

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077294.D
 Acq On : 11 Apr 2023 10:49
 Operator : JC\MD
 Sample : VN0411WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

Quant Time: Apr 12 04:36:43 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	488113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	951732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	880301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	366952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	346718	51.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.940%			
35) Dibromofluoromethane	8.172	113	305667	50.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	10.572	98	1255877	51.203	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.848	95	412323	50.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	112068	17.988	ug/l	98
3) Chloromethane	2.372	50	132566	17.171	ug/l	100
4) Vinyl Chloride	2.525	62	187978	17.958	ug/l	99
5) Bromomethane	2.960	94	142909	18.832	ug/l	88
6) Chloroethane	3.125	64	130933	17.527	ug/l	99
7) Trichlorofluoromethane	3.507	101	178603	19.678	ug/l	96
8) Diethyl Ether	3.972	74	74847	19.679	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	108744	19.577	ug/l	99
10) Methyl Iodide	4.601	142	125084	18.516	ug/l	100
11) Tert butyl alcohol	5.531	59	124979	91.811	ug/l	98
12) 1,1-Dichloroethene	4.348	96	106751	18.670	ug/l	98
13) Acrolein	4.184	56	129465	100.419	ug/l	99
14) Allyl chloride	5.031	41	145933	16.898	ug/l	96
15) Acrylonitrile	5.731	53	271420	90.190	ug/l	99
16) Acetone	4.437	43	241366	98.128	ug/l	99
17) Carbon Disulfide	4.719	76	284201	18.432	ug/l	96
18) Methyl Acetate	5.037	43	162882	17.387	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	385328	18.992	ug/l	95
20) Methylene Chloride	5.290	84	124977	17.991	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	120579	19.260	ug/l	96
22) Diisopropyl ether	6.678	45	328072	18.949	ug/l	99
23) Vinyl Acetate	6.613	43	1091901	93.272	ug/l	97
24) 1,1-Dichloroethane	6.578	63	209280	18.719	ug/l	100
25) 2-Butanone	7.489	43	356369	89.270	ug/l	94
26) 2,2-Dichloropropane	7.495	77	204943	19.991	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	145850	19.077	ug/l	99
28) Bromochloromethane	7.819	49	89080	19.807	ug/l	96
29) Tetrahydrofuran	7.842	42	226840	88.396	ug/l	97
30) Chloroform	7.972	83	229916	19.284	ug/l	97
31) Cyclohexane	8.260	56	192796	18.599	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	207910	19.174	ug/l	95
36) 1,1-Dichloropropene	8.378	75	168515	18.701	ug/l	100
37) Ethyl Acetate	7.566	43	150433	18.659	ug/l	98
38) Carbon Tetrachloride	8.366	117	180902	19.595	ug/l	98
39) Methylcyclohexane	9.601	83	229355	18.876	ug/l	98
40) Benzene	8.613	78	537413	19.120	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	79215	18.279	ug/l	99
42) 1,2-Dichloroethane	8.672	62	169033	19.540	ug/l	98
43) Isopropyl Acetate	8.689	43	261872	17.603	ug/l	97
44) Trichloroethene	9.354	130	130209	19.361	ug/l	95
45) 1,2-Dichloropropane	9.625	63	133442	19.990	ug/l	97
46) Dibromomethane	9.707	93	96841	19.255	ug/l	97
47) Bromodichloromethane	9.889	83	190927	18.993	ug/l	97
48) Methyl methacrylate	9.683	41	109599	17.270	ug/l	97
49) 1,4-Dioxane	9.695	88	57040	370.716	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	791224	92.011	ug/l	100
52) Toluene	10.630	92	362996	19.731	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	208511	19.101	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	227059	19.528	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	134347	18.603	ug/l	95
56) Ethyl methacrylate	10.877	69	210868	18.747	ug/l	98
57) 1,3-Dichloropropane	11.166	76	229356	19.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	313709	93.689	ug/l	100
59) 2-Hexanone	11.195	43	579932	90.524	ug/l	99
60) Dibromochloromethane	11.360	129	147265	19.800	ug/l	100
61) 1,2-Dibromoethane	11.471	107	139016	19.286	ug/l	99
64) Tetrachloroethene	11.107	164	102468	18.843	ug/l	95
65) Chlorobenzene	11.895	112	369784	19.080	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	136700	18.641	ug/l	98
67) Ethyl Benzene	11.966	91	679861	19.010	ug/l	99
68) m/p-Xylenes	12.071	106	534494	38.036	ug/l	99
69) o-Xylene	12.401	106	272908	19.686	ug/l	97
70) Styrene	12.413	104	421172	18.879	ug/l	99
71) Bromoform	12.577	173	92239	17.869	ug/l #	99
73) Isopropylbenzene	12.701	105	675628	18.956	ug/l	100
74) N-amyl acetate	12.495	43	229898	17.021	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	205016	18.329	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	176656m	20.217	ug/l	
77) Bromobenzene	12.983	156	136073	18.776	ug/l	97
78) n-propylbenzene	13.036	91	761038	19.325	ug/l	99
79) 2-Chlorotoluene	13.130	91	443689	18.711	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	560472	19.688	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	70499	18.156	ug/l	93
82) 4-Chlorotoluene	13.224	91	427211	19.108	ug/l	100
83) tert-Butylbenzene	13.442	119	480333	18.956	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	545451	19.395	ug/l	100
85) sec-Butylbenzene	13.618	105	685985	19.426	ug/l	100
86) p-Isopropyltoluene	13.730	119	545894	19.670	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	255419	19.050	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	253082	19.141	ug/l	99
89) n-Butylbenzene	14.060	91	443197	19.236	ug/l	100
90) Hexachloroethane	14.336	117	114702	18.902	ug/l	97
91) 1,2-Dichlorobenzene	14.113	146	258415	19.266	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	37237	17.566	ug/l	96
93) 1,2,4-Trichlorobenzene	15.365	180	87184	18.006	ug/l	98
94) Hexachlorobutadiene	15.465	225	51972	18.543	ug/l	99
95) Naphthalene	15.589	128	321150	17.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	83717	18.076	ug/l	98

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

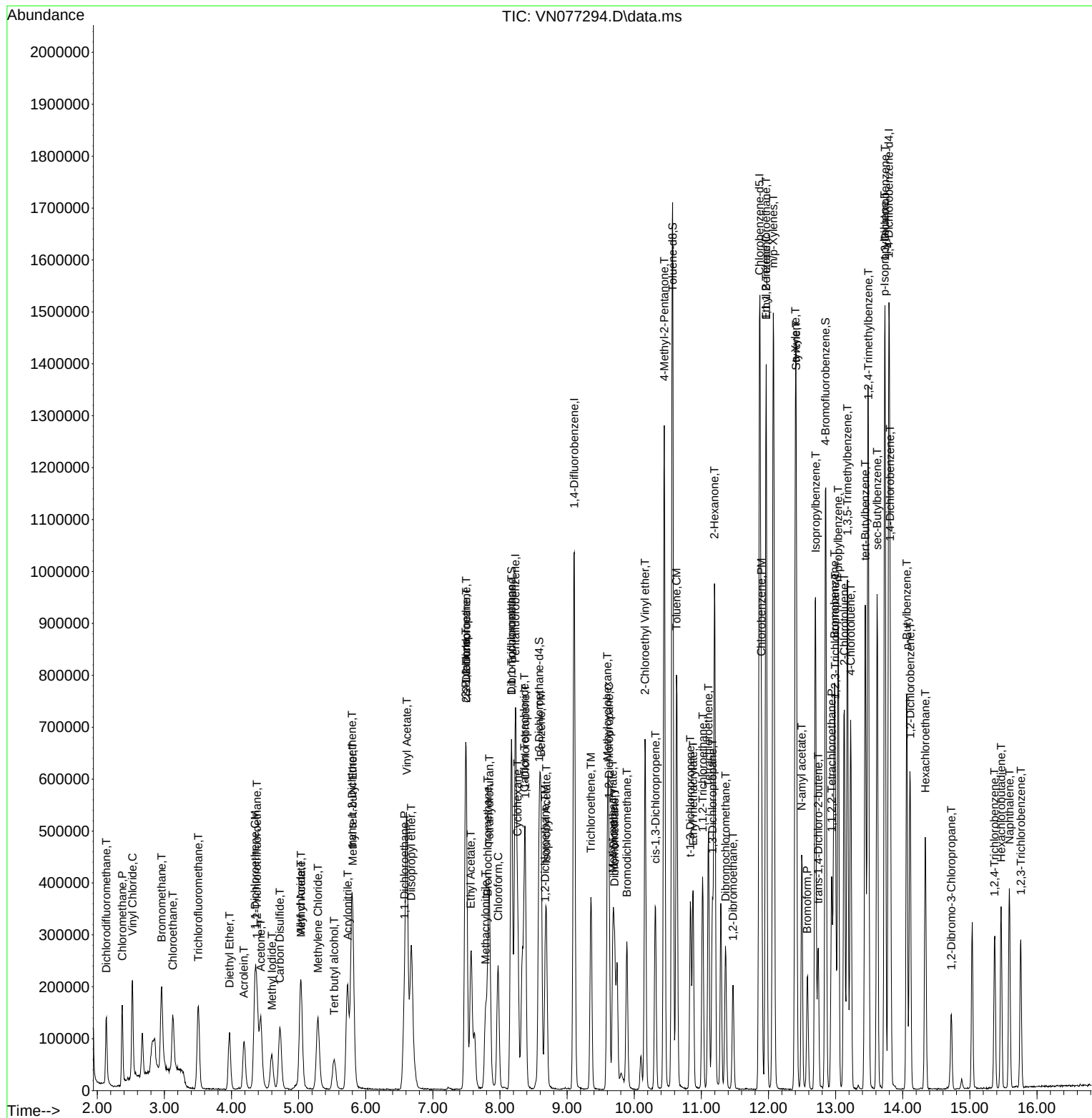
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
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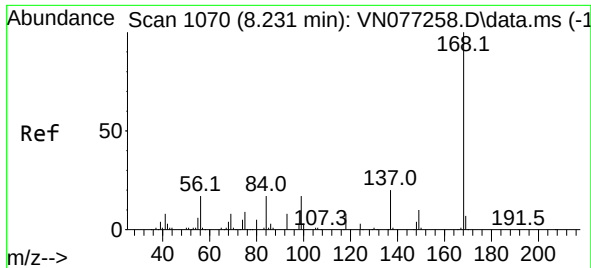
Instrument :
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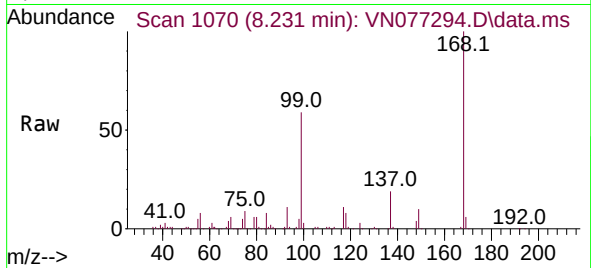
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077294.D
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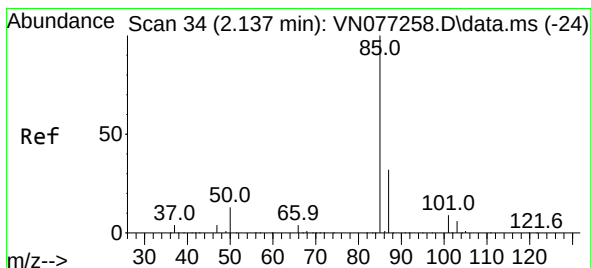
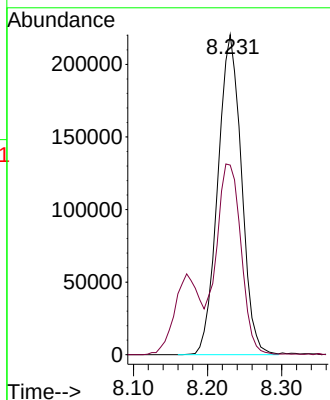
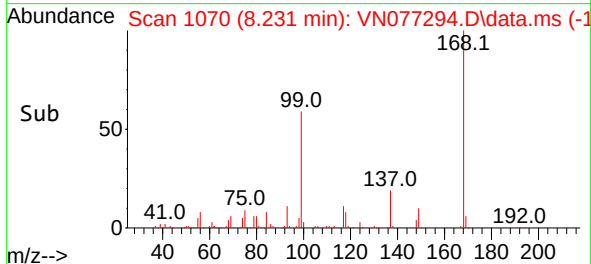
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



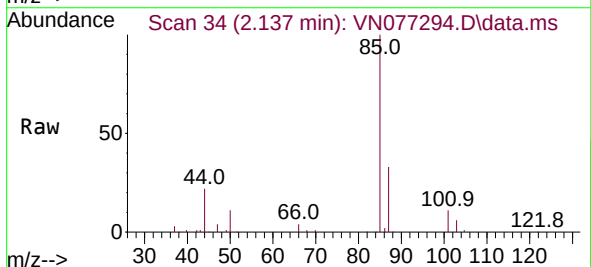
Tgt Ion:168 Resp: 48811
Ion Ratio Lower Upper
168 100
99 59.0 50.6 75.8

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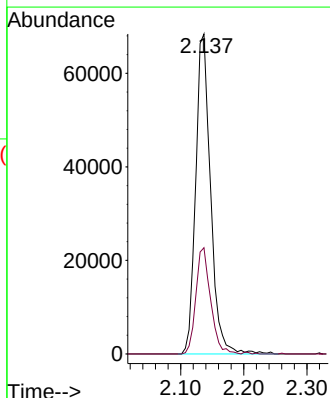
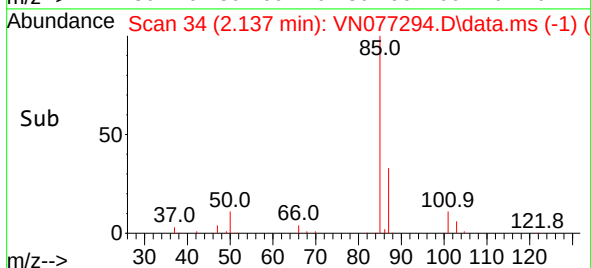
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

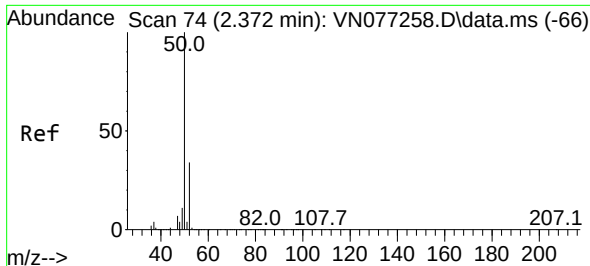


#2
Dichlorodifluoromethane
Concen: 17.988 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



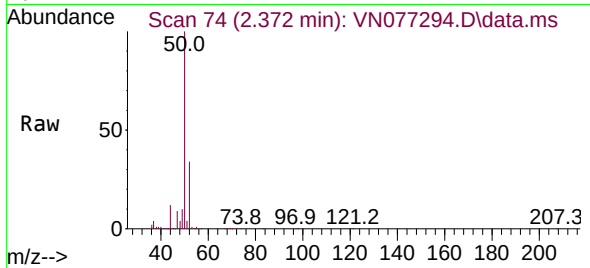
Tgt Ion: 85 Resp: 112068
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2





#3
Chloromethane
Concen: 17.171 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

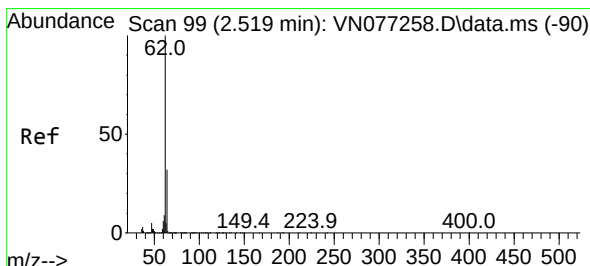
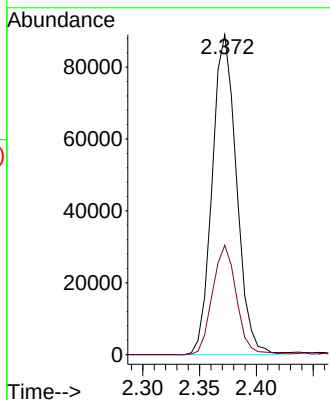
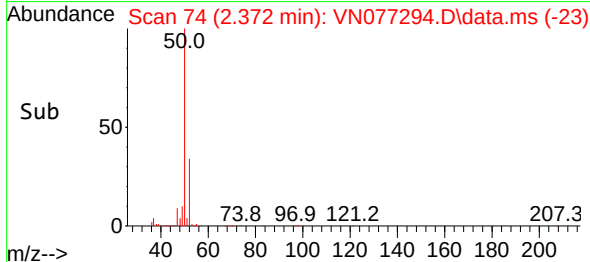
Instrument :
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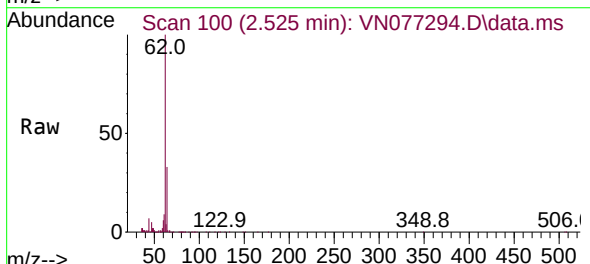
Tgt Ion: 50 Resp: 132560
Ion Ratio Lower Upper
50 100
52 34.2 27.3 40.9

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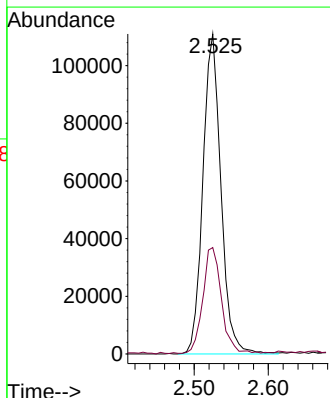
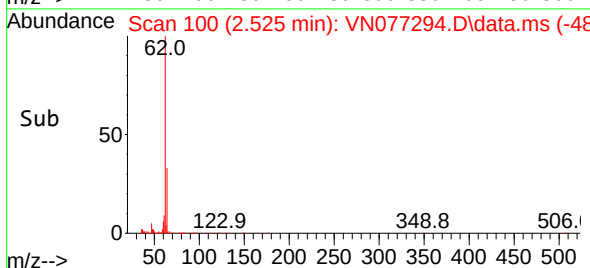
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

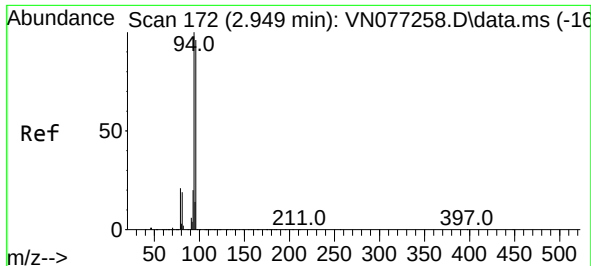


#4
Vinyl Chloride
Concen: 17.958 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



Tgt Ion: 62 Resp: 187978
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.8





#5

Bromomethane

Concen: 18.832 ug/l

RT: 2.960 min Scan# 1

Delta R.T. 0.011 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

Tgt Ion: 94 Resp: 142909

Ion Ratio Lower Upper

94 100

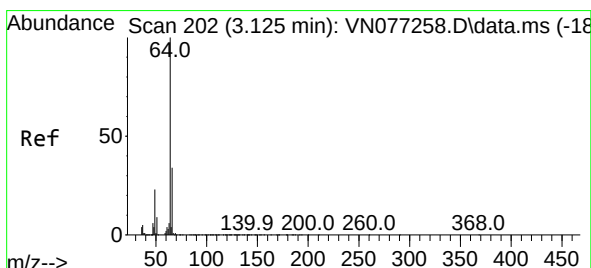
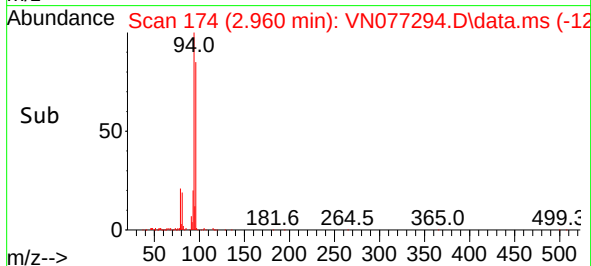
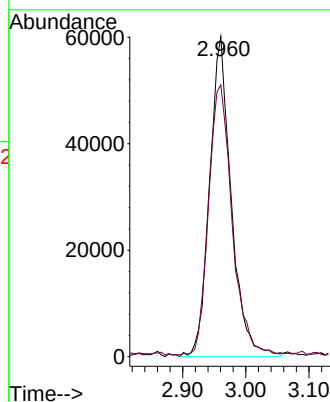
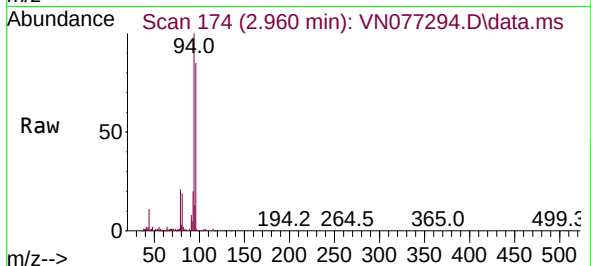
96 84.3 77.0 115.4

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 04/12/2023



#6

Chloroethane

Concen: 17.527 ug/l

RT: 3.125 min Scan# 202

Delta R.T. -0.000 min

Lab File: VN077294.D

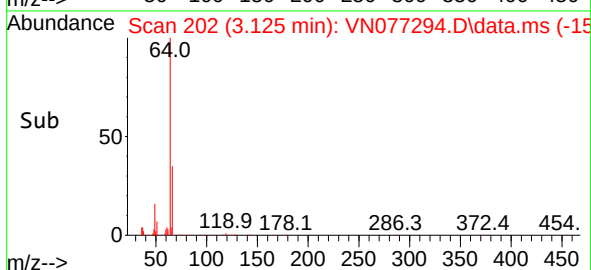
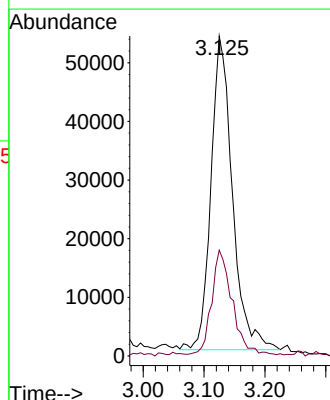
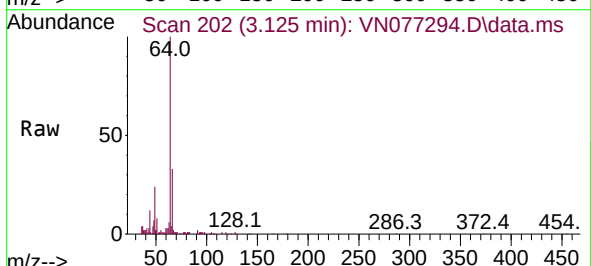
Acq: 11 Apr 2023 10:49

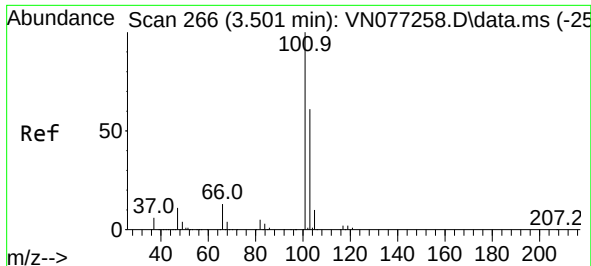
Tgt Ion: 64 Resp: 130933

Ion Ratio Lower Upper

64 100

66 33.0 26.9 40.3





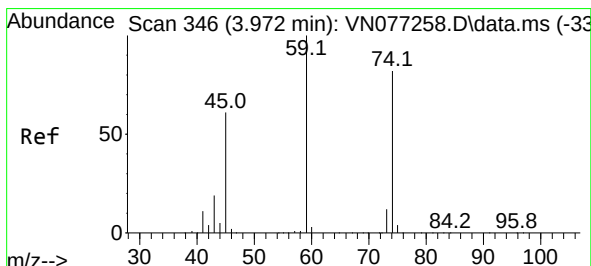
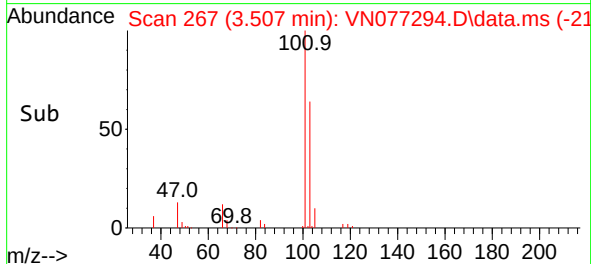
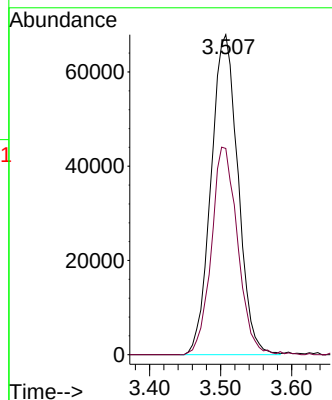
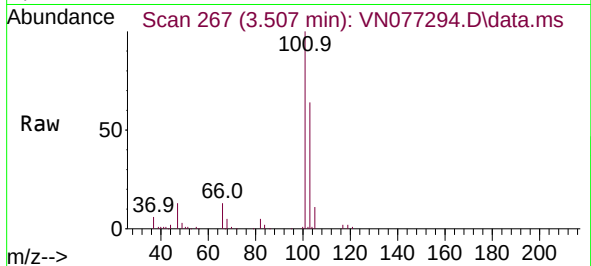
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 Trichlorofluoromethane
 Concen: 19.678 ug/l
 RT: 3.507 min Scan# 266
 Delta R.T. 0.006 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49

Instrument :
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Tgt Ion:101 Resp: 17860
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.0 73.4

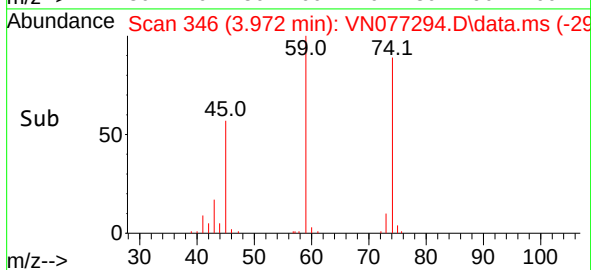
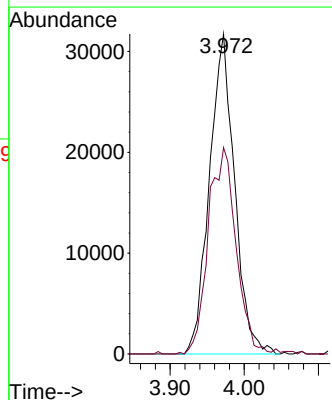
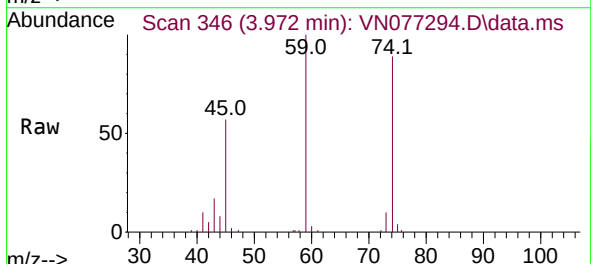
Manual Integrations
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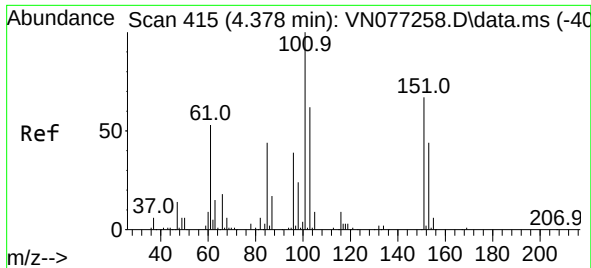
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#8
 Diethyl Ether
 Concen: 19.679 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49

Tgt Ion: 74 Resp: 74847
 Ion Ratio Lower Upper
 74 100
 45 71.1 37.8 113.4





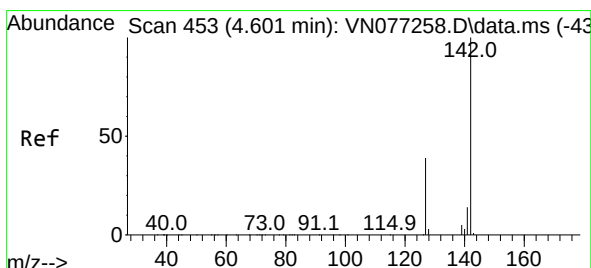
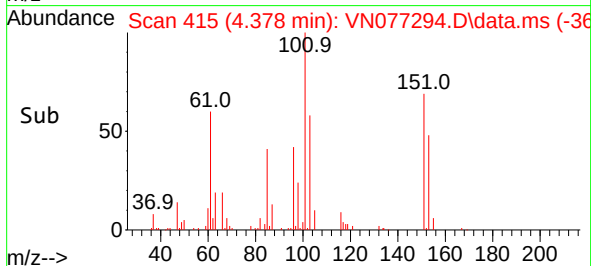
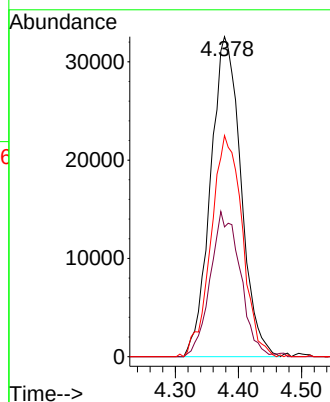
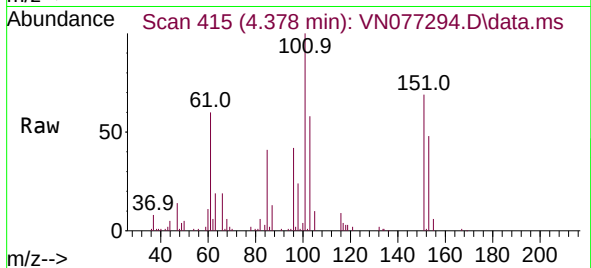
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.577 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion:101 Resp: 108744
Ion Ratio Lower Upper
101 100
85 44.7 37.3 55.9
151 70.8 56.3 84.5

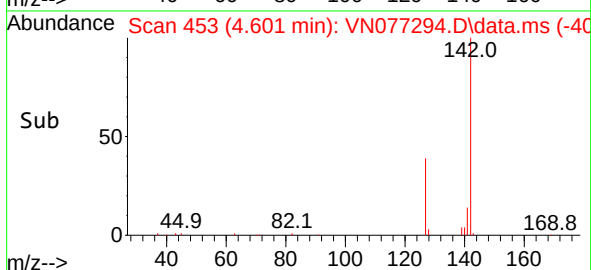
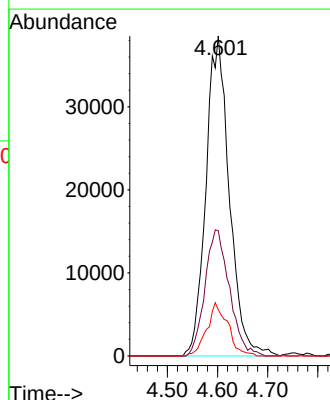
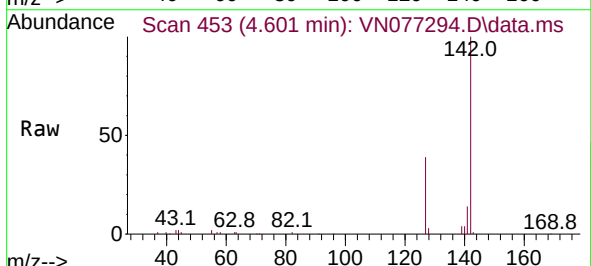
Manual Integrations
APPROVED

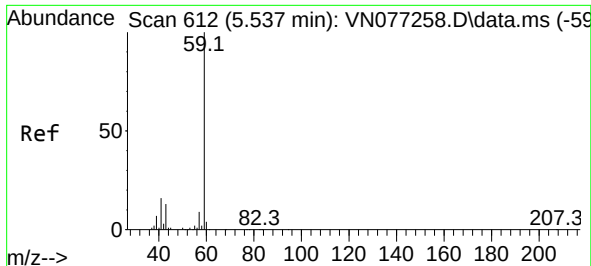
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#10
Methyl Iodide
Concen: 18.516 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

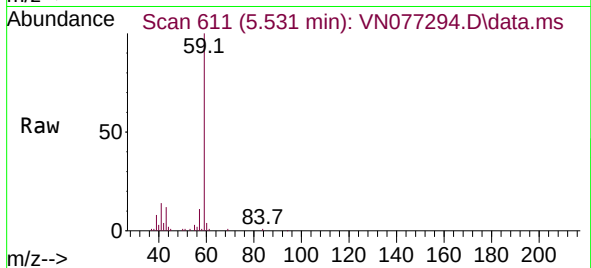
Tgt Ion:142 Resp: 125084
Ion Ratio Lower Upper
142 100
127 39.1 31.5 47.3
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 91.811 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

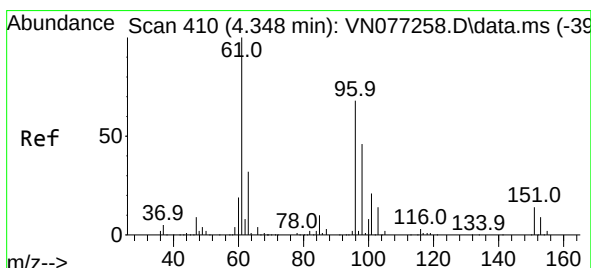
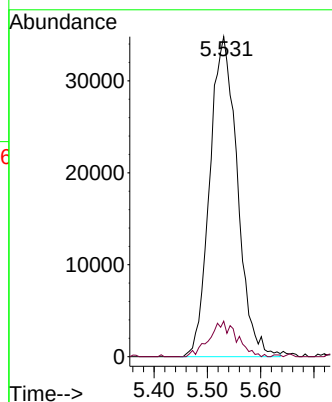
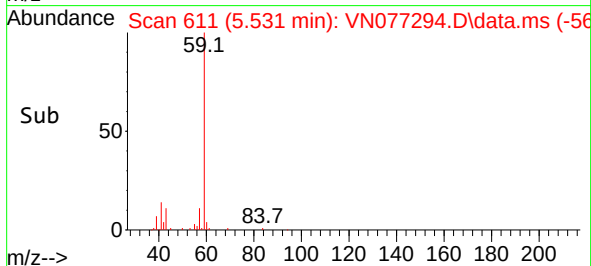
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



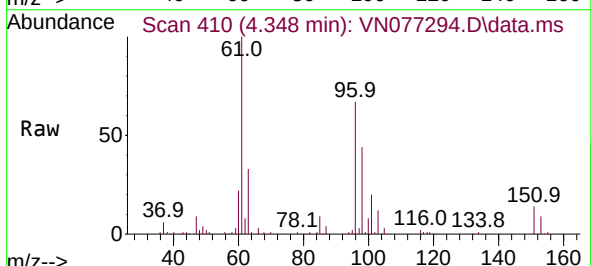
Tgt Ion: 59 Resp: 124979
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5

Manual Integrations
APPROVED

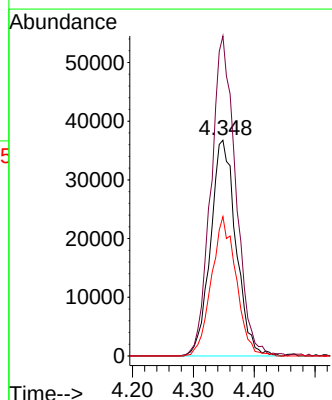
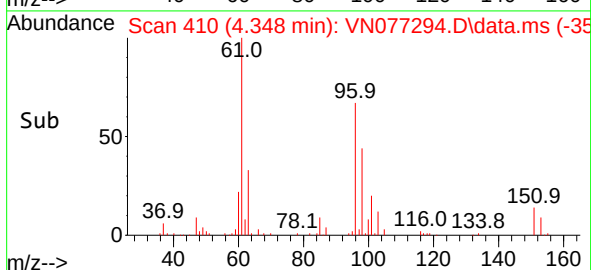
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

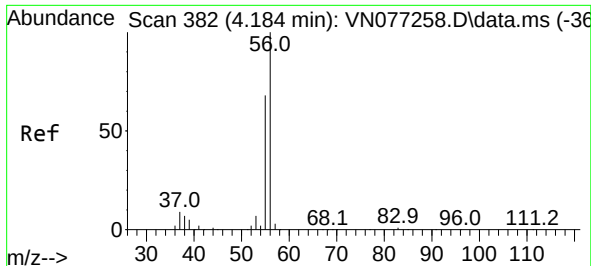


#12
1,1-Dichloroethene
Concen: 18.670 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



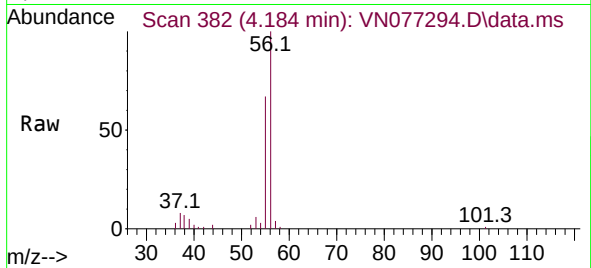
Tgt Ion: 96 Resp: 106751
Ion Ratio Lower Upper
96 100
61 148.4 118.3 177.5
98 64.6 54.5 81.7





#13
Acrolein
Concen: 100.419 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

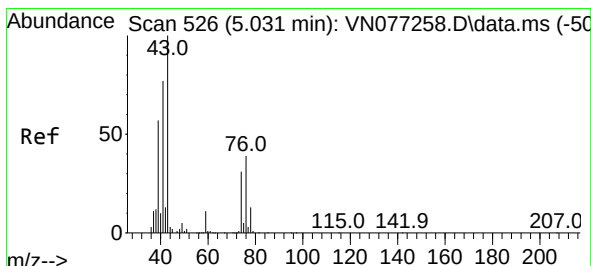
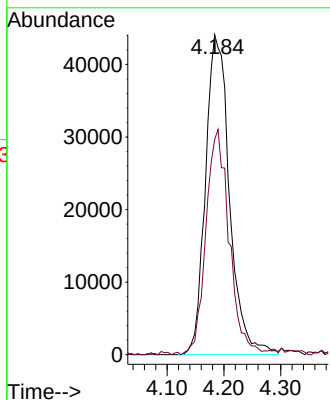
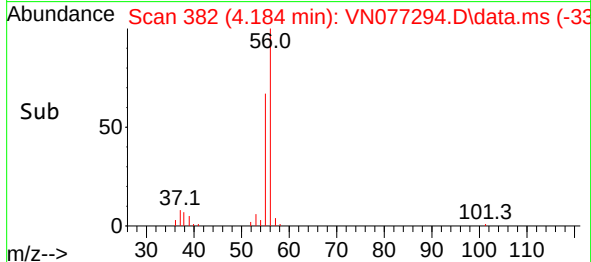
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 56 Resp: 12946
Ion Ratio Lower Upper
56 100
55 68.1 54.2 81.2

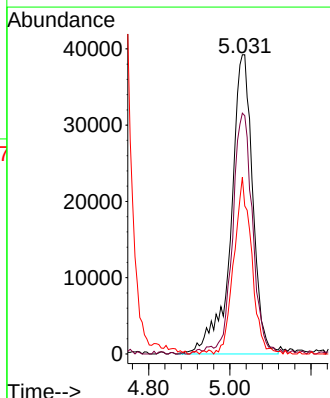
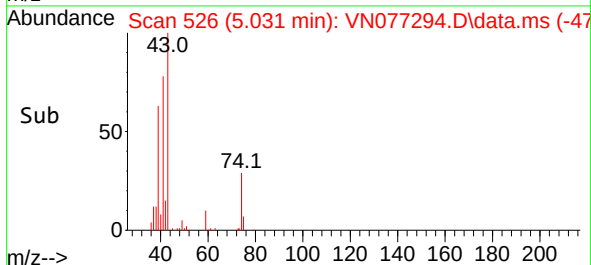
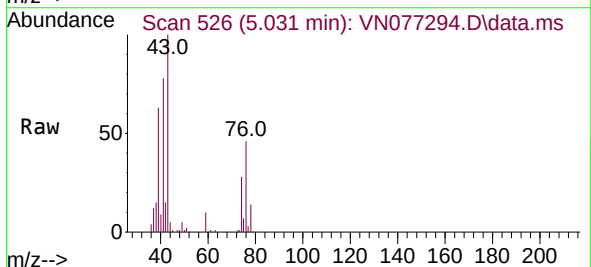
Manual Integrations
APPROVED

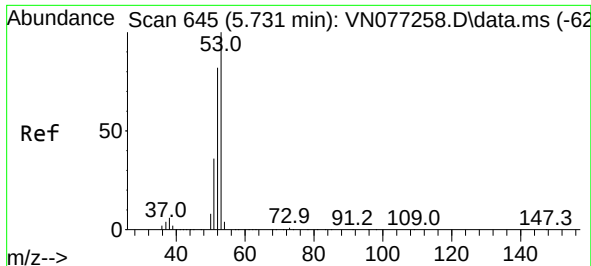
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#14
Allyl chloride
Concen: 16.898 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

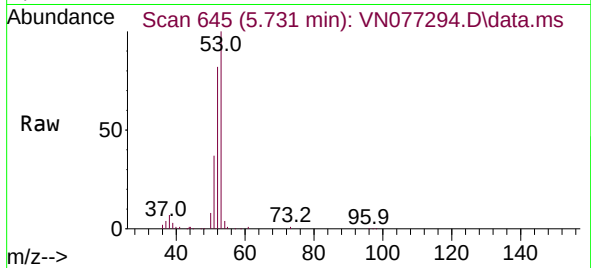
Tgt Ion: 41 Resp: 145933
Ion Ratio Lower Upper
41 100
39 70.8 55.0 82.4
76 48.0 35.4 53.2





#15
Acrylonitrile
Concen: 90.190 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

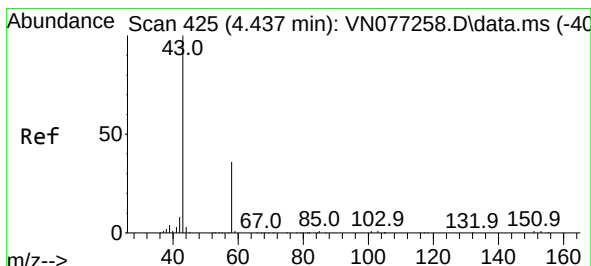
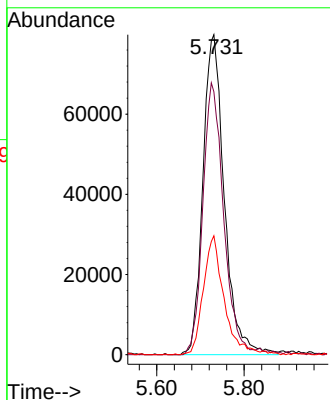
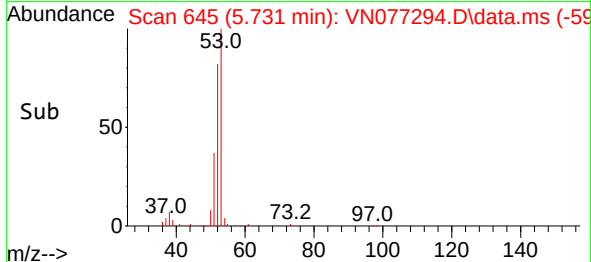
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



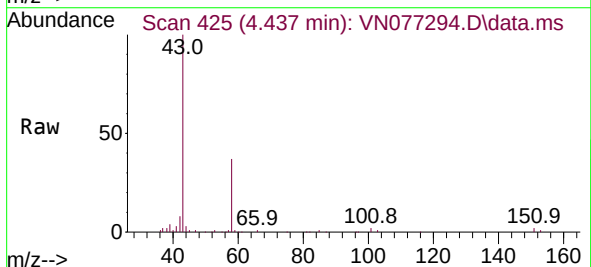
Tgt Ion: 53 Resp: 271420
Ion Ratio Lower Upper
53 100
52 82.4 65.2 97.8
51 35.7 28.1 42.1

Manual Integrations
APPROVED

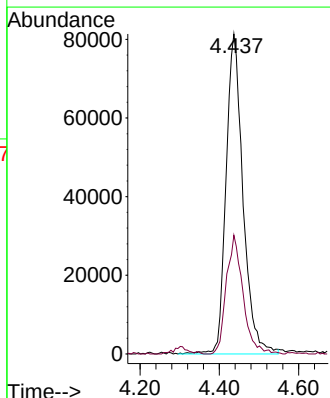
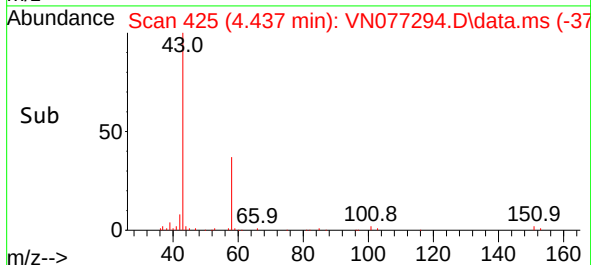
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

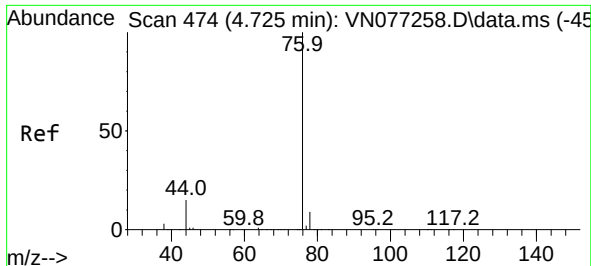


#16
Acetone
Concen: 98.128 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



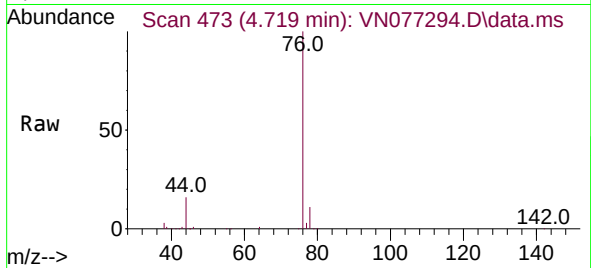
Tgt Ion: 43 Resp: 241366
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6





#17
Carbon Disulfide
Concen: 18.432 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

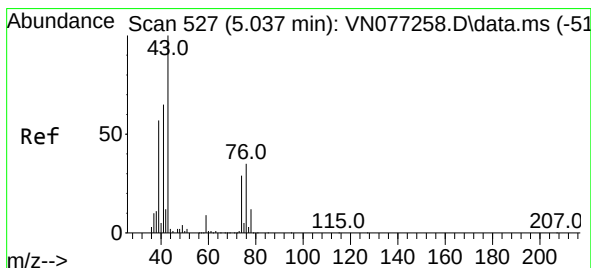
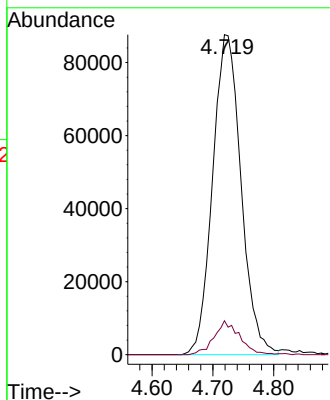
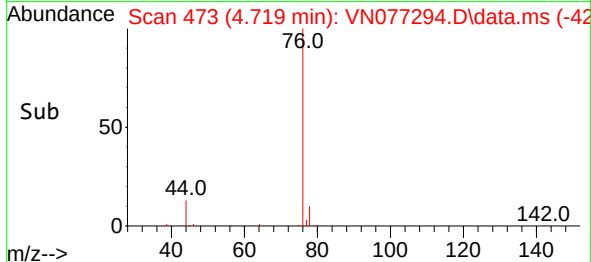
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 76 Resp: 28420
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9

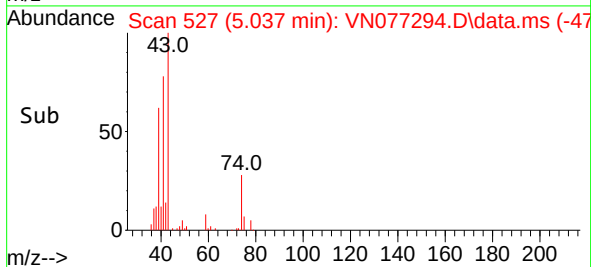
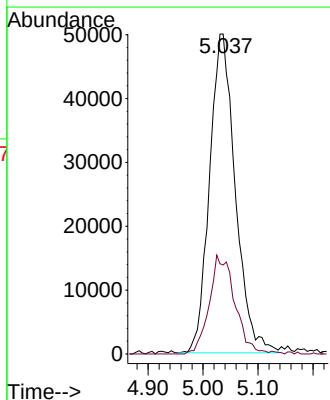
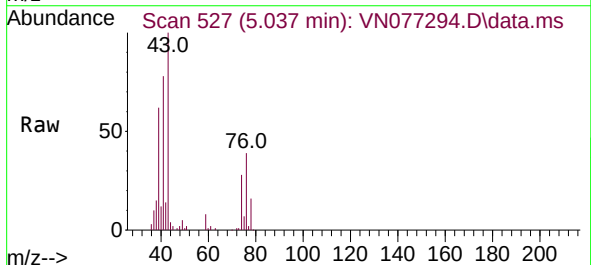
Manual Integrations
APPROVED

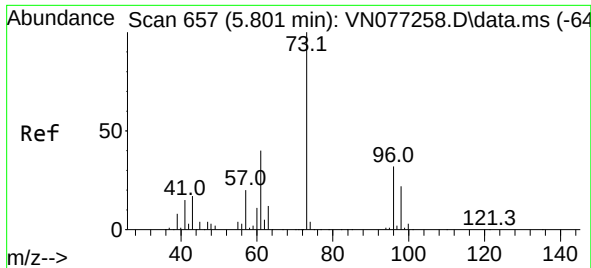
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#18
Methyl Acetate
Concen: 17.387 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion: 43 Resp: 162882
Ion Ratio Lower Upper
43 100
74 30.6 23.4 35.2





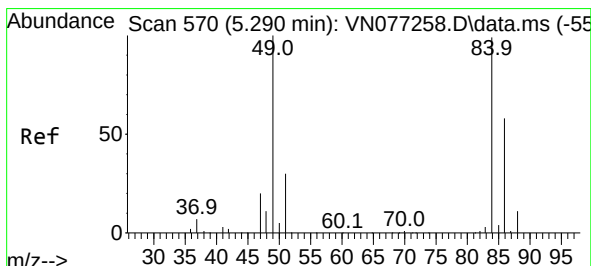
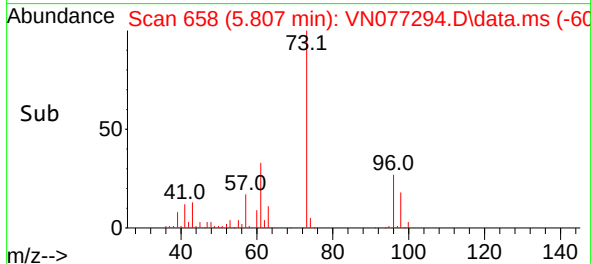
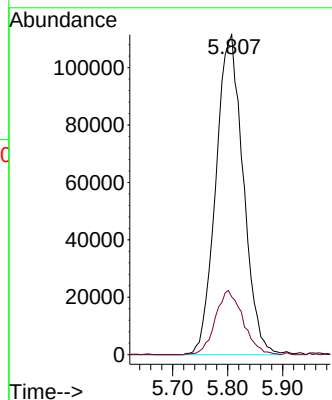
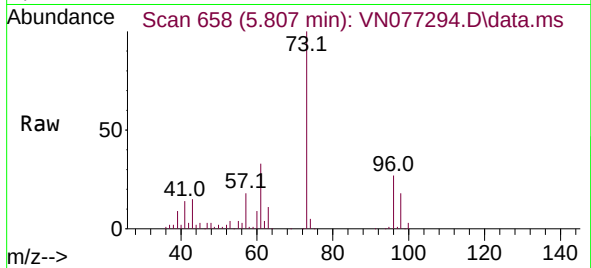
#19
Methyl tert-butyl Ether
Concen: 18.992 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 73 Resp: 385328
Ion Ratio Lower Upper
73 100
57 18.0 16.2 24.4

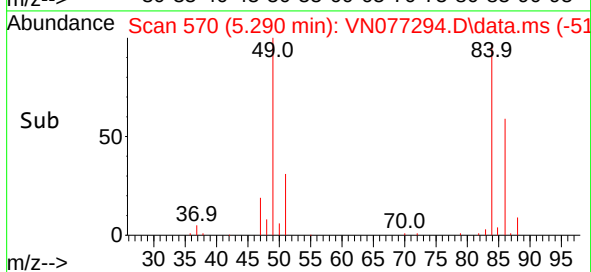
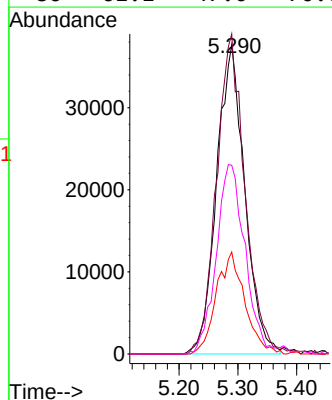
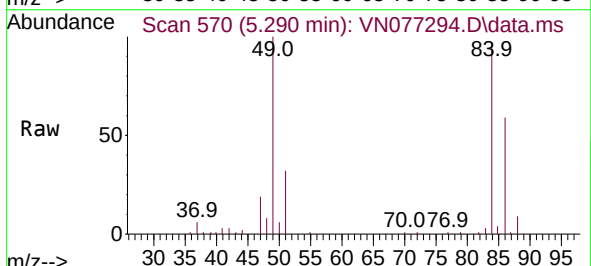
Manual Integrations
APPROVED

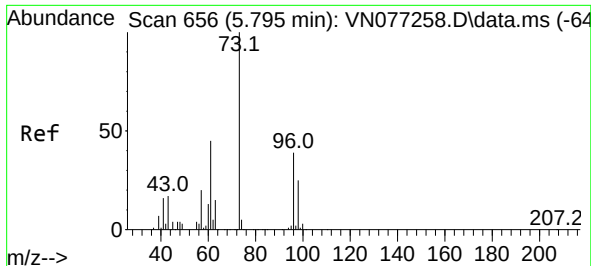
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#20
Methylene Chloride
Concen: 17.991 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

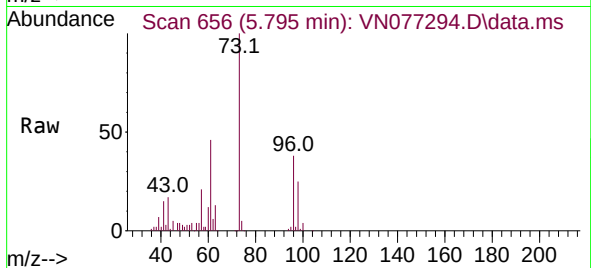
Tgt Ion: 84 Resp: 124977
Ion Ratio Lower Upper
84 100
49 103.5 80.6 121.0
51 33.0 24.4 36.6
86 61.1 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 19.260 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

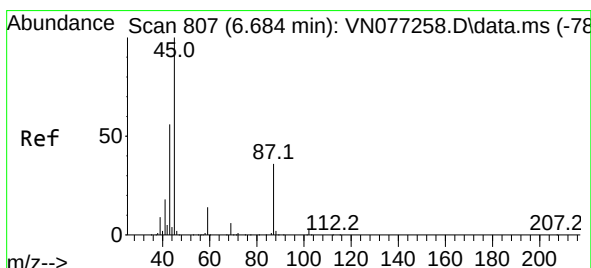
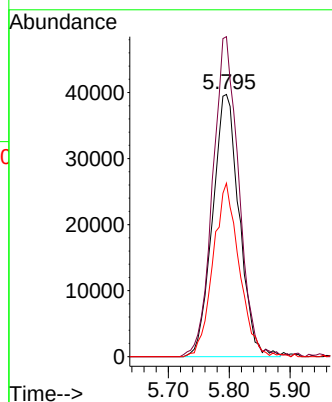
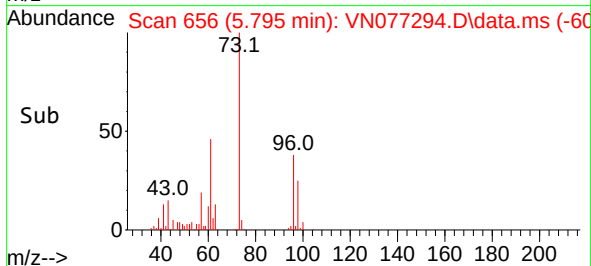
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 96 Resp: 120579
Ion Ratio Lower Upper
96 100
61 122.0 93.8 140.6
98 66.1 50.9 76.3

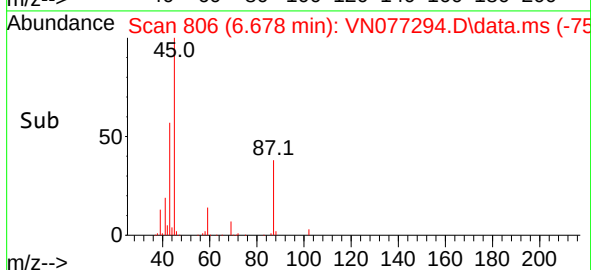
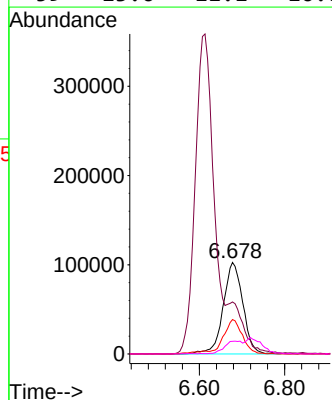
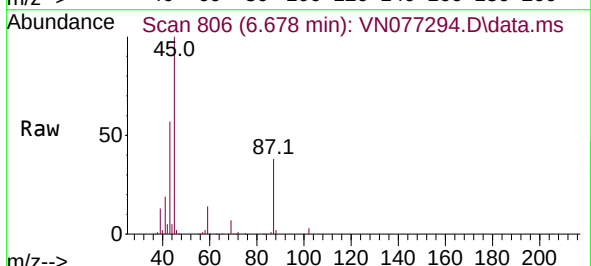
Manual Integrations
APPROVED

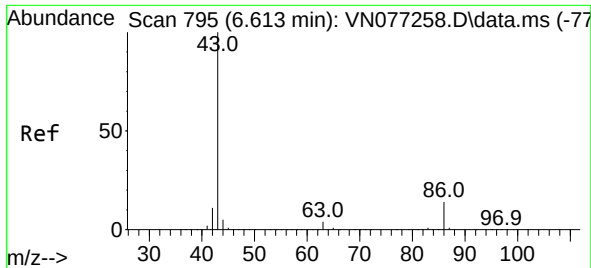
Reviewed By :John Carbone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#22
Diisopropyl ether
Concen: 18.949 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion: 45 Resp: 328072
Ion Ratio Lower Upper
45 100
43 55.7 44.6 66.8
87 37.6 28.4 42.6
59 13.6 11.1 16.7





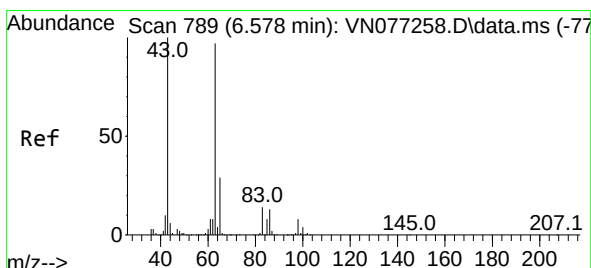
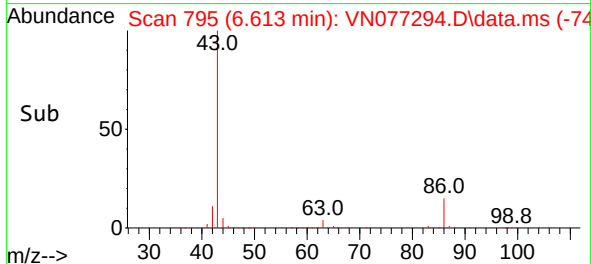
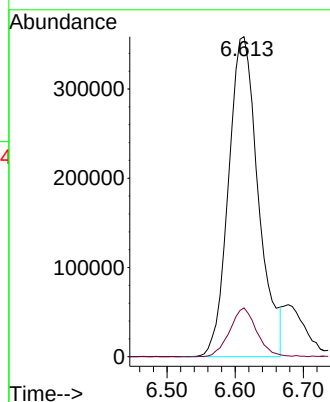
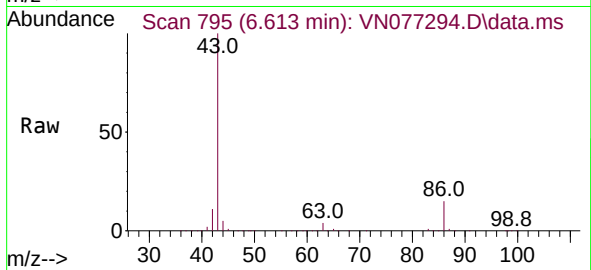
#23
 Vinyl Acetate
 Concen: 93.272 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01

Tgt Ion: 43 Resp: 109190
 Ion Ratio Lower Upper
 43 100
 86 15.2 11.2 16.8

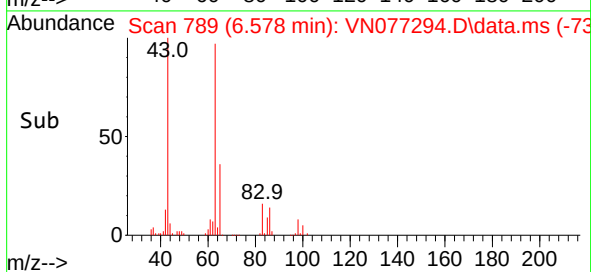
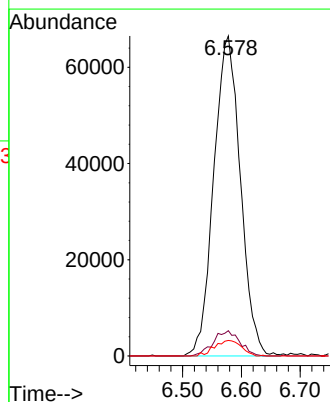
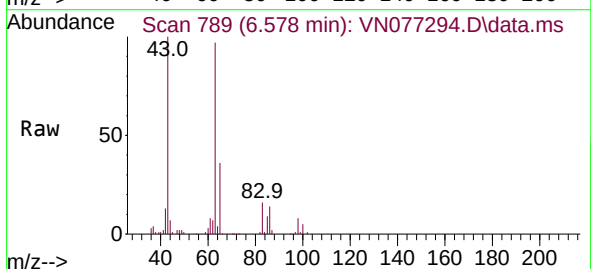
Manual Integrations
 APPROVED

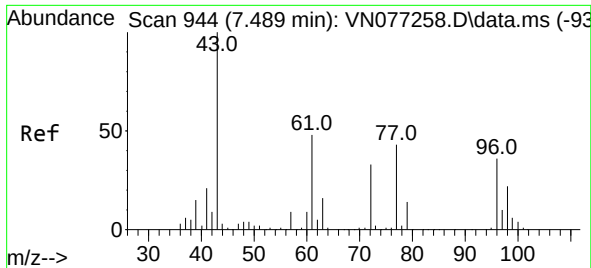
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#24
 1,1-Dichloroethane
 Concen: 18.719 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49

Tgt Ion: 63 Resp: 209280
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.0
 100 4.9 2.3 6.9





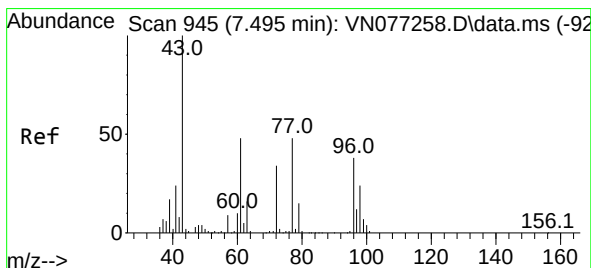
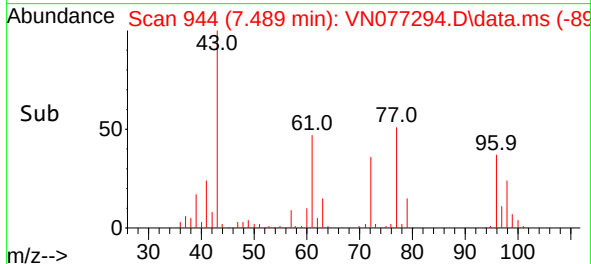
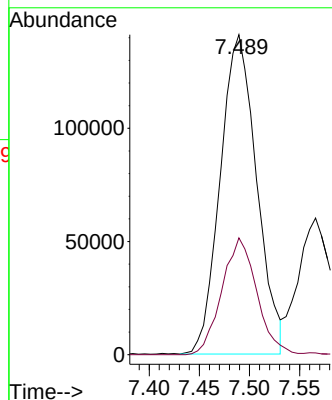
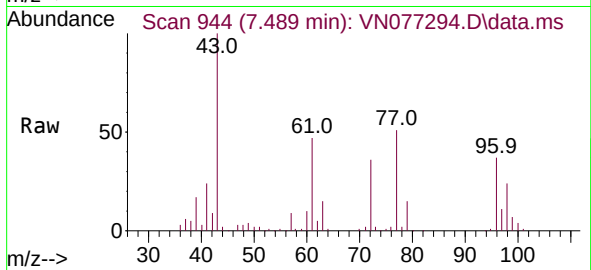
#25
2-Butanone
Concen: 89.270 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 43 Resp: 356369
Ion Ratio Lower Upper
43 100
72 36.6 26.6 39.8

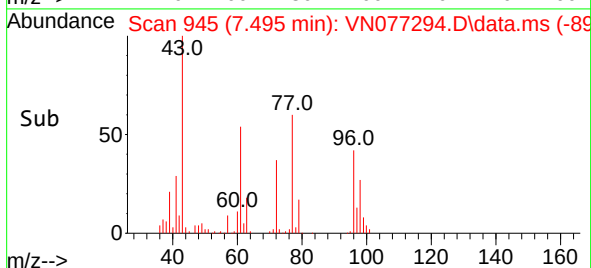
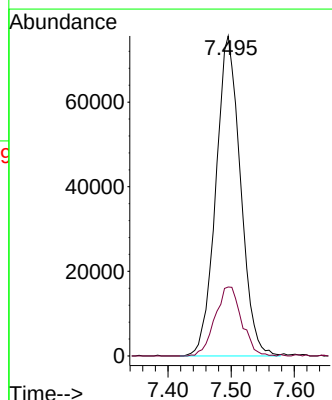
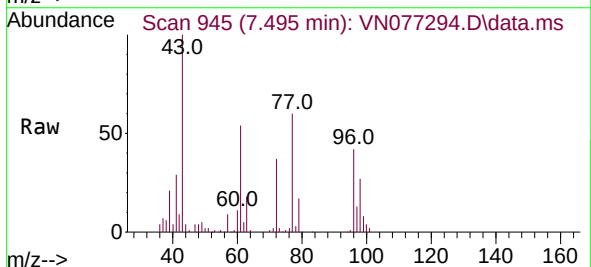
Manual Integrations
APPROVED

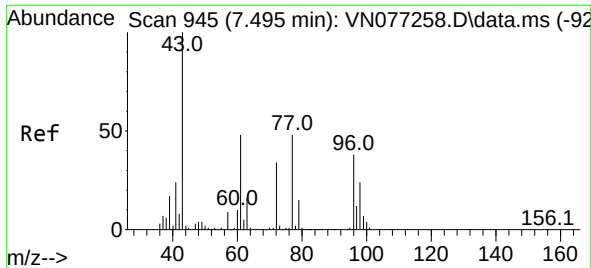
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#26
2,2-Dichloropropane
Concen: 19.991 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

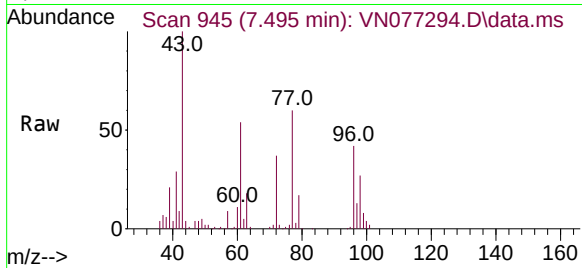
Tgt Ion: 77 Resp: 204943
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.077 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49

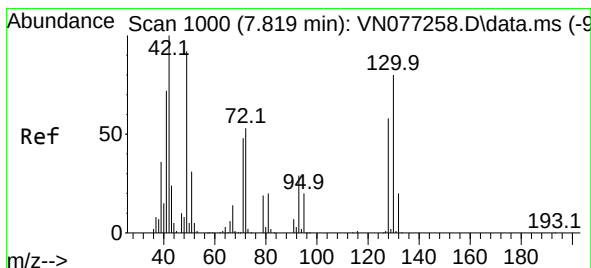
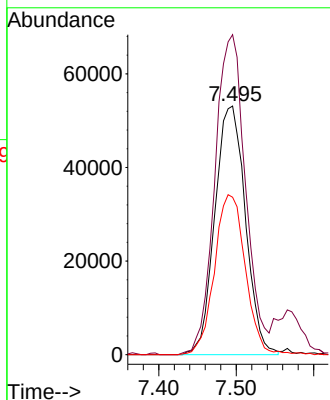
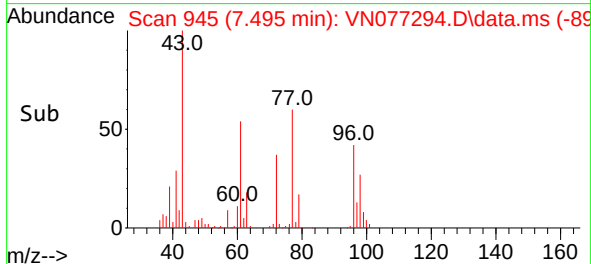
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01



Tgt Ion: 96 Resp: 145850
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 261.0
 98 65.3 0.0 128.0

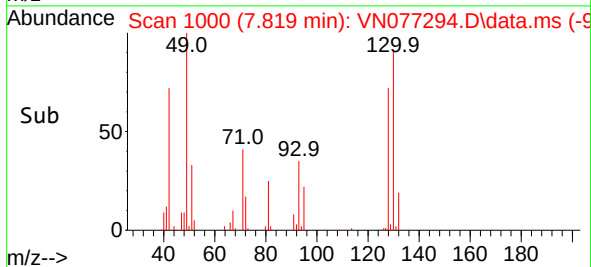
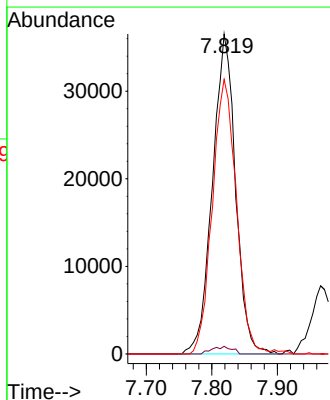
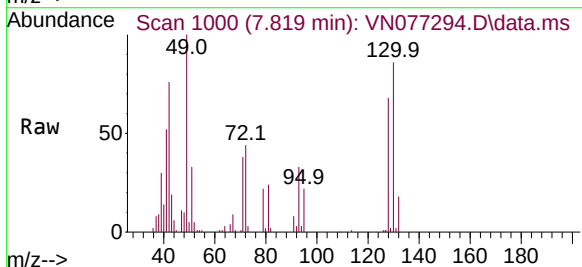
Manual Integrations
 APPROVED

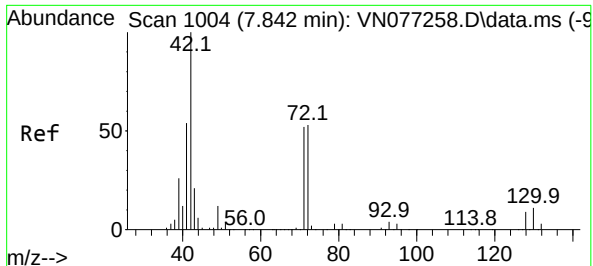
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#28
 Bromochloromethane
 Concen: 19.807 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49

Tgt Ion: 49 Resp: 89080
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 89.3 68.4 102.6





#29

Tetrahydrofuran

Concen: 88.396 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077294.D

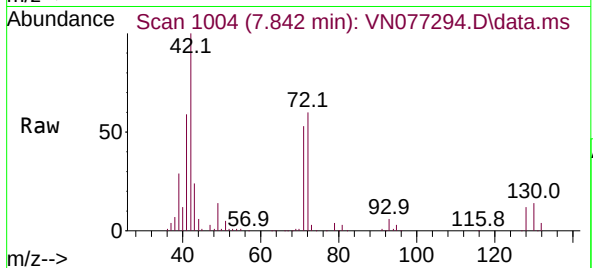
Acq: 11 Apr 2023 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01



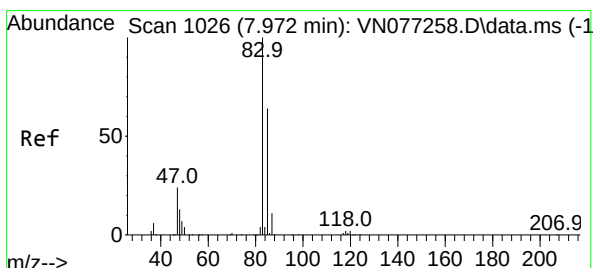
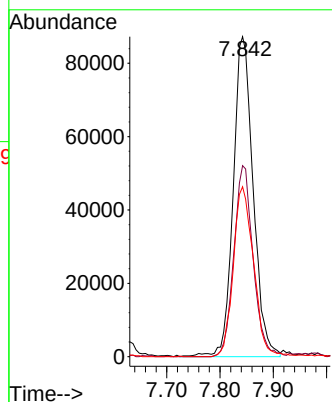
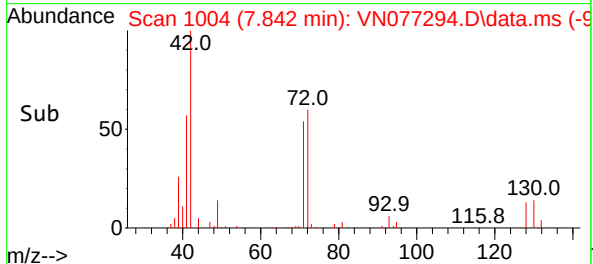
Tgt Ion:	42	Ratio	100	Lower	Upper
42	100				
72	57.7		44.6	66.8	
71	53.9		41.3	61.9	

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#30

Chloroform

Concen: 19.284 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077294.D

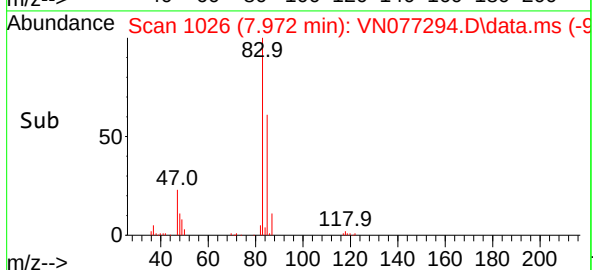
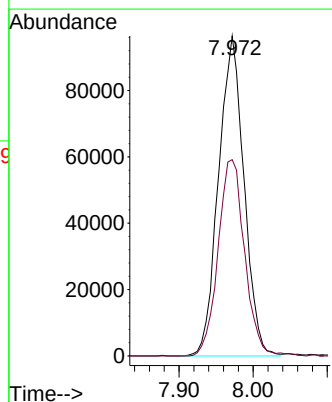
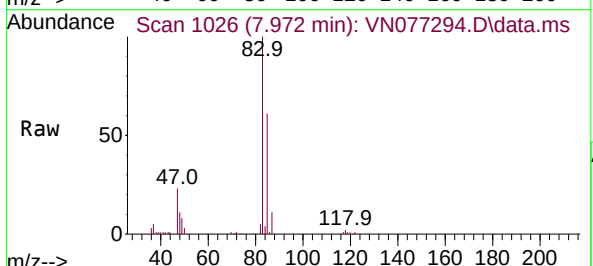
Acq: 11 Apr 2023 10:49

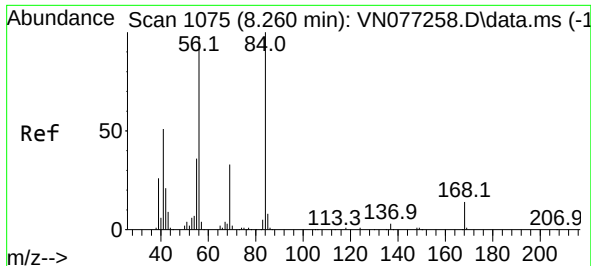
Tgt Ion: 83 Resp: 229916

Ion Ratio Lower Upper

83 100

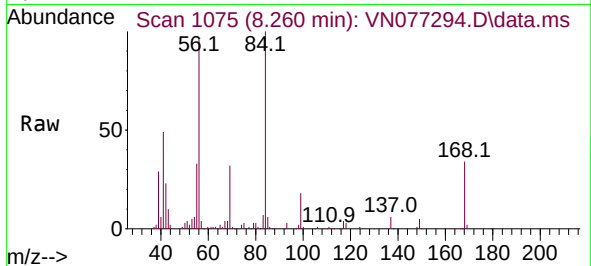
85 61.4 50.9 76.3





#31
Cyclohexane
Concen: 18.599 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

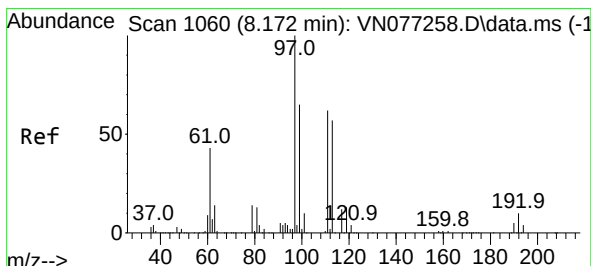
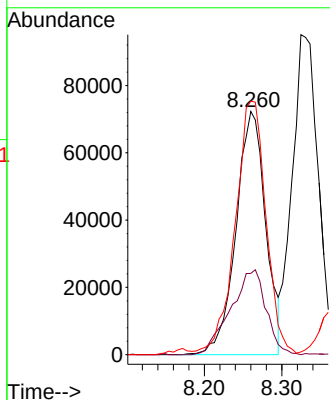
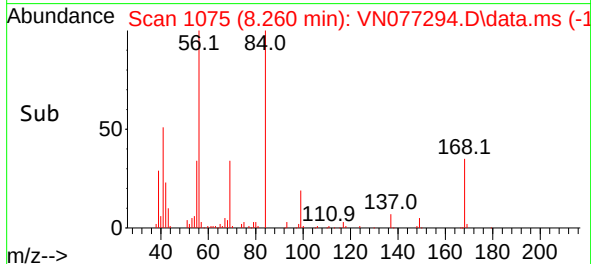
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



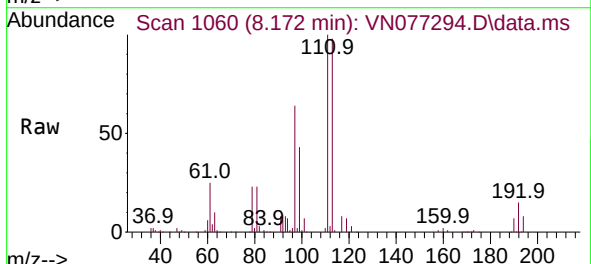
Tgt Ion: 56 Resp: 192790
Ion Ratio Lower Upper
56 100
69 33.4 26.6 40.0
84 102.3 81.8 122.8

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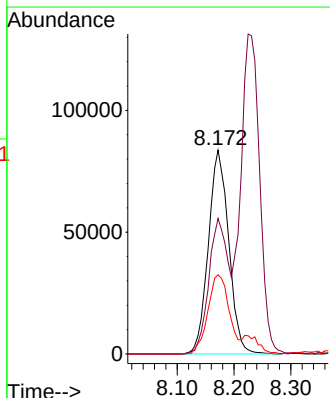
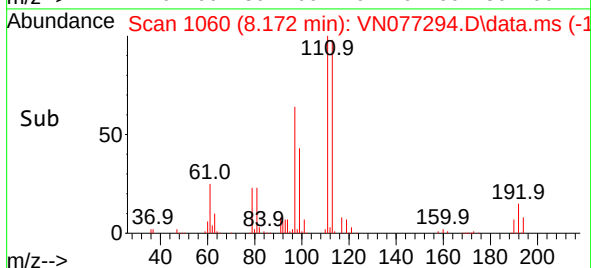
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

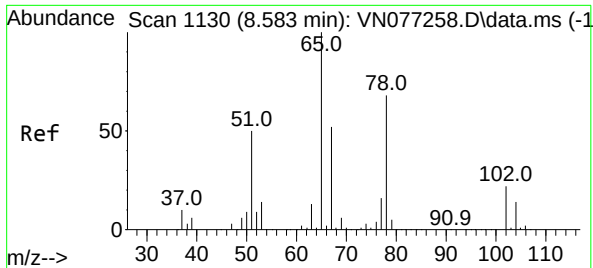


#32
1,1,1-Trichloroethane
Concen: 19.174 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



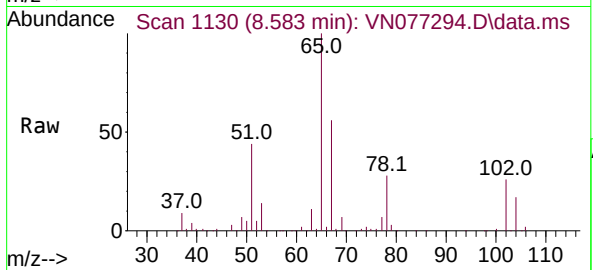
Tgt Ion: 97 Resp: 207910
Ion Ratio Lower Upper
97 100
99 63.4 54.2 81.4
61 41.2 35.8 53.6





#33
1,2-Dichloroethane-d4
Concen: 51.972 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

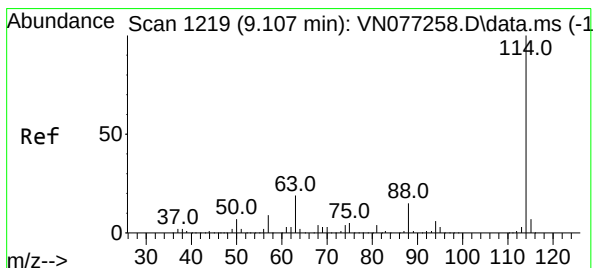
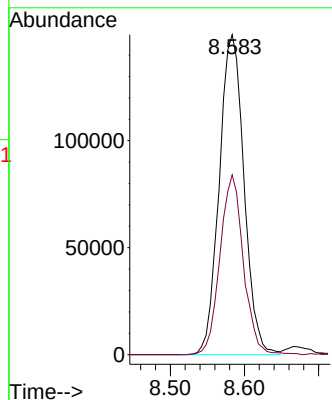
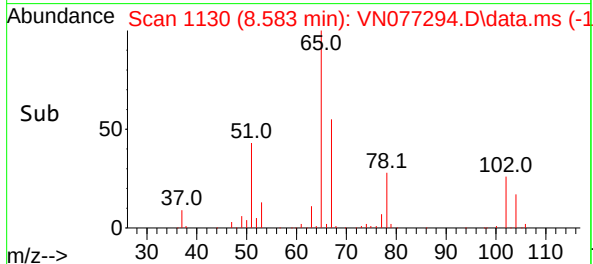
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 65 Resp: 346718
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.8

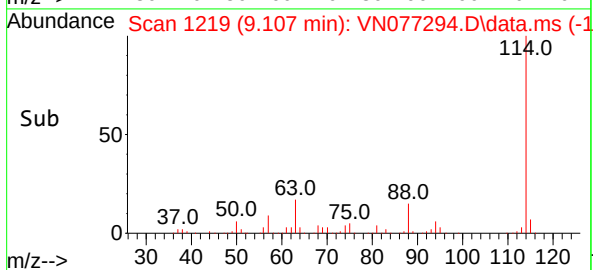
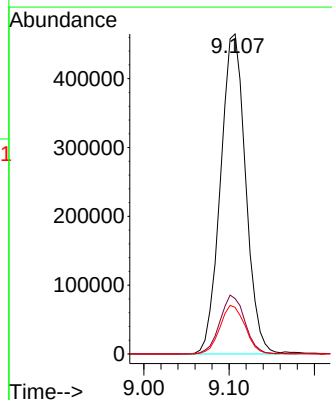
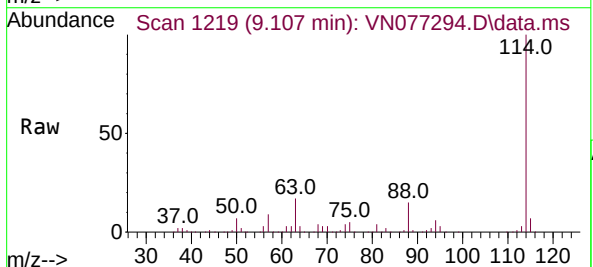
Manual Integrations
APPROVED

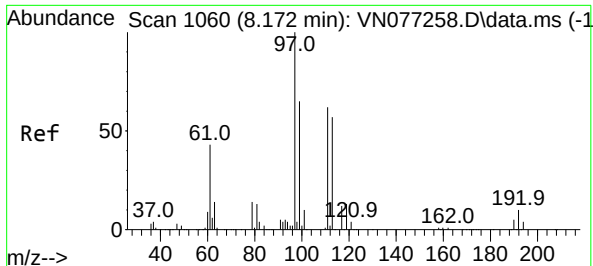
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion:114 Resp: 951732
Ion Ratio Lower Upper
114 100
63 17.3 0.0 37.8
88 14.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.169 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

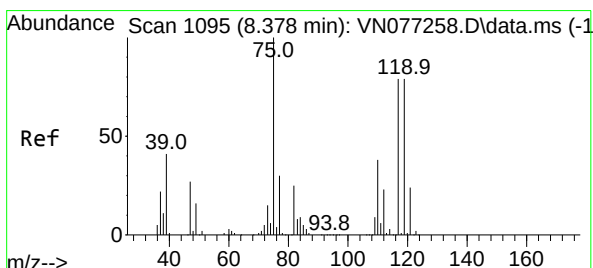
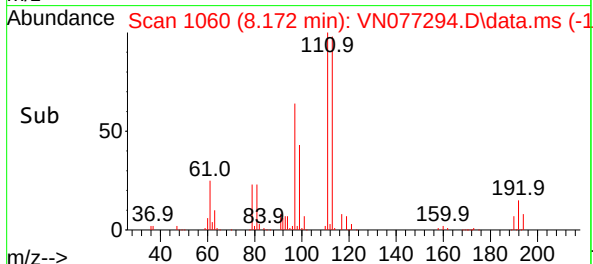
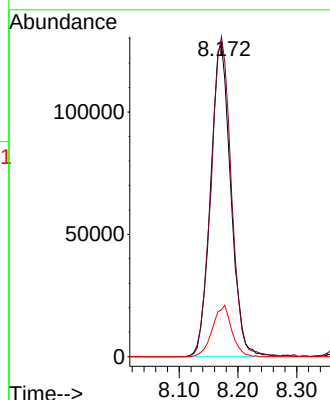
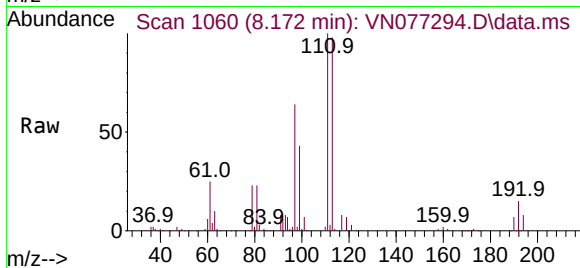
Tgt Ion:	113	Resp:	30566
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.0
192	15.7	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#36

1,1-Dichloropropene

Concen: 18.701 ug/l

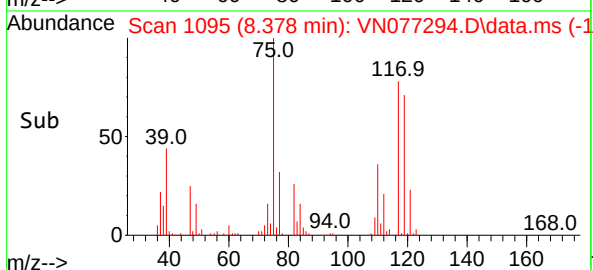
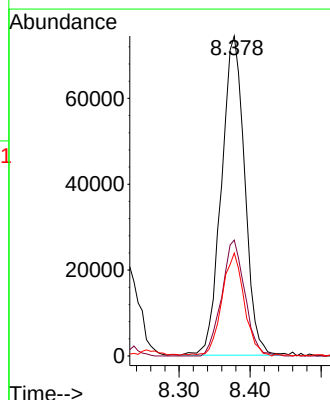
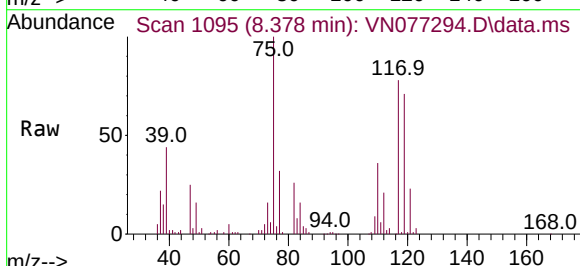
RT: 8.378 min Scan# 1095

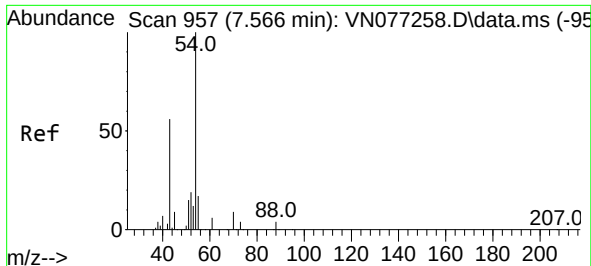
Delta R.T. -0.000 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

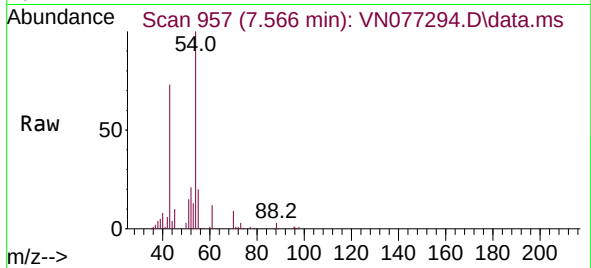
Tgt Ion:	75	Resp:	168515
Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.8	53.5
77	31.3	25.0	37.4





#37
Ethyl Acetate
Concen: 18.659 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

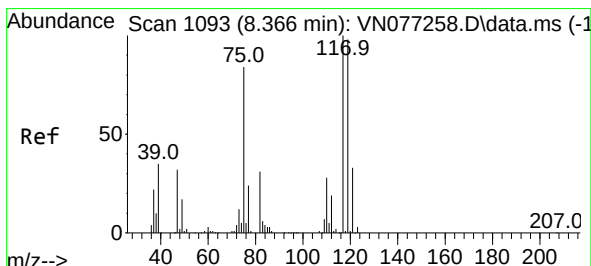
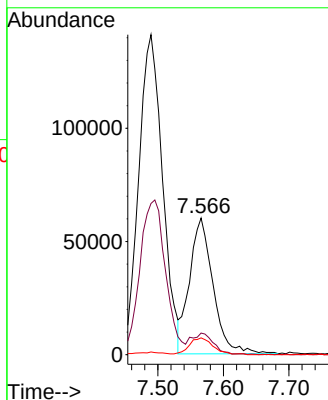
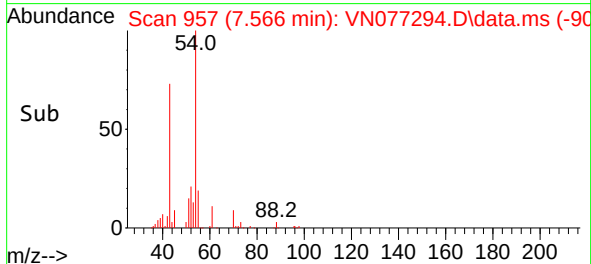
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 43 Resp: 15043
Ion Ratio Lower Upper
43 100
61 14.0 12.2 18.2
70 12.6 10.0 15.0

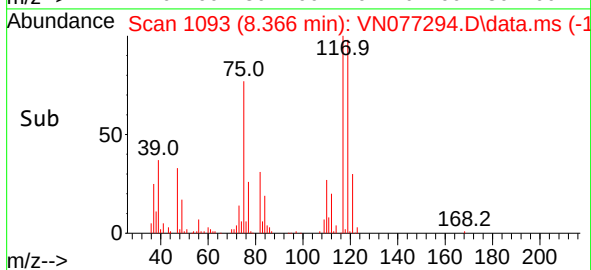
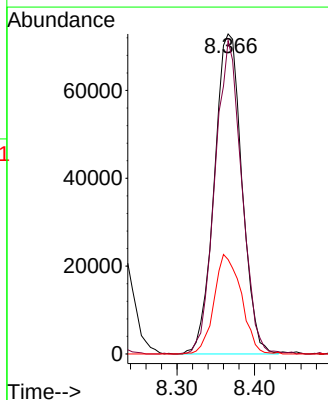
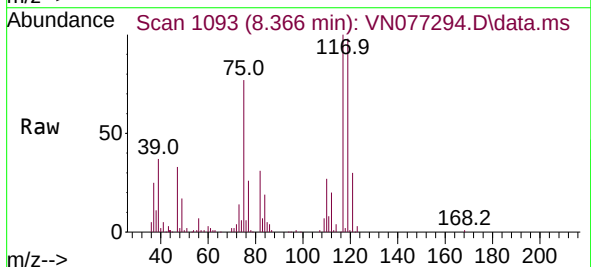
Manual Integrations
APPROVED

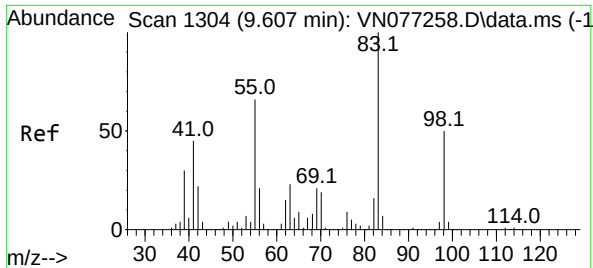
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#38
Carbon Tetrachloride
Concen: 19.595 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion:117 Resp: 180902
Ion Ratio Lower Upper
117 100
119 97.9 78.5 117.7
121 29.5 26.6 40.0





#39

Methylcyclohexane

Concen: 18.876 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

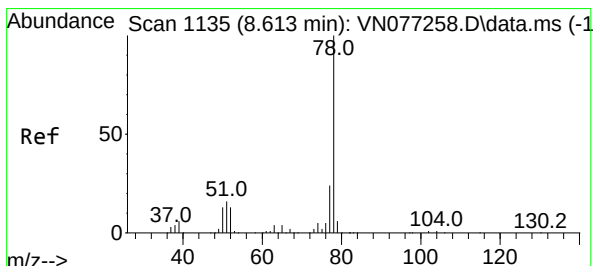
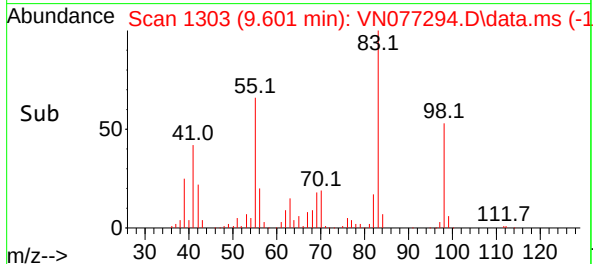
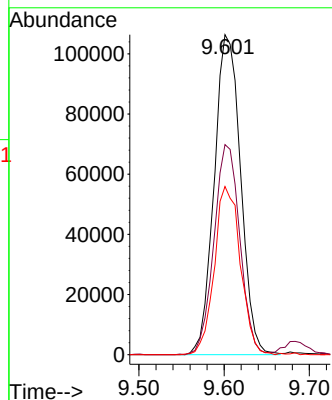
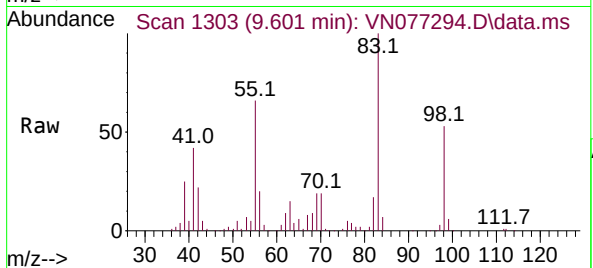
Tgt Ion:	83	Resp:	22935
Ion	Ratio	Lower	Upper
83	100		
55	65.5	52.4	78.6
98	52.6	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#40

Benzene

Concen: 19.120 ug/l

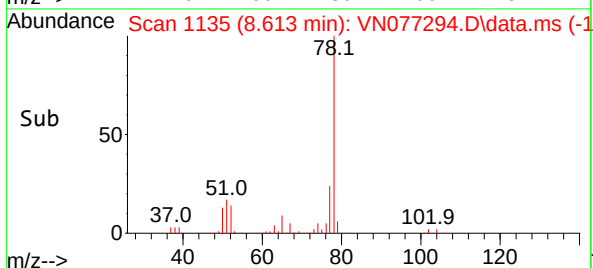
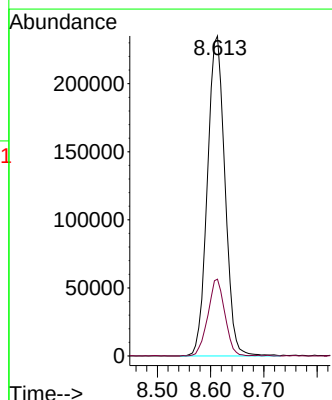
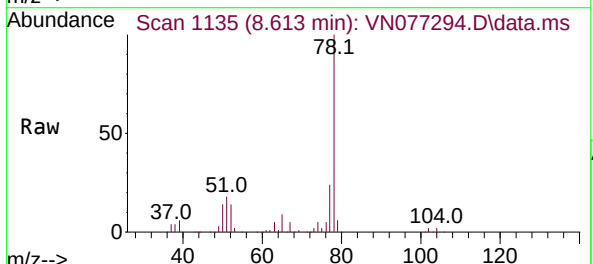
RT: 8.613 min Scan# 1135

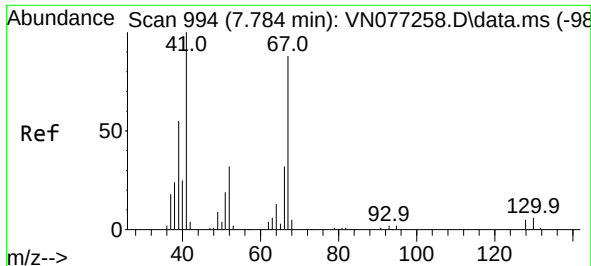
Delta R.T. -0.000 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

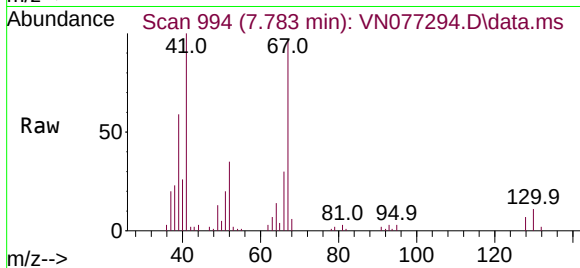
Tgt Ion:	78	Resp:	537413
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3





#41
Methacrylonitrile
Concen: 18.279 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

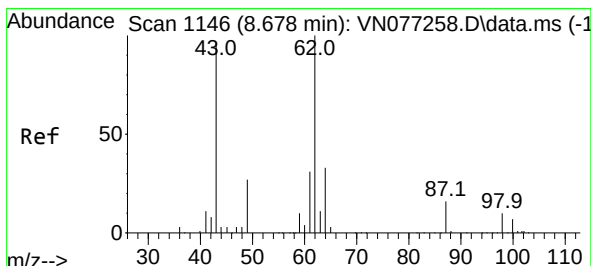
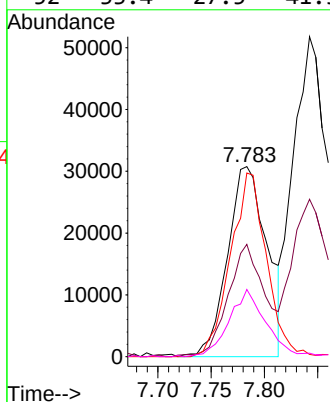
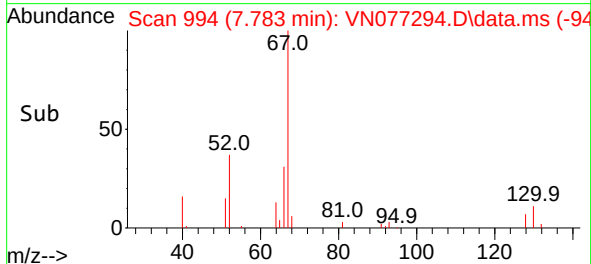
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



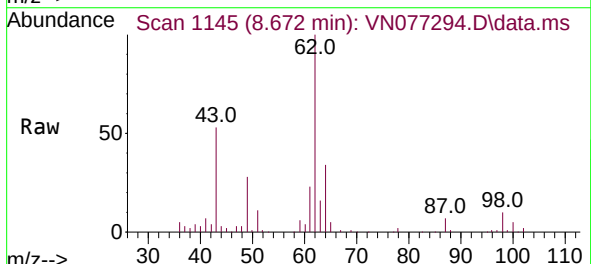
Tgt Ion: 41 Resp: 79215
Ion Ratio Lower Upper
41 100
39 55.4 44.1 66.1
67 88.0 71.4 107.2
52 33.4 27.5 41.3

Manual Integrations
APPROVED

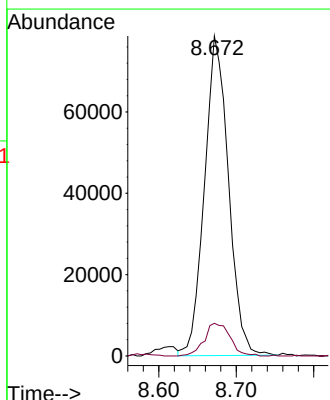
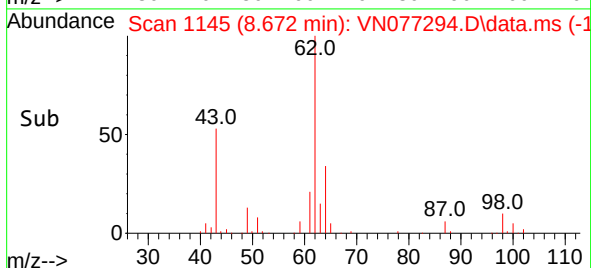
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

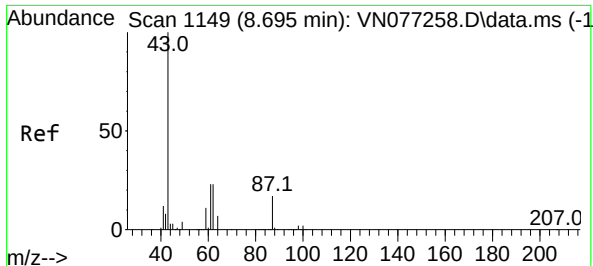


#42
1,2-Dichloroethane
Concen: 19.540 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



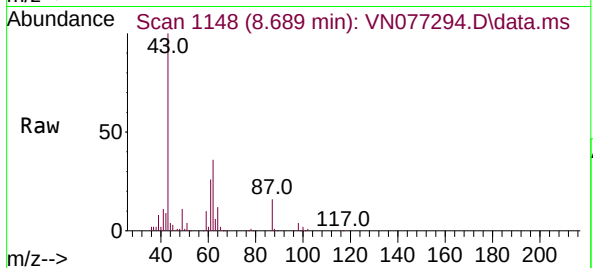
Tgt Ion: 62 Resp: 169033
Ion Ratio Lower Upper
62 100
98 11.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 17.603 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

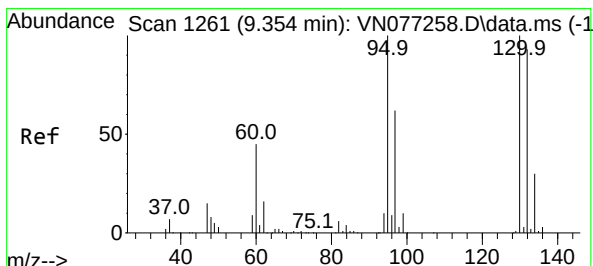
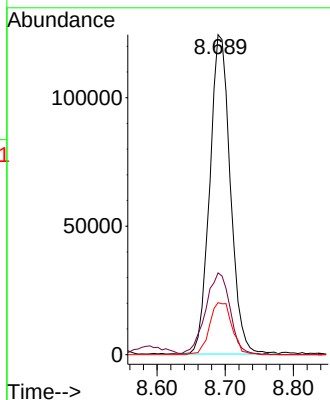
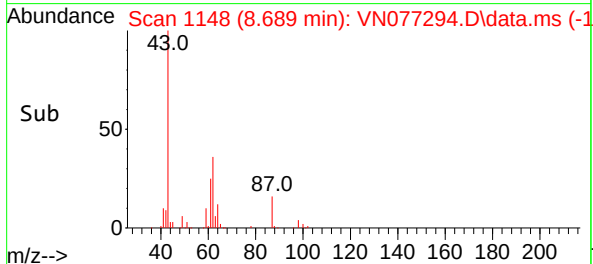
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 43 Resp: 261872
Ion Ratio Lower Upper
43 100
61 30.2 22.7 34.1
87 17.8 13.6 20.4

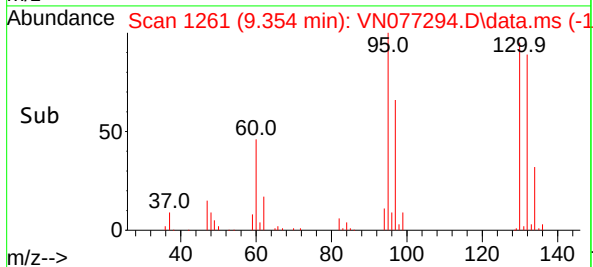
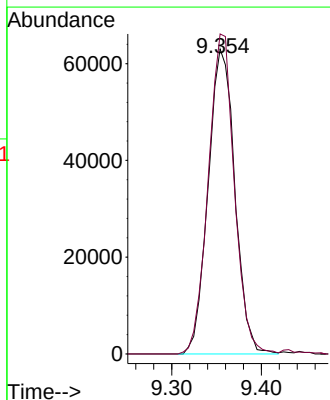
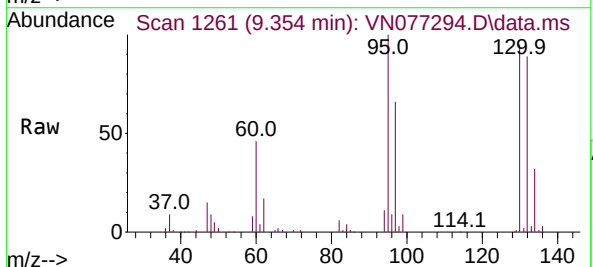
Manual Integrations
APPROVED

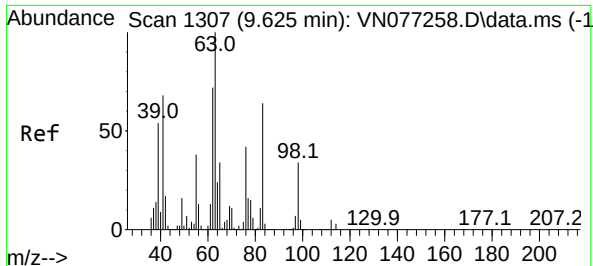
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#44
Trichloroethene
Concen: 19.361 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion:130 Resp: 130209
Ion Ratio Lower Upper
130 100
95 104.9 0.0 200.2





#45

1,2-Dichloropropane

Concen: 19.990 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

Tgt Ion: 63 Resp: 13344

Ion Ratio Lower Upper

63 100

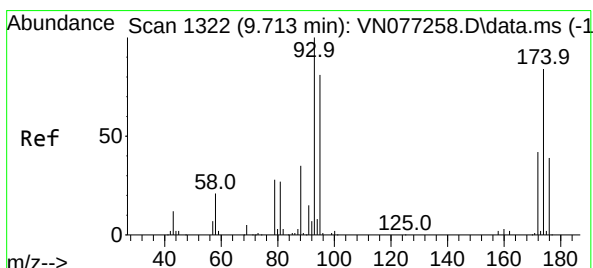
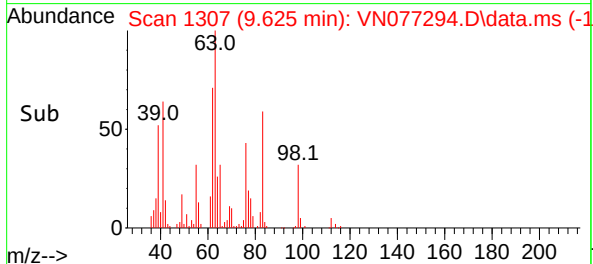
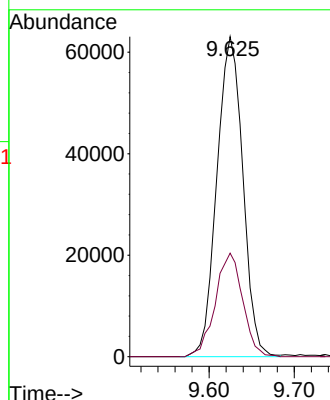
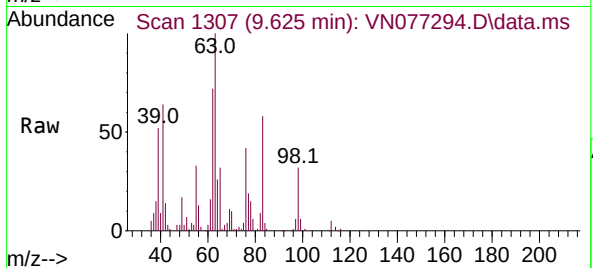
65 32.4 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#46

Dibromomethane

Concen: 19.255 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

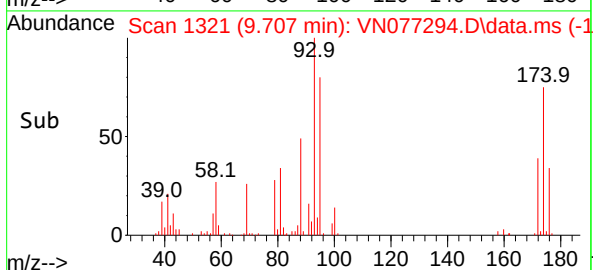
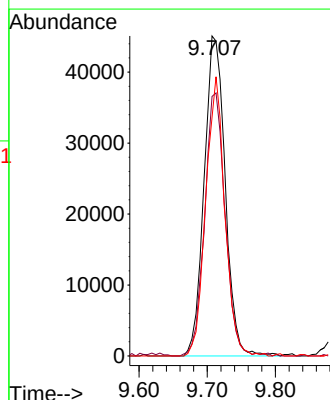
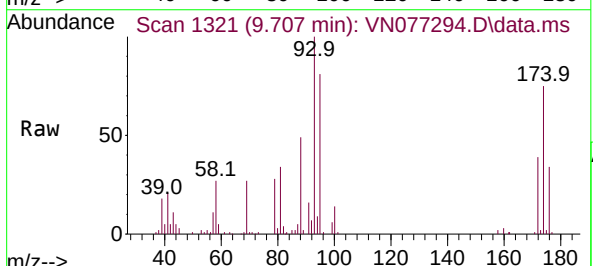
Tgt Ion: 93 Resp: 96841

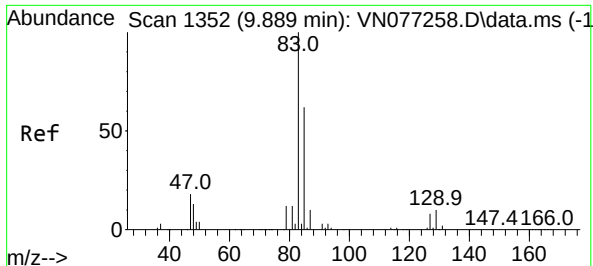
Ion Ratio Lower Upper

93 100

95 80.3 65.8 98.6

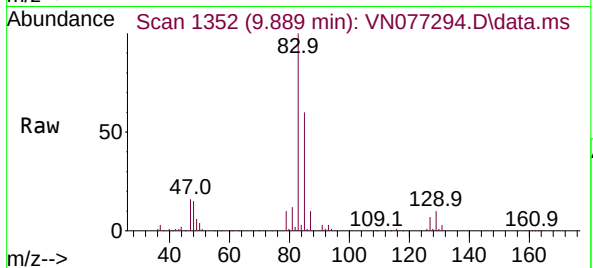
174 79.4 66.0 99.0





#47
Bromodichloromethane
Concen: 18.993 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

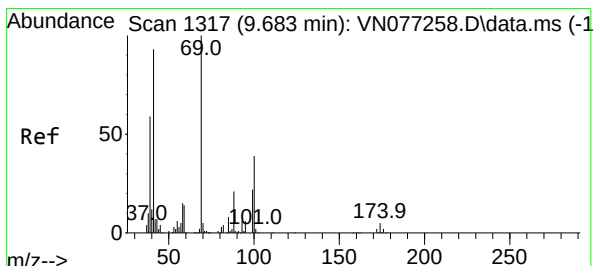
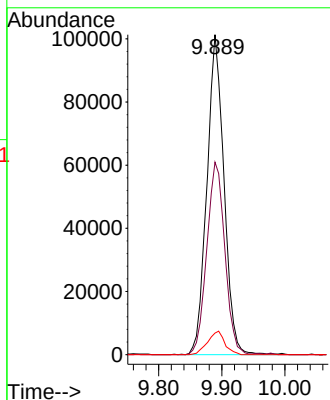
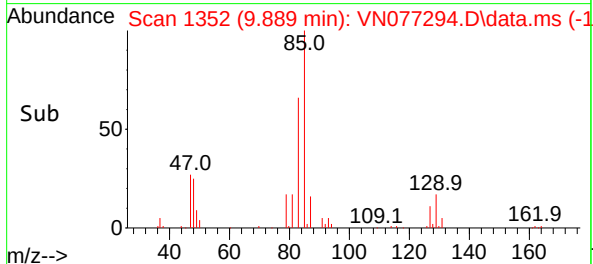
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 83 Resp: 19092
Ion Ratio Lower Upper
83 100
85 60.1 49.8 74.8
127 6.7 6.2 9.2

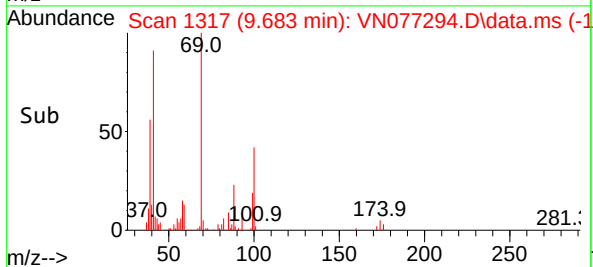
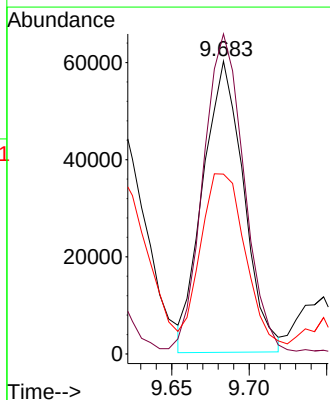
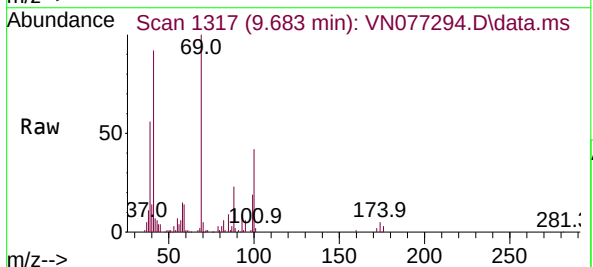
Manual Integrations
APPROVED

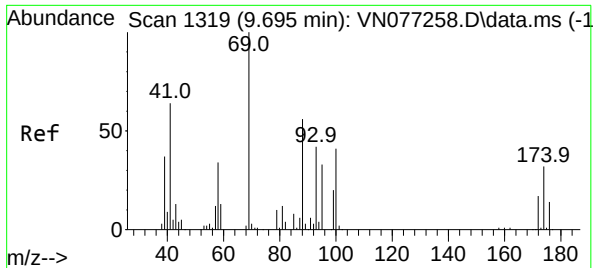
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#48
Methyl methacrylate
Concen: 17.270 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

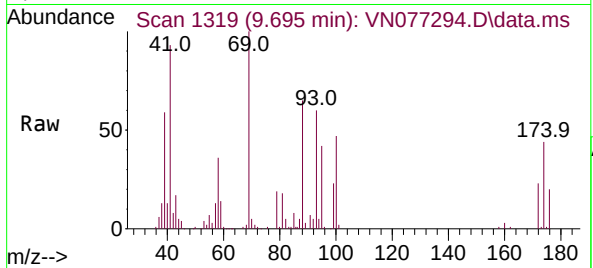
Tgt Ion: 41 Resp: 109599
Ion Ratio Lower Upper
41 100
69 109.1 85.0 127.6
39 70.0 53.5 80.3





#49
1,4-Dioxane
Concen: 370.716 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

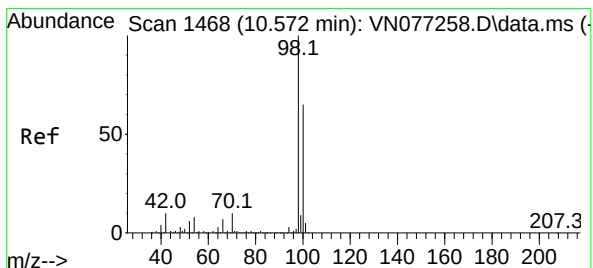
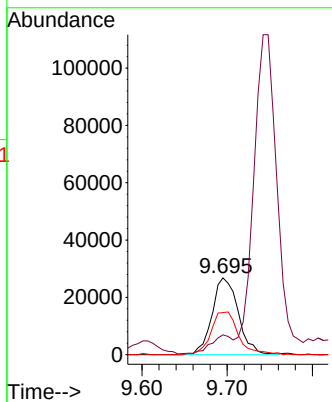
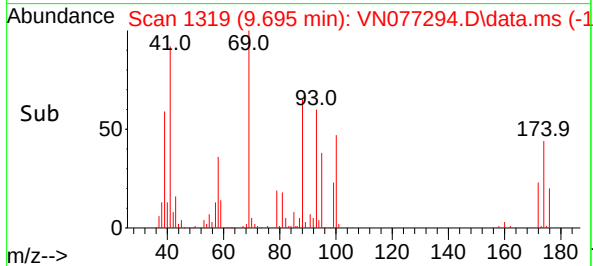
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



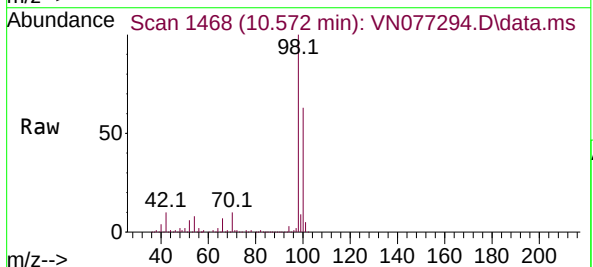
Tgt Ion: 88 Resp: 57040
Ion Ratio Lower Upper
88 100
43 19.7 17.0 25.6
58 58.5 49.8 74.6

Manual Integrations
APPROVED

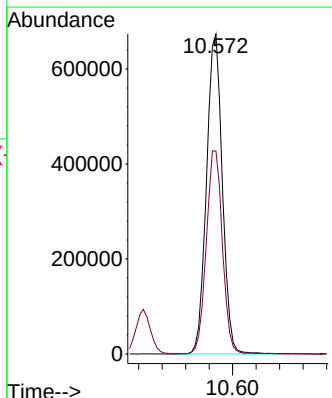
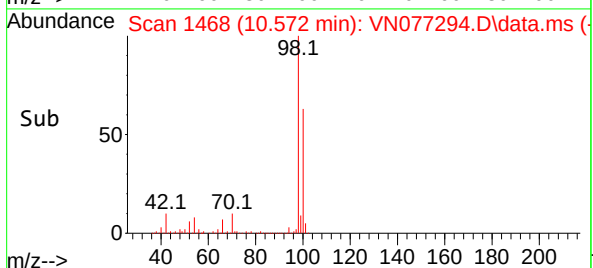
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

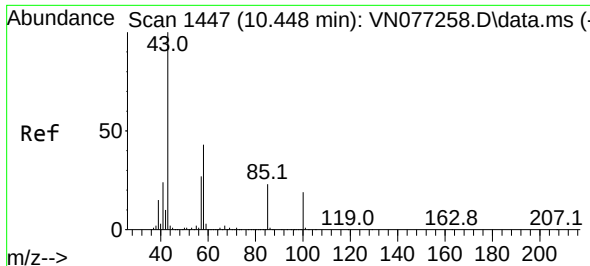


#50
Toluene-d8
Concen: 51.203 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



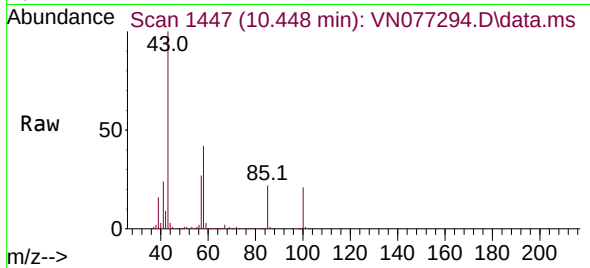
Tgt Ion: 98 Resp: 1255877
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 92.011 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

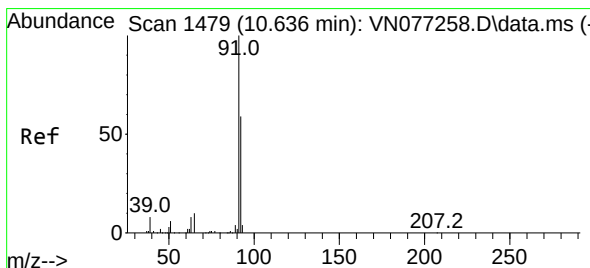
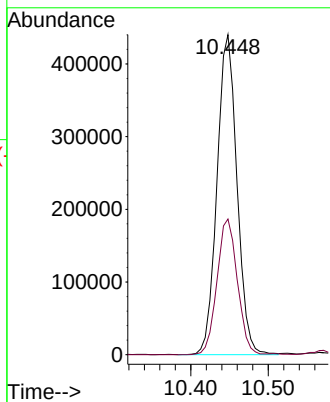
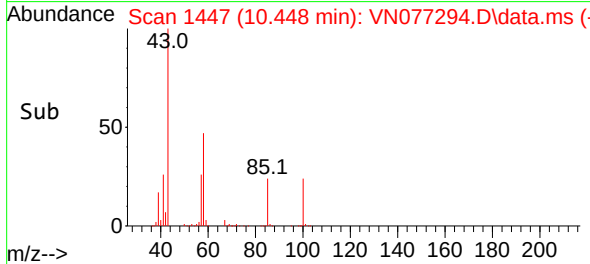
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 43 Resp: 791224
Ion Ratio Lower Upper
43 100
58 43.1 34.6 52.0

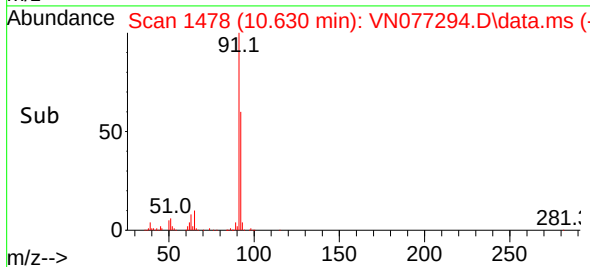
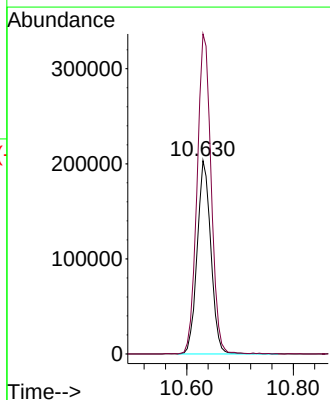
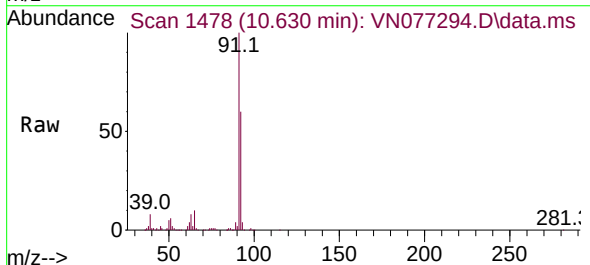
Manual Integrations
APPROVED

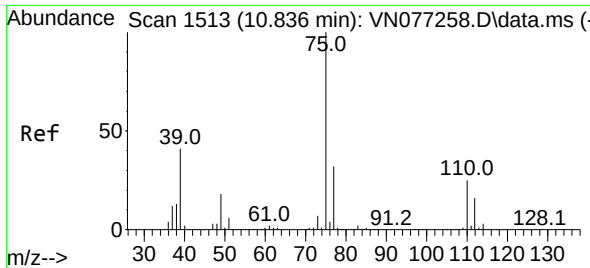
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#52
Toluene
Concen: 19.731 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion: 92 Resp: 362996
Ion Ratio Lower Upper
92 100
91 169.3 138.0 207.0





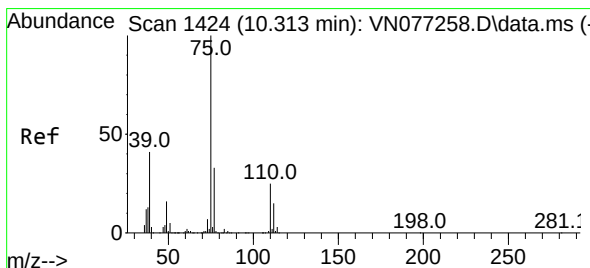
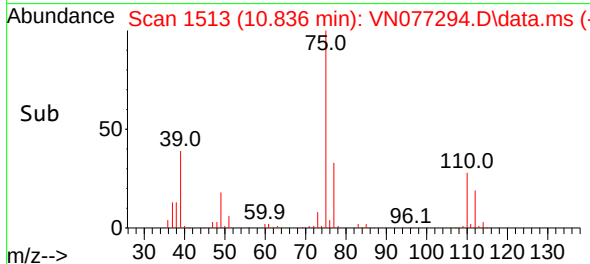
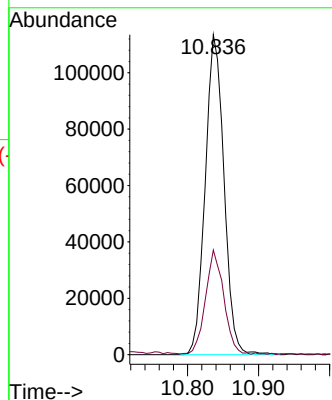
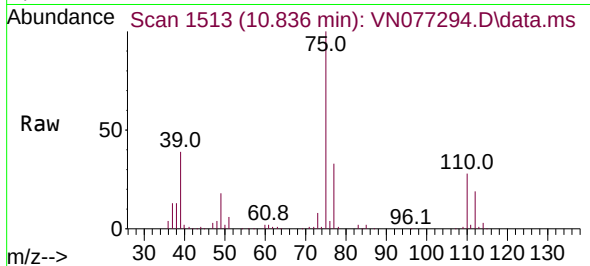
#53
t-1,3-Dichloropropene
Concen: 19.101 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 75 Resp: 20851
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

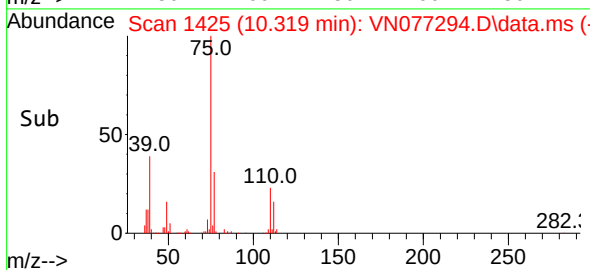
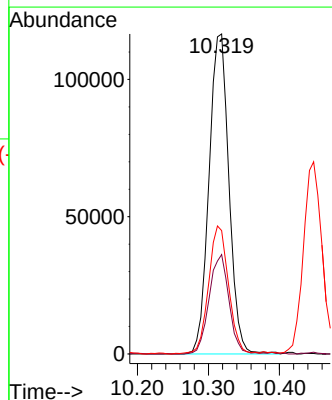
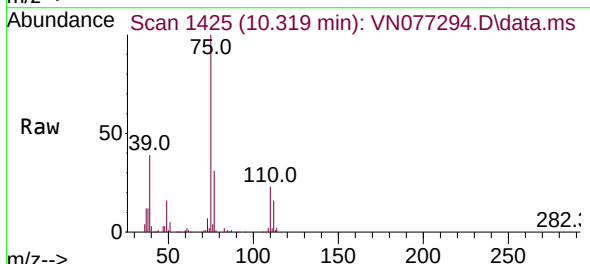
Manual Integrations
APPROVED

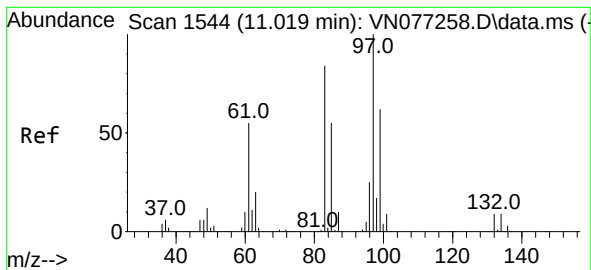
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#54
cis-1,3-Dichloropropene
Concen: 19.528 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

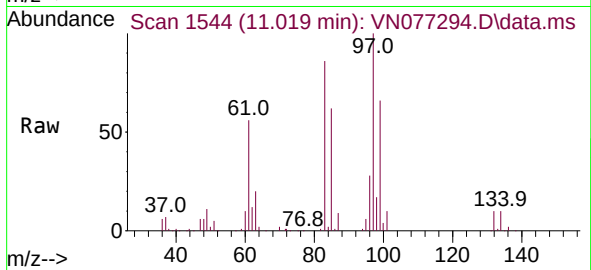
Tgt Ion: 75 Resp: 227059
Ion Ratio Lower Upper
75 100
77 31.1 26.7 40.1
39 38.4 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 18.603 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

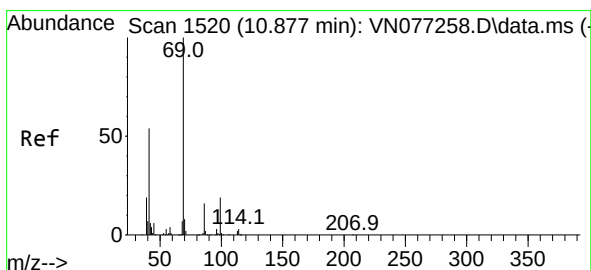
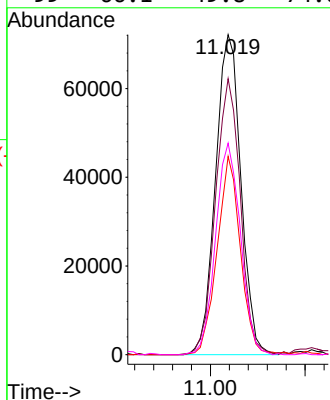
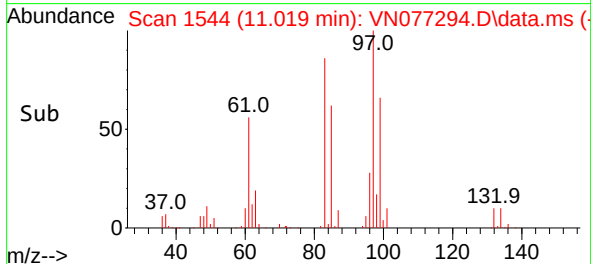
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



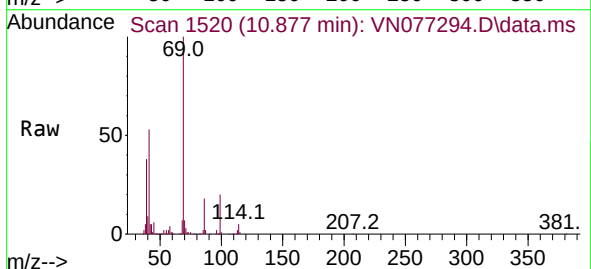
Tgt Ion: 97 Resp: 13434
Ion Ratio Lower Upper
97 100
83 86.3 67.4 101.2
85 62.0 44.1 66.1
99 66.1 49.8 74.6

Manual Integrations
APPROVED

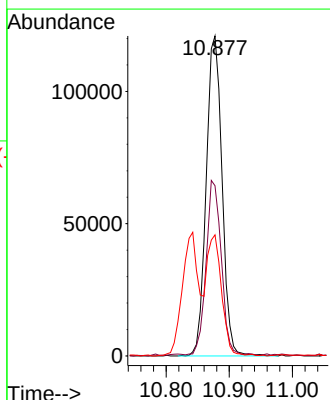
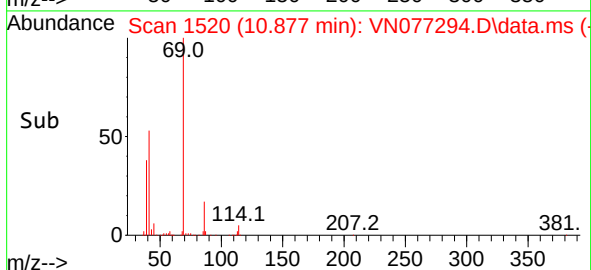
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

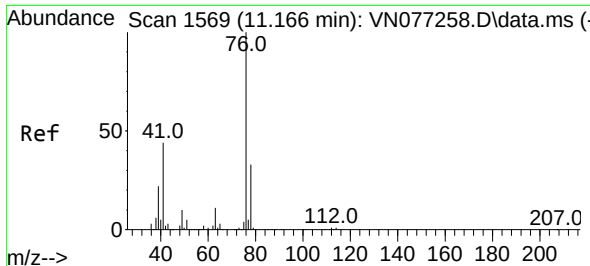


#56
Ethyl methacrylate
Concen: 18.747 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



Tgt Ion: 69 Resp: 210868
Ion Ratio Lower Upper
69 100
41 52.0 42.8 64.2
39 34.2 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.223 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

Tgt Ion: 76 Resp: 229350

Ion Ratio Lower Upper

76 100

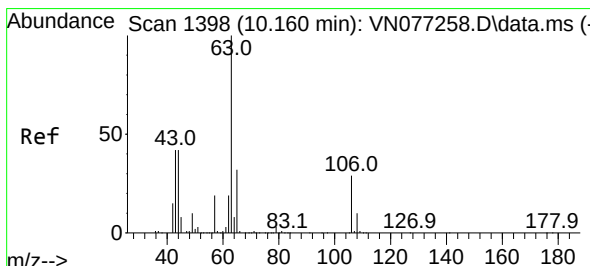
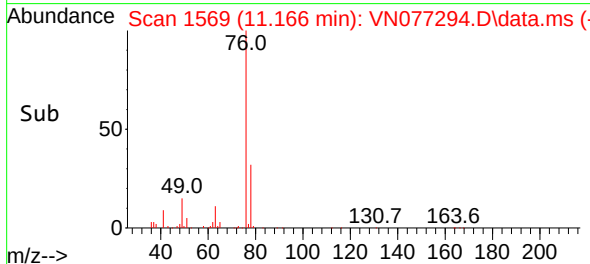
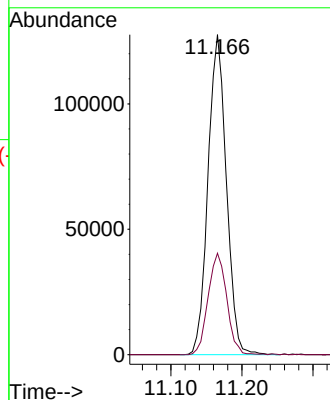
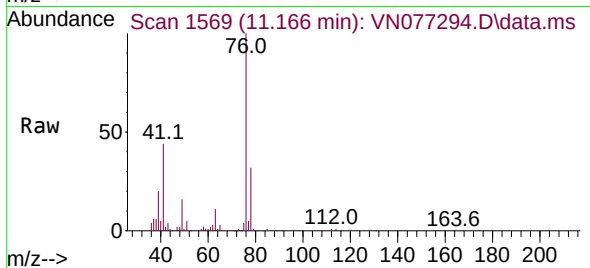
78 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.689 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077294.D

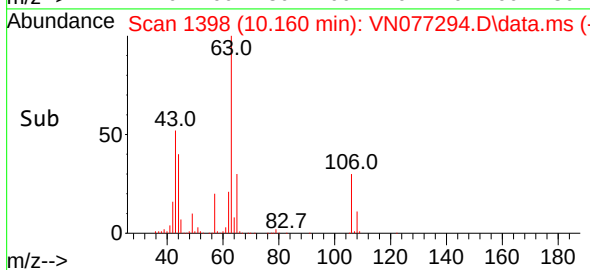
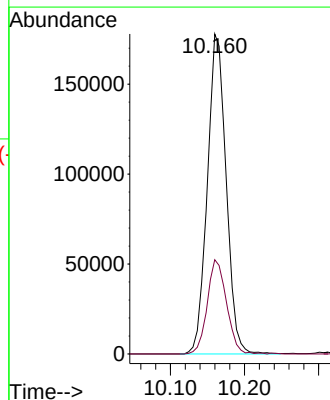
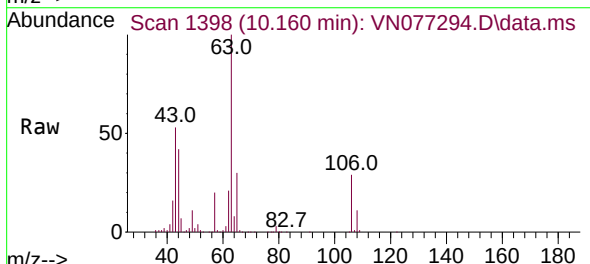
Acq: 11 Apr 2023 10:49

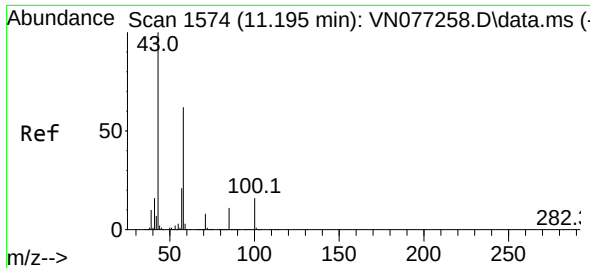
Tgt Ion: 63 Resp: 313709

Ion Ratio Lower Upper

63 100

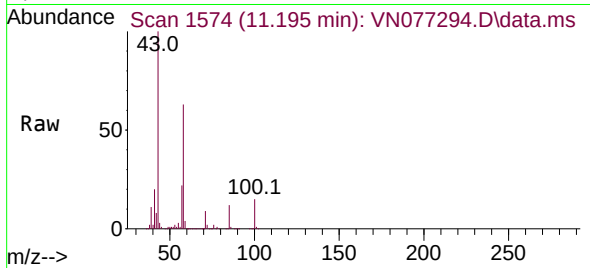
106 30.2 24.1 36.1





#59
2-Hexanone
Concen: 90.524 ug/l
RT: 11.195 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

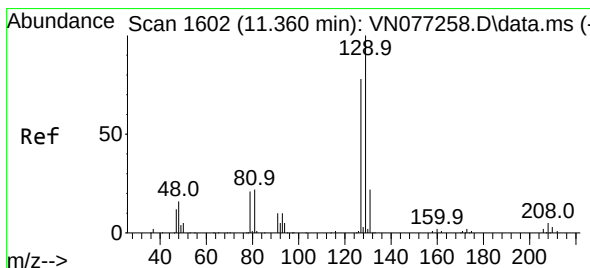
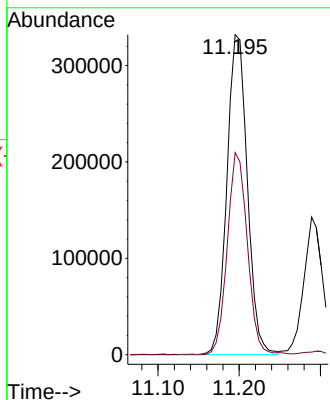
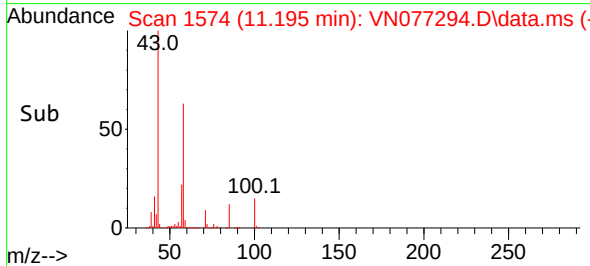
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion: 43 Resp: 579932
Ion Ratio Lower Upper
43 100
58 62.1 30.9 92.5

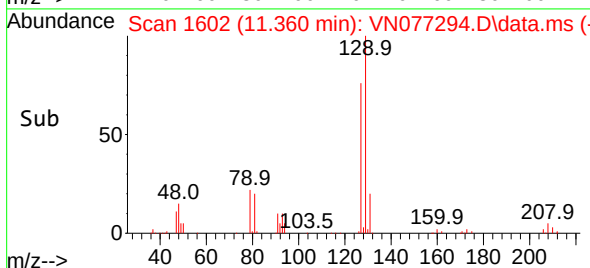
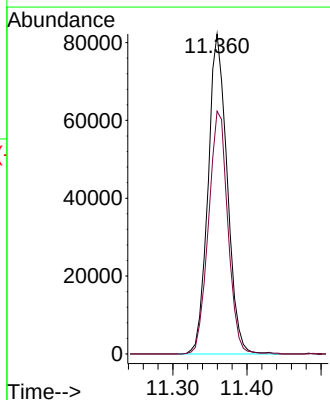
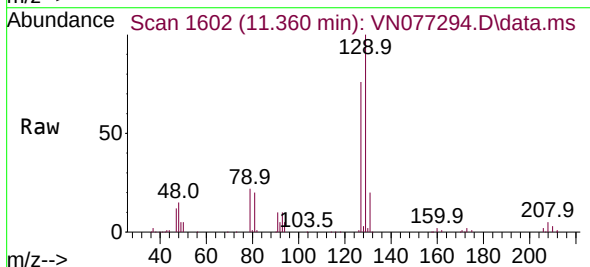
Manual Integrations
APPROVED

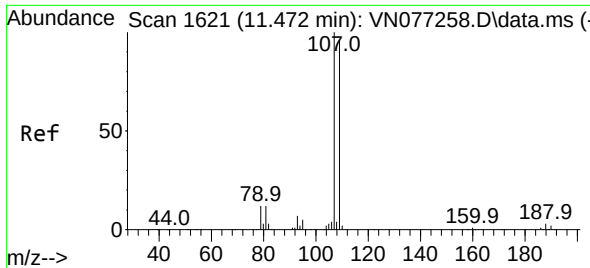
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#60
Dibromochloromethane
Concen: 19.800 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

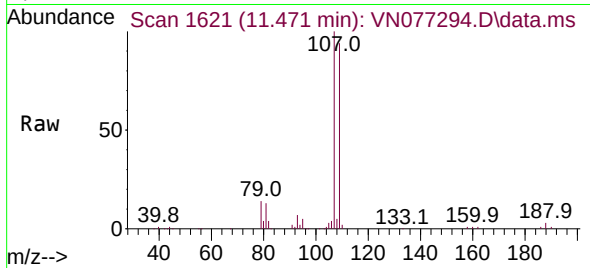
Tgt Ion:129 Resp: 147265
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.5





#61
1,2-Dibromoethane
Concen: 19.286 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

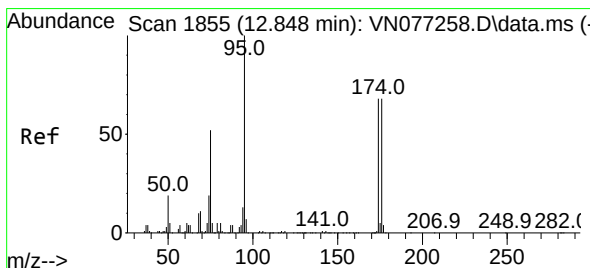
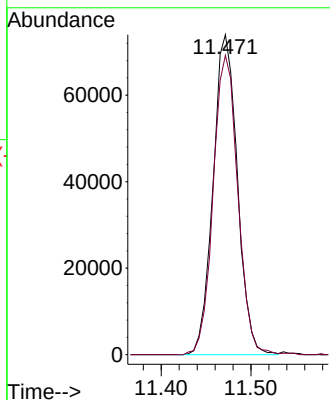
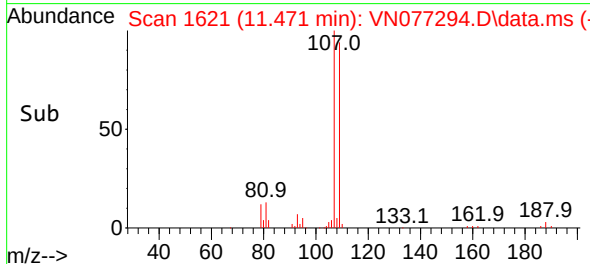
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



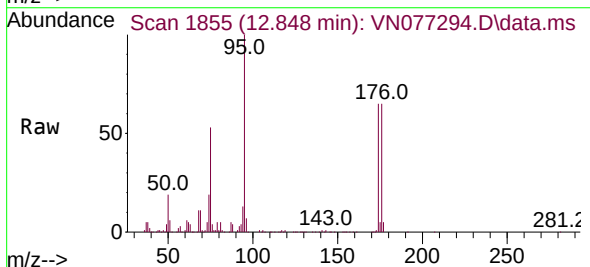
Tgt Ion:107 Resp: 139010
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

Manual Integrations
APPROVED

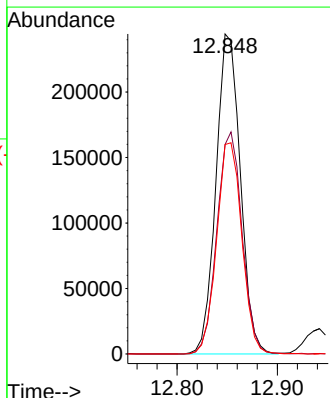
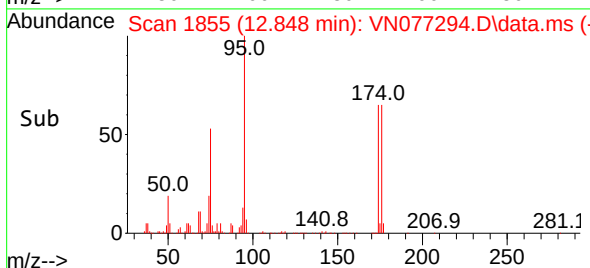
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

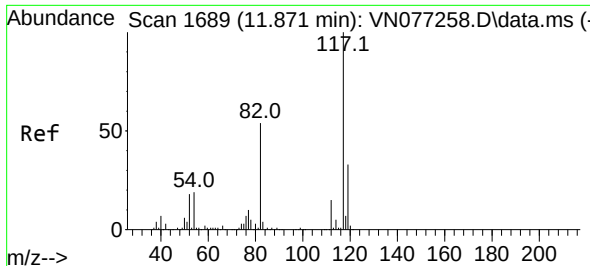


#62
4-Bromofluorobenzene
Concen: 50.546 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



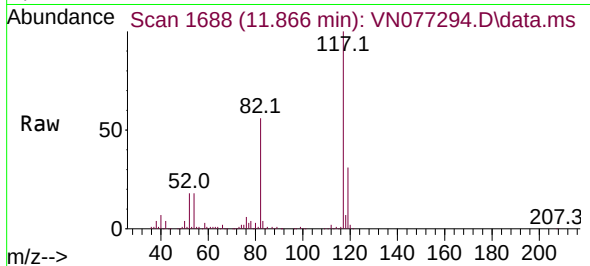
Tgt Ion: 95 Resp: 412323
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.8
176 68.3 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

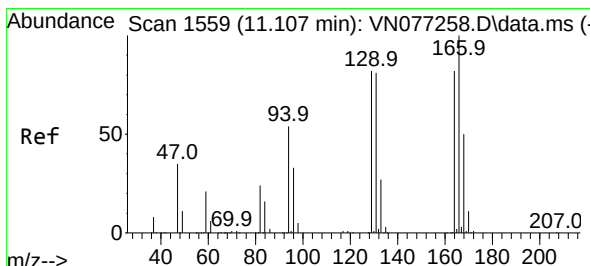
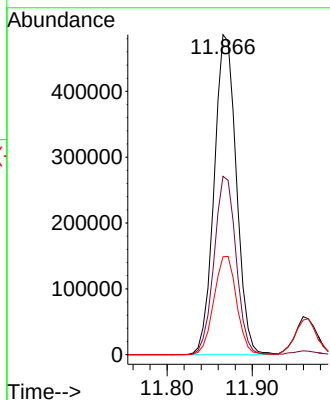
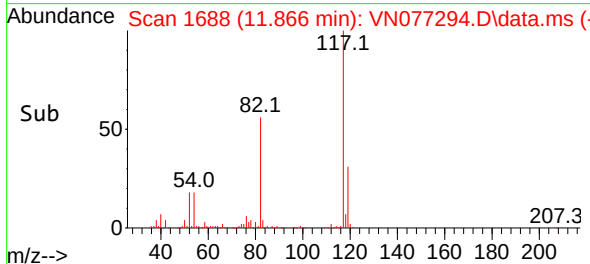
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



Tgt Ion:117 Resp: 88030
Ion Ratio Lower Upper
117 100
82 55.7 42.9 64.3
119 30.6 26.2 39.4

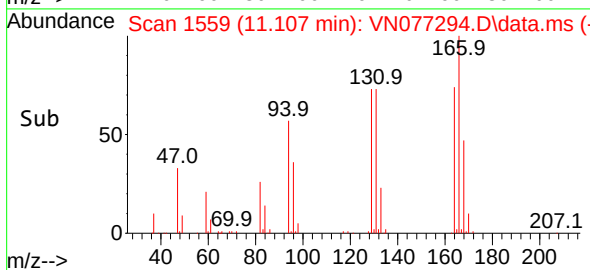
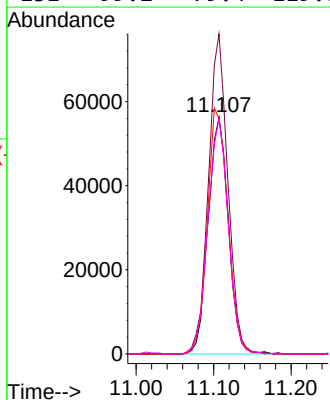
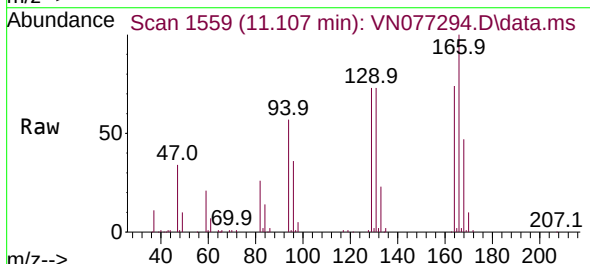
Manual Integrations
APPROVED

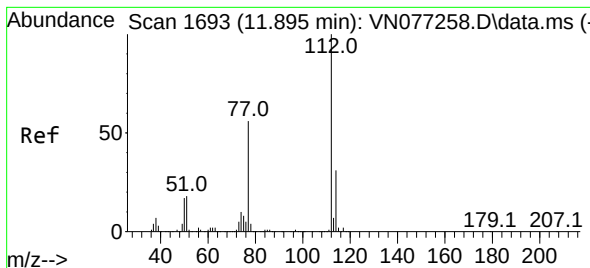
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#64
Tetrachloroethene
Concen: 18.843 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

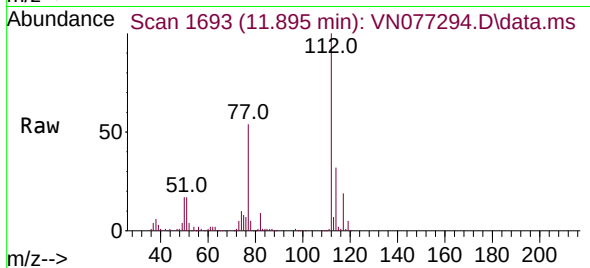
Tgt Ion:164 Resp: 102468
Ion Ratio Lower Upper
164 100
166 135.1 97.8 146.6
129 99.3 80.1 120.1
131 99.2 79.4 119.0





#65
Chlorobenzene
Concen: 19.080 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

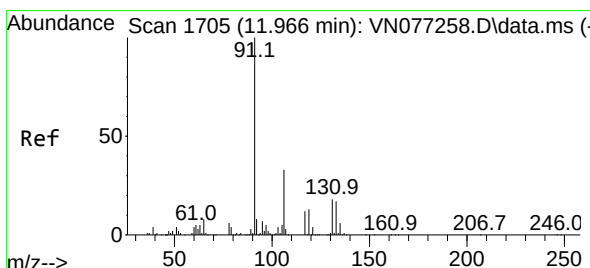
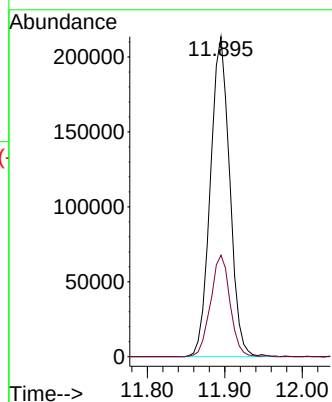
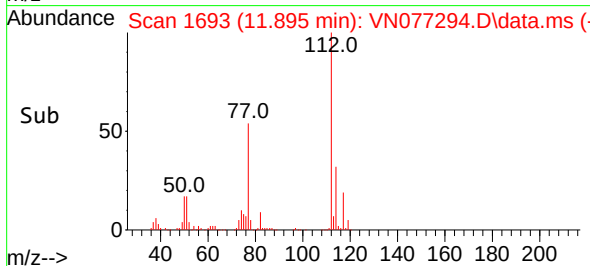
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



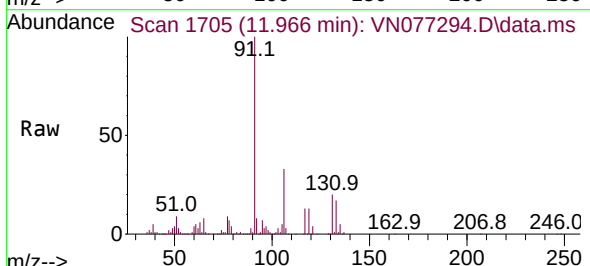
Tgt Ion:112 Resp: 369784
Ion Ratio Lower Upper
112 100
114 31.7 24.6 36.8

Manual Integrations
APPROVED

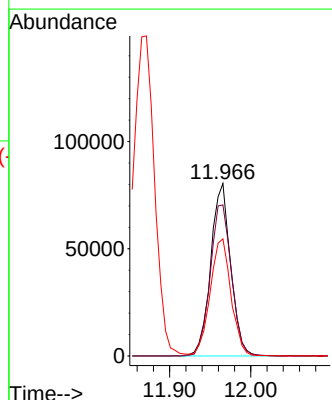
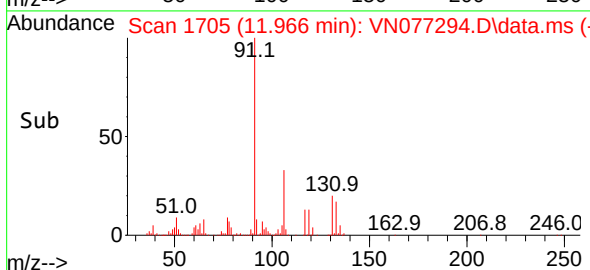
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

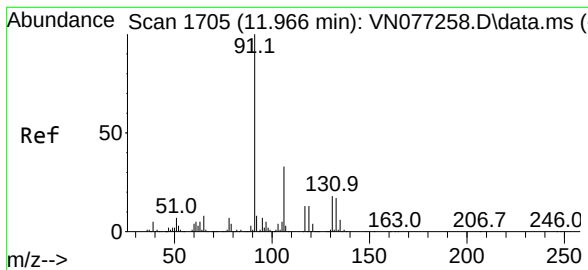


#66
1,1,1,2-Tetrachloroethane
Concen: 18.641 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



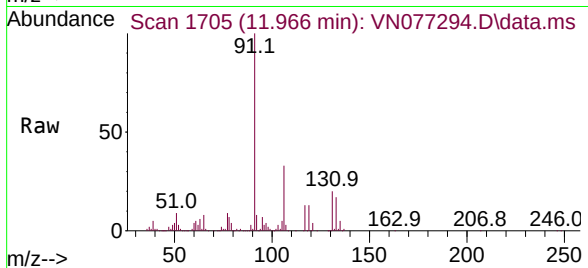
Tgt Ion:131 Resp: 136700
Ion Ratio Lower Upper
131 100
133 93.6 46.9 140.6
119 71.3 34.0 102.0





#67
Ethyl Benzene
Concen: 19.010 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

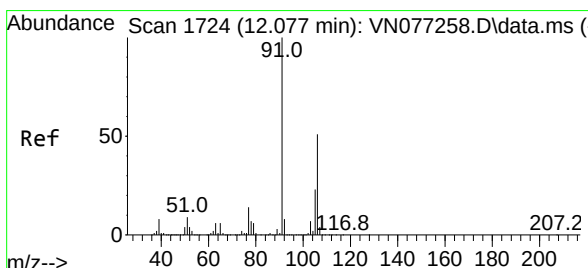
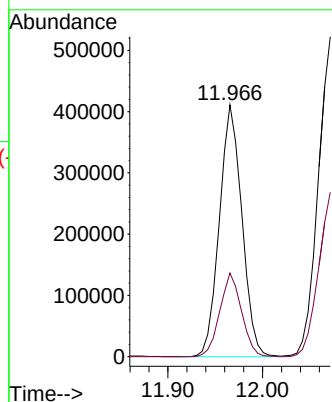
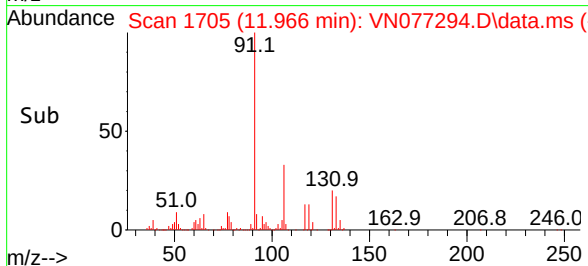
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



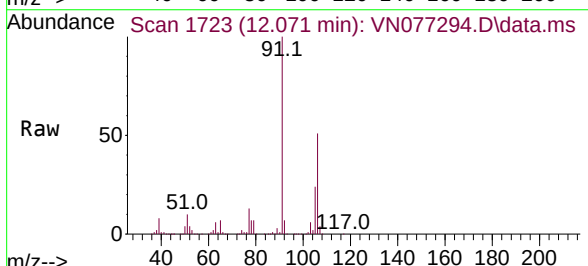
Tgt Ion: 91 Resp: 67986
Ion Ratio Lower Upper
91 100
106 33.2 26.2 39.2

Manual Integrations
APPROVED

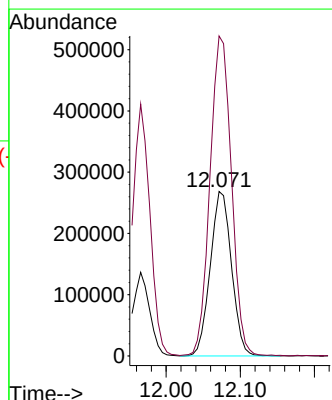
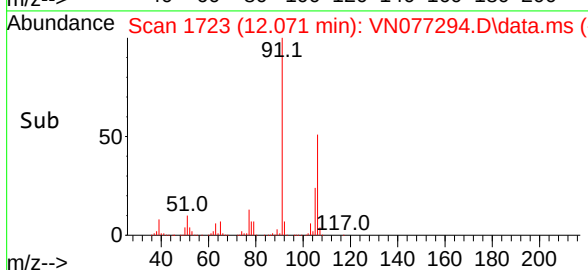
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

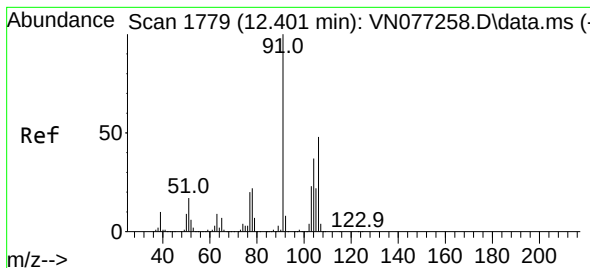


#68
m/p-Xylenes
Concen: 38.036 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



Tgt Ion:106 Resp: 534494
Ion Ratio Lower Upper
106 100
91 196.3 158.7 238.1





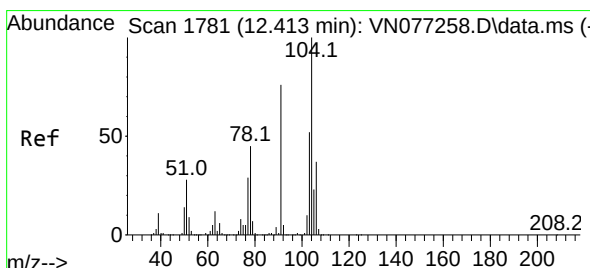
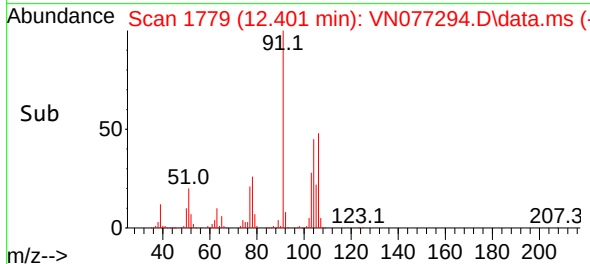
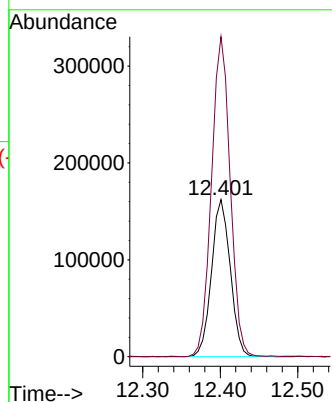
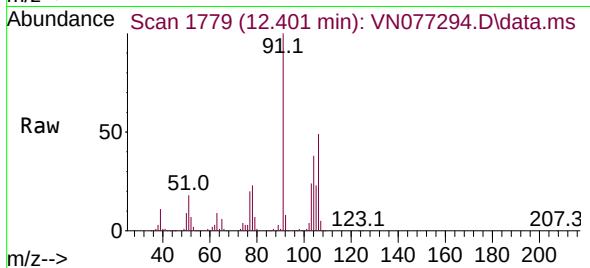
#69
o-Xylene
Concen: 19.686 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion:106 Resp: 272908
Ion Ratio Lower Upper
106 100
91 203.5 104.0 312.0

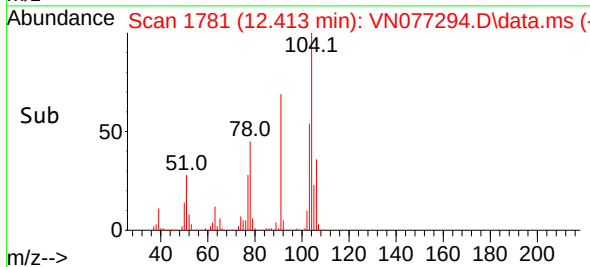
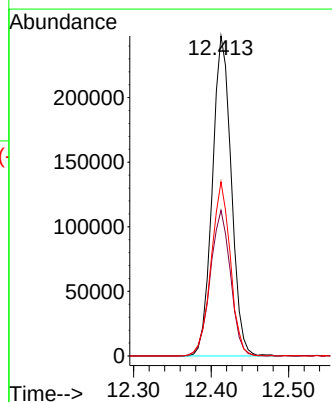
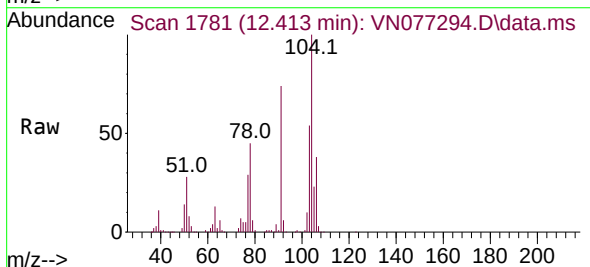
Manual Integrations
APPROVED

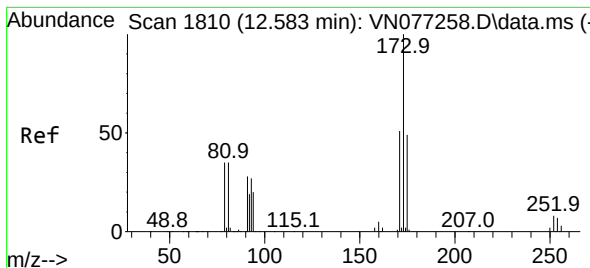
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#70
Styrene
Concen: 18.879 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion:104 Resp: 421172
Ion Ratio Lower Upper
104 100
78 48.4 38.0 57.0
103 55.1 43.1 64.7





#71

Bromoform

Concen: 17.869 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

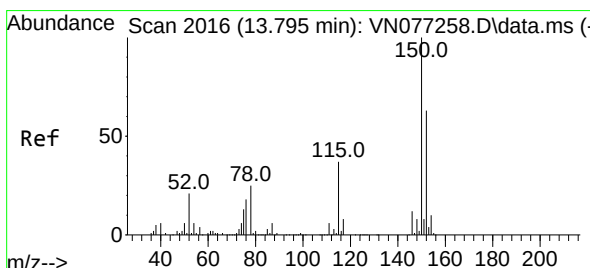
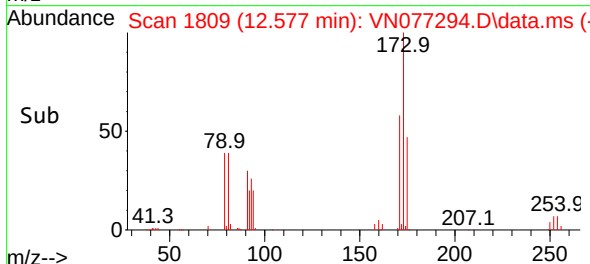
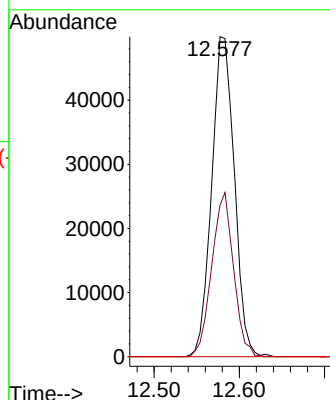
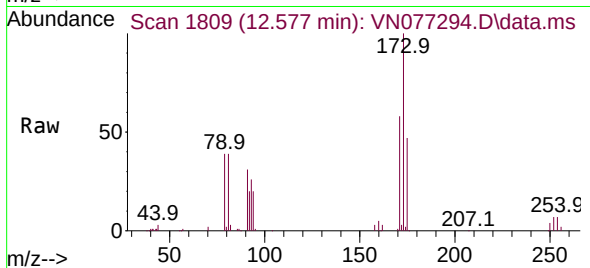
Tgt Ion:	173	Resp:	92239
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.1	72.4
254	0.0	0.1	0.1

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

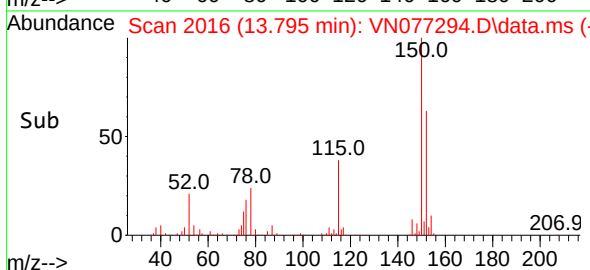
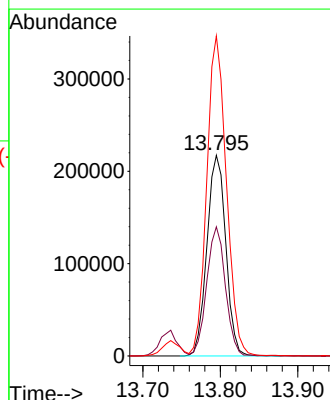
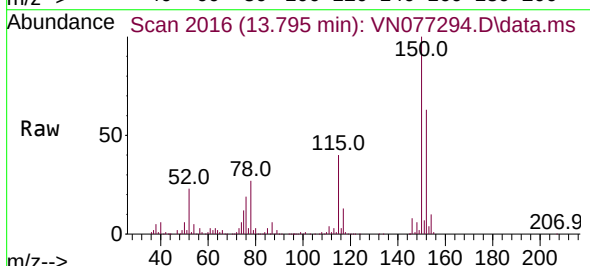
RT: 13.795 min Scan# 2016

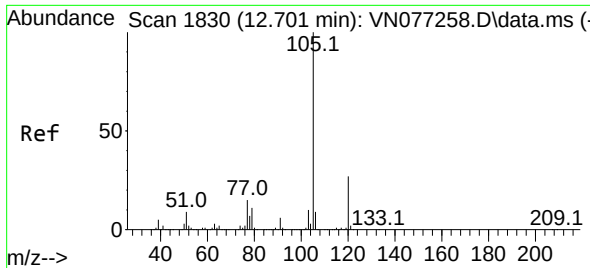
Delta R.T. -0.000 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

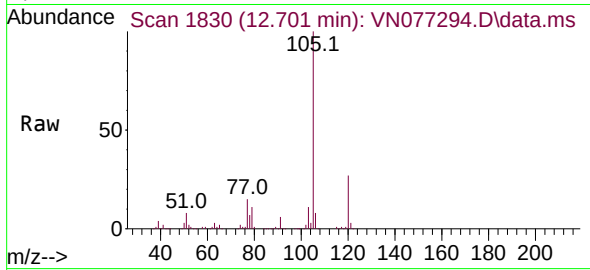
Tgt Ion:	152	Resp:	366952
Ion Ratio	Lower	Upper	
152	100		
115	64.1	32.1	96.3
150	165.9	0.0	354.8





#73
Isopropylbenzene
Concen: 18.956 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

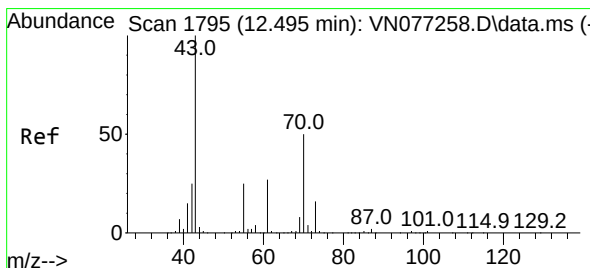
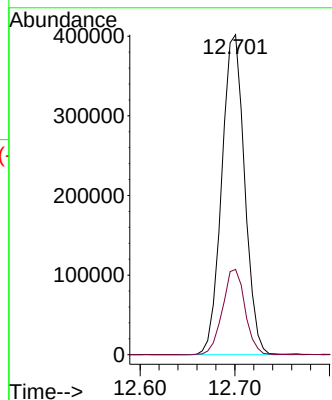
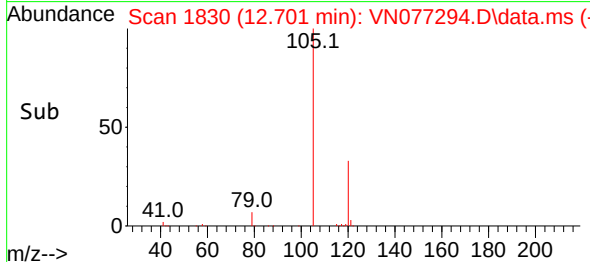
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



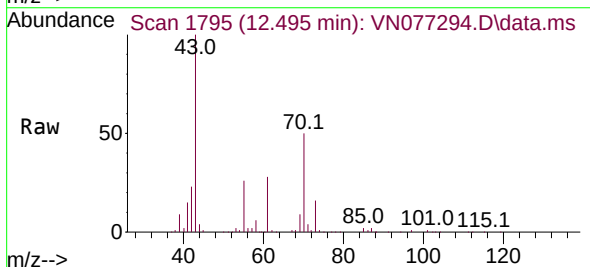
Tgt Ion:105 Resp: 675628
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

Manual Integrations
APPROVED

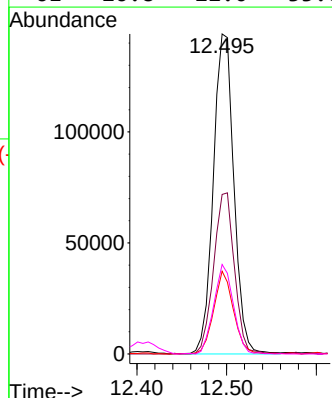
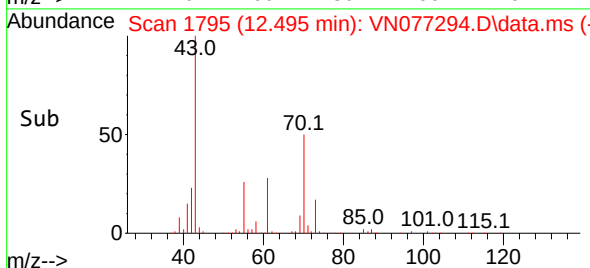
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

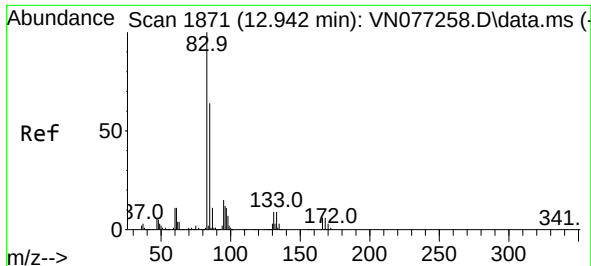


#74
N-ethyl acetate
Concen: 17.021 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



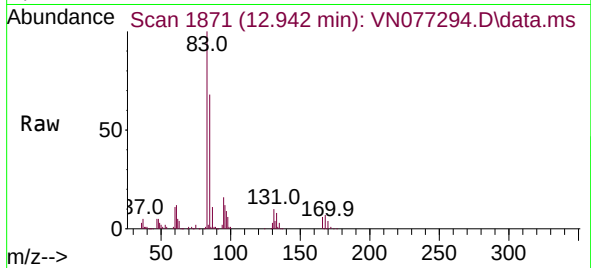
Tgt Ion: 43 Resp: 229898
Ion Ratio Lower Upper
43 100
70 50.7 41.0 61.6
55 24.9 19.3 28.9
61 26.8 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.329 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

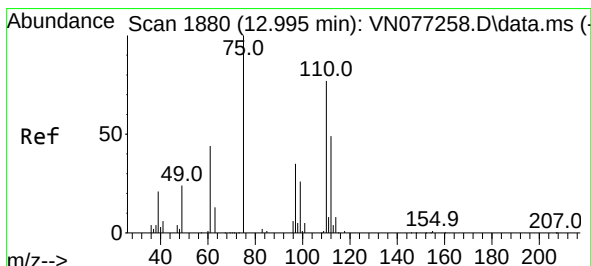
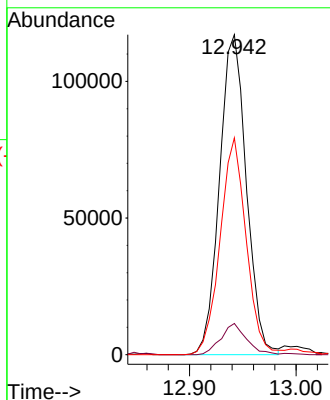
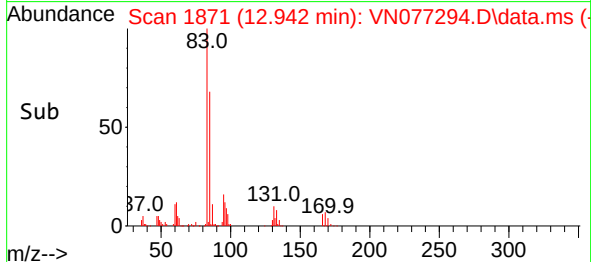
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



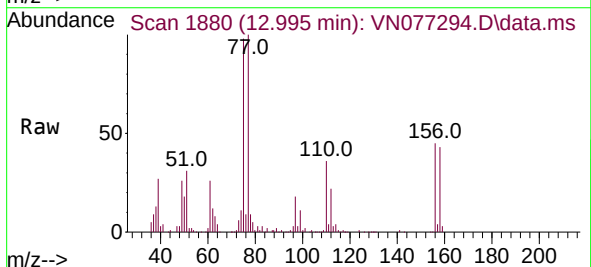
Tgt Ion: 83 Resp: 205010
Ion Ratio Lower Upper
83 100
131 9.3 4.9 14.6
85 65.9 32.1 96.3

Manual Integrations
APPROVED

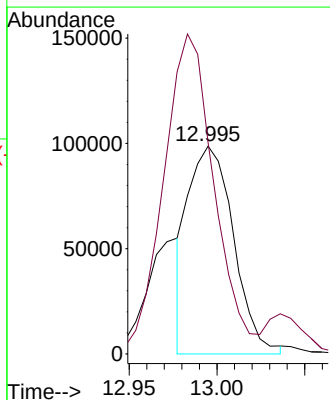
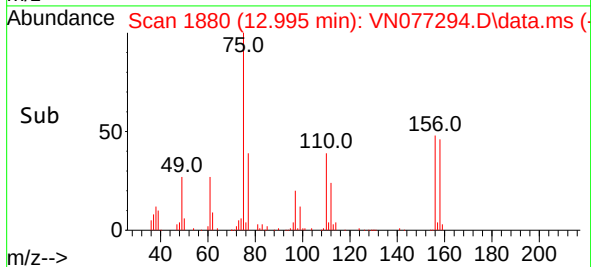
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

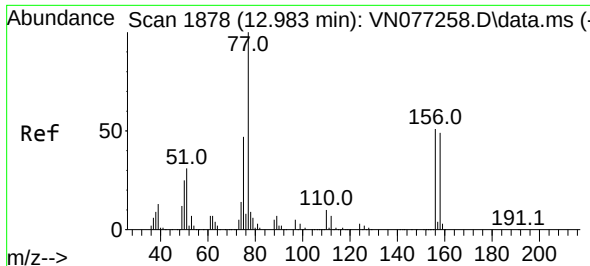


#76
1,2,3-Trichloropropane
Concen: 20.217 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



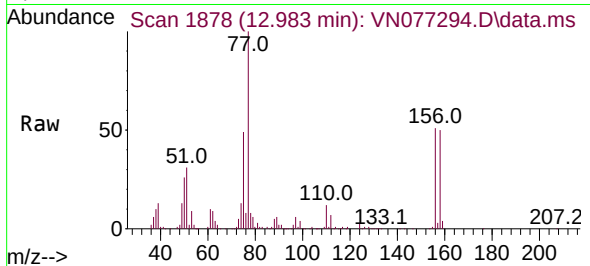
Tgt Ion: 75 Resp: 176656
Ion Ratio Lower Upper
75 100
77 173.3 88.3 264.9





#77
Bromobenzene
Concen: 18.776 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

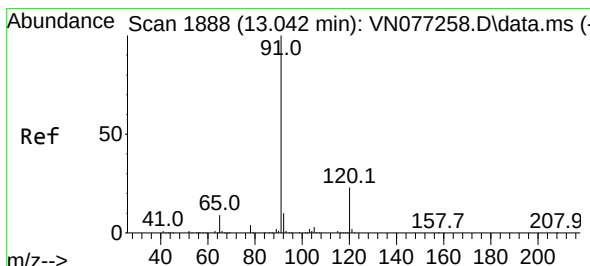
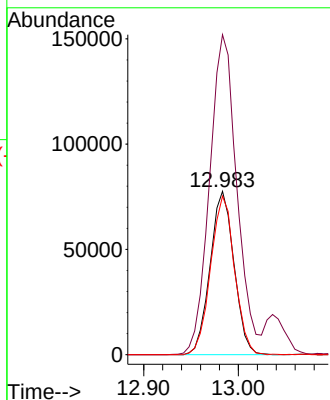
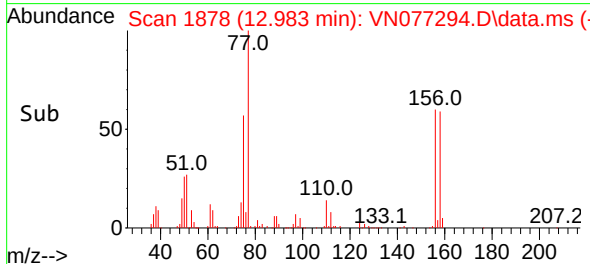
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



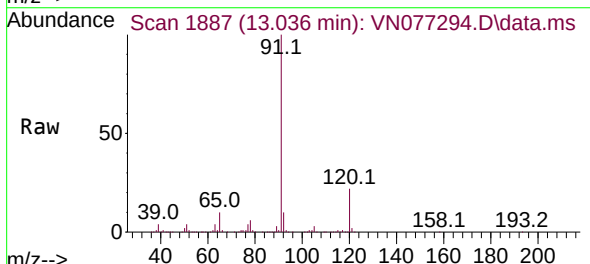
Tgt Ion:156 Resp: 136073
Ion Ratio Lower Upper
156 100
77 225.0 115.3 345.8
158 97.1 49.3 147.8

Manual Integrations
APPROVED

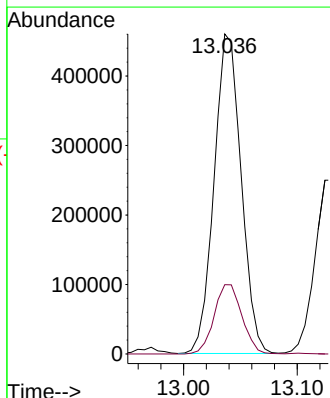
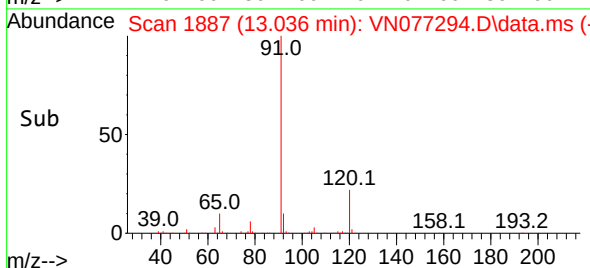
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

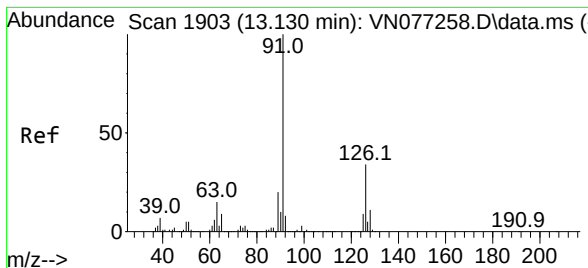


#78
n-propylbenzene
Concen: 19.325 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



Tgt Ion: 91 Resp: 761038
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5





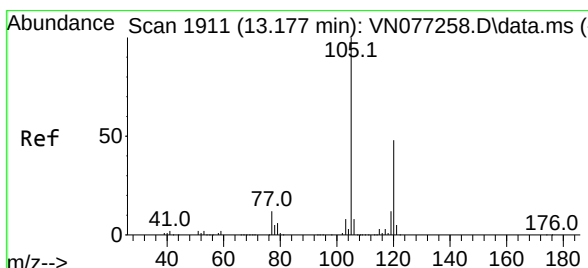
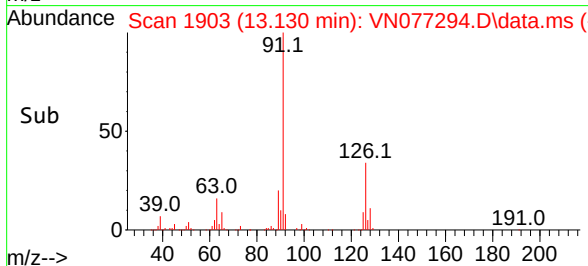
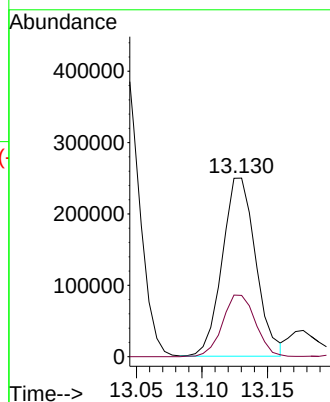
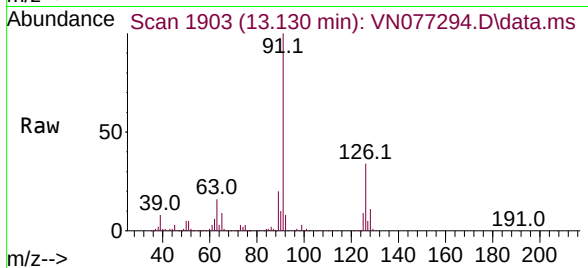
#79
2-Chlorotoluene
Concen: 18.711 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 91 Resp: 443689
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.4

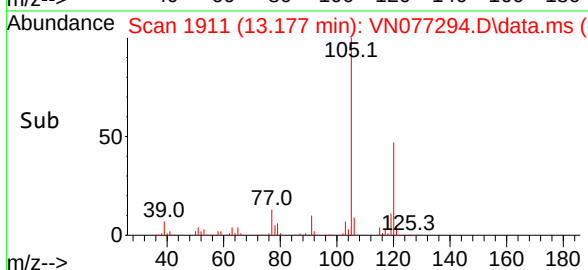
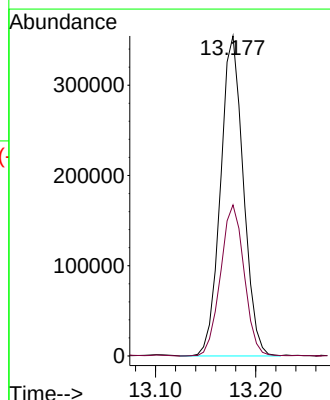
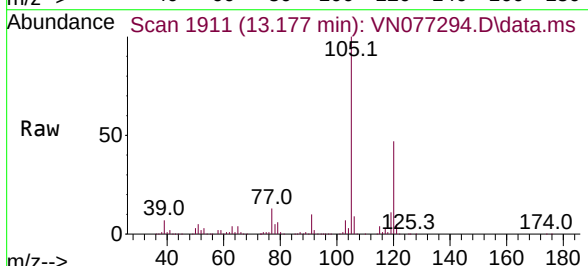
Manual Integrations
APPROVED

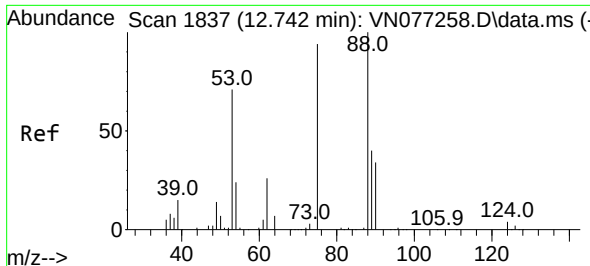
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.688 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion:105 Resp: 560472
Ion Ratio Lower Upper
105 100
120 48.7 24.3 73.0





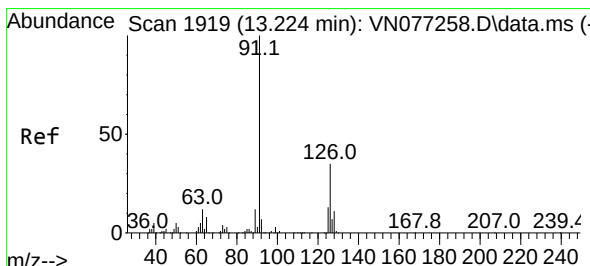
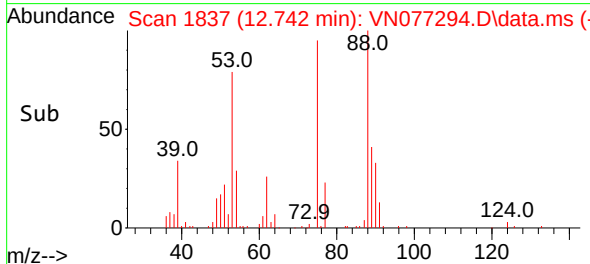
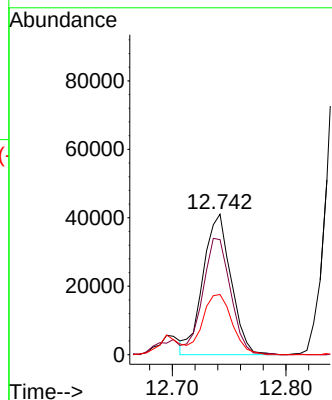
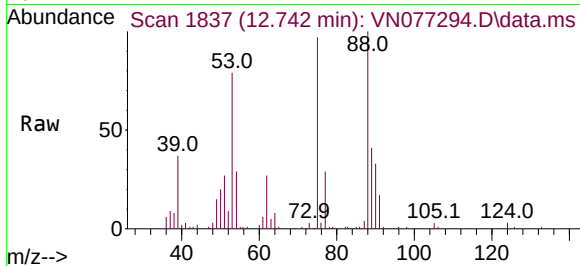
#81
trans-1,4-Dichloro-2-butene
Concen: 18.156 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 75 Resp: 70499
Ion Ratio Lower Upper
75 100
53 82.5 72.8 109.2
89 44.9 37.4 56.2

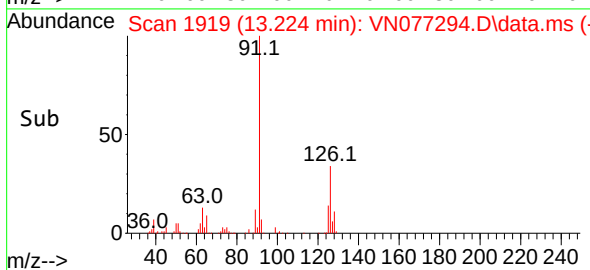
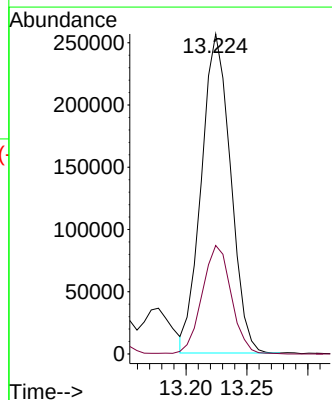
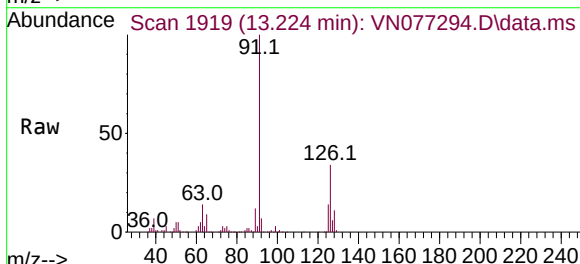
Manual Integrations
APPROVED

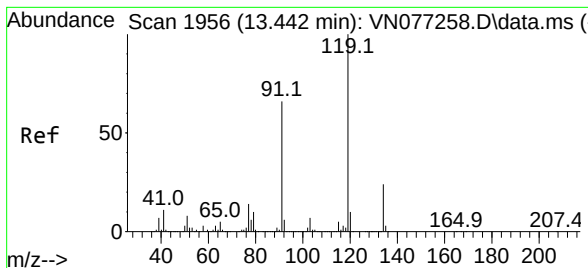
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#82
4-Chlorotoluene
Concen: 19.108 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

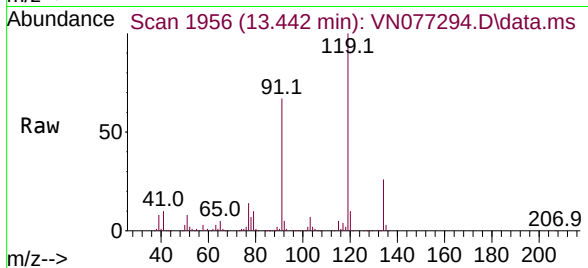
Tgt Ion: 91 Resp: 427211
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 18.956 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

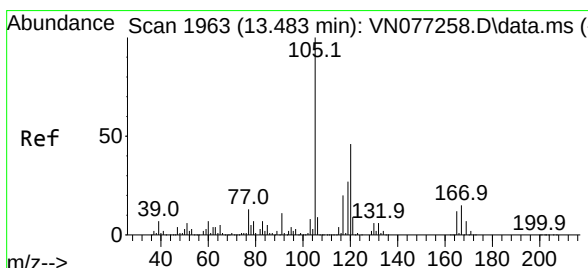
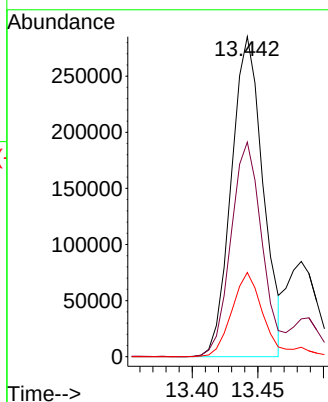
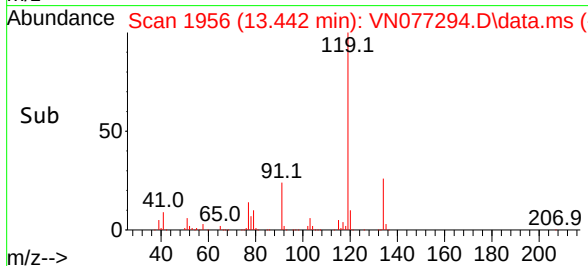
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



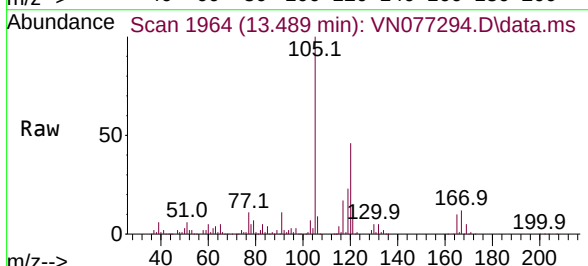
Tgt Ion:119 Resp: 480333
Ion Ratio Lower Upper
119 100
91 66.6 33.5 100.4
134 27.2 13.3 39.9

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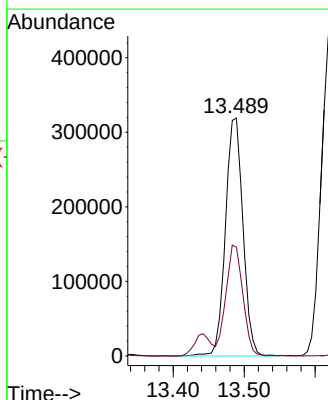
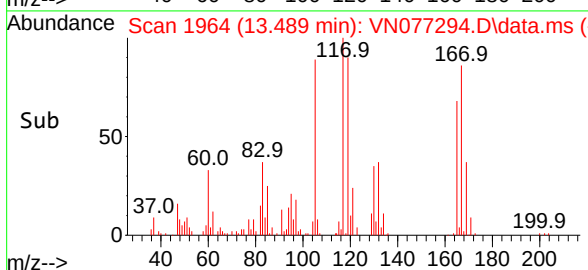
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

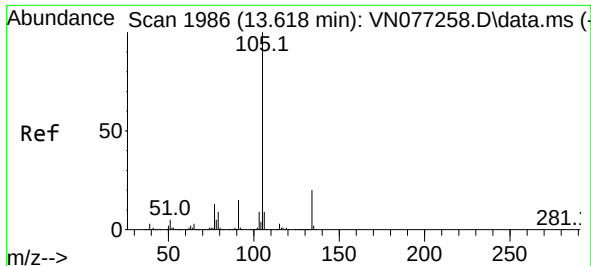


#84
1,2,4-Trimethylbenzene
Concen: 19.395 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



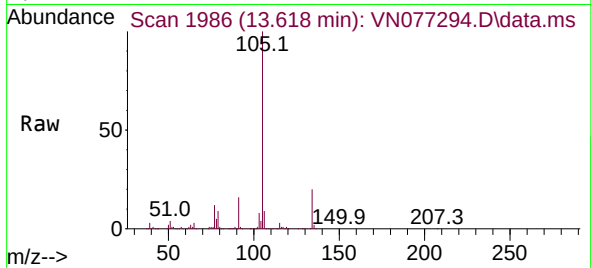
Tgt Ion:105 Resp: 545451
Ion Ratio Lower Upper
105 100
120 45.1 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 19.426 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49

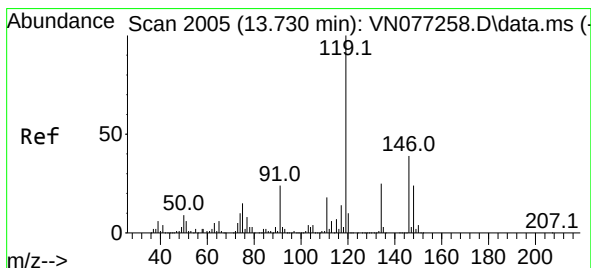
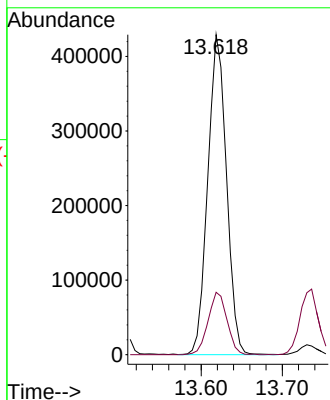
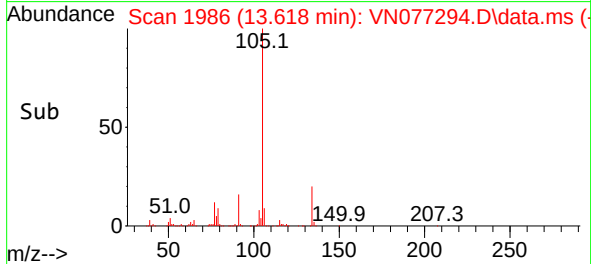
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01



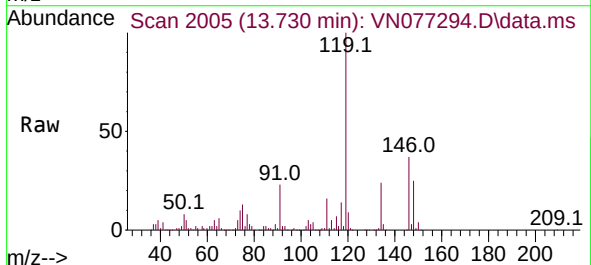
Tgt Ion:105 Resp: 685985
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

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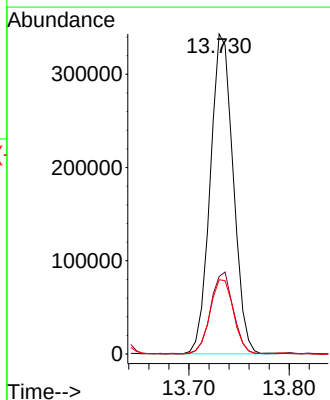
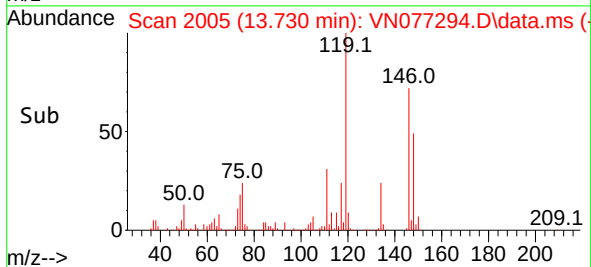
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

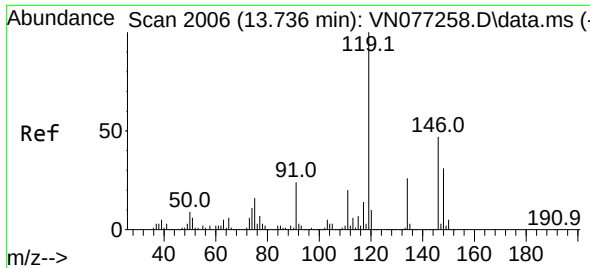


#86
 p-Isopropyltoluene
 Concen: 19.670 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49



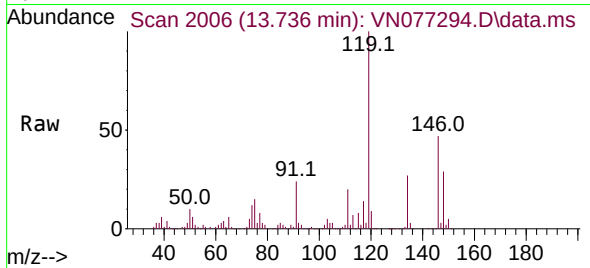
Tgt Ion:119 Resp: 545894
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 23.7 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 19.050 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49

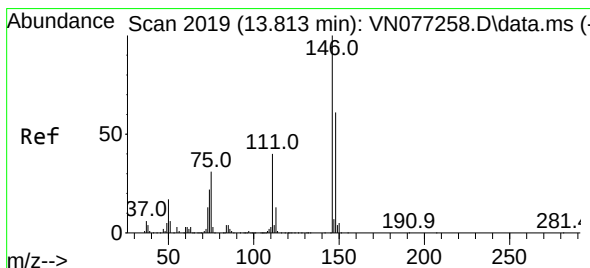
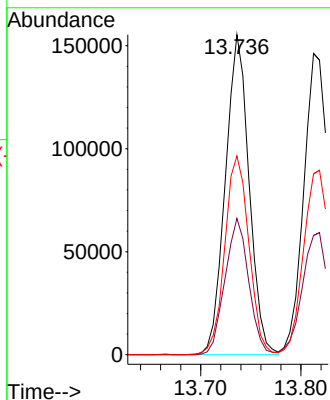
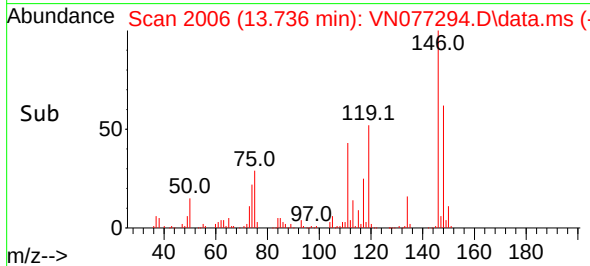
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBS01



Tgt Ion:146 Resp: 255419
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.8 65.4
 148 63.1 31.7 95.1

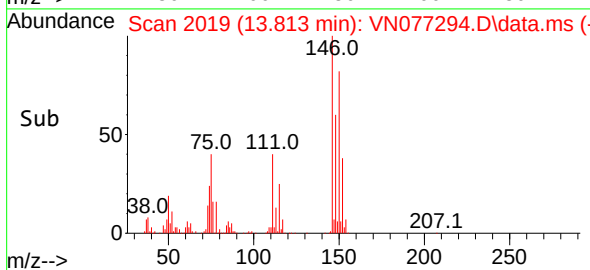
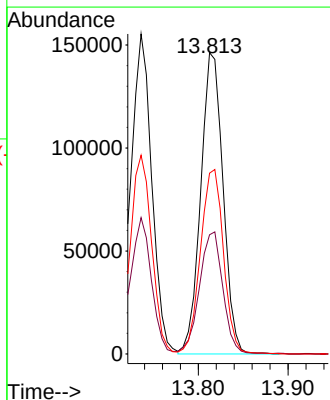
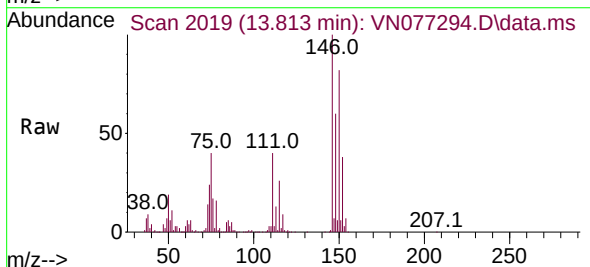
Manual Integrations
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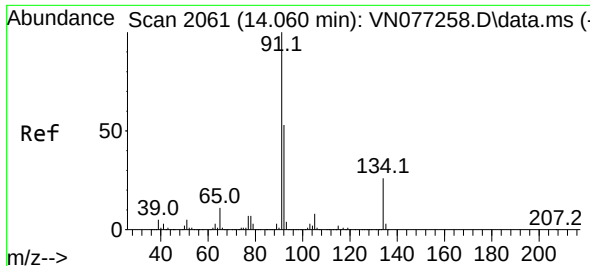
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#88
 1,4-Dichlorobenzene
 Concen: 19.141 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077294.D
 Acq: 11 Apr 2023 10:49

Tgt Ion:146 Resp: 253082
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.4 61.2
 148 63.3 31.6 95.0





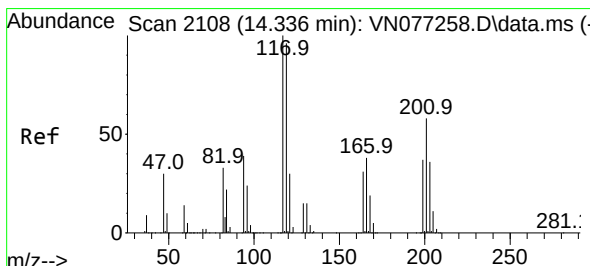
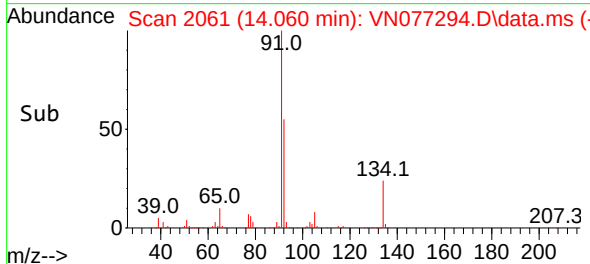
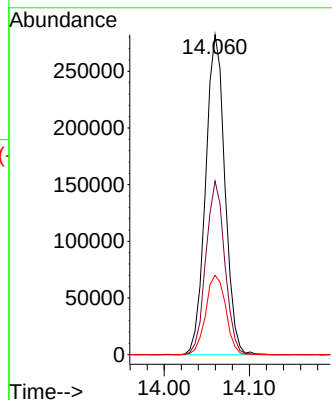
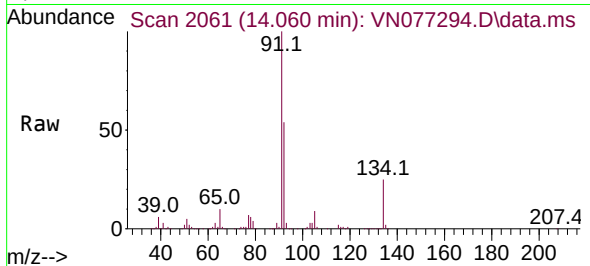
#89
n-Butylbenzene
Concen: 19.236 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion: 91 Resp: 44319
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 25.8 12.8 38.3

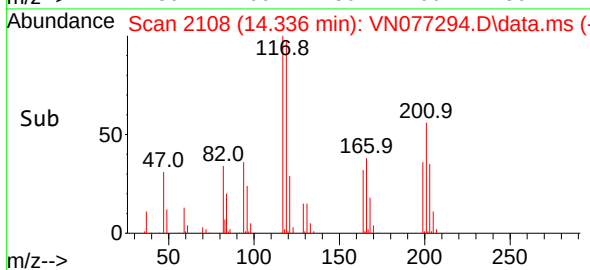
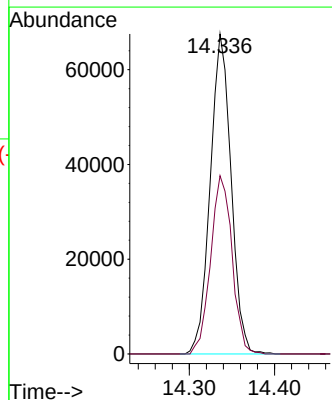
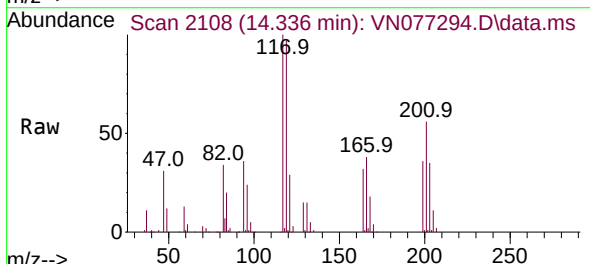
Manual Integrations
APPROVED

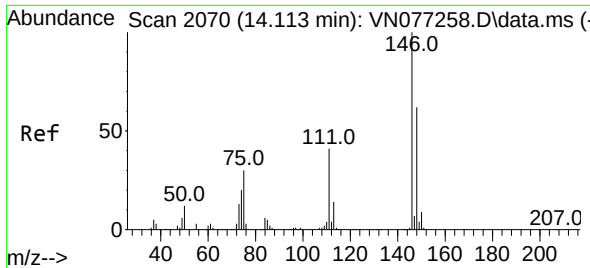
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#90
Hexachloroethane
Concen: 18.902 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion:117 Resp: 114702
Ion Ratio Lower Upper
117 100
201 57.2 29.8 89.5





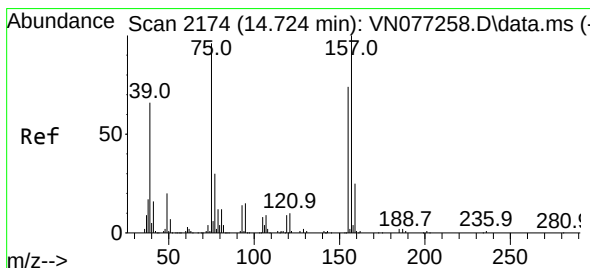
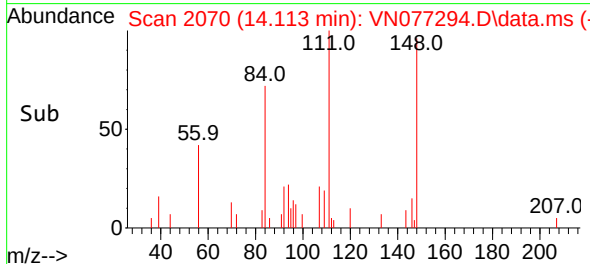
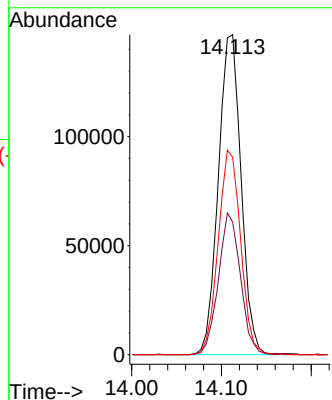
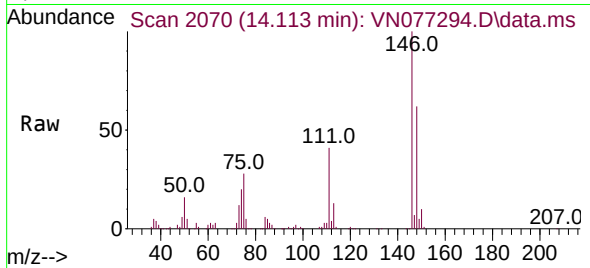
#91
1,2-Dichlorobenzene
Concen: 19.266 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01

Tgt Ion:146 Resp: 25841
Ion Ratio Lower Upper
146 100
111 42.9 21.9 65.5
148 63.1 31.9 95.5

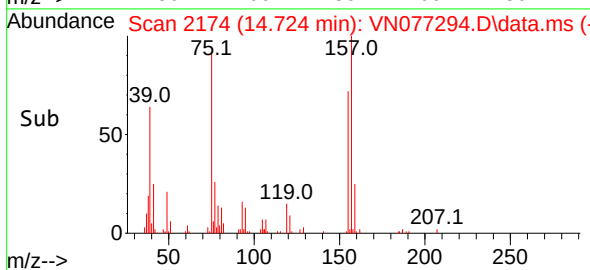
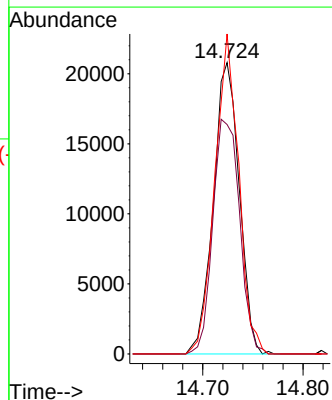
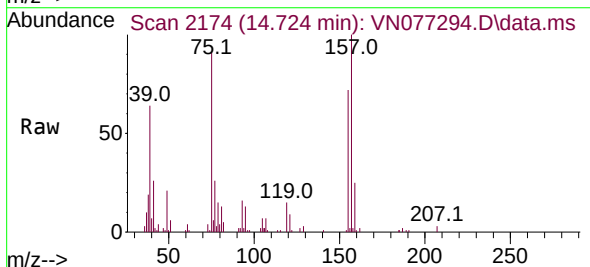
Manual Integrations
APPROVED

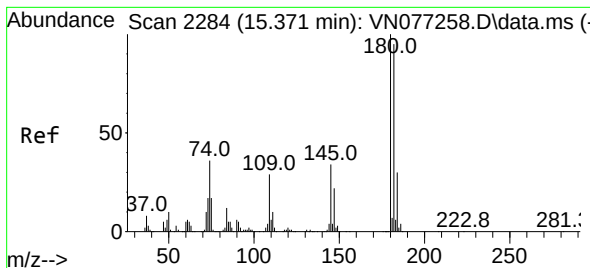
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.566 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

Tgt Ion: 75 Resp: 37237
Ion Ratio Lower Upper
75 100
155 83.4 41.0 123.2
157 101.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.006 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBS01

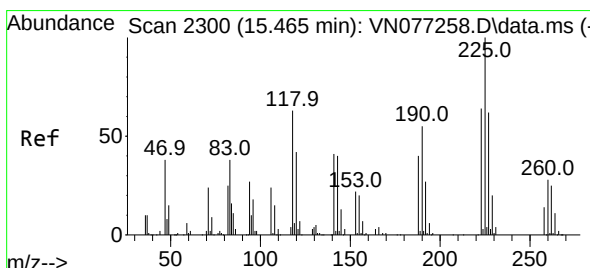
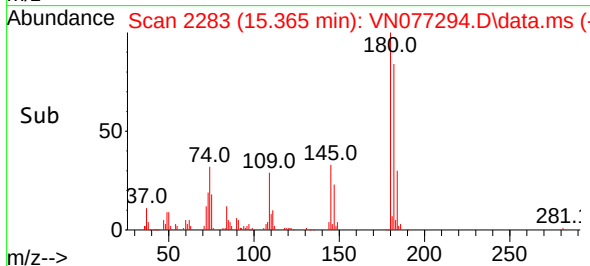
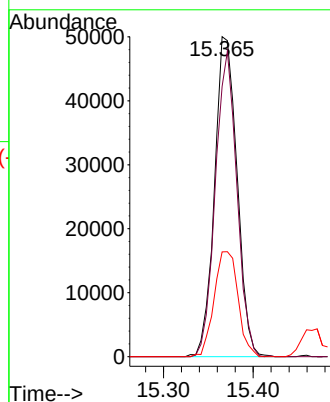
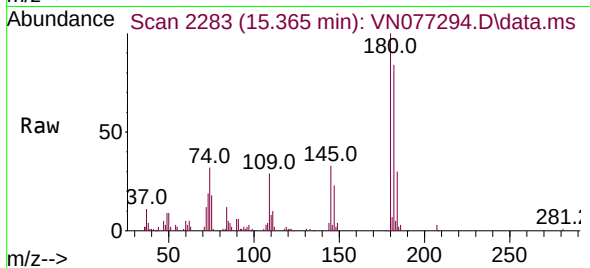
Tgt Ion:180	Resp:	87184
Ion Ratio	Lower	Upper
180	100	
182	91.1	46.7 140.0
145	34.8	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#94

Hexachlorobutadiene

Concen: 18.543 ug/l

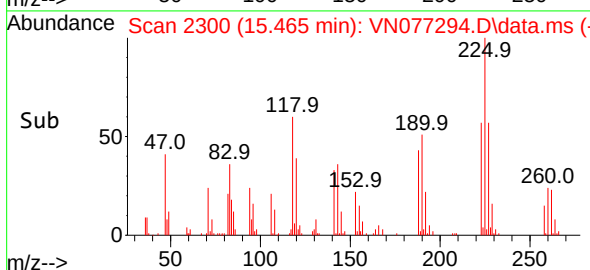
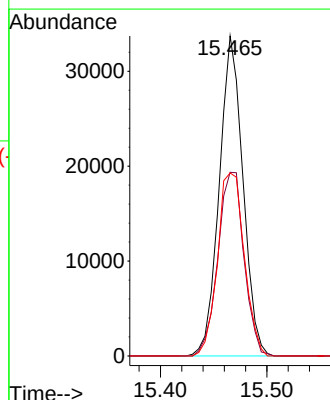
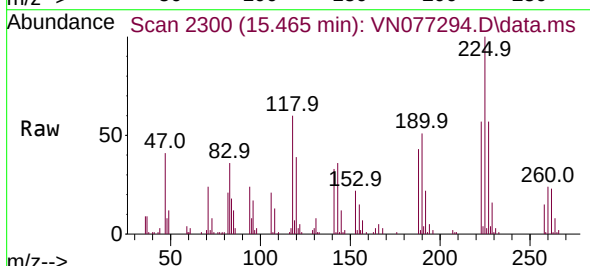
RT: 15.465 min Scan# 2300

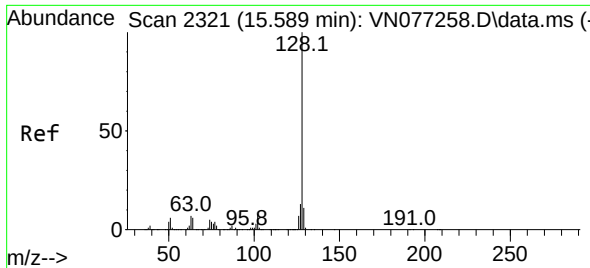
Delta R.T. 0.000 min

Lab File: VN077294.D

Acq: 11 Apr 2023 10:49

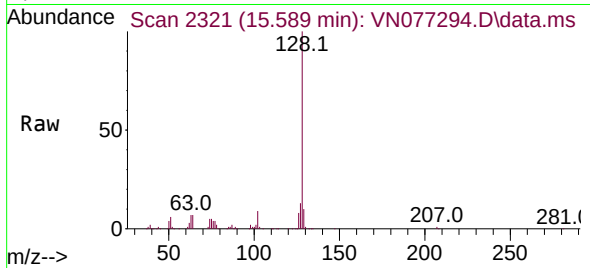
Tgt Ion:225	Resp:	51972
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.7 95.1
227	64.4	31.2 93.6





#95
Naphthalene
Concen: 17.657 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49

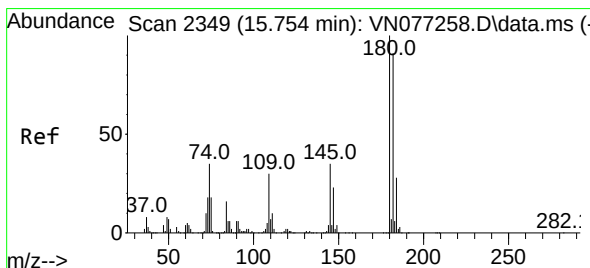
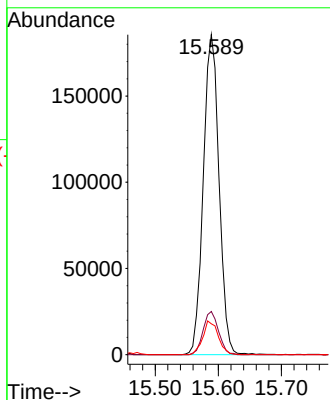
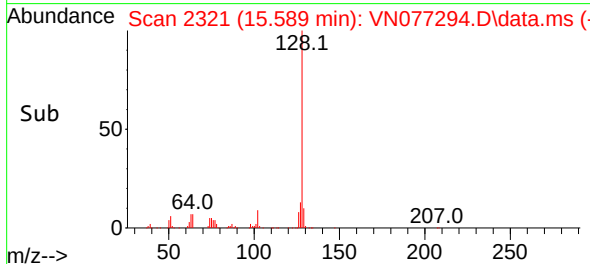
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBS01



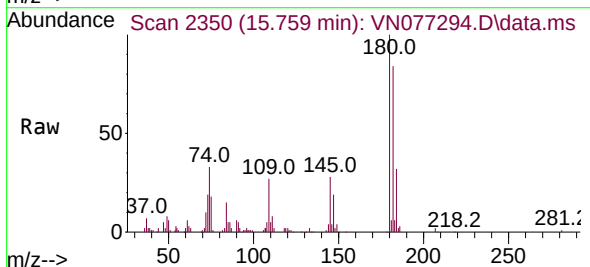
Tgt Ion:128 Resp: 321150
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.3 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.076 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077294.D
Acq: 11 Apr 2023 10:49



Tgt Ion:180 Resp: 83717
Ion Ratio Lower Upper
180 100
182 93.4 46.9 140.8
145 32.6 17.6 52.8

