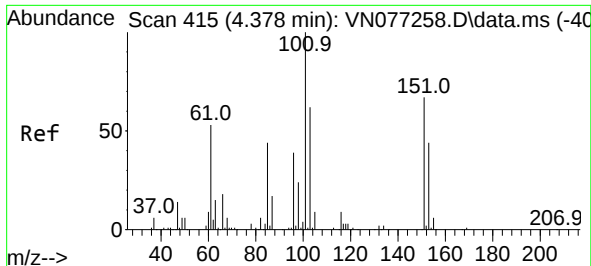


#8
Diethyl Ether
Concen: 19.814 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 70844
Ion Ratio Lower Upper
74 100
45 75.6 37.8 113.4





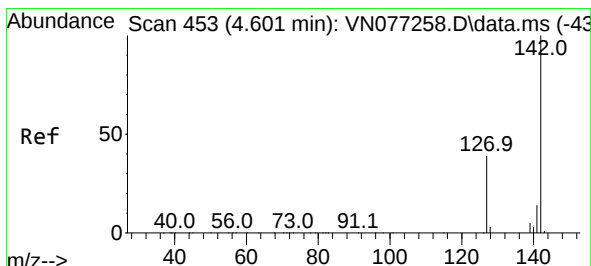
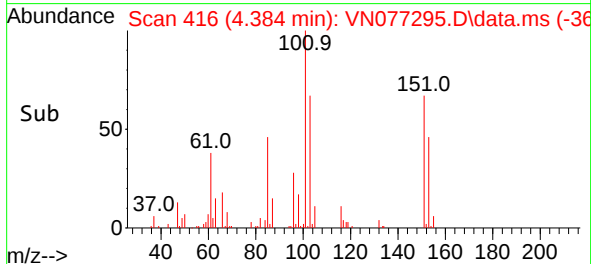
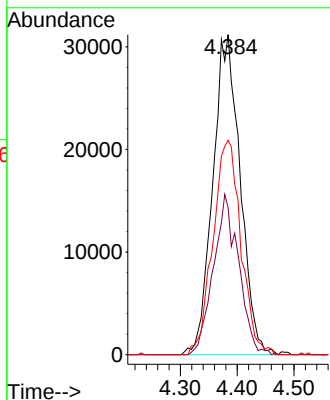
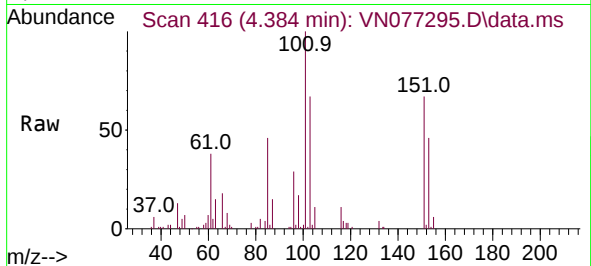
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.938 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:101 Resp: 104109
Ion Ratio Lower Upper
101 100
85 46.3 37.3 55.9
151 68.6 56.3 84.5

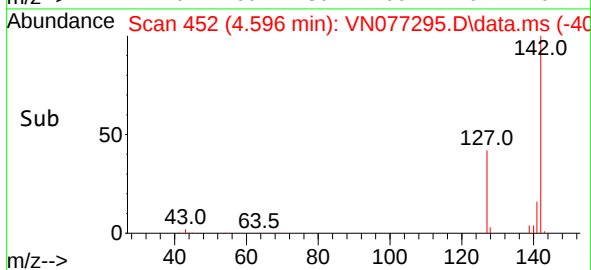
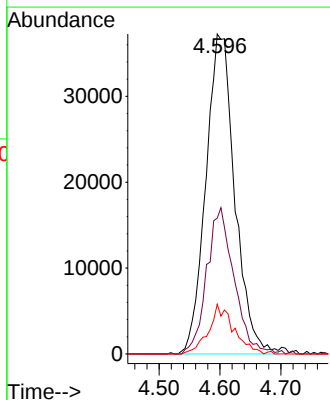
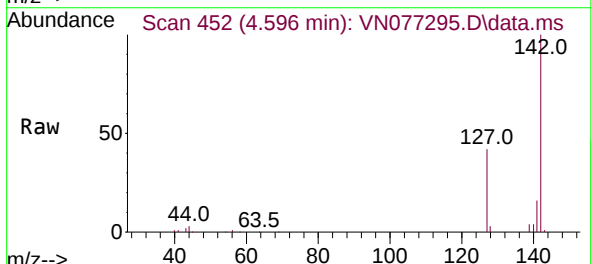
Manual Integrations
APPROVED

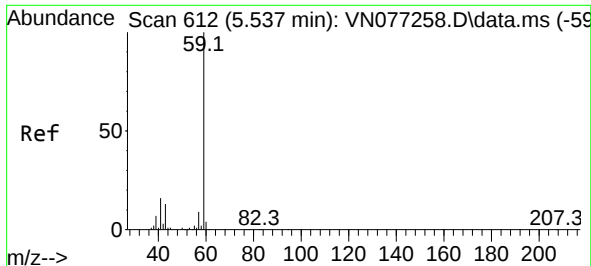
Reviewed By :John Carbone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#10
Methyl Iodide
Concen: 19.379 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

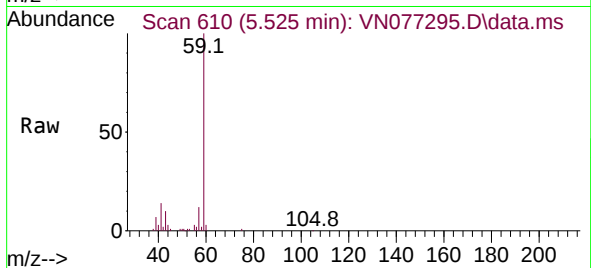
Tgt Ion:142 Resp: 123067
Ion Ratio Lower Upper
142 100
127 42.4 31.5 47.3
141 15.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 94.221 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

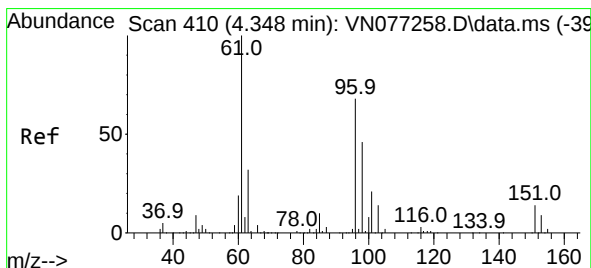
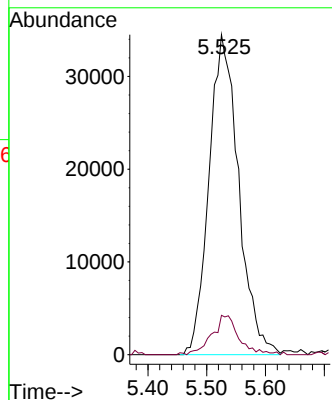
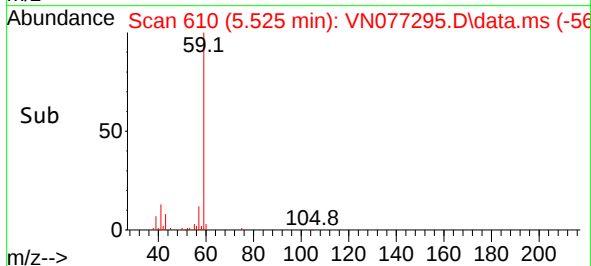
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 59 Resp: 120569
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5

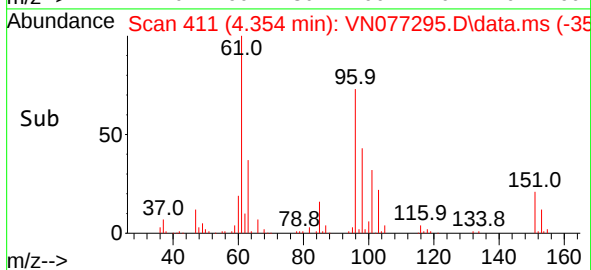
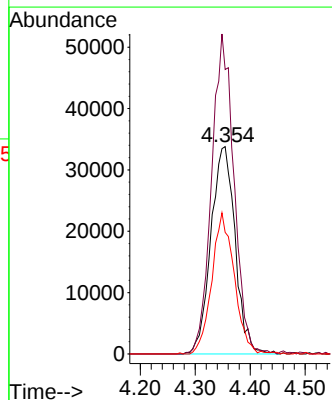
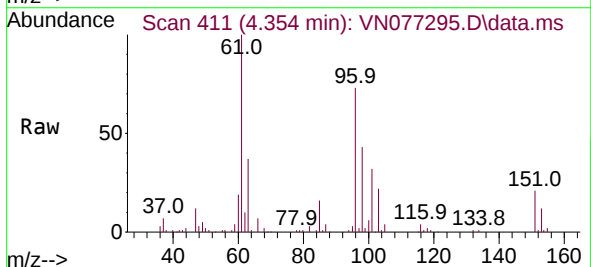
Manual Integrations
APPROVED

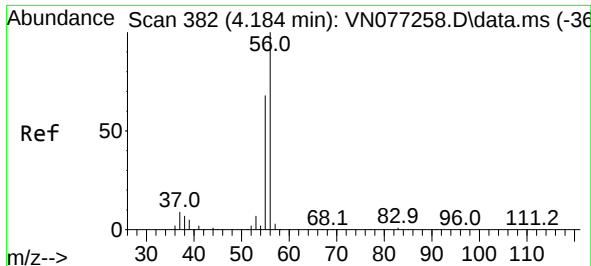
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#12
1,1-Dichloroethene
Concen: 19.252 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

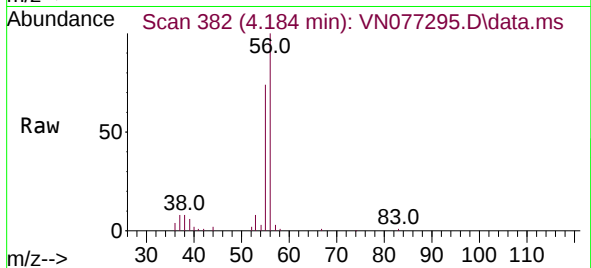
Tgt Ion: 96 Resp: 103480
Ion Ratio Lower Upper
96 100
61 137.2 118.3 177.5
98 58.7 54.5 81.7





#13
Acrolein
Concen: 104.206 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

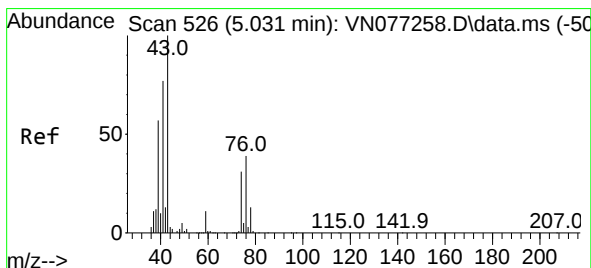
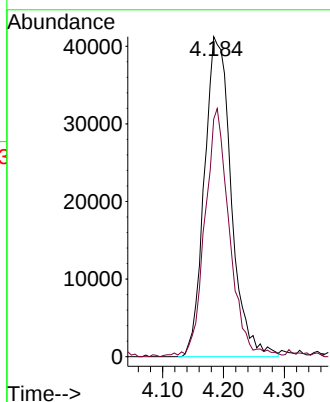
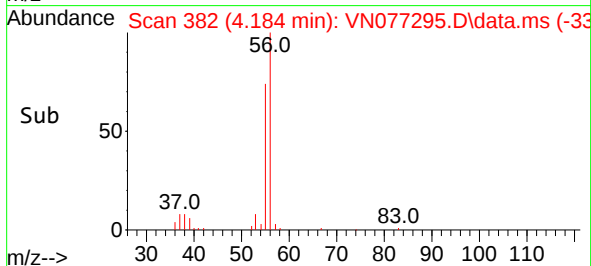
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 56 Resp: 126292
Ion Ratio Lower Upper
56 100
55 71.2 54.2 81.2

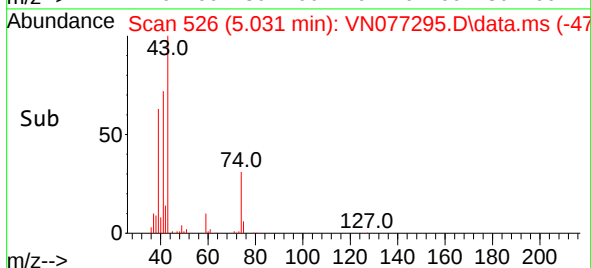
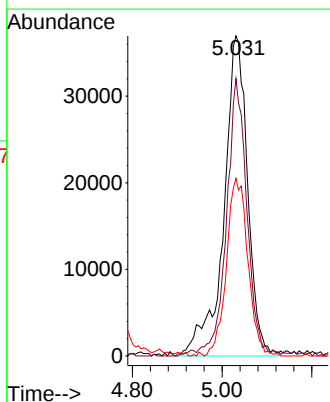
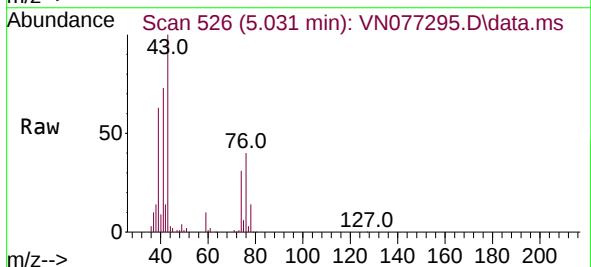
Manual Integrations
APPROVED

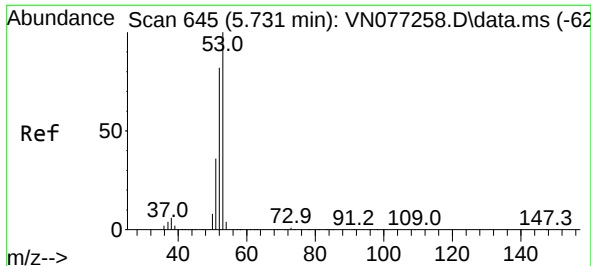
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#14
Allyl chloride
Concen: 16.876 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

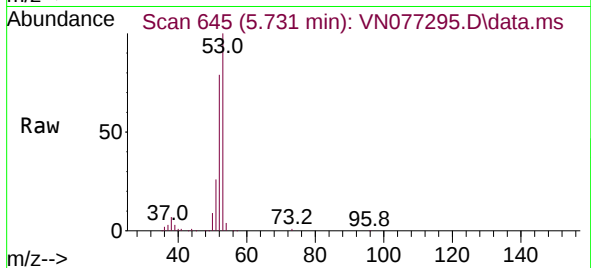
Tgt Ion: 41 Resp: 137004
Ion Ratio Lower Upper
41 100
39 71.7 55.0 82.4
76 49.8 35.4 53.2





#15
Acrylonitrile
Concen: 99.327 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

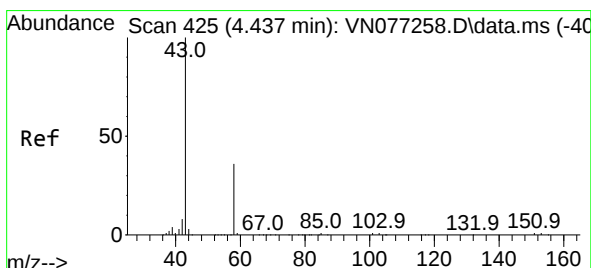
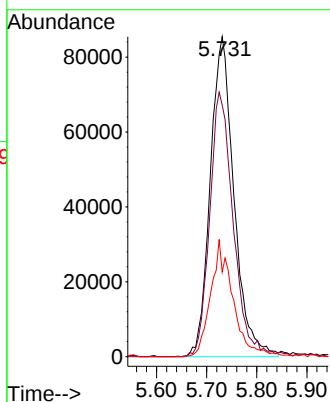
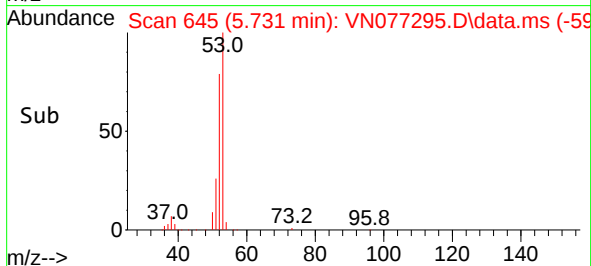
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



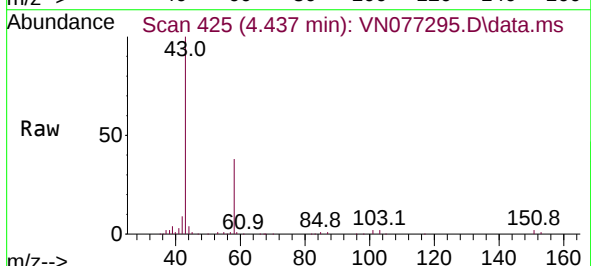
Tgt Ion: 53 Resp: 280994
Ion Ratio Lower Upper
53 100
52 81.6 65.2 97.8
51 34.3 28.1 42.1

Manual Integrations
APPROVED

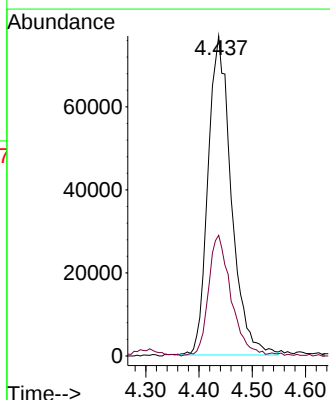
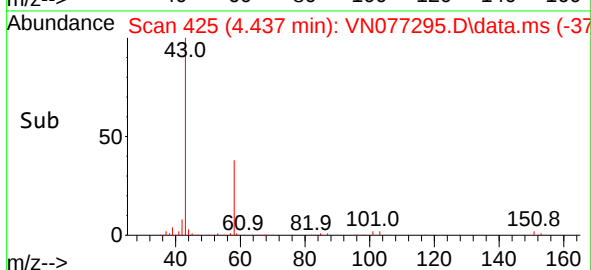
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

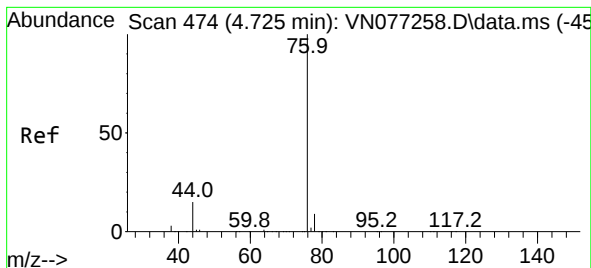


#16
Acetone
Concen: 100.771 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



Tgt Ion: 43 Resp: 233004
Ion Ratio Lower Upper
43 100
58 37.2 29.0 43.6





#17

Carbon Disulfide

Concen: 18.716 ug/l

RT: 4.719 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 76 Resp: 271278

Ion Ratio Lower Upper

76 100

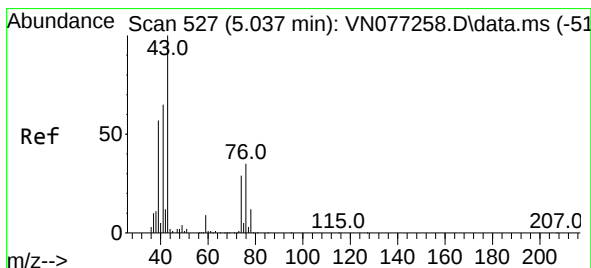
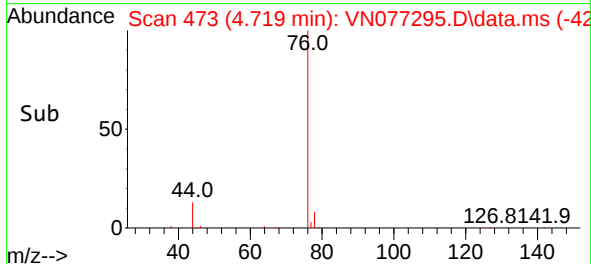
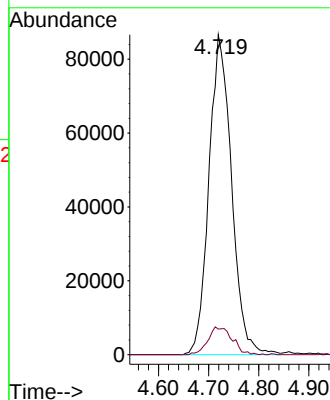
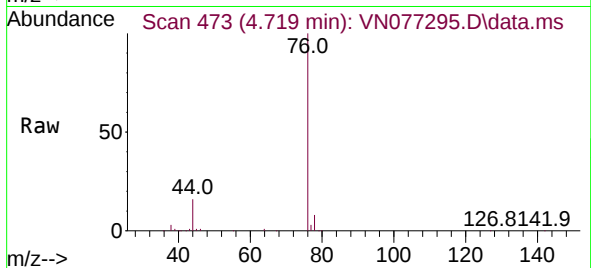
78 8.0 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#18

Methyl Acetate

Concen: 19.246 ug/l

RT: 5.031 min Scan# 526

Delta R.T. -0.006 min

Lab File: VN077295.D

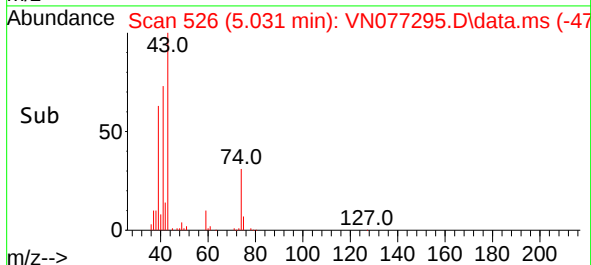
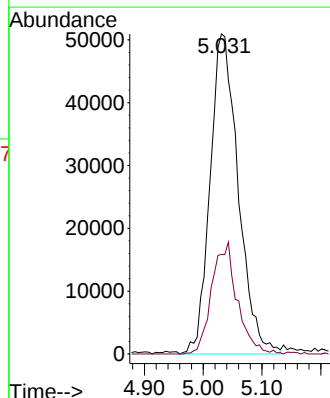
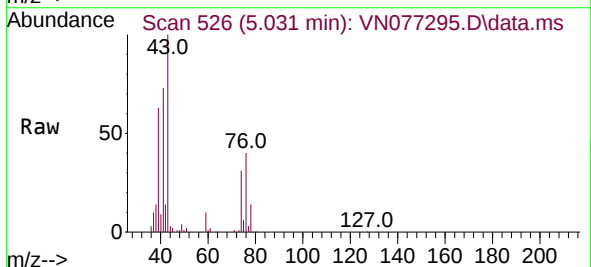
Acq: 11 Apr 2023 11:23

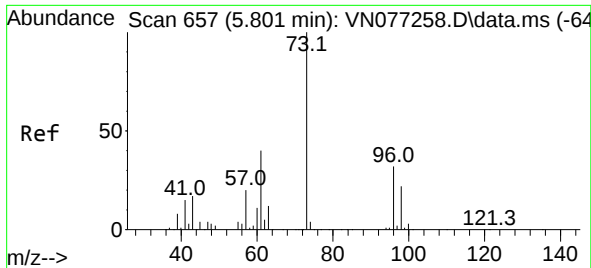
Tgt Ion: 43 Resp: 169485

Ion Ratio Lower Upper

43 100

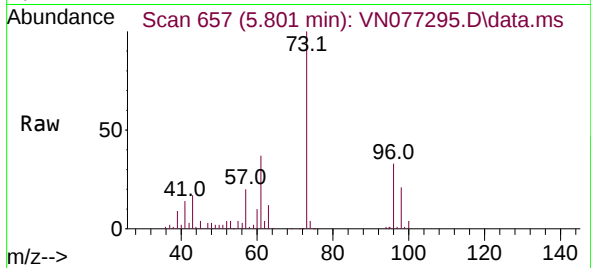
74 31.5 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 20.377 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

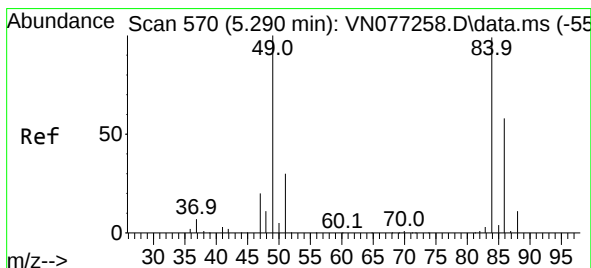
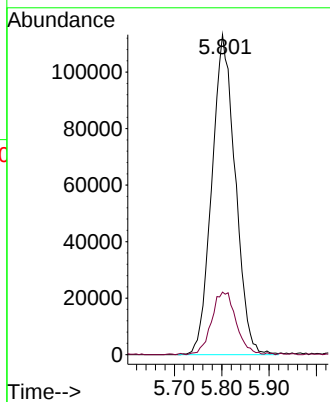
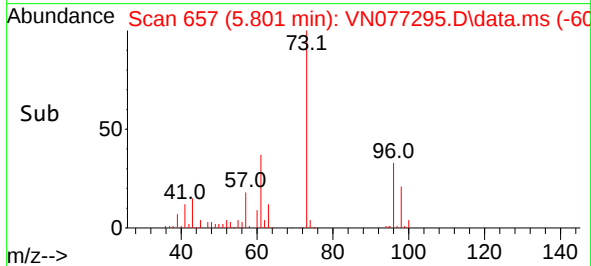
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 73 Resp: 38863
Ion Ratio Lower Upper
73 100
57 19.4 16.2 24.4

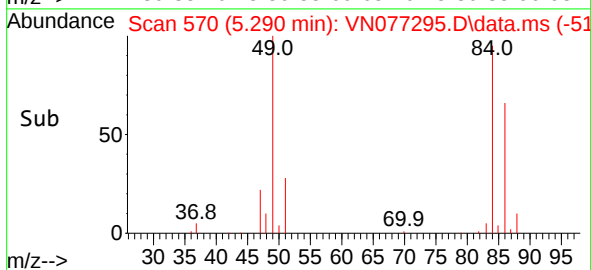
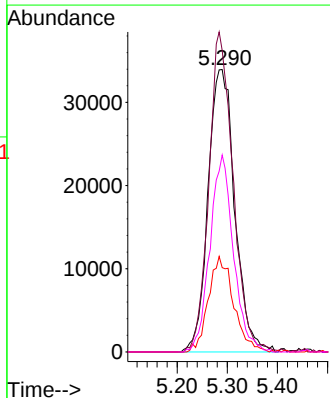
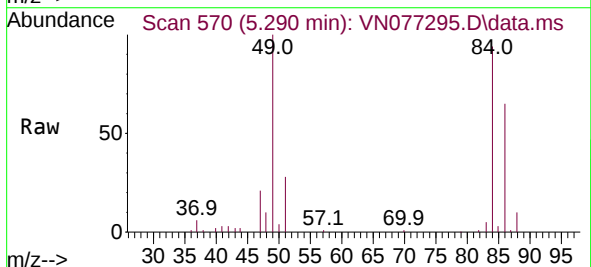
Manual Integrations
APPROVED

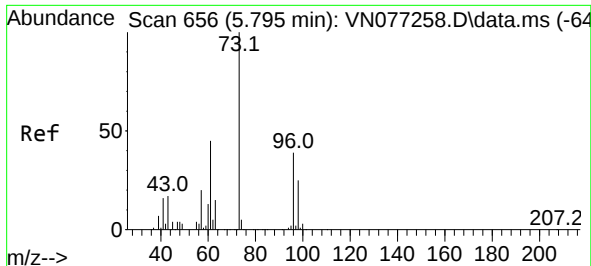
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#20
Methylene Chloride
Concen: 19.243 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

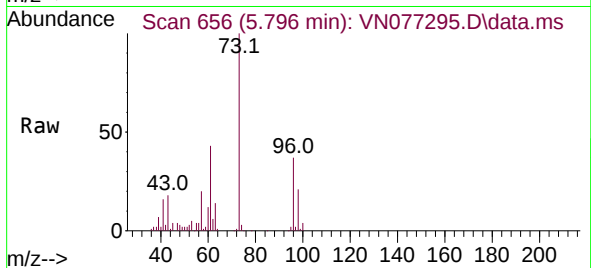
Tgt Ion: 84 Resp: 125661
Ion Ratio Lower Upper
84 100
49 106.7 80.6 121.0
51 29.8 24.4 36.6
86 69.7 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 19.716 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

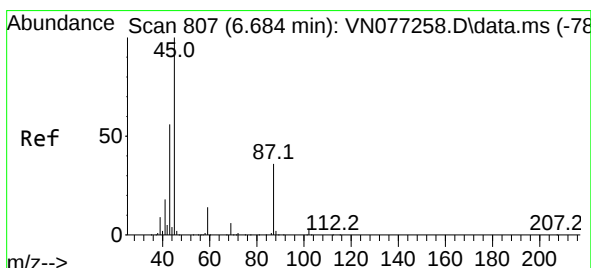
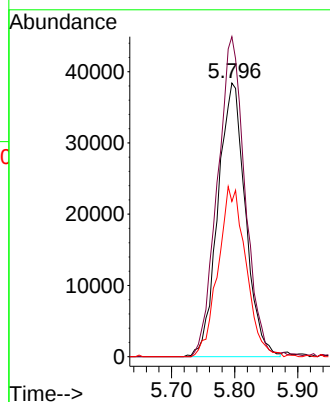
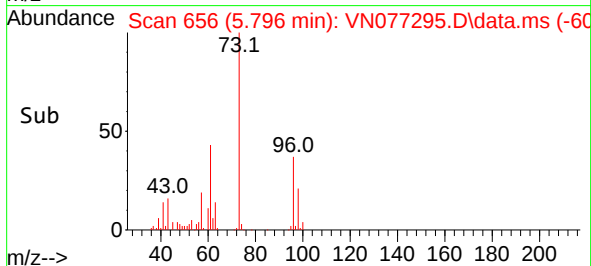
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 96 Resp: 116030
Ion Ratio Lower Upper
96 100
61 116.9 93.8 140.6
98 56.7 50.9 76.3

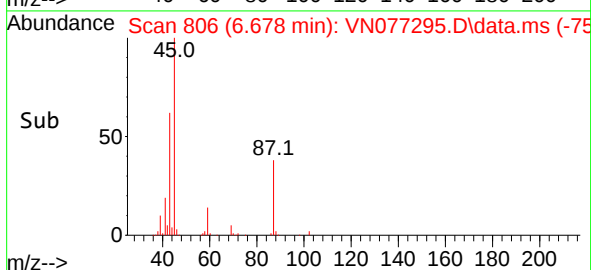
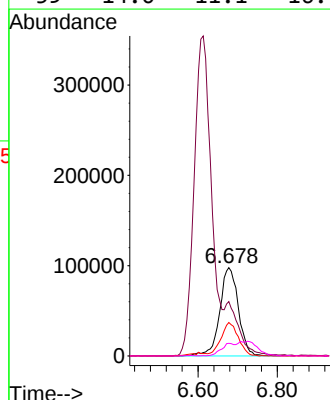
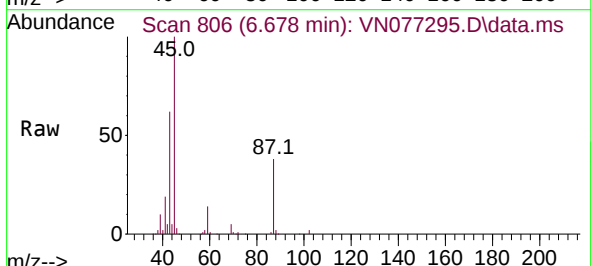
Manual Integrations
APPROVED

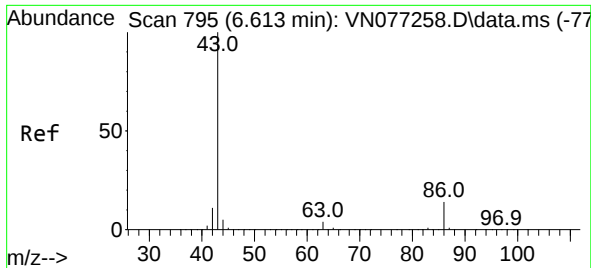
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#22
Diisopropyl ether
Concen: 19.620 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

Tgt Ion: 45 Resp: 319320
Ion Ratio Lower Upper
45 100
43 60.6 44.6 66.8
87 37.9 28.4 42.6
59 14.0 11.1 16.7





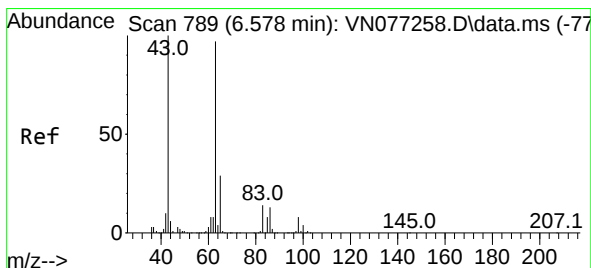
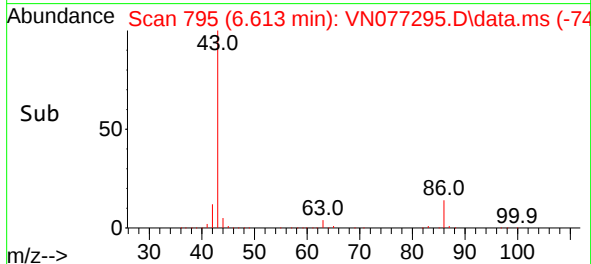
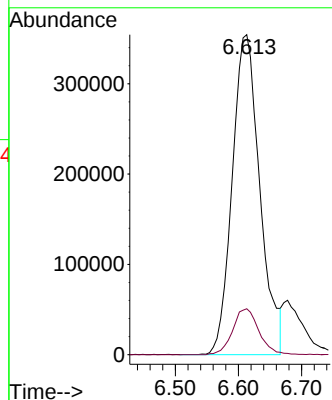
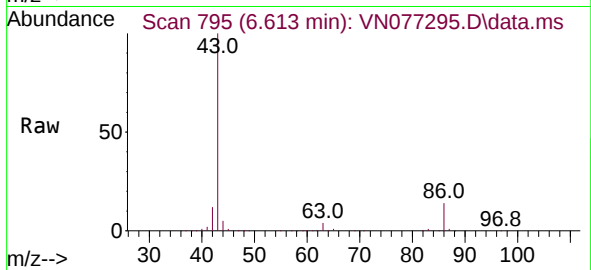
#23
 Vinyl Acetate
 Concen: 98.125 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077295.D
 Acq: 11 Apr 2023 11:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01

Tgt Ion: 43 Resp: 107982
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.2 16.8

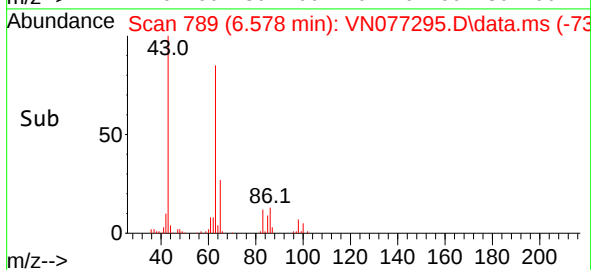
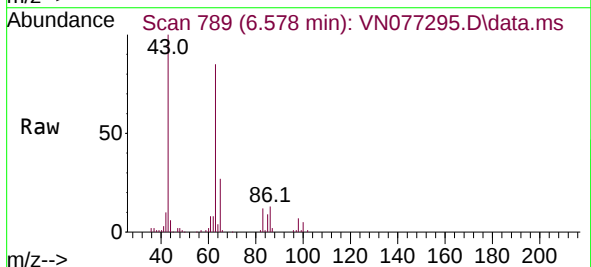
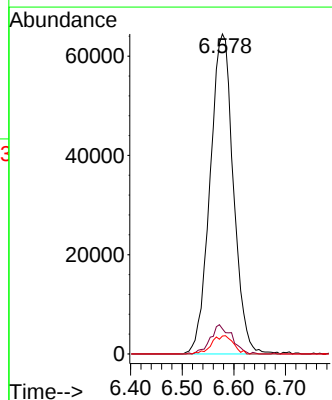
Manual Integrations
 APPROVED

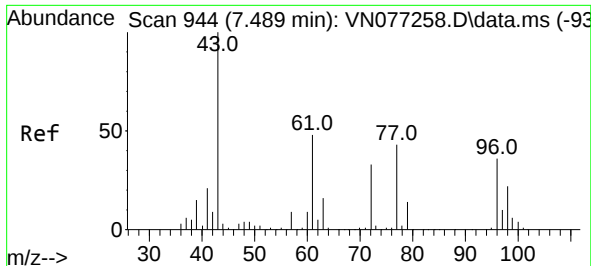
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#24
 1,1-Dichloroethane
 Concen: 19.204 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077295.D
 Acq: 11 Apr 2023 11:23

Tgt Ion: 63 Resp: 201833
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.0
 100 5.6 2.3 6.9





#25

2-Butanone

Concen: 95.383 ug/l

RT: 7.490 min Scan# 944

Delta R.T. 0.001 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 43 Resp: 357939

Ion Ratio Lower Upper

43 100

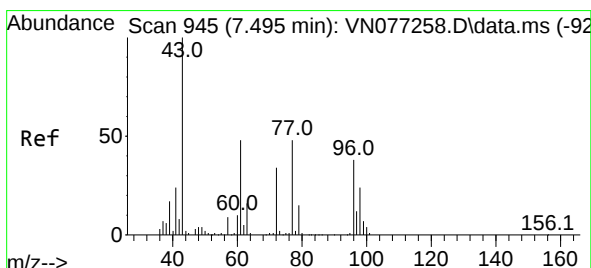
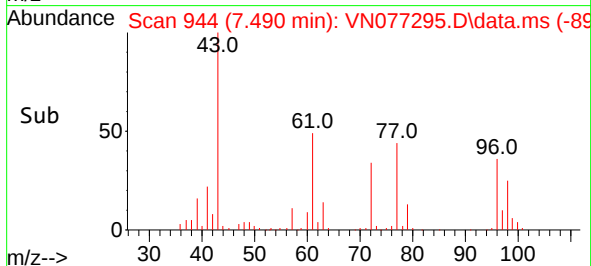
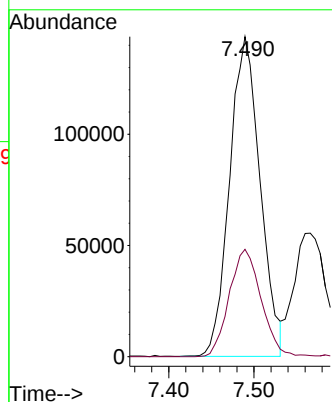
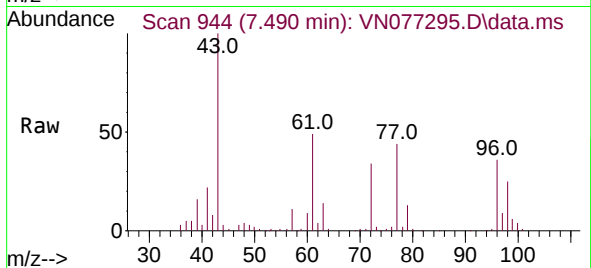
72 33.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#26

2,2-Dichloropropane

Concen: 20.119 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077295.D

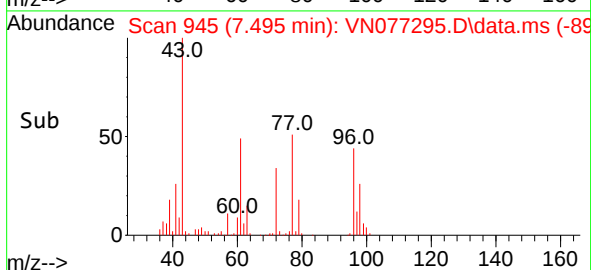
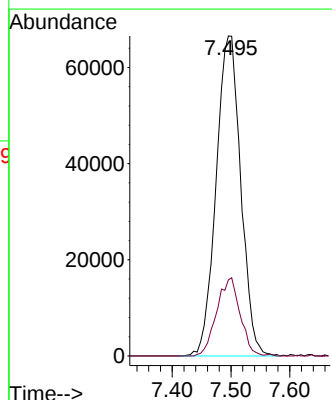
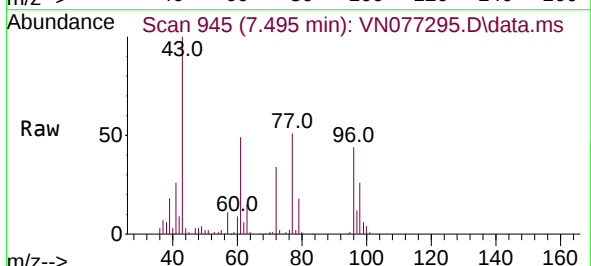
Acq: 11 Apr 2023 11:23

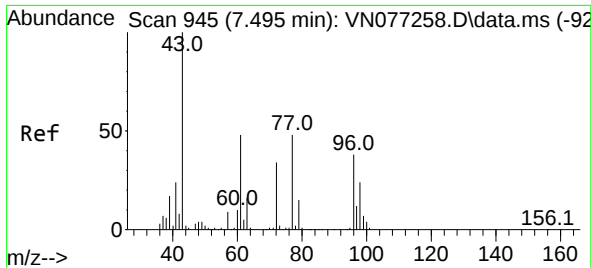
Tgt Ion: 77 Resp: 193891

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1





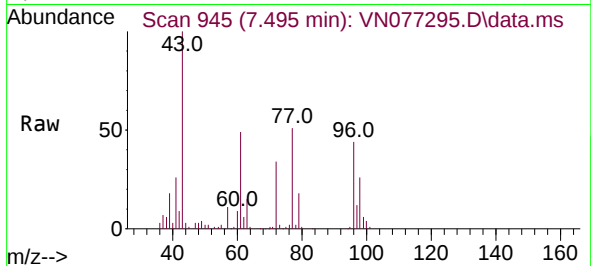
#27
 cis-1,2-Dichloroethene
 Concen: 19.706 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077295.D
 Acq: 11 Apr 2023 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

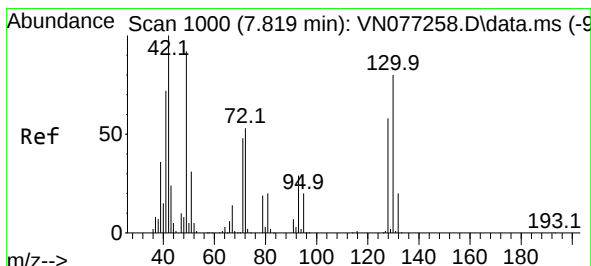
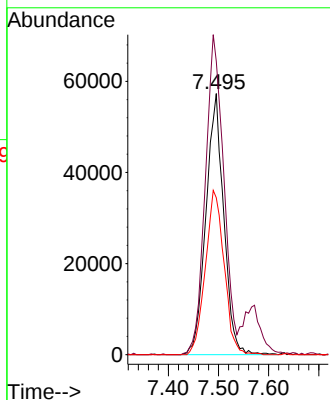
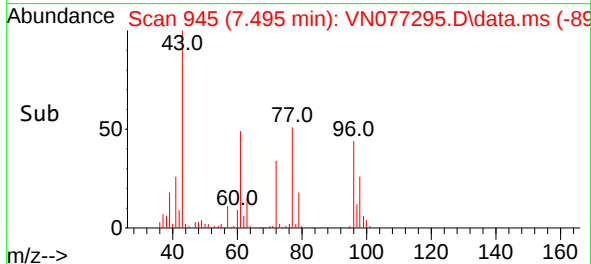


Tgt Ion: 96 Resp: 141622
 Ion Ratio Lower Upper
 96 100
 61 126.2 0.0 261.0
 98 66.1 0.0 128.0

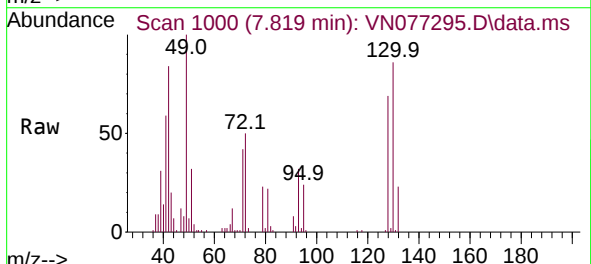
Manual Integrations

APPROVED

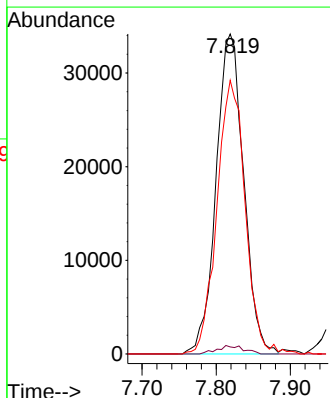
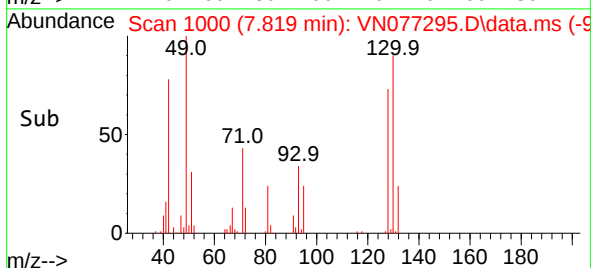
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

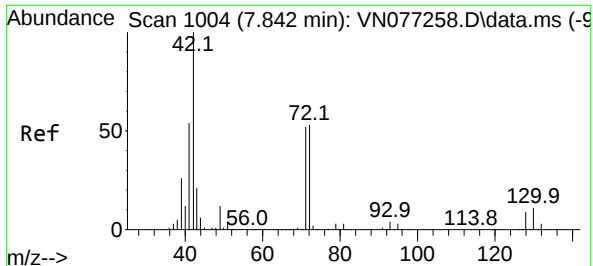


#28
 Bromochloromethane
 Concen: 20.889 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077295.D
 Acq: 11 Apr 2023 11:23



Tgt Ion: 49 Resp: 88310
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.4
 130 87.5 68.4 102.6





#29

Tetrahydrofuran

Concen: 91.201 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077295.D

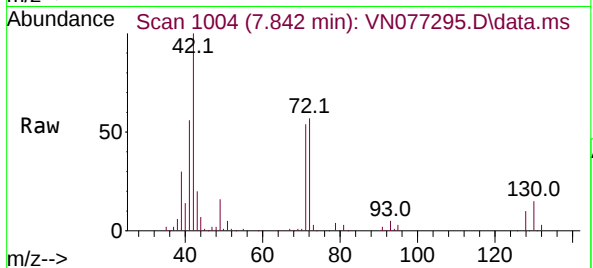
Acq: 11 Apr 2023 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01



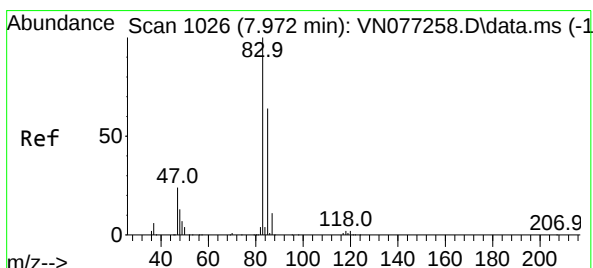
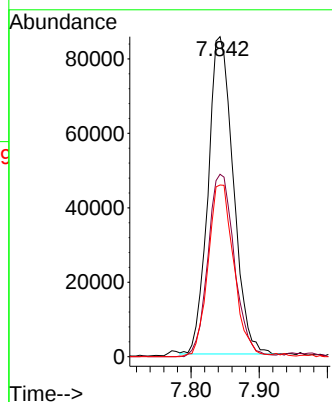
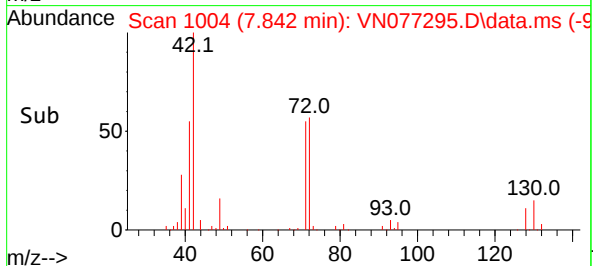
Tgt Ion:	42	Resp:	22000
Ion Ratio	100	Lower	Upper
42	100		
72	60.3	44.6	66.8
71	55.4	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#30

Chloroform

Concen: 19.888 ug/l

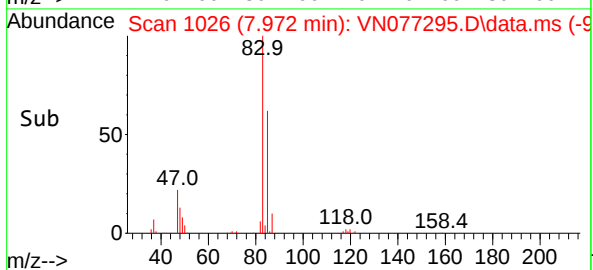
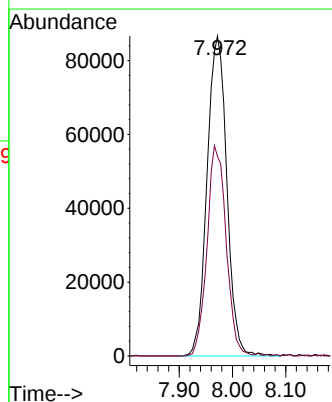
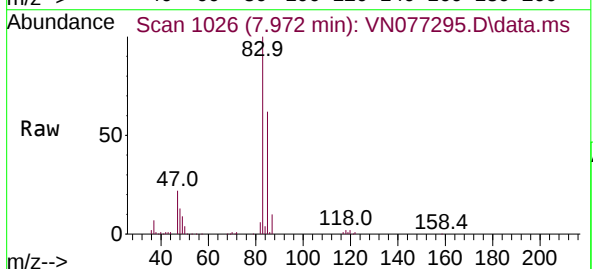
RT: 7.972 min Scan# 1026

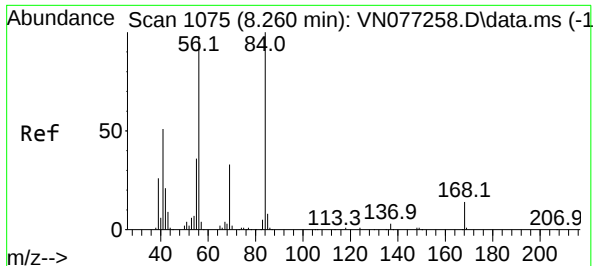
Delta R.T. -0.000 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

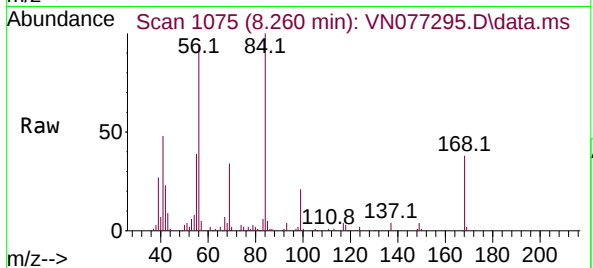
Tgt Ion:	83	Resp:	222899
Ion Ratio	100	Lower	Upper
83	100		
85	62.4	50.9	76.3





#31
Cyclohexane
Concen: 18.743 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

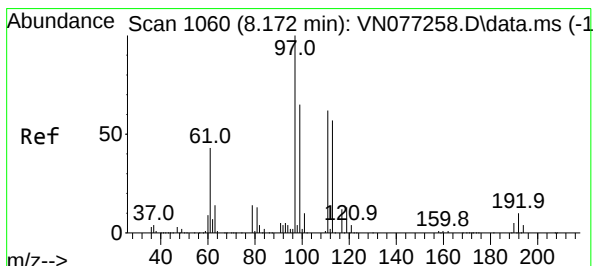
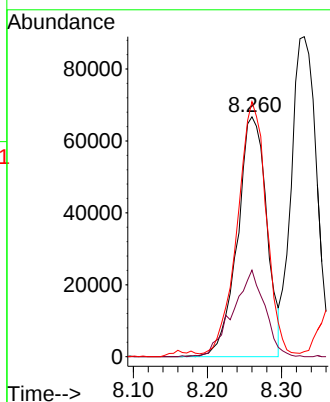
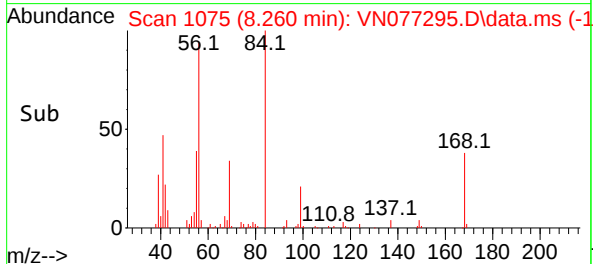
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 56 Resp: 18264
Ion Ratio Lower Upper
56 100
69 35.8 26.6 40.0
84 103.7 81.8 122.8

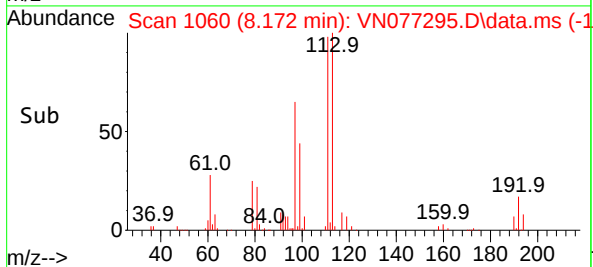
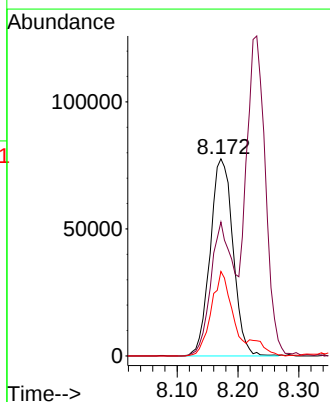
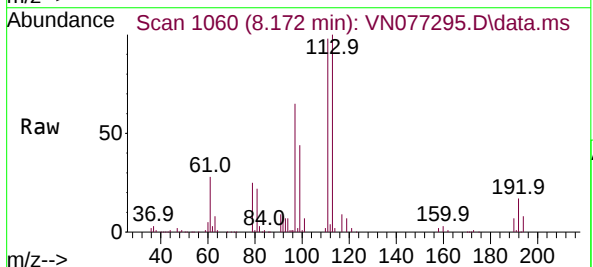
Manual Integrations
APPROVED

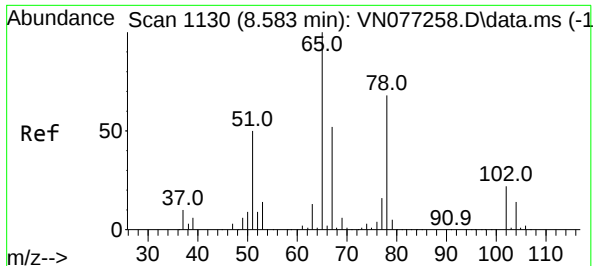
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#32
1,1,1-Trichloroethane
Concen: 19.820 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

Tgt Ion: 97 Resp: 202018
Ion Ratio Lower Upper
97 100
99 68.0 54.2 81.4
61 39.3 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 51.615 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 65 Resp: 323684

Ion Ratio Lower Upper

65 100

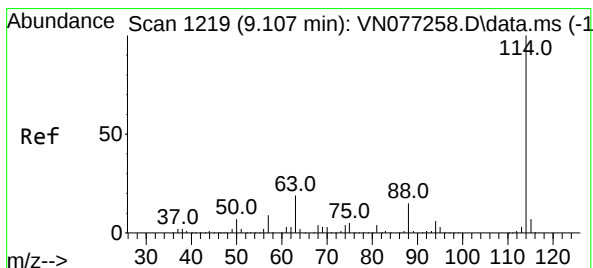
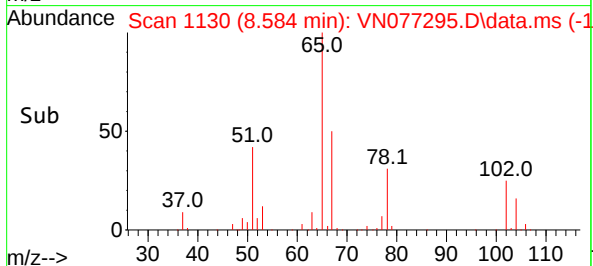
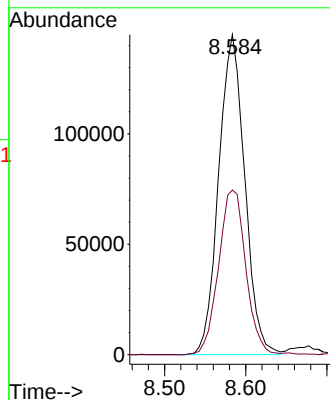
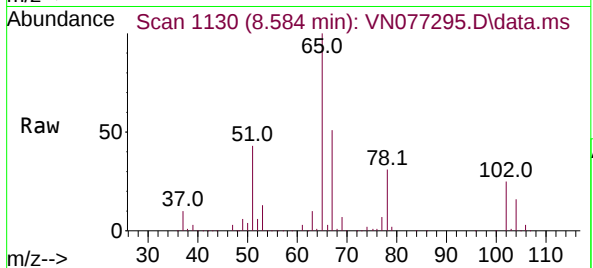
67 53.6 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

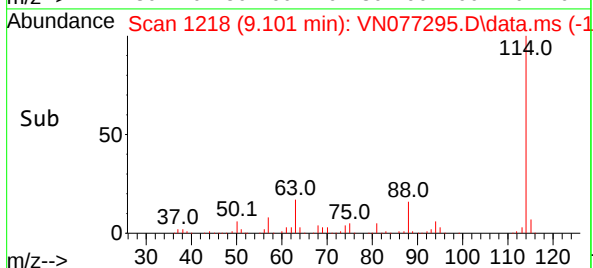
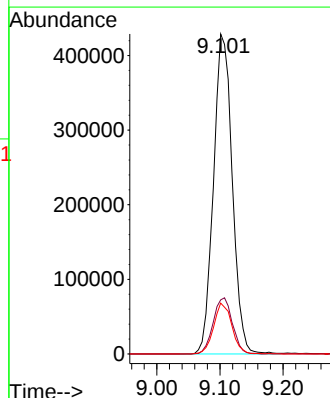
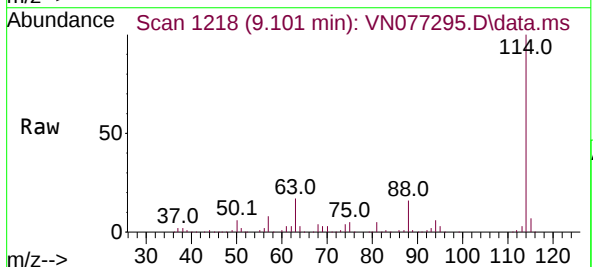
Tgt Ion:114 Resp: 886274

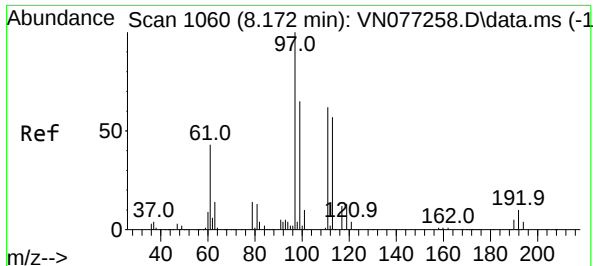
Ion Ratio Lower Upper

114 100

63 16.9 0.0 37.8

88 15.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.666 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 113 Resp: 287459

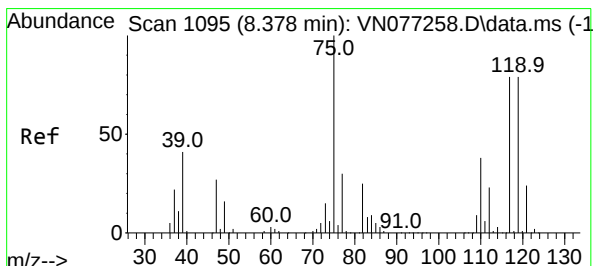
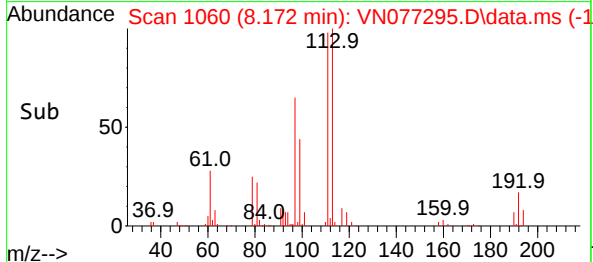
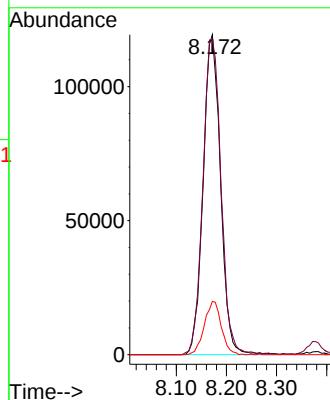
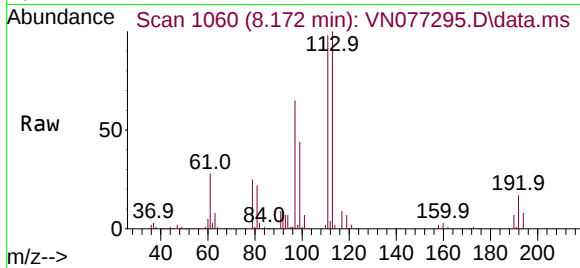
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.0
192	16.3	13.5	20.3

Manual Integrations

APPROVED

Reviewed By : John Carlone 04/12/2023

Supervised By : Mahesh Dadoda 04/12/2023



#36

1,1-Dichloropropene

Concen: 18.939 ug/l

RT: 8.378 min Scan# 1095

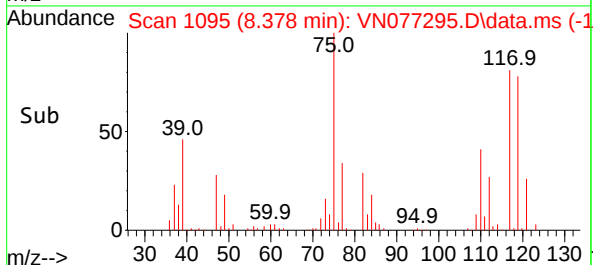
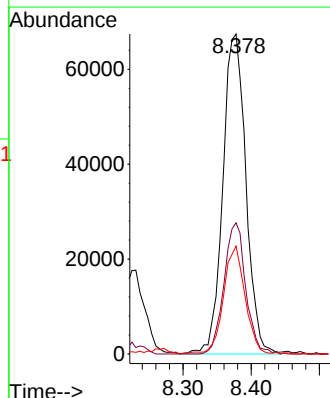
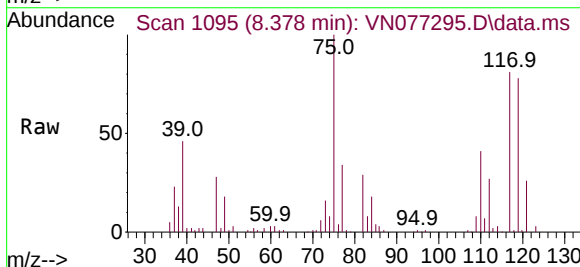
Delta R.T. -0.000 min

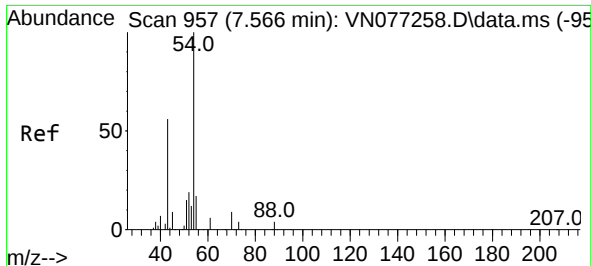
Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

Tgt Ion: 75 Resp: 158921

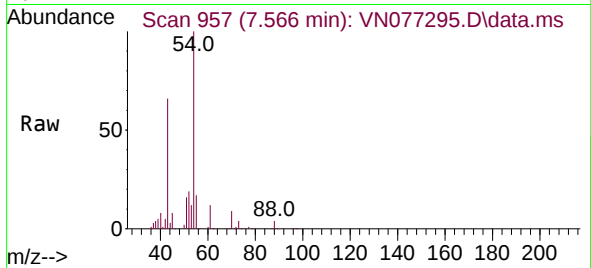
Ion	Ratio	Lower	Upper
75	100		
110	38.7	17.8	53.5
77	31.7	25.0	37.4





#37
Ethyl Acetate
Concen: 20.311 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

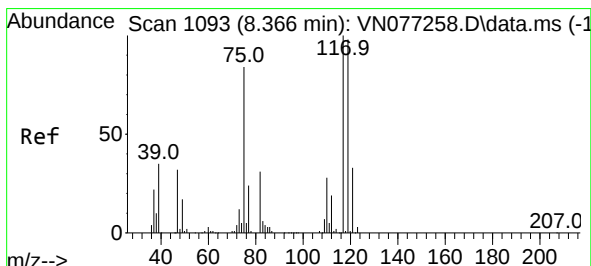
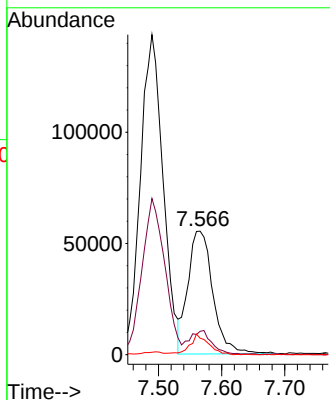
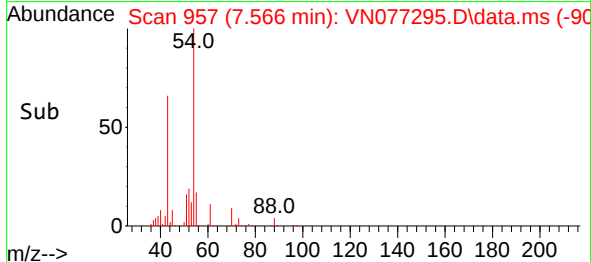
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



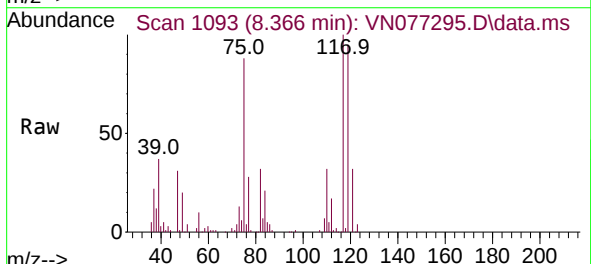
Tgt Ion: 43 Resp: 15249
Ion Ratio Lower Upper
43 100
61 17.0 12.2 18.2
70 12.5 10.0 15.0

Manual Integrations
APPROVED

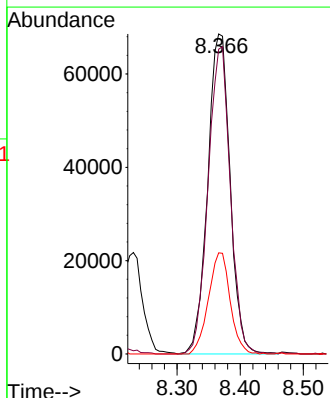
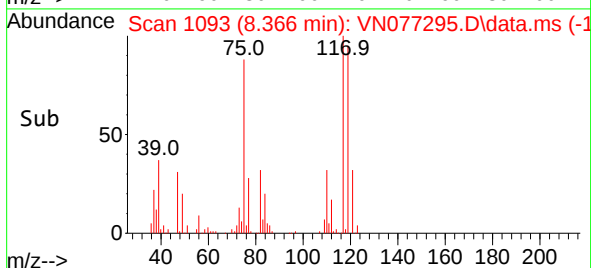
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

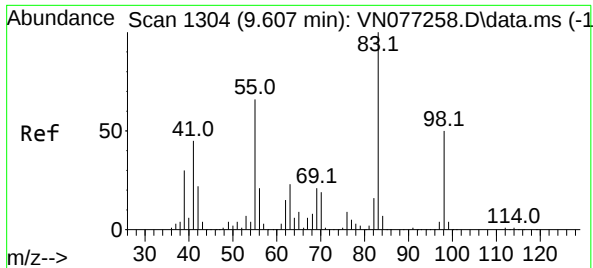


#38
Carbon Tetrachloride
Concen: 19.664 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



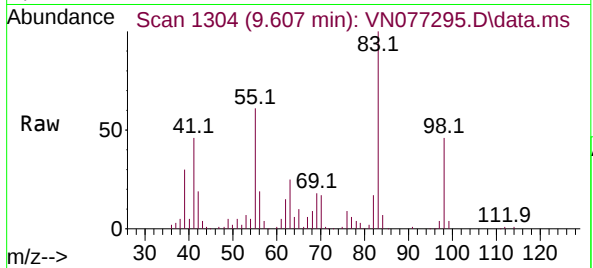
Tgt Ion:117 Resp: 169052
Ion Ratio Lower Upper
117 100
119 95.2 78.5 117.7
121 31.6 26.6 40.0





#39
Methylcyclohexane
Concen: 19.711 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

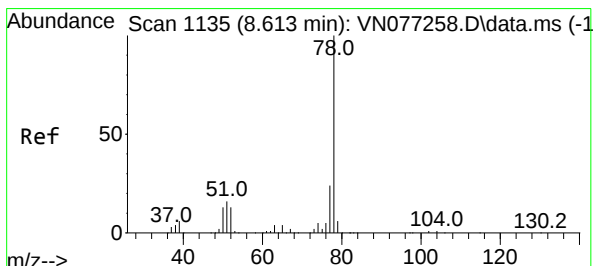
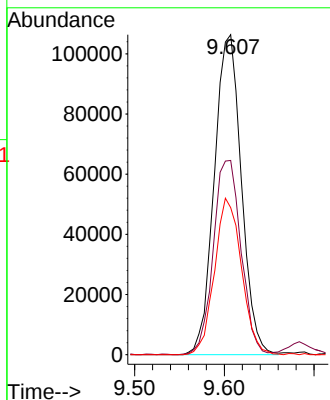
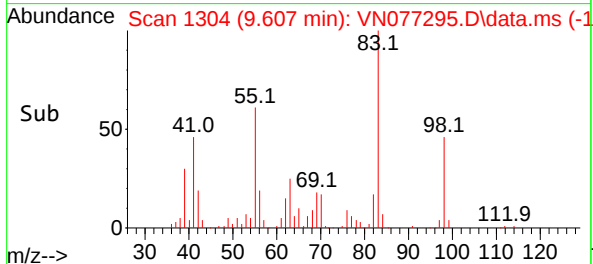
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 83 Resp: 22303
Ion Ratio Lower Upper
83 100
55 60.7 52.4 78.6
98 45.9 39.8 59.6

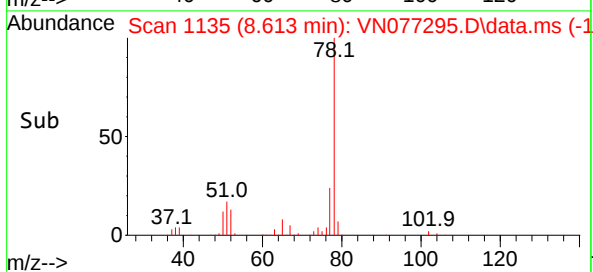
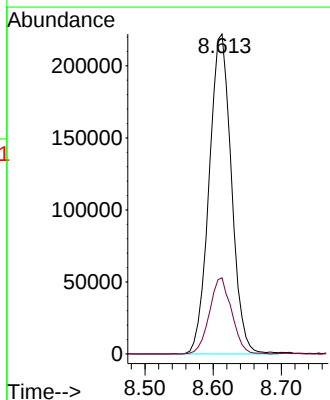
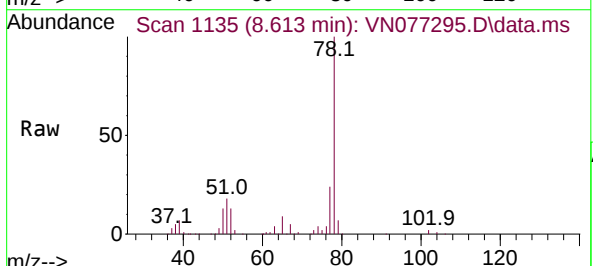
Manual Integrations
APPROVED

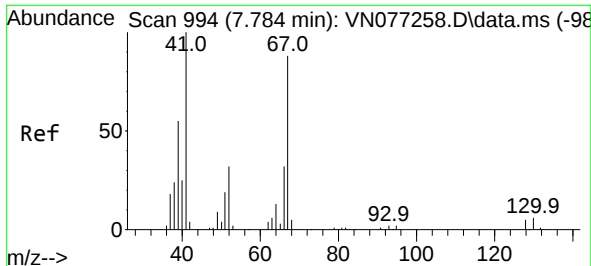
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#40
Benzene
Concen: 19.306 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

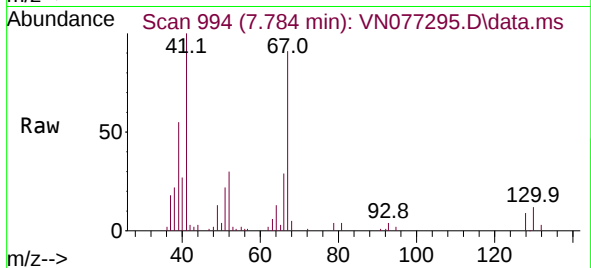
Tgt Ion: 78 Resp: 505313
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3





#41
Methacrylonitrile
Concen: 19.661 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

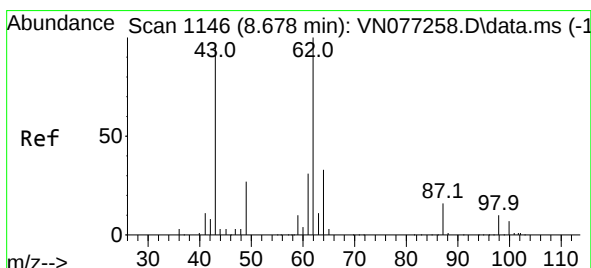
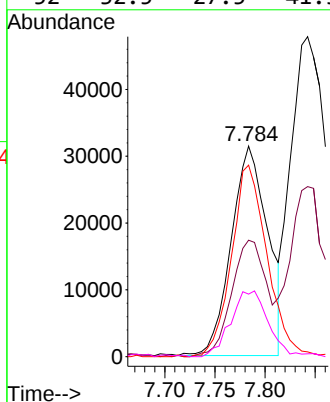
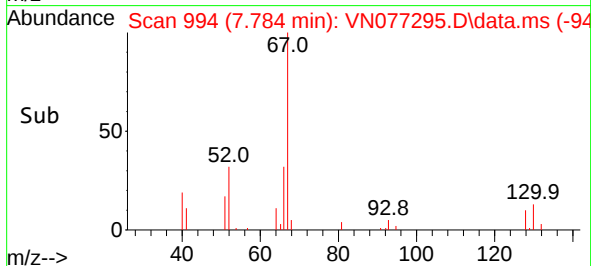
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 41 Resp: 79345
Ion Ratio Lower Upper
41 100
39 52.2 44.1 66.1
67 89.2 71.4 107.2
52 32.5 27.5 41.3

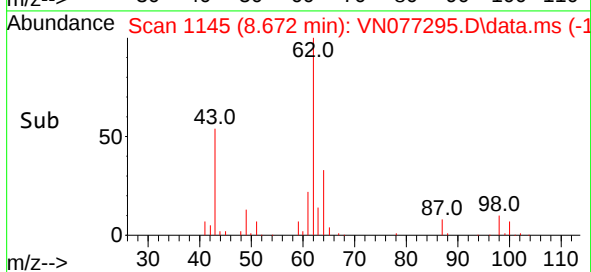
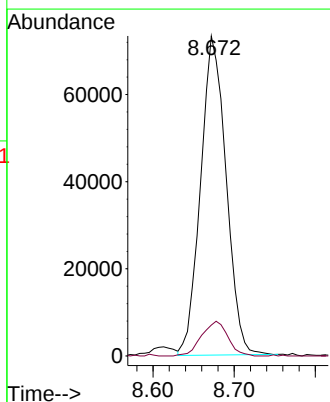
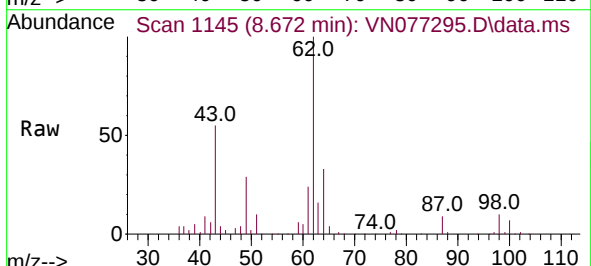
Manual Integrations
APPROVED

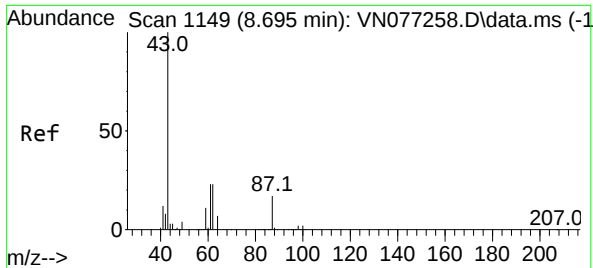
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#42
1,2-Dichloroethane
Concen: 19.855 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

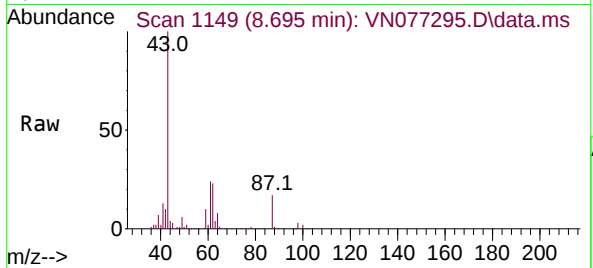
Tgt Ion: 62 Resp: 159941
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.2





#43
Isopropyl Acetate
Concen: 19.056 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

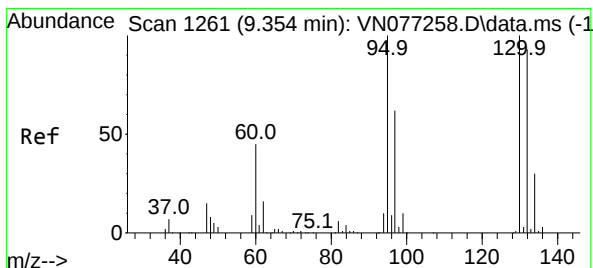
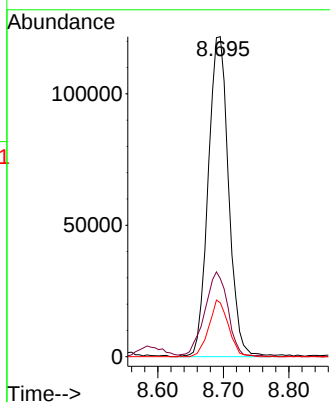
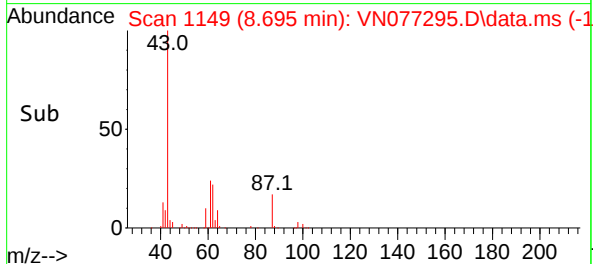
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



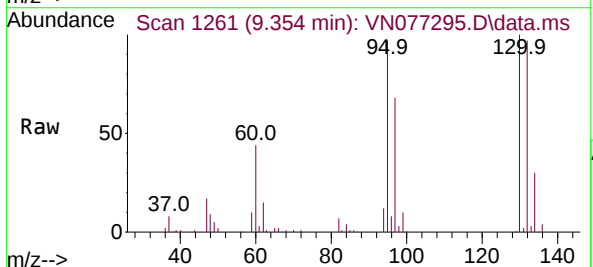
Tgt Ion: 43 Resp: 264000
Ion Ratio Lower Upper
43 100
61 30.2 22.7 34.1
87 16.9 13.6 20.4

Manual Integrations
APPROVED

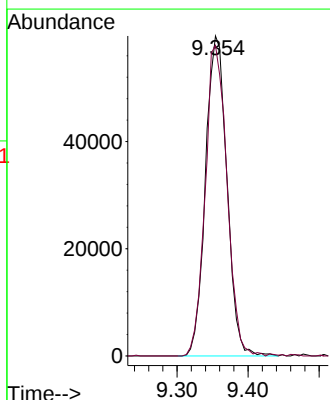
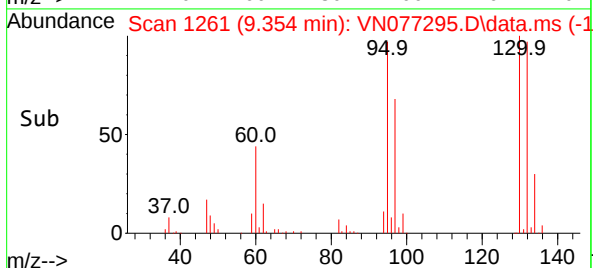
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

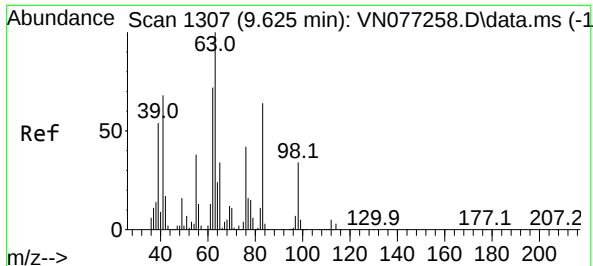


#44
Trichloroethene
Concen: 19.962 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



Tgt Ion:130 Resp: 125013
Ion Ratio Lower Upper
130 100
95 97.1 0.0 200.2





#45

1,2-Dichloropropane

Concen: 20.245 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 63 Resp: 125845

Ion Ratio Lower Upper

63 100

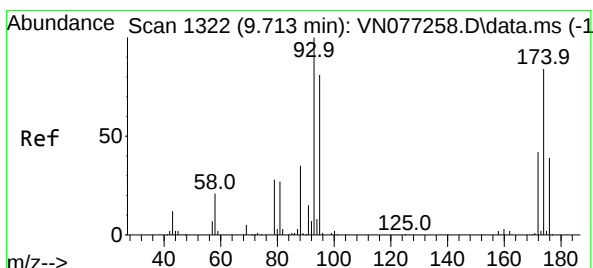
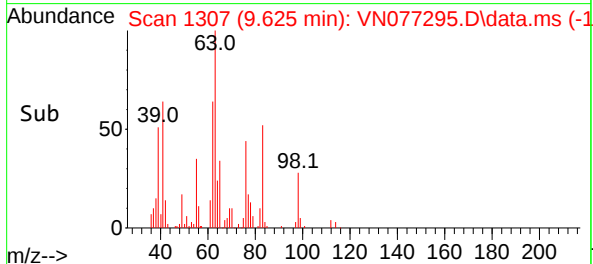
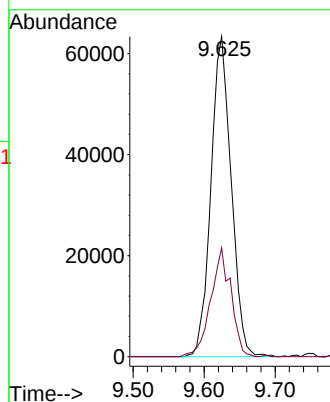
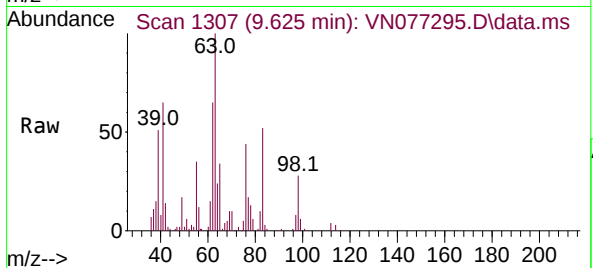
65 34.0 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#46

Dibromomethane

Concen: 19.418 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

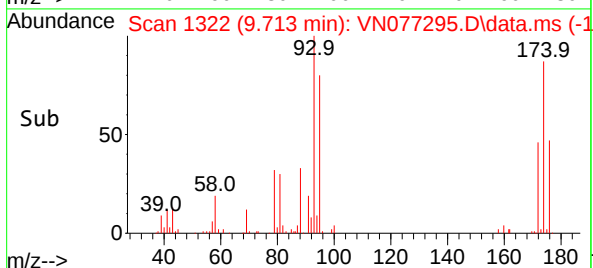
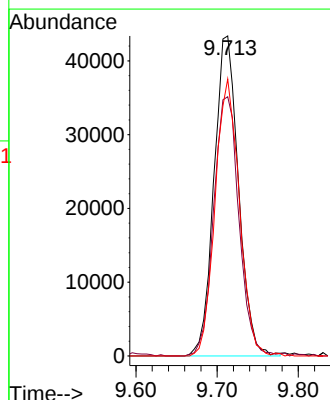
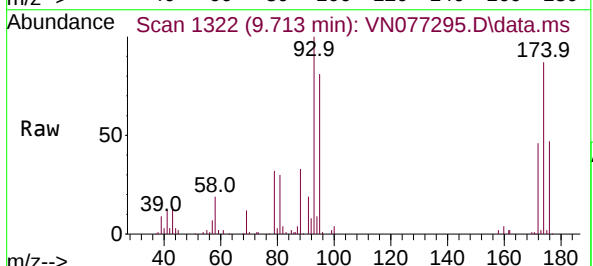
Tgt Ion: 93 Resp: 90945

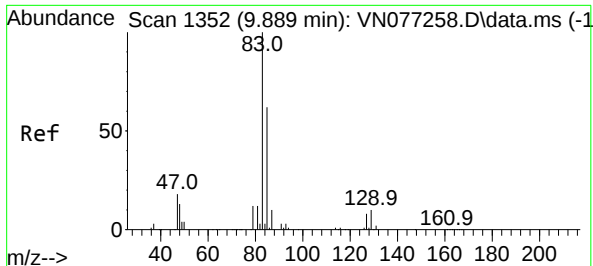
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.6

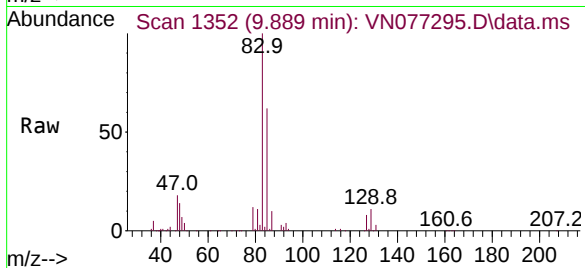
174 85.4 66.0 99.0





#47
Bromodichloromethane
Concen: 19.584 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

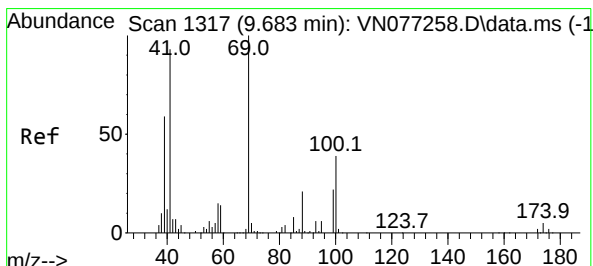
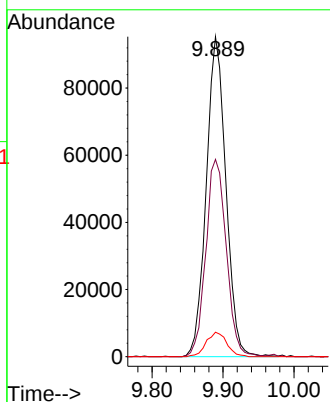
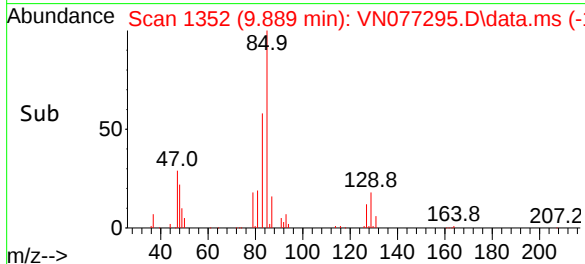
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



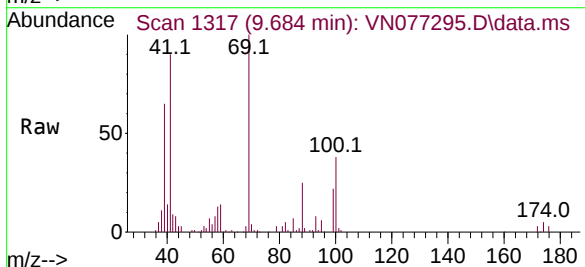
Tgt Ion: 83 Resp: 183324
Ion Ratio Lower Upper
83 100
85 61.6 49.8 74.8
127 7.7 6.2 9.2

Manual Integrations
APPROVED

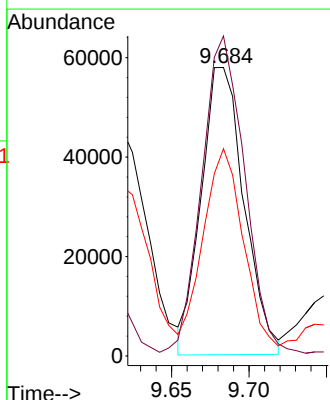
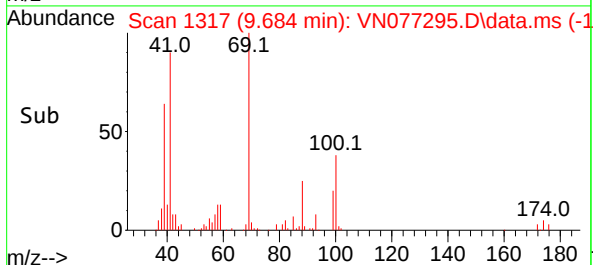
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

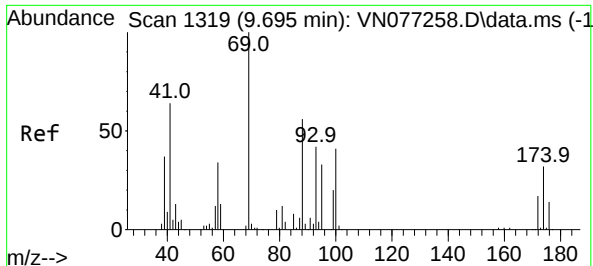


#48
Methyl methacrylate
Concen: 18.826 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



Tgt Ion: 41 Resp: 111258
Ion Ratio Lower Upper
41 100
69 110.6 85.0 127.6
39 69.1 53.5 80.3





#49

1,4-Dioxane

Concen: 385.017 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

Tgt Ion: 88 Resp: 5516

Ion Ratio Lower Upper

88 100

43 23.8 17.0 25.6

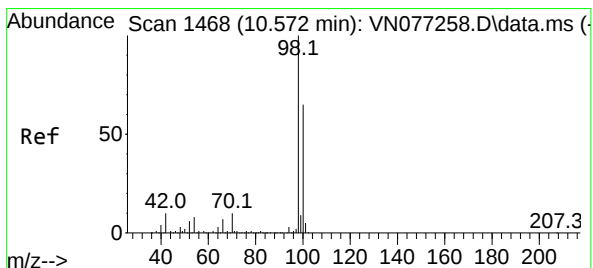
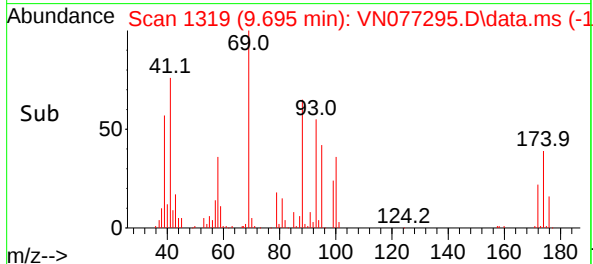
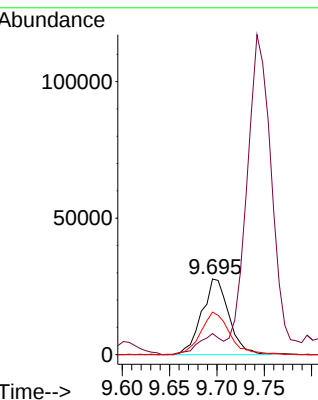
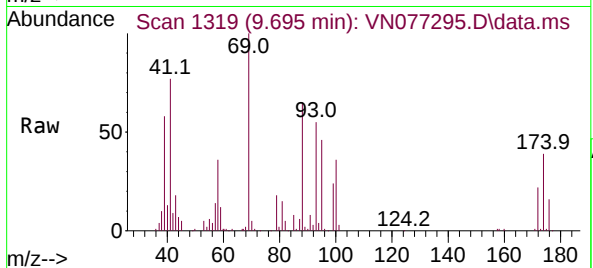
58 60.3 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#50

Toluene-d8

Concen: 50.607 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077295.D

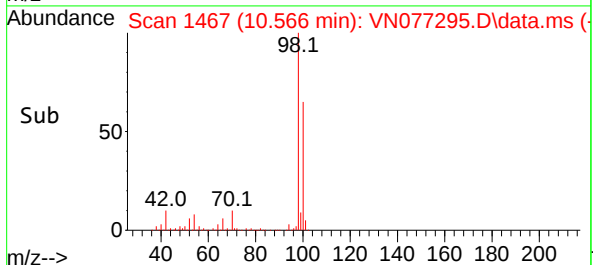
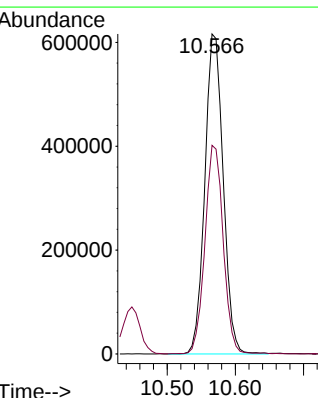
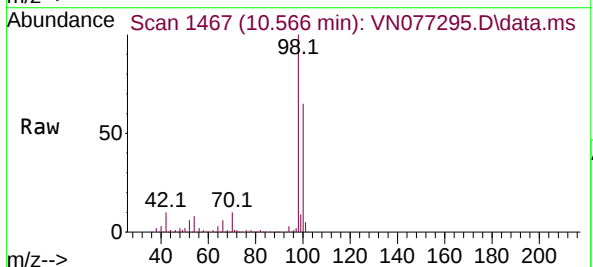
Acq: 11 Apr 2023 11:23

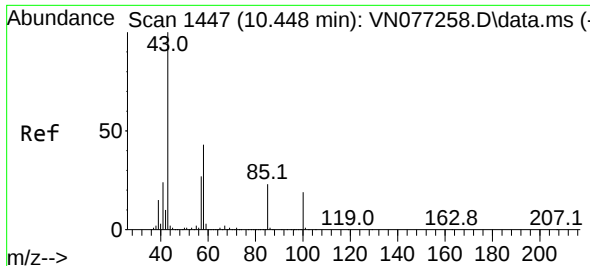
Tgt Ion: 98 Resp: 1155874

Ion Ratio Lower Upper

98 100

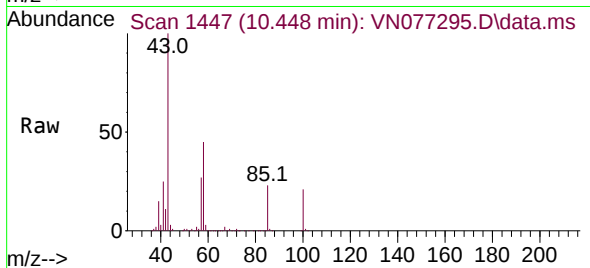
100 65.1 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 99.404 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

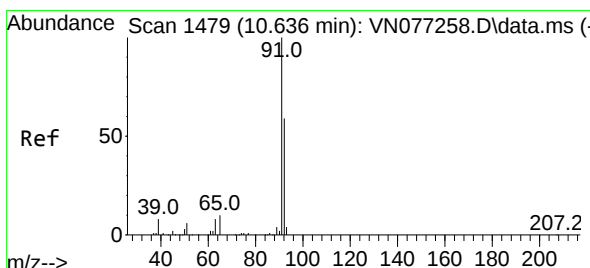
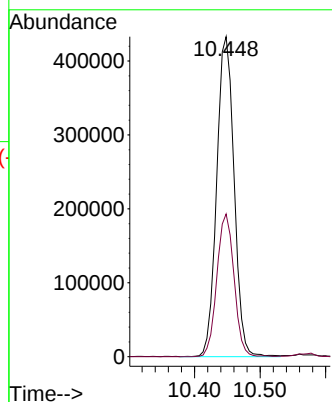
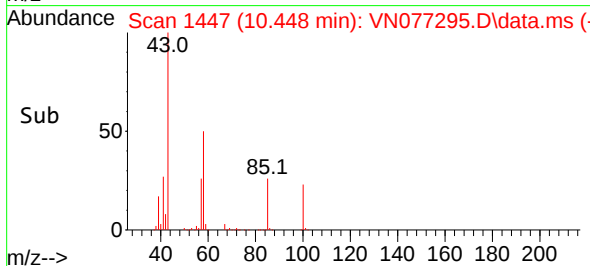
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



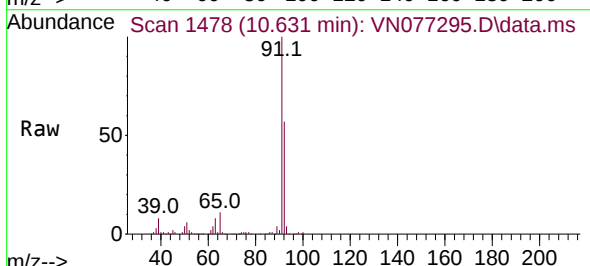
Tgt Ion: 43 Resp: 796008
Ion Ratio Lower Upper
43 100
58 44.0 34.6 52.0

Manual Integrations
APPROVED

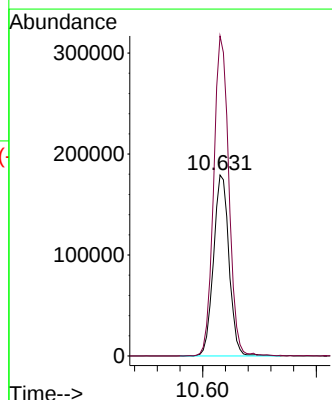
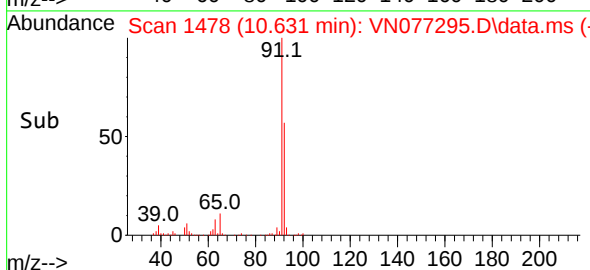
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

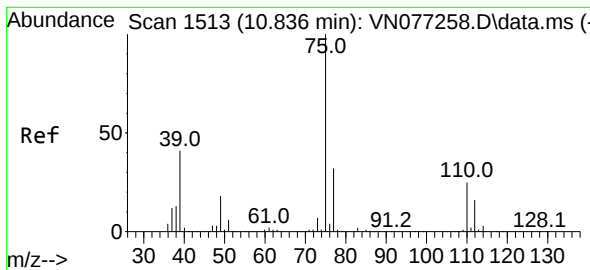


#52
Toluene
Concen: 19.810 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



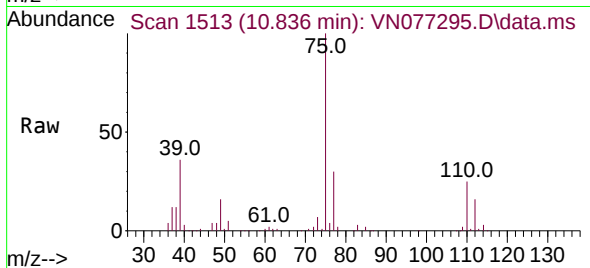
Tgt Ion: 92 Resp: 339380
Ion Ratio Lower Upper
92 100
91 173.7 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 20.255 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

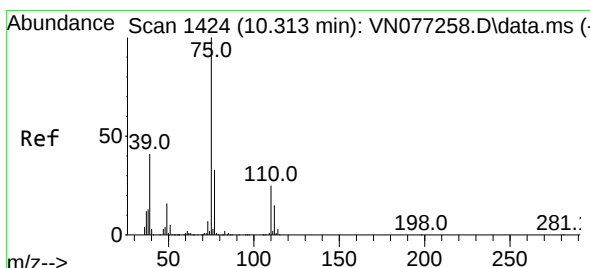
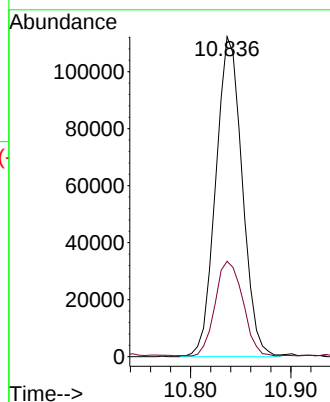
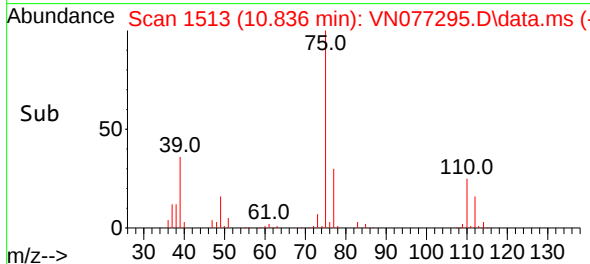
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 75 Resp: 20589
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0

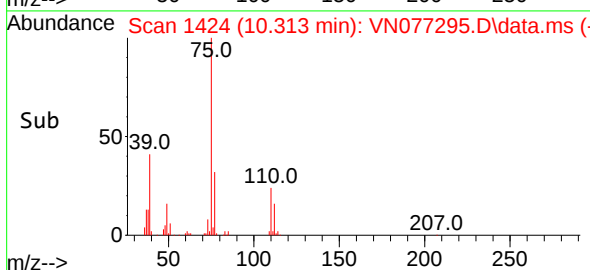
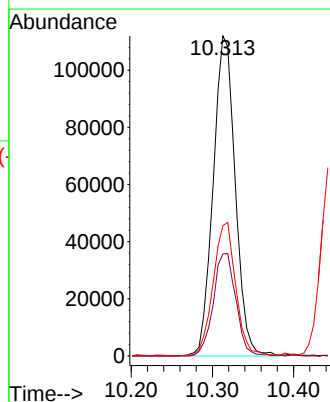
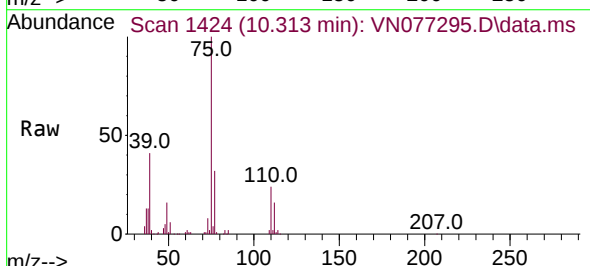
Manual Integrations
APPROVED

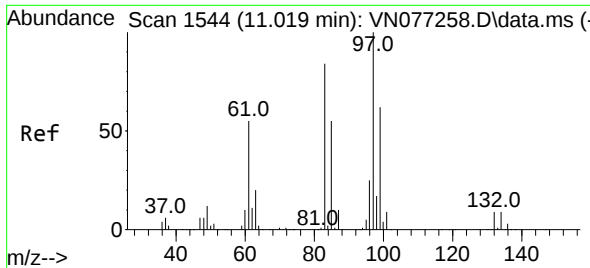
Reviewed By :John Carbone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#54
cis-1,3-Dichloropropene
Concen: 19.551 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

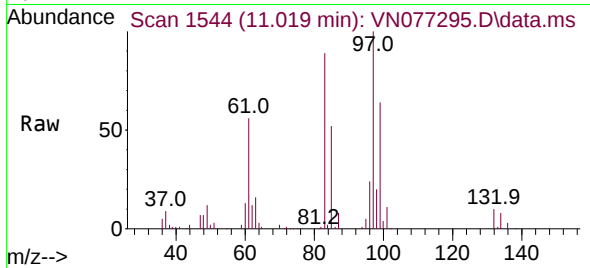
Tgt Ion: 75 Resp: 211693
Ion Ratio Lower Upper
75 100
77 31.8 26.7 40.1
39 40.8 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 19.679 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

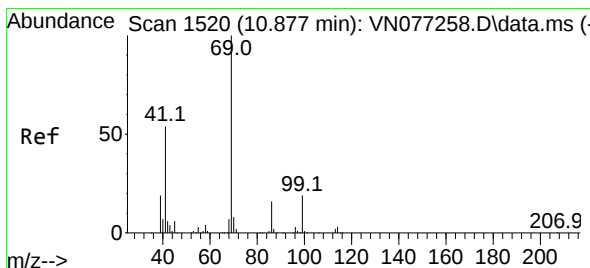
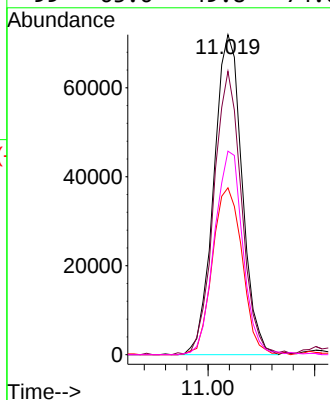
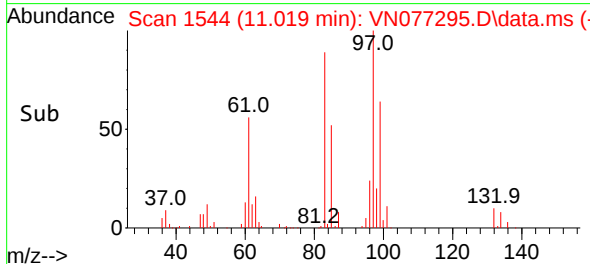
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



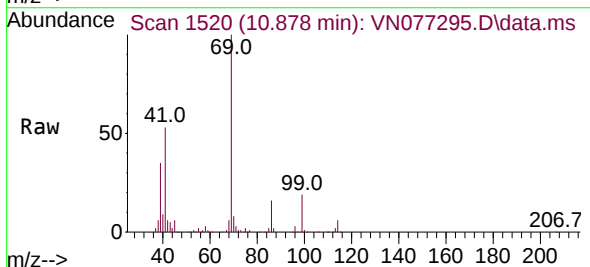
Tgt Ion:	97	Resp:	13234
Ion Ratio	100	Lower	Upper
97	100		
83	88.0	67.4	101.2
85	52.1	44.1	66.1
99	63.6	49.8	74.6

Manual Integrations
APPROVED

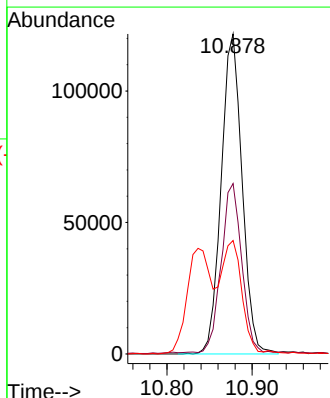
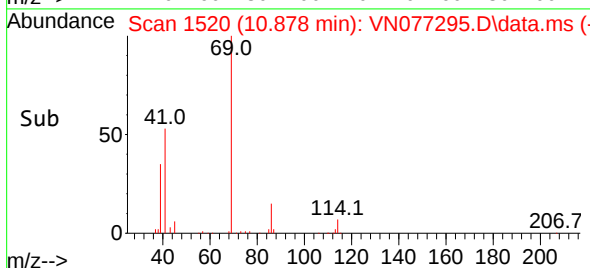
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

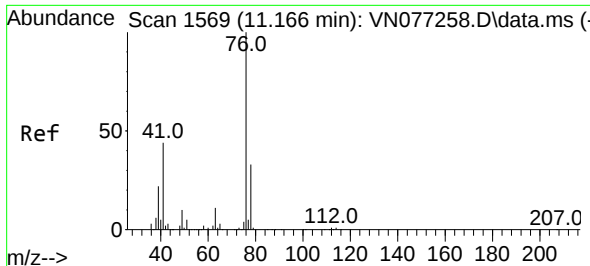


#56
Ethyl methacrylate
Concen: 19.790 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



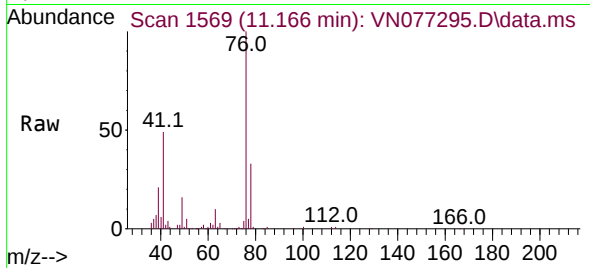
Tgt Ion:	69	Resp:	207297
Ion Ratio	100	Lower	Upper
69	100		
41	52.2	42.8	64.2
39	35.3	27.0	40.4





#57
1,3-Dichloropropane
Concen: 20.280 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

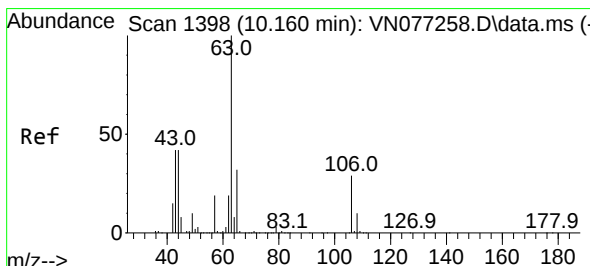
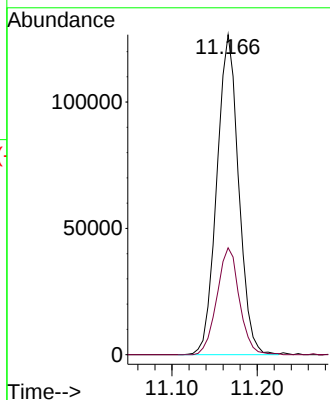
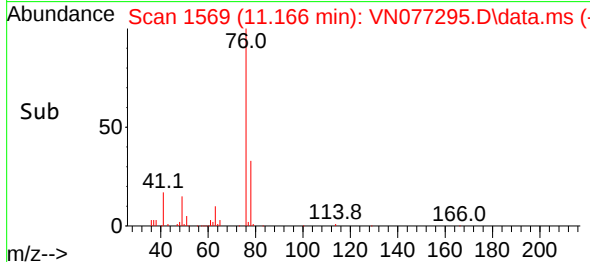
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 76 Resp: 225317
Ion Ratio Lower Upper
76 100
78 34.3 26.2 39.4

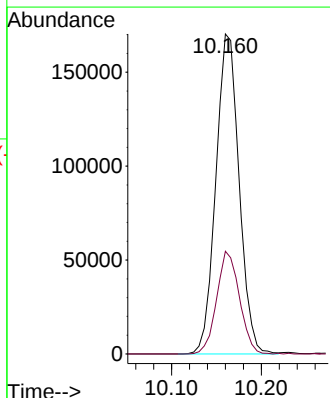
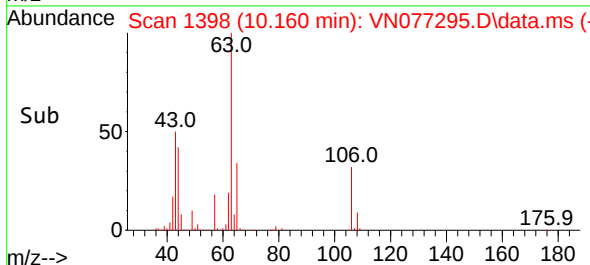
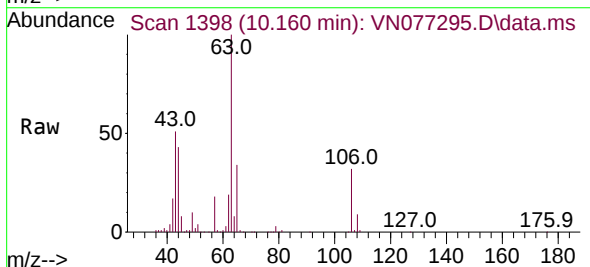
Manual Integrations
APPROVED

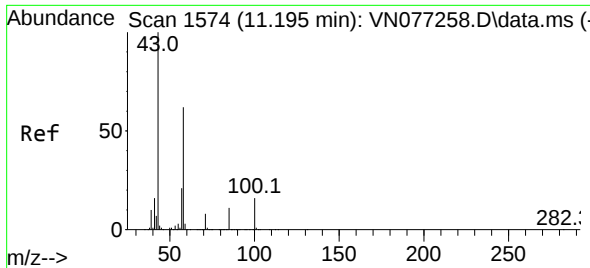
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 98.323 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

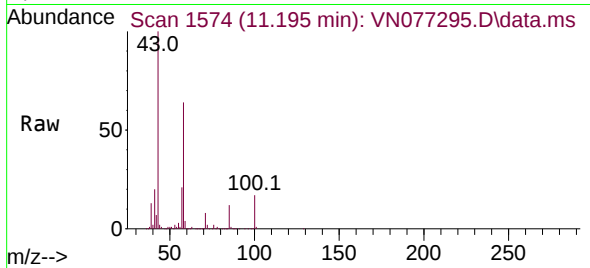
Tgt Ion: 63 Resp: 306582
Ion Ratio Lower Upper
63 100
106 31.3 24.1 36.1





#59
2-Hexanone
Concen: 98.225 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

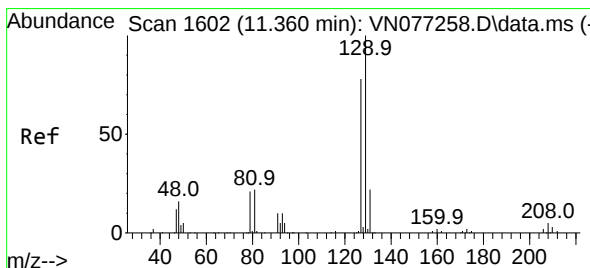
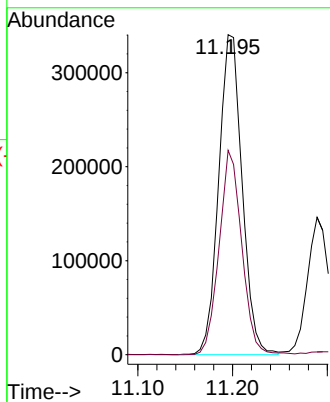
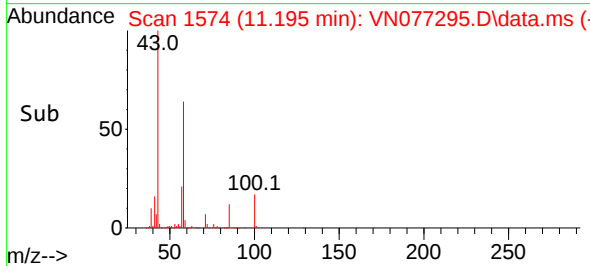
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 43 Resp: 58598
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.5

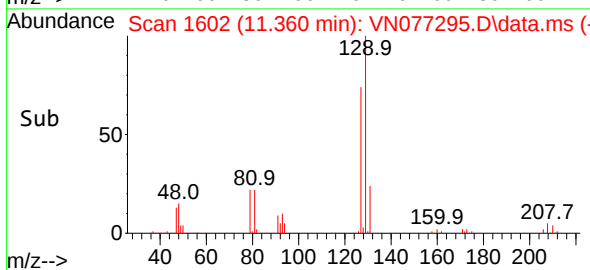
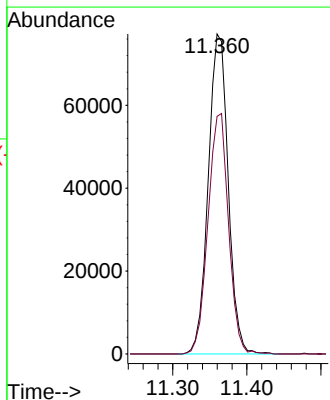
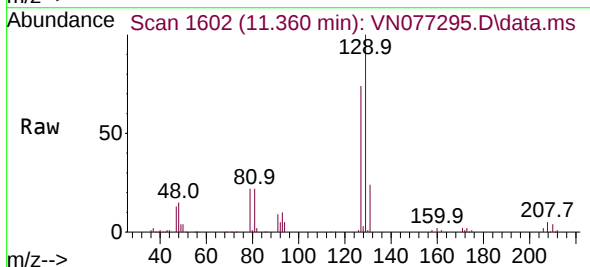
Manual Integrations
APPROVED

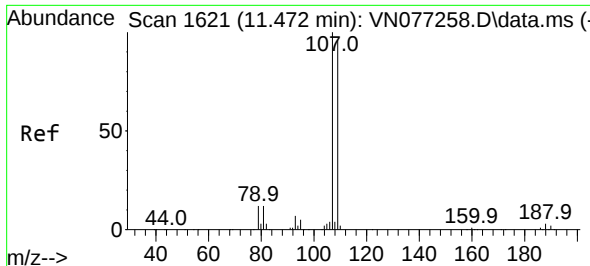
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#60
Dibromochloromethane
Concen: 20.839 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

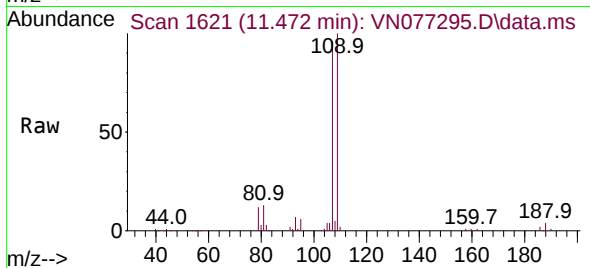
Tgt Ion:129 Resp: 144338
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5





#61
1,2-Dibromoethane
Concen: 20.639 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

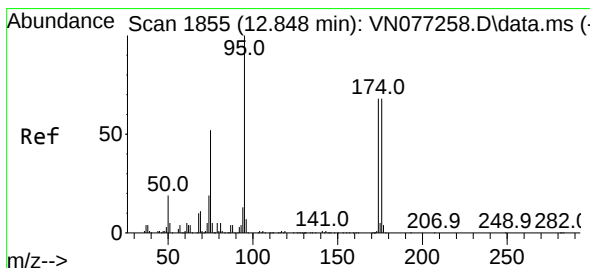
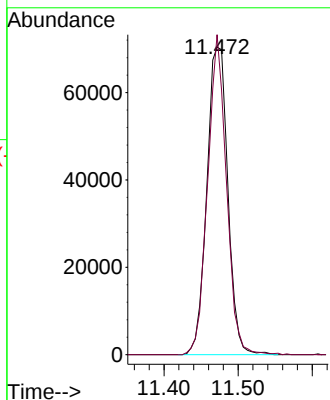
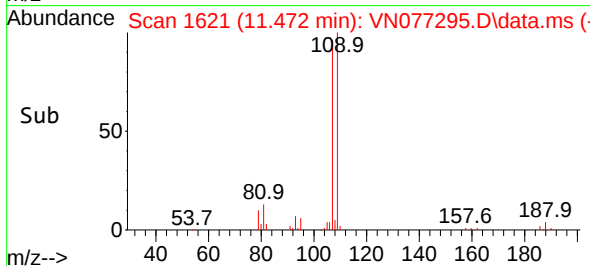
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



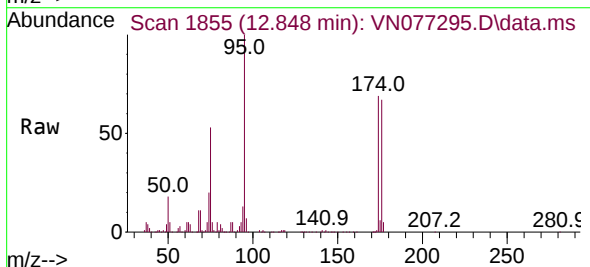
Tgt Ion:107 Resp: 138538
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations
APPROVED

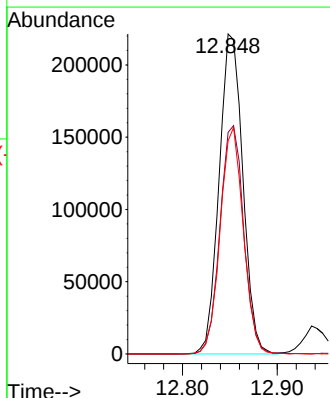
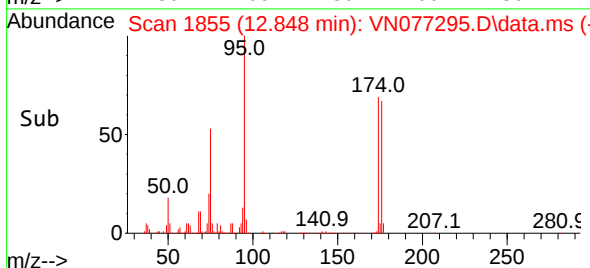
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

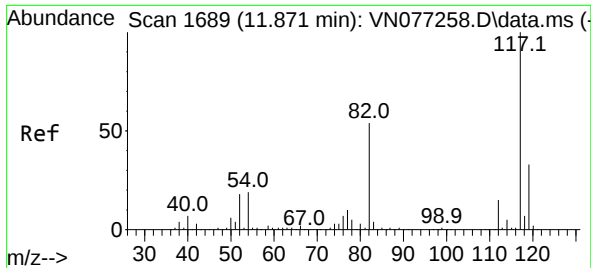


#62
4-Bromofluorobenzene
Concen: 50.718 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



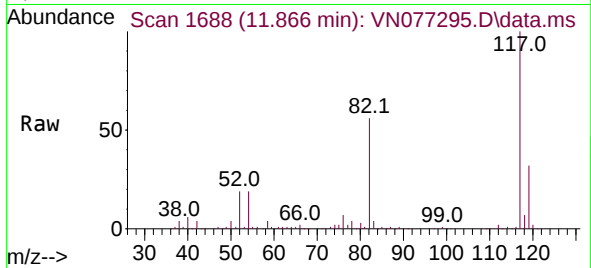
Tgt Ion: 95 Resp: 385271
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.8
176 69.0 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

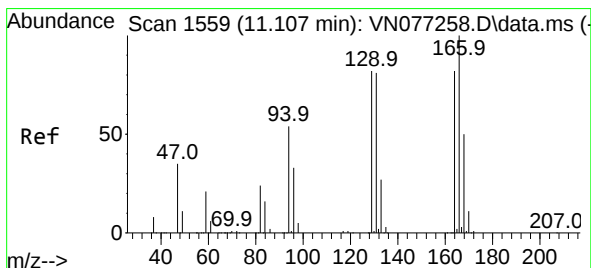
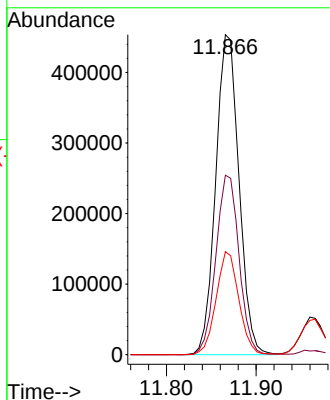
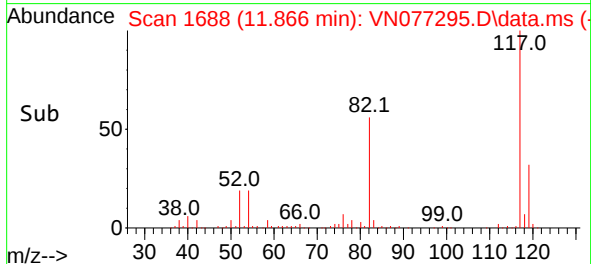
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:117 Resp: 817262
Ion Ratio Lower Upper
117 100
82 56.1 42.9 64.3
119 32.2 26.2 39.4

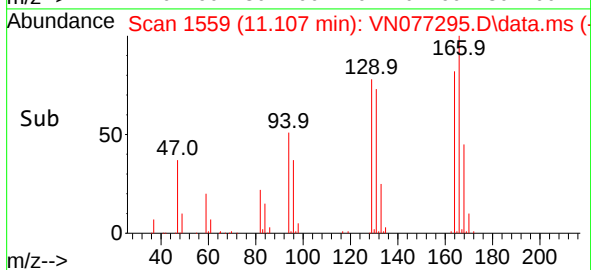
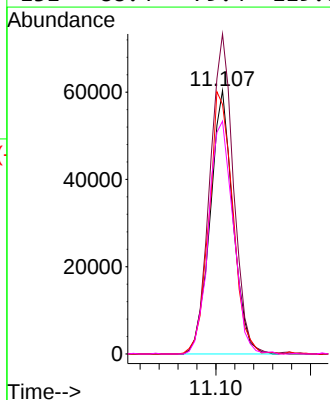
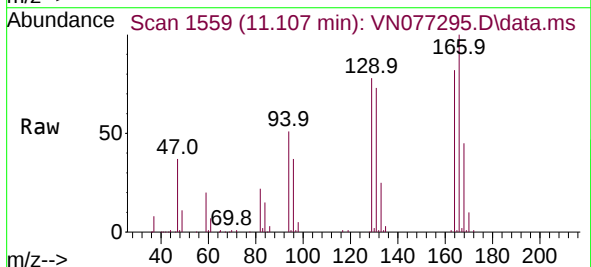
Manual Integrations
APPROVED

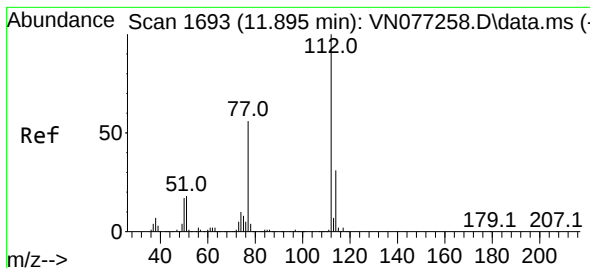
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#64
Tetrachloroethene
Concen: 19.946 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

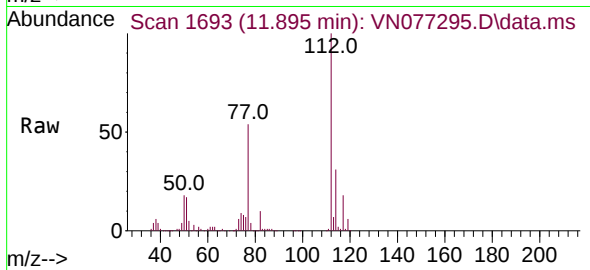
Tgt Ion:164 Resp: 100699
Ion Ratio Lower Upper
164 100
166 121.5 97.8 146.6
129 94.8 80.1 120.1
131 88.4 79.4 119.0





#65
Chlorobenzene
Concen: 19.908 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

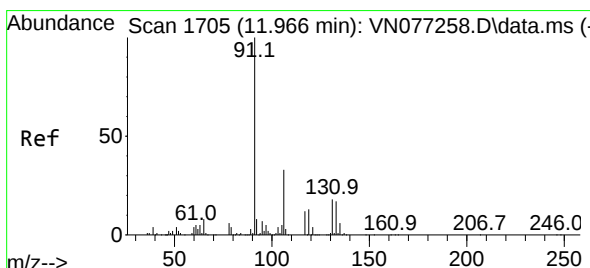
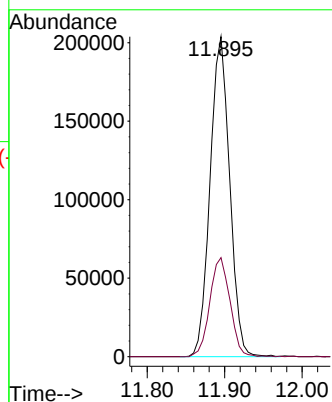
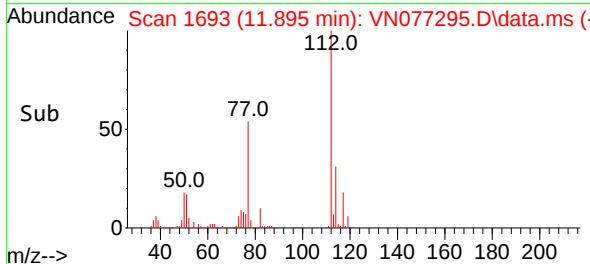
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



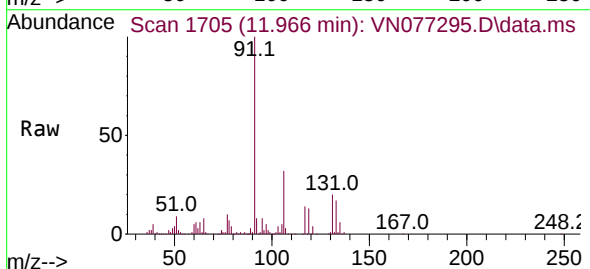
Tgt Ion:112 Resp: 358199
Ion Ratio Lower Upper
112 100
114 31.0 24.6 36.8

Manual Integrations
APPROVED

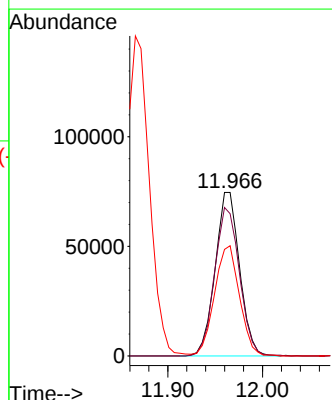
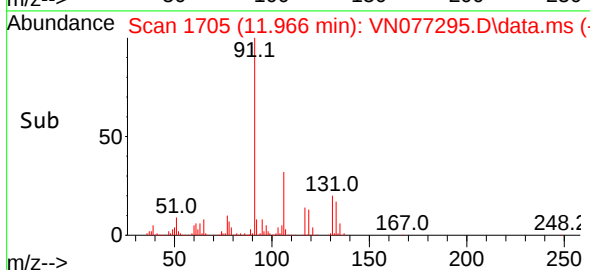
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

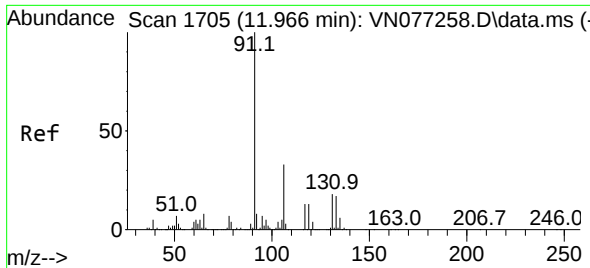


#66
1,1,1,2-Tetrachloroethane
Concen: 19.644 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



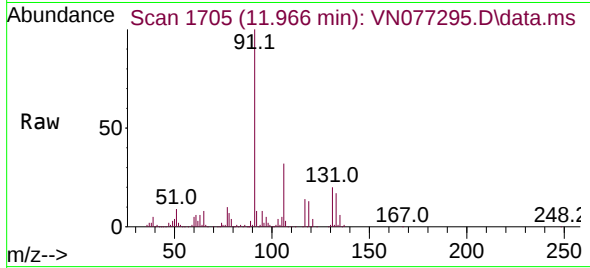
Tgt Ion:131 Resp: 133735
Ion Ratio Lower Upper
131 100
133 92.5 46.9 140.6
119 69.0 34.0 102.0





#67
Ethyl Benzene
Concen: 19.403 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

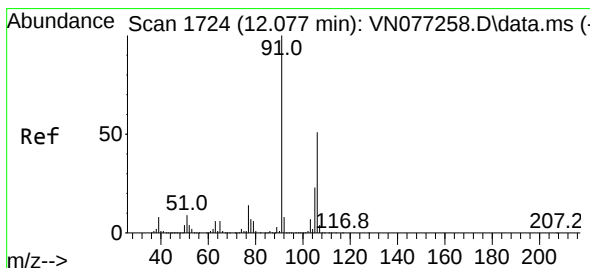
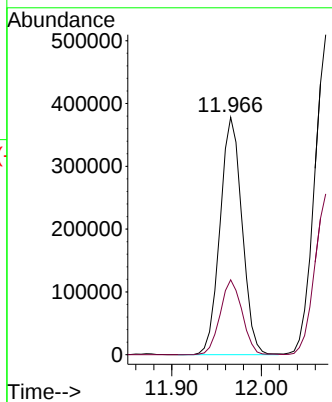
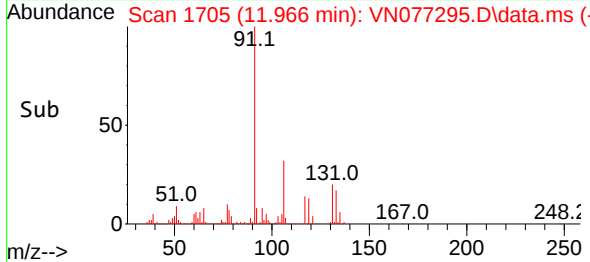
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



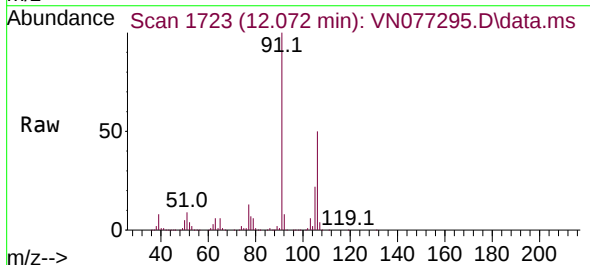
Tgt Ion: 91 Resp: 64423
Ion Ratio Lower Upper
91 100
106 31.5 26.2 39.2

Manual Integrations
APPROVED

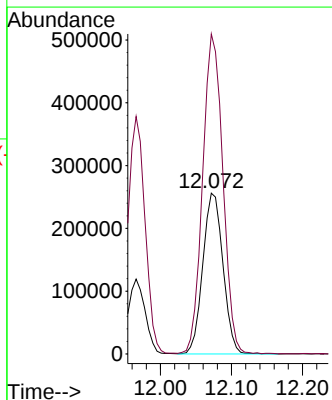
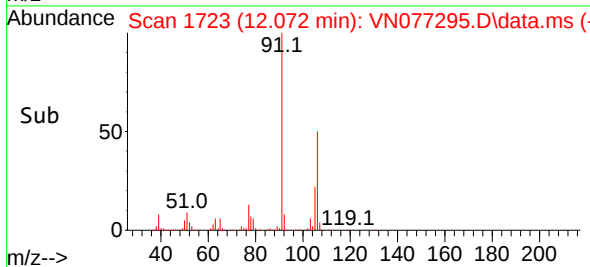
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

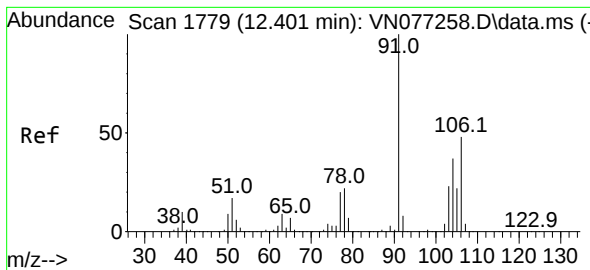


#68
m/p-Xylenes
Concen: 38.743 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



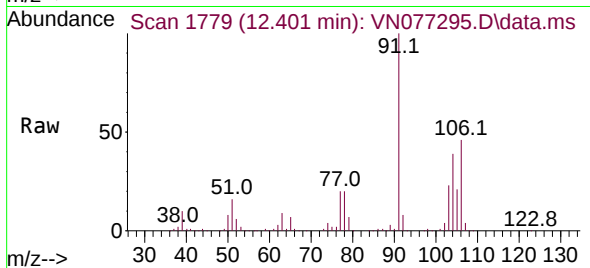
Tgt Ion:106 Resp: 505446
Ion Ratio Lower Upper
106 100
91 199.7 158.7 238.1





#69
o-Xylene
Concen: 19.619 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

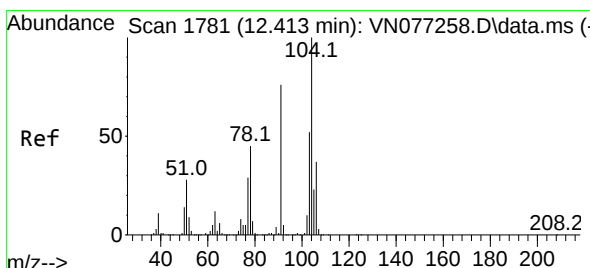
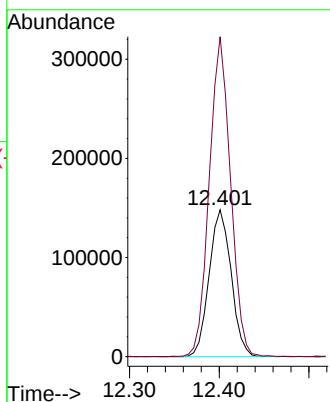
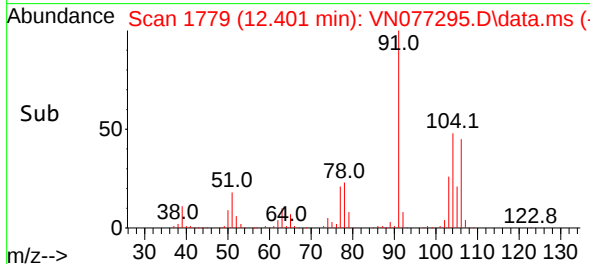
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



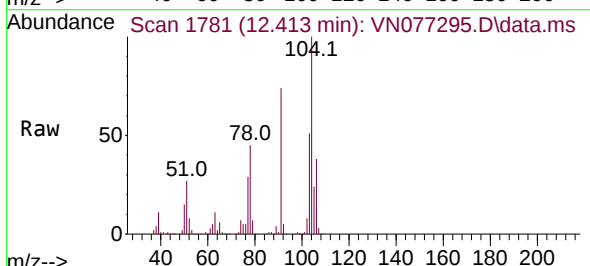
Tgt Ion:106 Resp: 252500
Ion Ratio Lower Upper
106 100
91 210.7 104.0 312.0

Manual Integrations
APPROVED

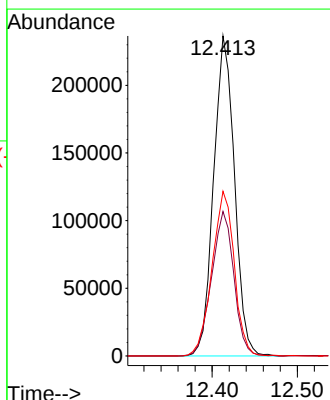
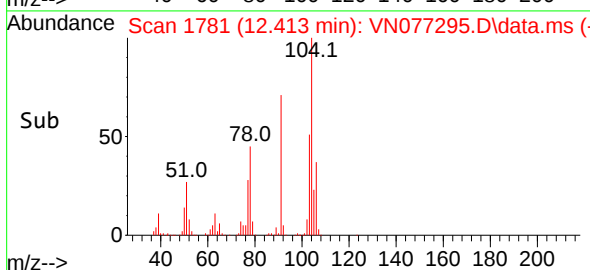
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

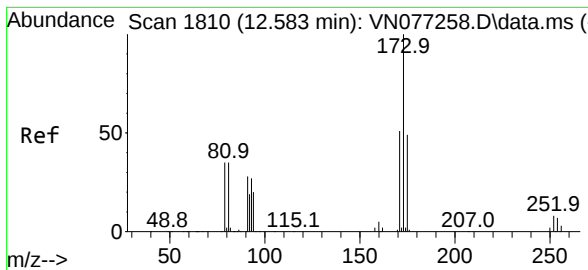


#70
Styrene
Concen: 19.395 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



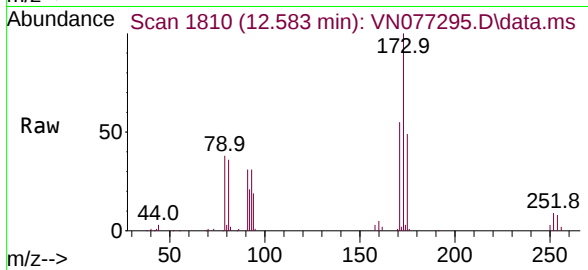
Tgt Ion:104 Resp: 401693
Ion Ratio Lower Upper
104 100
78 48.4 38.0 57.0
103 54.8 43.1 64.7





#71
Bromoform
Concen: 19.526 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

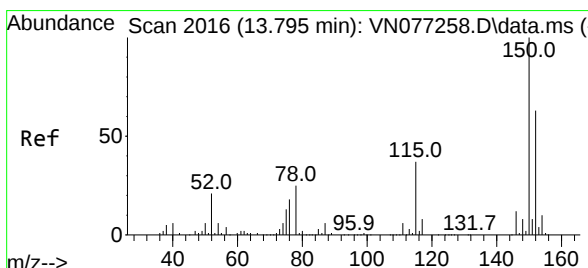
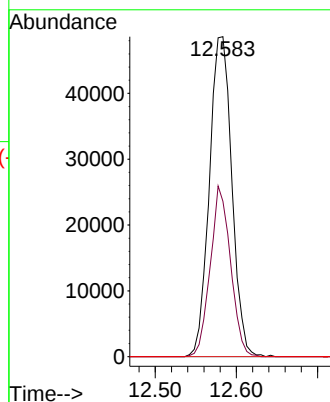
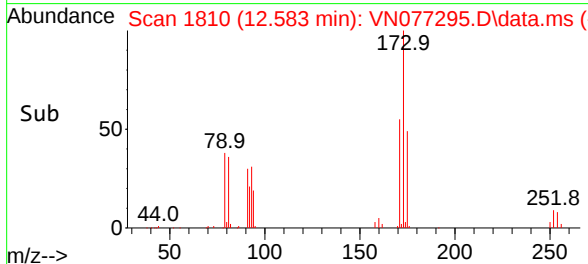
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



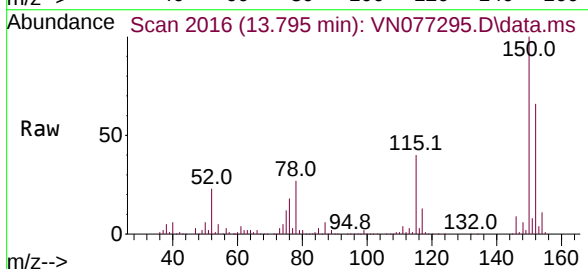
Tgt Ion:173 Resp: 93574
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

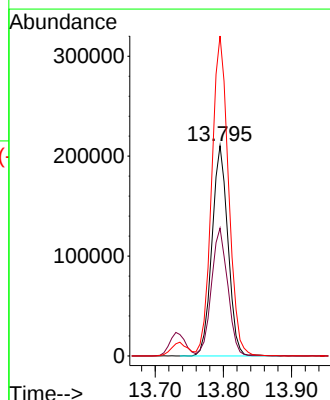
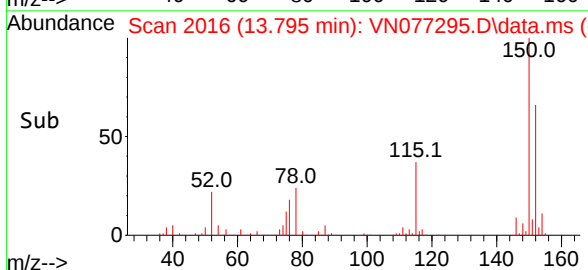
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

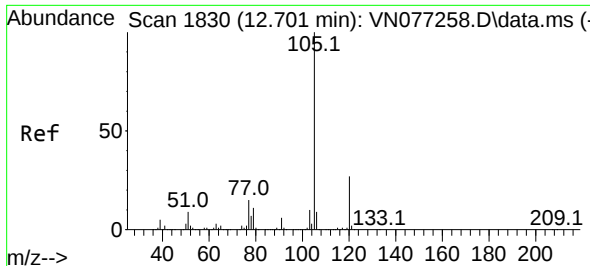


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



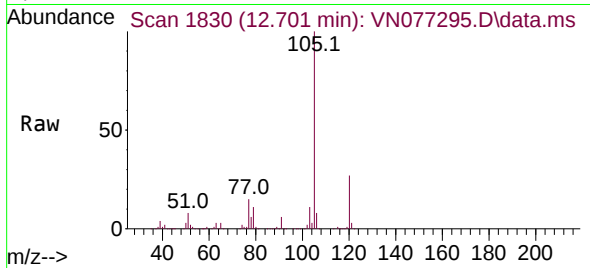
Tgt Ion:152 Resp: 342210
Ion Ratio Lower Upper
152 100
115 62.1 32.1 96.3
150 160.7 0.0 354.8





#73
Isopropylbenzene
Concen: 19.207 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

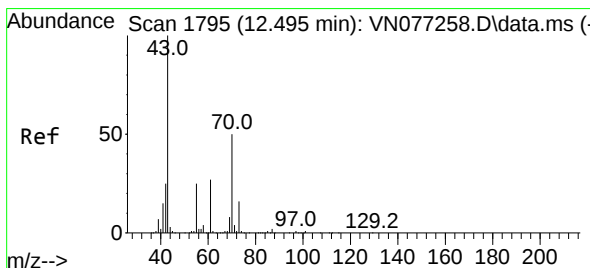
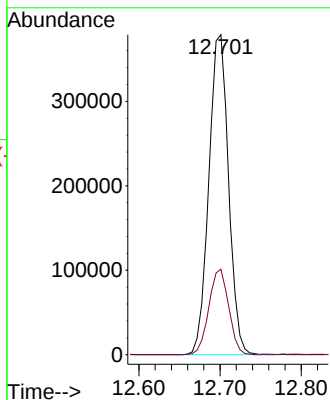
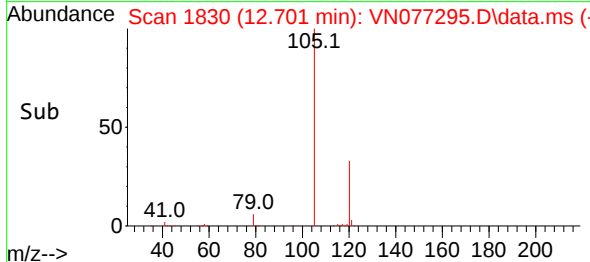
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



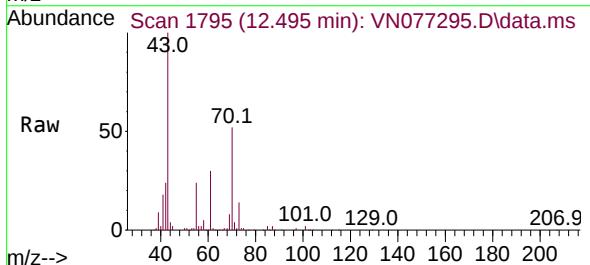
Tgt Ion: 105 Resp: 638418
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6

Manual Integrations
APPROVED

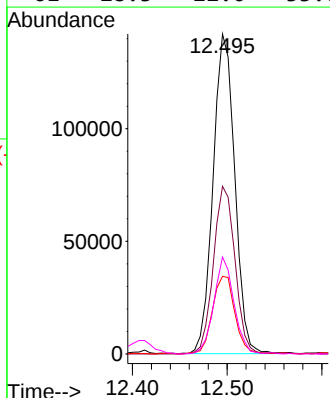
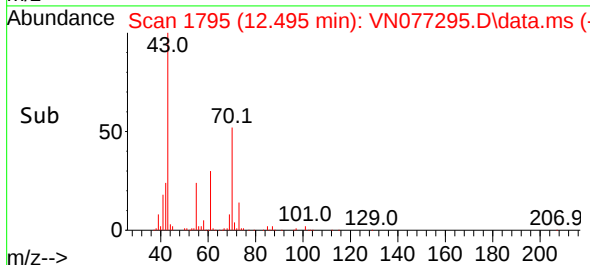
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

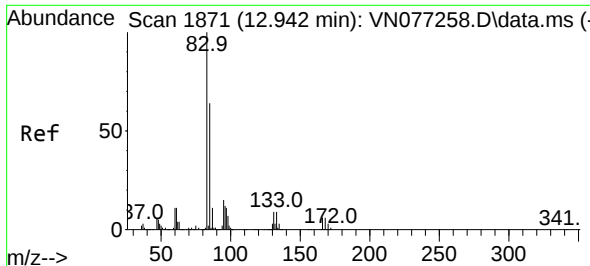


#74
N-ethyl acetate
Concen: 17.912 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



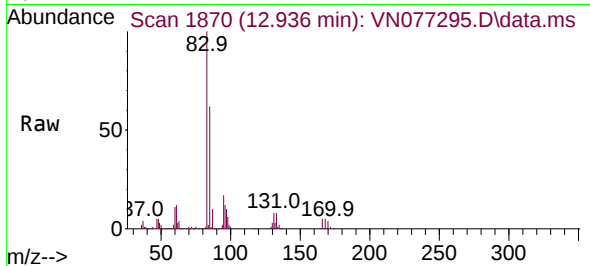
Tgt Ion: 43 Resp: 225626
Ion Ratio Lower Upper
43 100
70 52.4 41.0 61.6
55 25.3 19.3 28.9
61 28.3 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.622 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

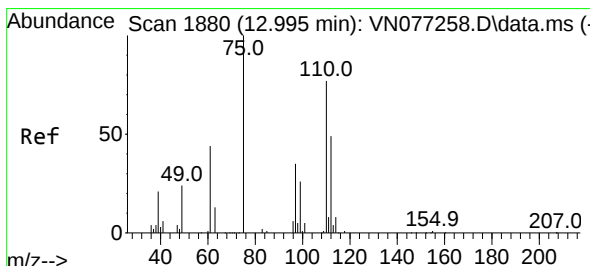
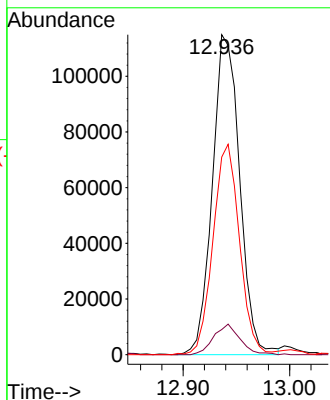
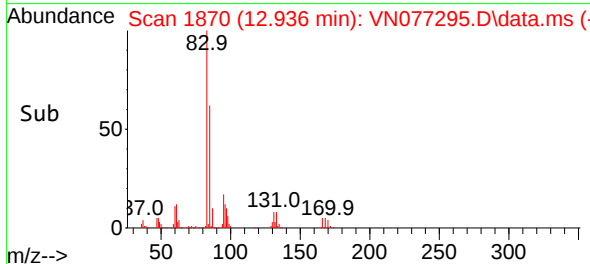
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



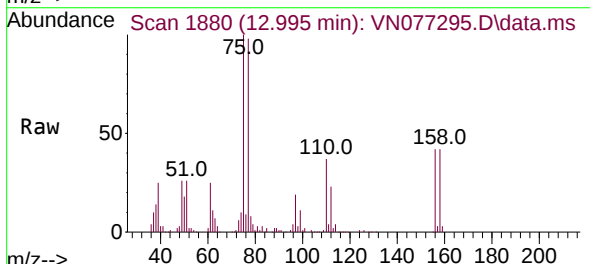
Tgt Ion: 83 Resp: 204682
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 63.7 32.1 96.3

Manual Integrations
APPROVED

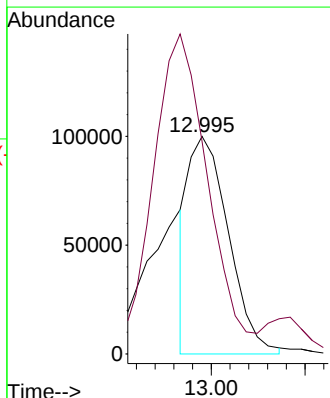
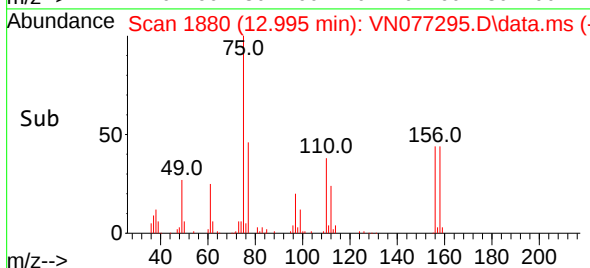
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

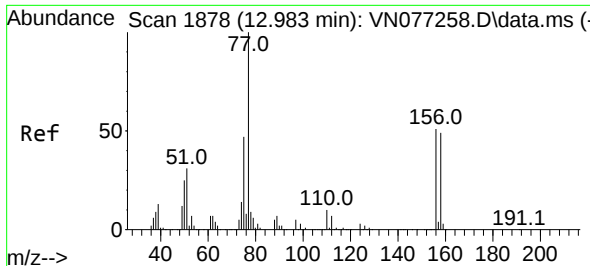


#76
1,2,3-Trichloropropane
Concen: 18.213 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



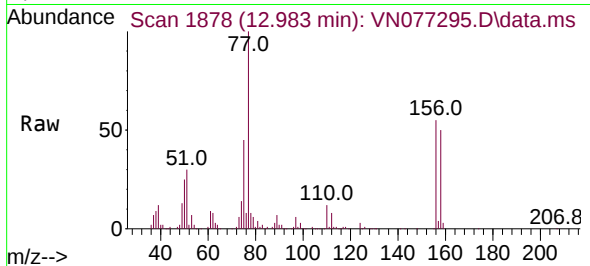
Tgt Ion: 75 Resp: 148416
Ion Ratio Lower Upper
75 100
77 202.6 88.3 264.9





#77
Bromobenzene
Concen: 19.761 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

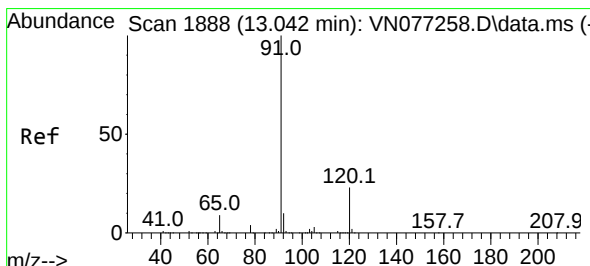
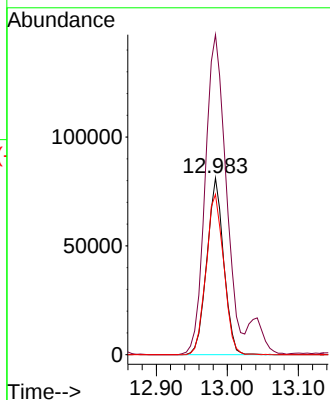
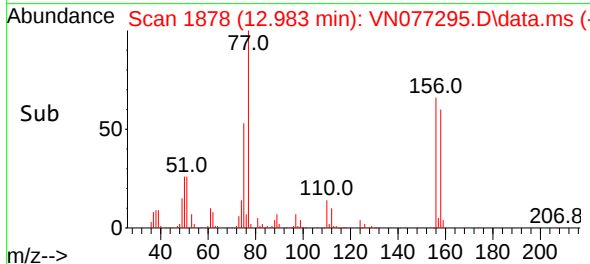
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



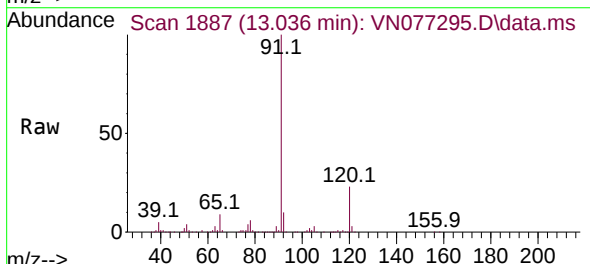
Tgt Ion:156 Resp: 13355
Ion Ratio Lower Upper
156 100
77 225.1 115.3 345.8
158 95.6 49.3 147.8

Manual Integrations
APPROVED

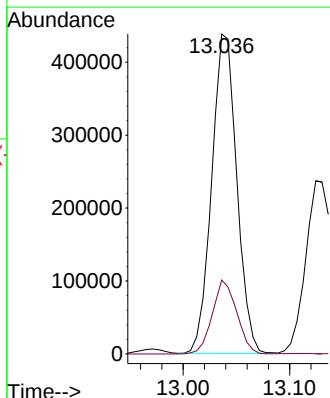
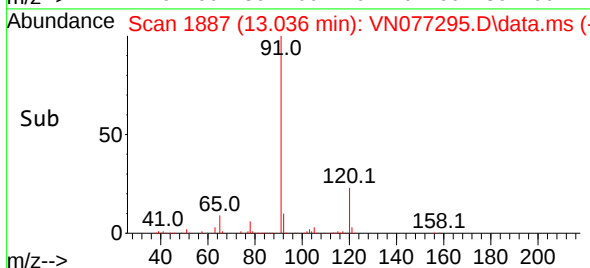
Reviewed By :John Carbone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

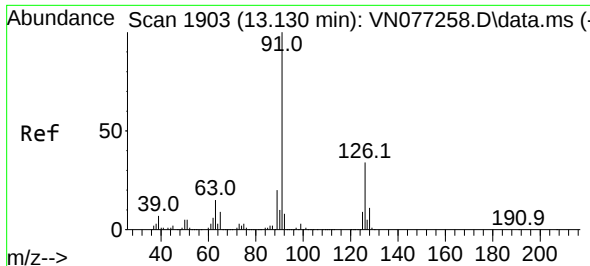


#78
n-propylbenzene
Concen: 19.500 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



Tgt Ion: 91 Resp: 716155
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5





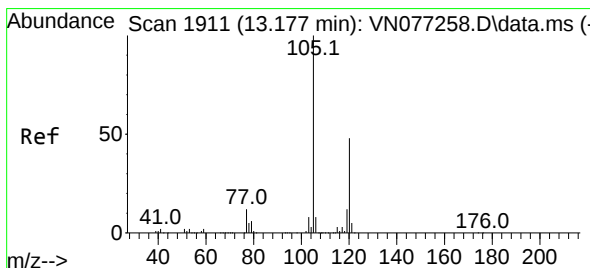
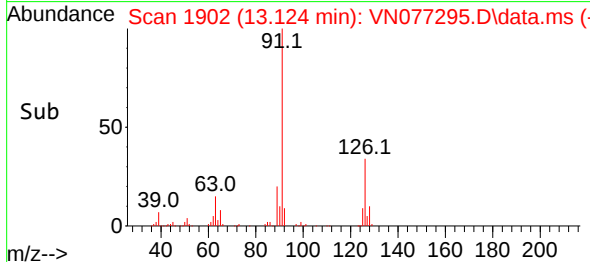
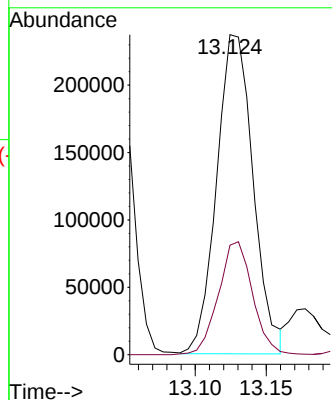
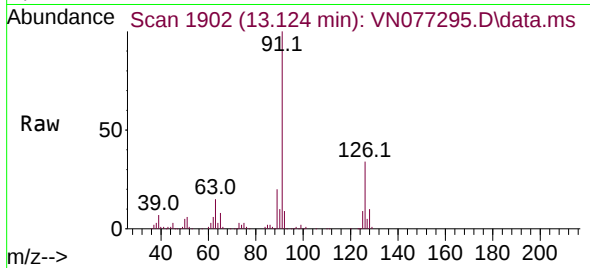
#79
2-Chlorotoluene
Concen: 19.191 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion: 91 Resp: 42438
Ion Ratio Lower Upper
91 100
126 33.1 16.8 50.4

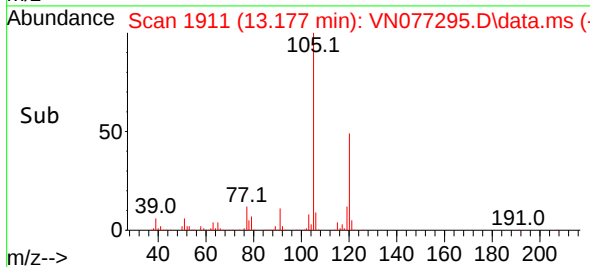
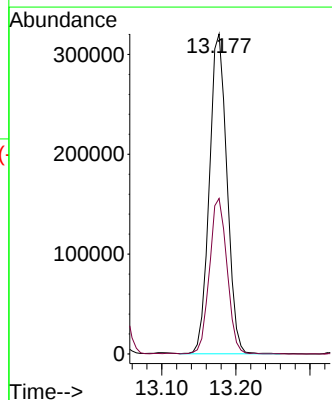
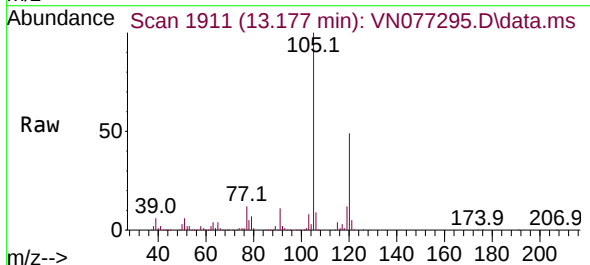
Manual Integrations
APPROVED

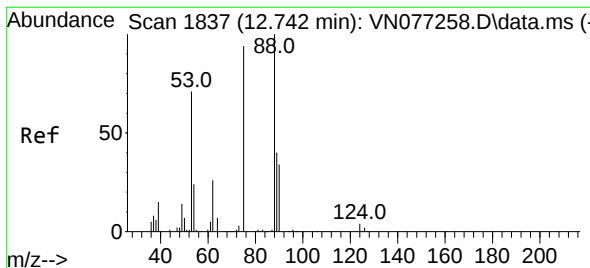
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.887 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

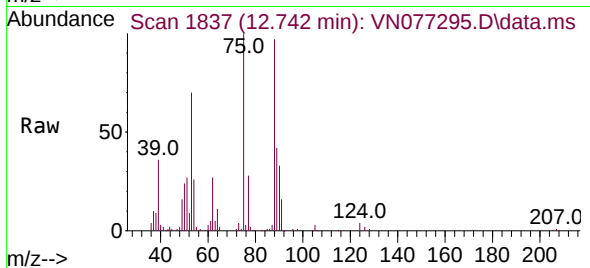
Tgt Ion:105 Resp: 527969
Ion Ratio Lower Upper
105 100
120 48.5 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.924 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

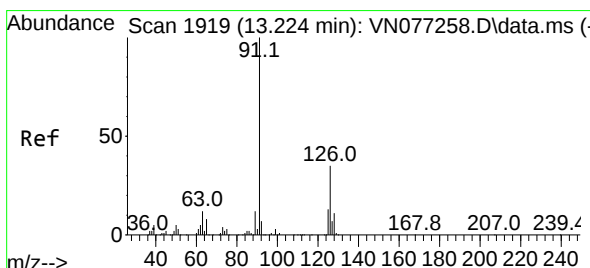
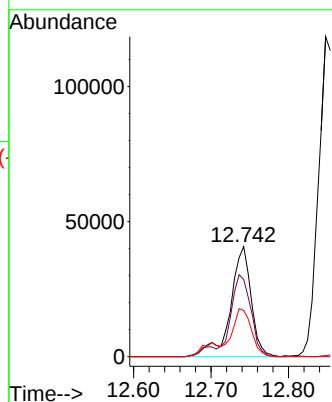
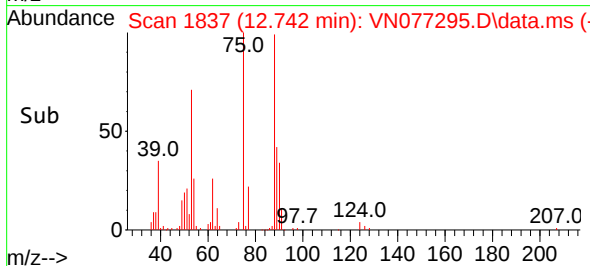
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion: 75 Resp: 75772
Ion Ratio Lower Upper
75 100
53 70.8 72.8 109.2
89 40.1 37.4 56.2

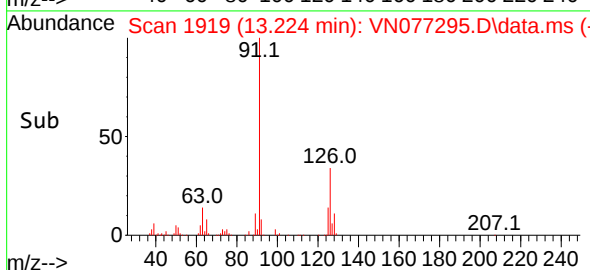
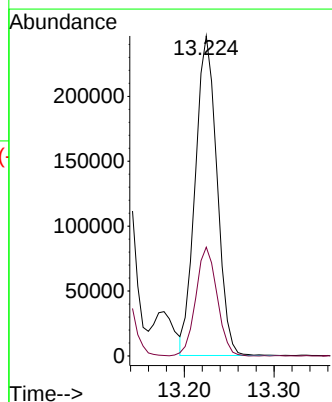
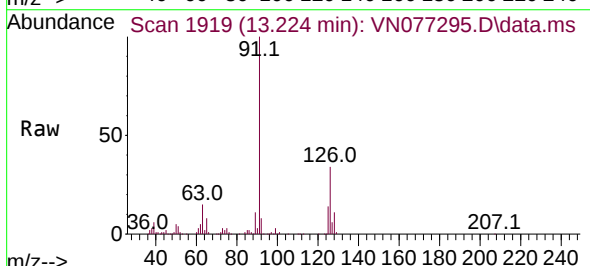
Manual Integrations
APPROVED

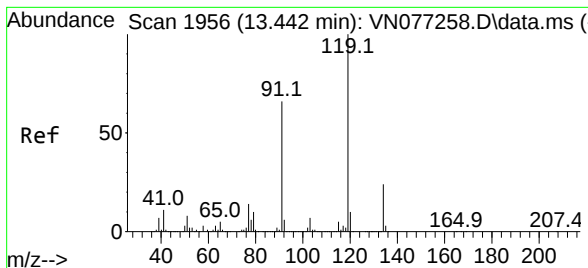
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#82
4-Chlorotoluene
Concen: 19.812 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

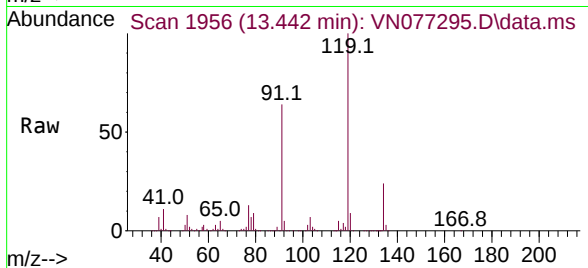
Tgt Ion: 91 Resp: 413086
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.352 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

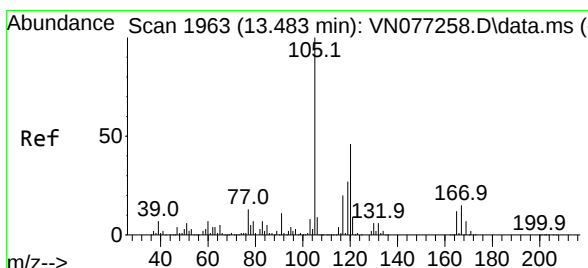
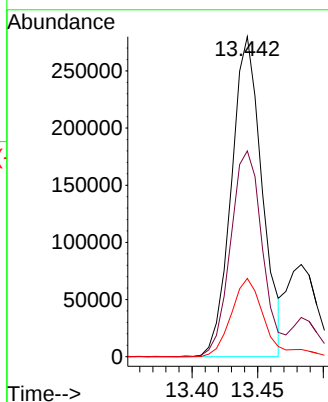
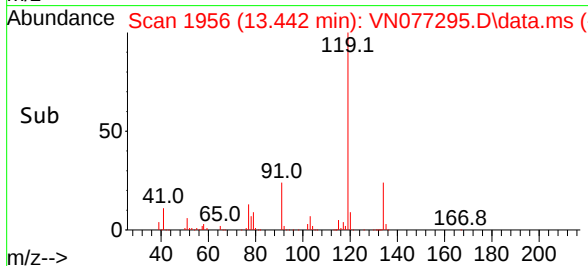
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



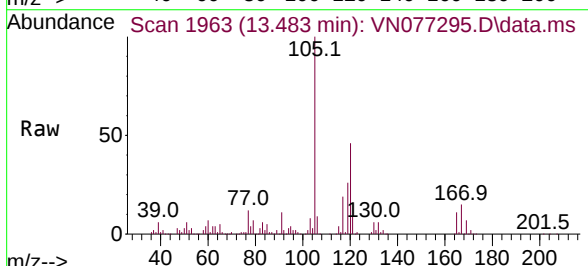
Tgt Ion:119 Resp: 457288
Ion Ratio Lower Upper
119 100
91 67.4 33.5 100.4
134 26.7 13.3 39.9

Manual Integrations
APPROVED

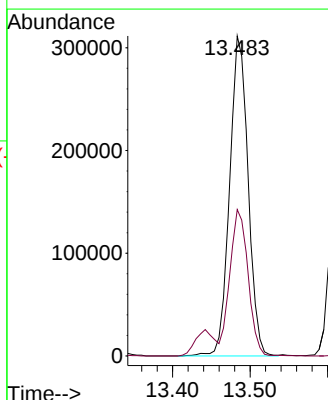
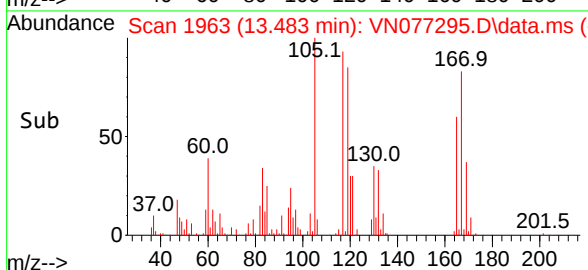
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

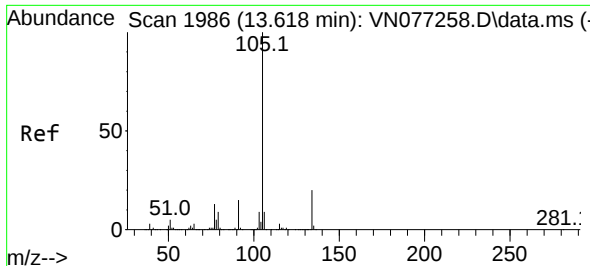


#84
1,2,4-Trimethylbenzene
Concen: 19.697 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



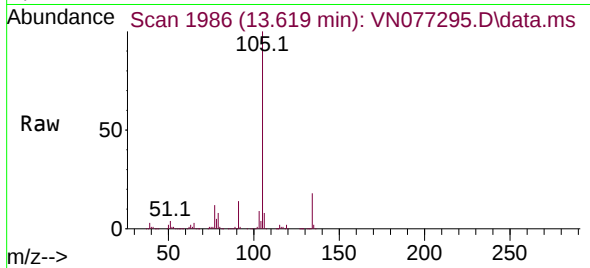
Tgt Ion:105 Resp: 516602
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 19.885 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077295.D
 Acq: 11 Apr 2023 11:23

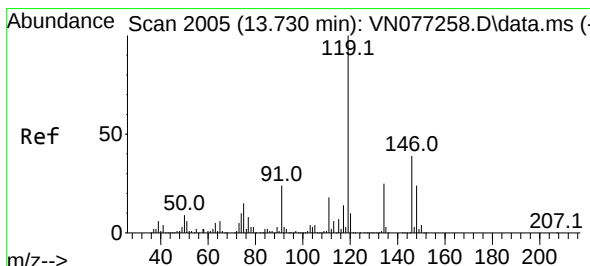
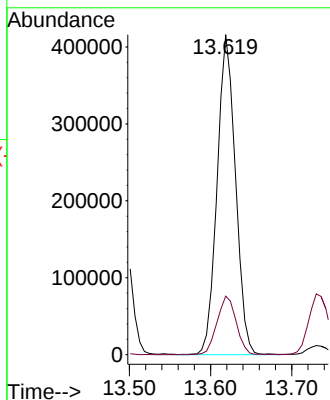
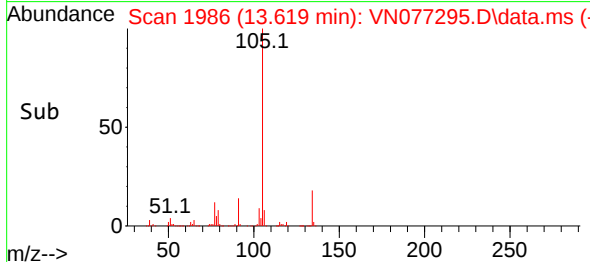
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01



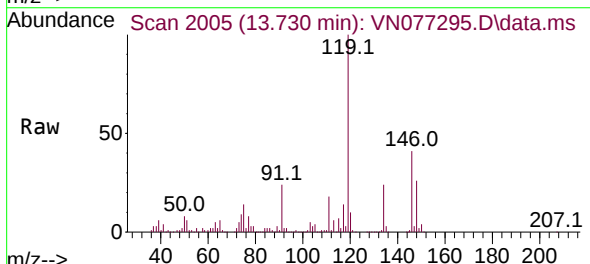
Tgt Ion:105 Resp: 654859
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

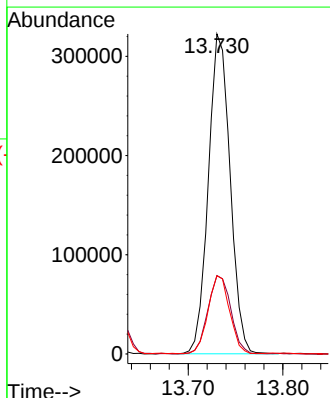
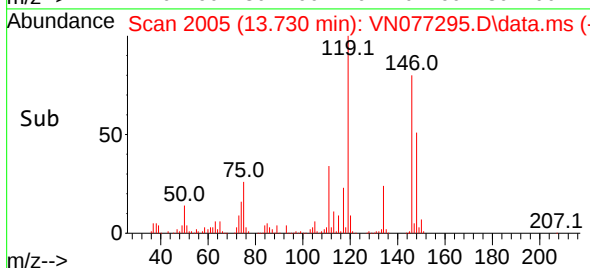
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

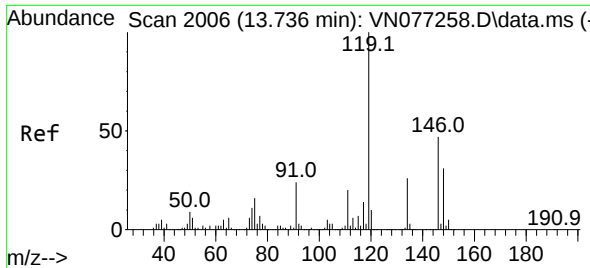


#86
 p-Isopropyltoluene
 Concen: 19.900 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077295.D
 Acq: 11 Apr 2023 11:23



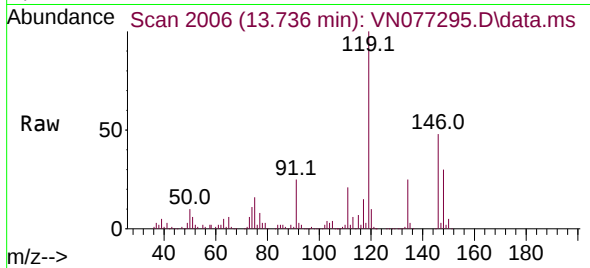
Tgt Ion:119 Resp: 515057
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.0 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 19.795 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

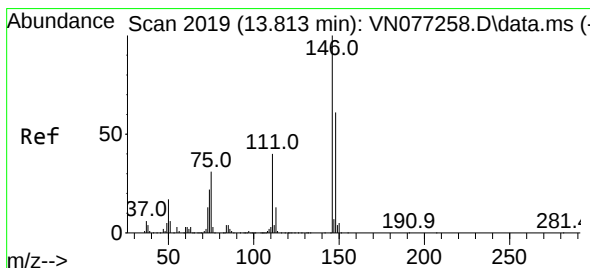
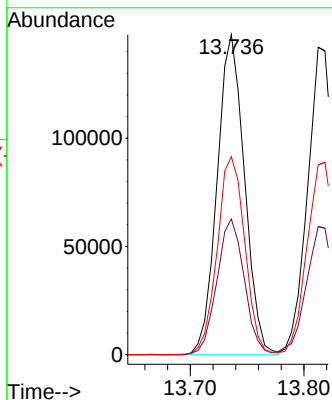
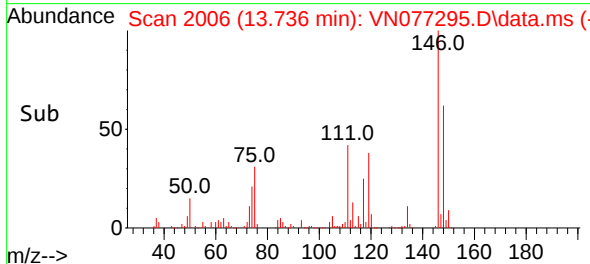
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:146 Resp: 247511
Ion Ratio Lower Upper
146 100
111 42.3 21.8 65.4
148 62.5 31.7 95.1

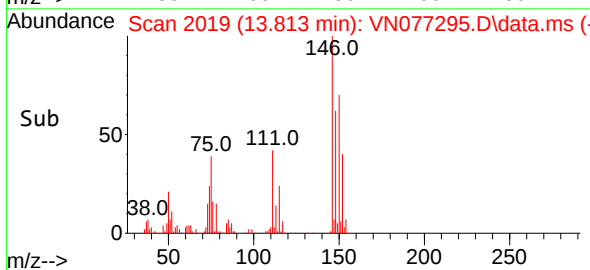
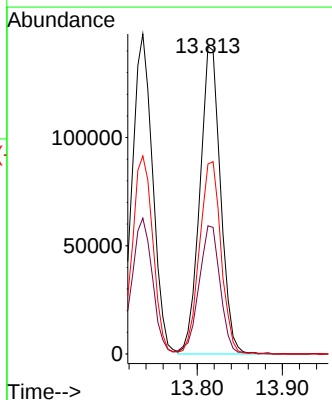
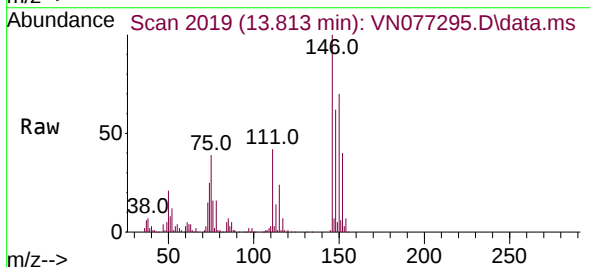
Manual Integrations
APPROVED

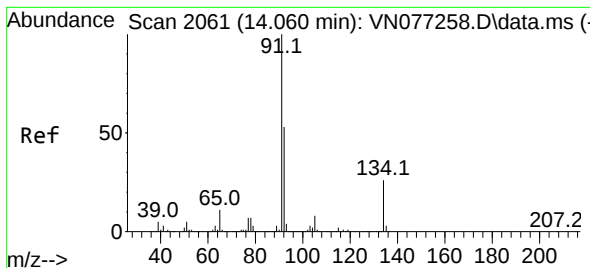
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#88
1,4-Dichlorobenzene
Concen: 19.430 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

Tgt Ion:146 Resp: 239574
Ion Ratio Lower Upper
146 100
111 43.1 20.4 61.2
148 65.0 31.6 95.0





#89

n-Butylbenzene

Concen: 20.179 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBSD01

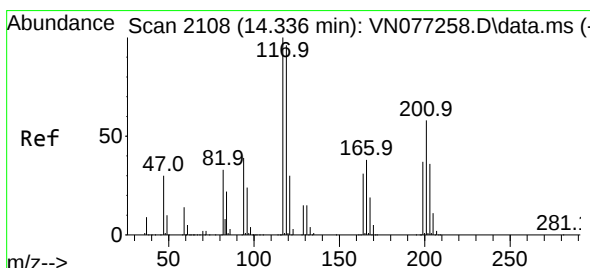
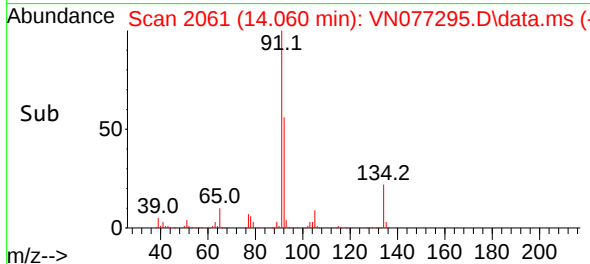
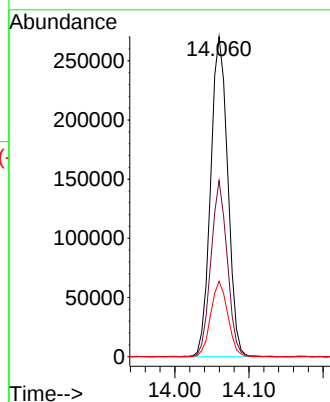
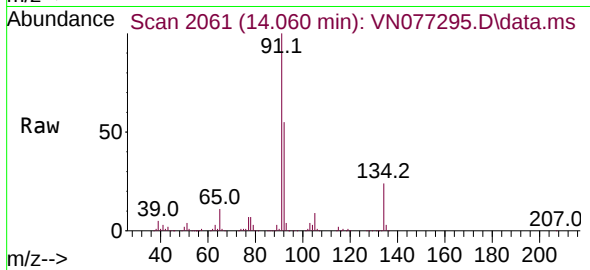
Tgt Ion:	91	Resp:	43357
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.7	80.0
134	23.5	12.8	38.3

Manual Integrations

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Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#90

Hexachloroethane

Concen: 19.336 ug/l

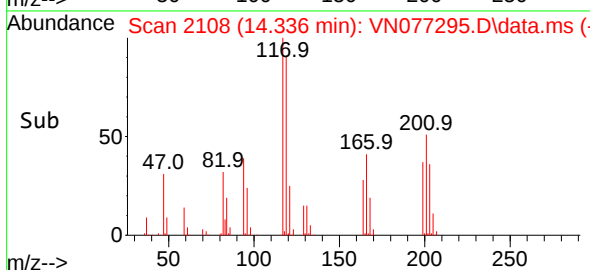
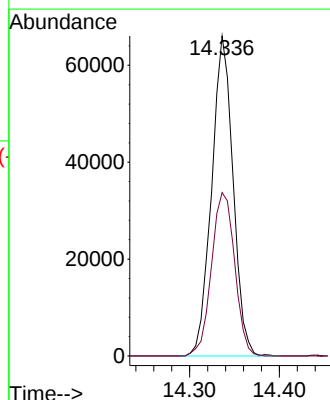
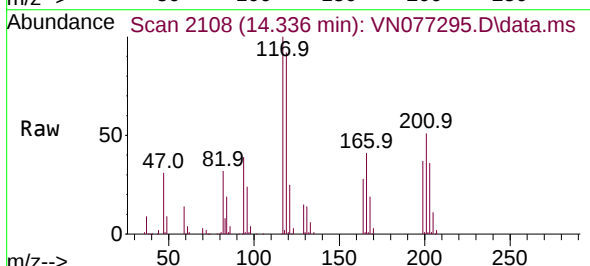
RT: 14.336 min Scan# 2108

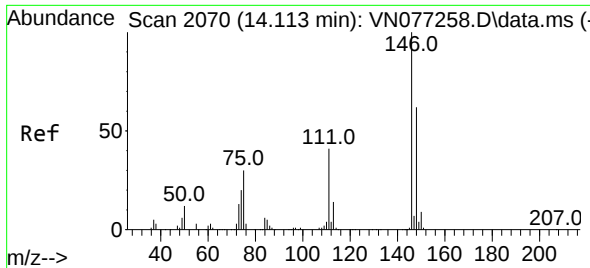
Delta R.T. 0.000 min

Lab File: VN077295.D

Acq: 11 Apr 2023 11:23

Tgt Ion:	117	Resp:	109421
Ion Ratio	Lower	Upper	
117	100		
201	55.4	29.8	89.5





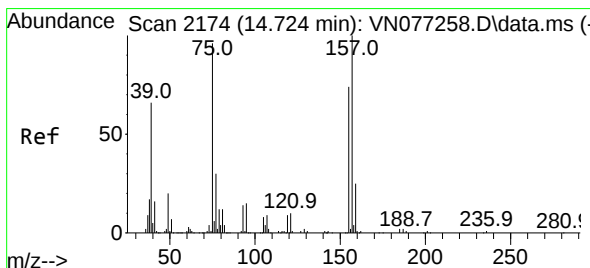
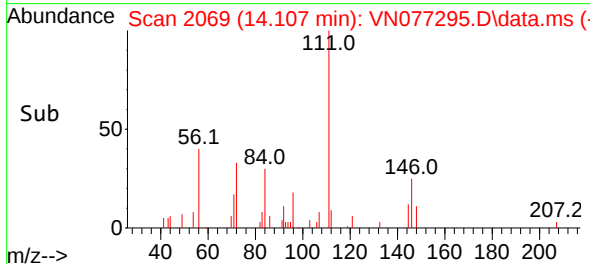
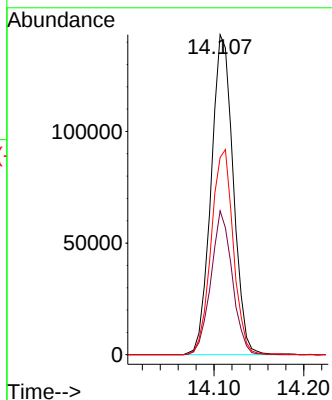
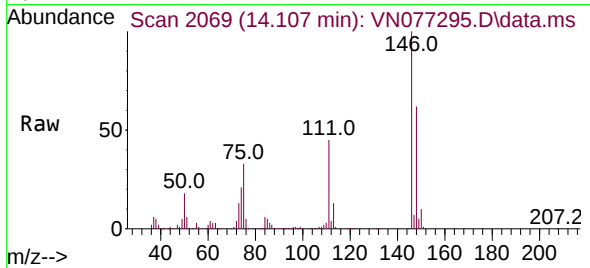
#91
1,2-Dichlorobenzene
Concen: 19.608 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01

Tgt Ion:146 Resp: 245260
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.5
148 64.0 31.9 95.5

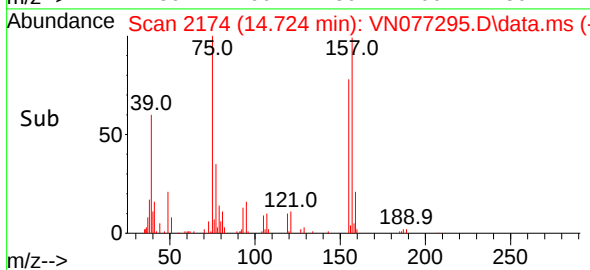
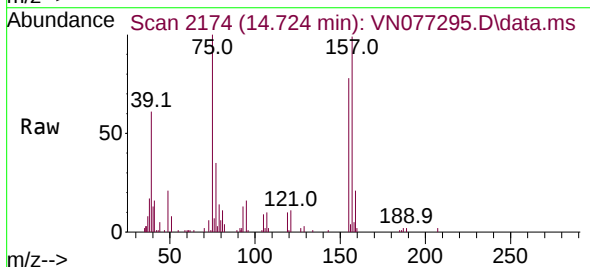
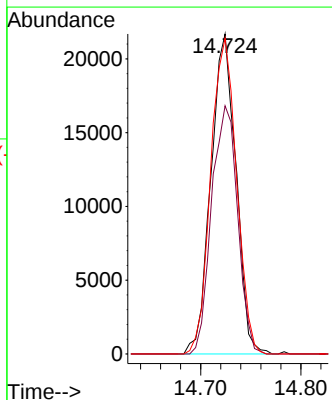
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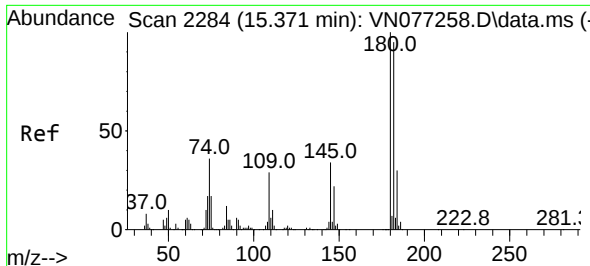
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.000 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

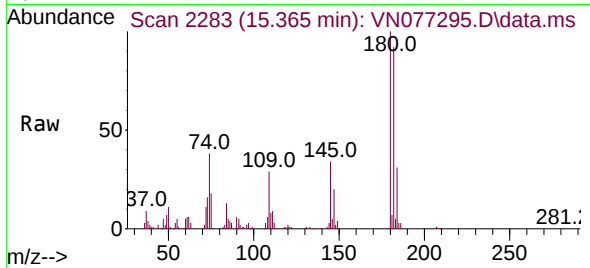
Tgt Ion: 75 Resp: 37560
Ion Ratio Lower Upper
75 100
155 80.4 41.0 123.2
157 101.8 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 18.304 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

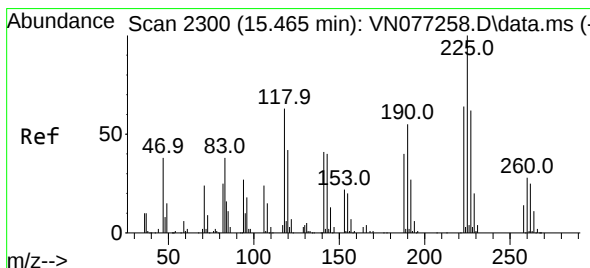
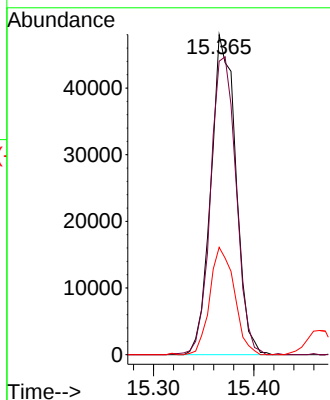
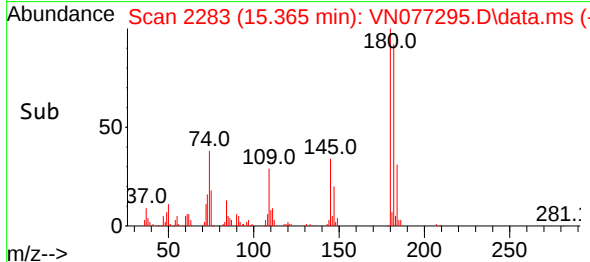
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



Tgt Ion:180 Resp: 82650
Ion Ratio Lower Upper
180 100
182 95.6 46.7 140.0
145 33.1 16.6 49.8

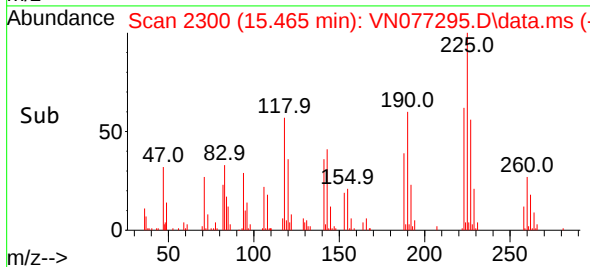
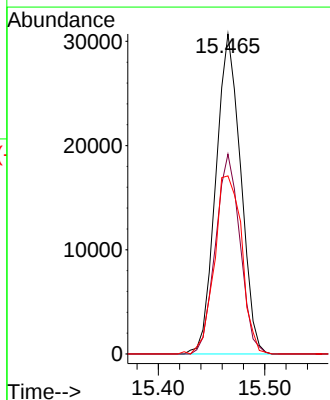
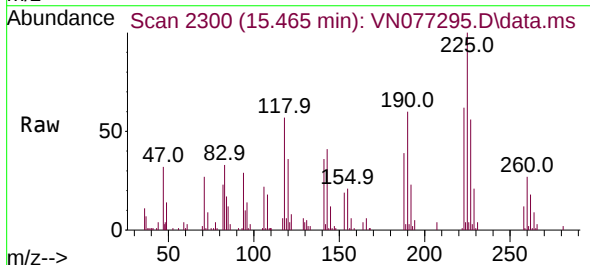
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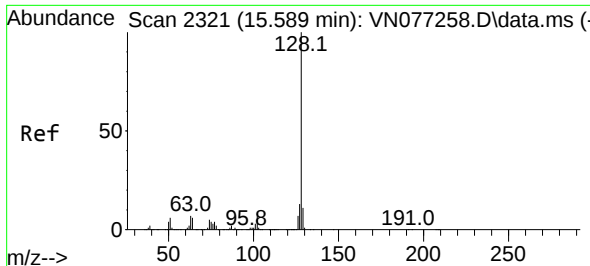
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#94
Hexachlorobutadiene
Concen: 19.004 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

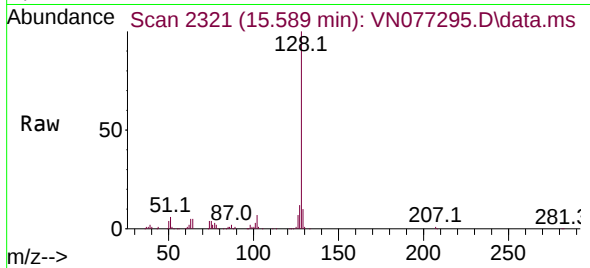
Tgt Ion:225 Resp: 49673
Ion Ratio Lower Upper
225 100
223 61.6 31.7 95.1
227 61.3 31.2 93.6





#95
Naphthalene
Concen: 19.157 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23

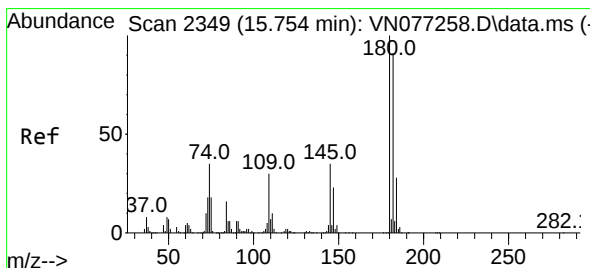
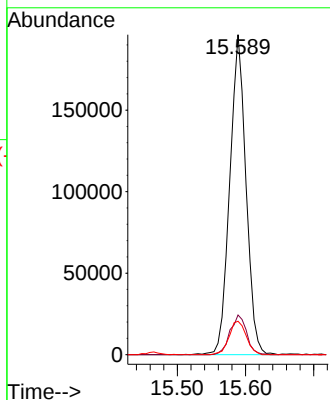
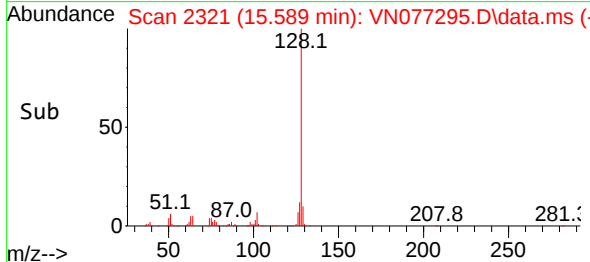
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBSD01



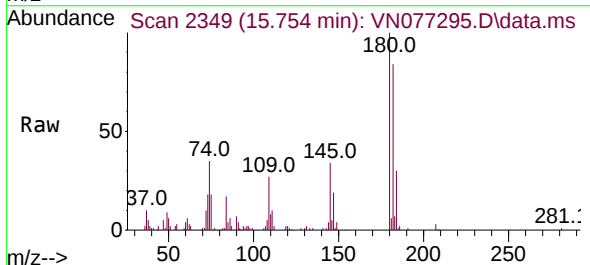
Tgt Ion:128 Resp: 32495
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.331 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077295.D
Acq: 11 Apr 2023 11:23



Tgt Ion:180 Resp: 83492
Ion Ratio Lower Upper
180 100
182 89.7 46.9 140.8
145 34.0 17.6 52.8

