

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077448.D
 Acq On : 25 Apr 2023 05:16
 Operator : JC\MD
 Sample : VN0424WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 08:40:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	533790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1037245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	925544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	365675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	354874	50.949	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.900%			
35) Dibromofluoromethane	8.178	113	295662	47.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.860%			
50) Toluene-d8	10.572	98	1207174	50.523	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.040%			
62) 4-Bromofluorobenzene	12.848	95	392842	50.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	125302	18.584	ug/l	94
3) Chloromethane	2.372	50	97473	18.217	ug/l	100
4) Vinyl Chloride	2.525	62	134580	18.881	ug/l	97
5) Bromomethane	2.966	94	112887	18.283	ug/l	86
6) Chloroethane	3.131	64	97508	18.006	ug/l	93
7) Trichlorofluoromethane	3.507	101	202186	19.299	ug/l	99
8) Diethyl Ether	3.966	74	70621	18.550	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	109353	17.948	ug/l	100
10) Methyl Iodide	4.602	142	134066	17.910	ug/l	95
11) Tert butyl alcohol	5.531	59	107627	96.252	ug/l #	92
12) 1,1-Dichloroethene	4.349	96	104338	17.516	ug/l	90
13) Acrolein	4.190	56	98884	88.896	ug/l	99
14) Allyl chloride	5.031	41	117476	17.738	ug/l	93
15) Acrylonitrile	5.725	53	248660	98.027	ug/l	97
16) Acetone	4.443	43	190066	85.771	ug/l	98
17) Carbon Disulfide	4.719	76	263525	17.410	ug/l	98
18) Methyl Acetate	5.037	43	161891	18.918	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	368469	18.600	ug/l	99
20) Methylene Chloride	5.284	84	127611	18.159	ug/l	92
21) trans-1,2-Dichloroethene	5.796	96	115120	17.872	ug/l	94
22) Diisopropyl ether	6.678	45	282373	18.577	ug/l	98
23) Vinyl Acetate	6.613	43	888366	93.585	ug/l	97
24) 1,1-Dichloroethane	6.578	63	197667	18.372	ug/l	98
25) 2-Butanone	7.490	43	295156	93.910	ug/l	100
26) 2,2-Dichloropropane	7.501	77	158960	15.237	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	136933	17.950	ug/l	98
28) Bromochloromethane	7.825	49	78210	19.035	ug/l	99
29) Tetrahydrofuran	7.843	42	198022	100.558	ug/l	96
30) Chloroform	7.966	83	224266	18.495	ug/l	95
31) Cyclohexane	8.260	56	175573	17.794	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	211621	18.983	ug/l	99
36) 1,1-Dichloropropene	8.378	75	159609	17.721	ug/l	99
37) Ethyl Acetate	7.566	43	122664	17.923	ug/l	99
38) Carbon Tetrachloride	8.366	117	173692	17.479	ug/l	96
39) Methylcyclohexane	9.601	83	204464	17.230	ug/l	97
40) Benzene	8.613	78	488315	17.797	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	65084	18.258	ug/l	98
42) 1,2-Dichloroethane	8.678	62	168913	17.924	ug/l	99
43) Isopropyl Acetate	8.690	43	216254	18.264	ug/l	98
44) Trichloroethene	9.354	130	127314	18.122	ug/l	93
45) 1,2-Dichloropropane	9.625	63	116385	18.108	ug/l	96
46) Dibromomethane	9.713	93	92893	17.812	ug/l	100
47) Bromodichloromethane	9.889	83	180131	17.856	ug/l	98
48) Methyl methacrylate	9.684	41	98667	18.307	ug/l	96
49) 1,4-Dioxane	9.701	88	48744	360.561	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	665898	95.883	ug/l	97
52) Toluene	10.631	92	327290	18.208	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	182156	17.833	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	193279	17.383	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	125870	17.414	ug/l	97
56) Ethyl methacrylate	10.878	69	179201	17.693	ug/l	94
57) 1,3-Dichloropropane	11.166	76	214109	18.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	373916	109.149	ug/l	100
59) 2-Hexanone	11.195	43	469859	93.075	ug/l	99
60) Dibromochloromethane	11.360	129	130903	17.450	ug/l	98
61) 1,2-Dibromoethane	11.472	107	133539	18.096	ug/l	98
64) Tetrachloroethene	11.107	164	100716	18.178	ug/l	92
65) Chlorobenzene	11.895	112	346552	17.695	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.966	131	127819	17.938	ug/l	95
67) Ethyl Benzene	11.966	91	619858	17.979	ug/l	99
68) m/p-Xylenes	12.078	106	485389	36.223	ug/l	99
69) o-Xylene	12.401	106	246041	18.667	ug/l	99
70) Styrene	12.413	104	387075	18.779	ug/l	98
71) Bromoform	12.583	173	85851	18.416	ug/l #	98
73) Isopropylbenzene	12.695	105	622304	18.339	ug/l	99
74) N-amyl acetate	12.495	43	171081	17.030	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.936	83	185022	17.354	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	186709m	21.957	ug/l	
77) Bromobenzene	12.983	156	127209	17.201	ug/l	99
78) n-propylbenzene	13.036	91	666341	17.760	ug/l	99
79) 2-Chlorotoluene	13.130	91	420341	18.171	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	470789	18.682	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	48296	16.046	ug/l	96
82) 4-Chlorotoluene	13.225	91	392224	18.145	ug/l	100
83) tert-Butylbenzene	13.442	119	441288	18.032	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	426678	18.130	ug/l	100
85) sec-Butylbenzene	13.619	105	601495	17.907	ug/l	100
86) p-Isopropyltoluene	13.730	119	458412	17.737	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	231150	17.575	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	222972	17.170	ug/l	99
89) n-Butylbenzene	14.060	91	334736	16.736	ug/l	100
90) Hexachloroethane	14.336	117	95703	16.761	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	232531	17.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	33331	16.905	ug/l	94
93) 1,2,4-Trichlorobenzene	15.371	180	50898	16.850	ug/l	98
94) Hexachlorobutadiene	15.466	225	42695	16.197	ug/l	98
95) Naphthalene	15.589	128	190870	17.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	47968	16.883	ug/l	100

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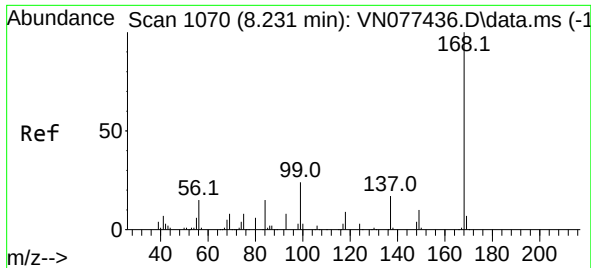
Manual Integrations
APPROVED

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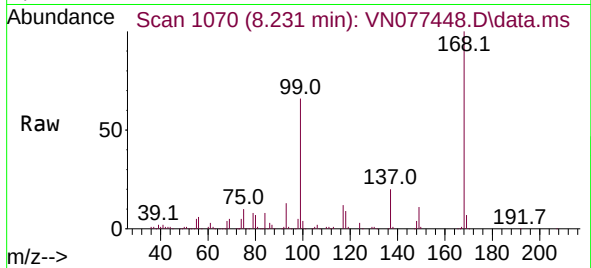
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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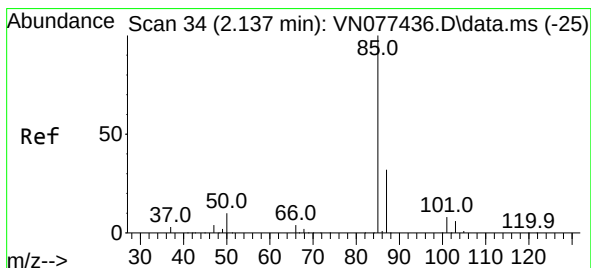
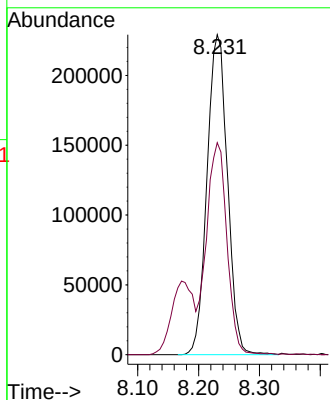
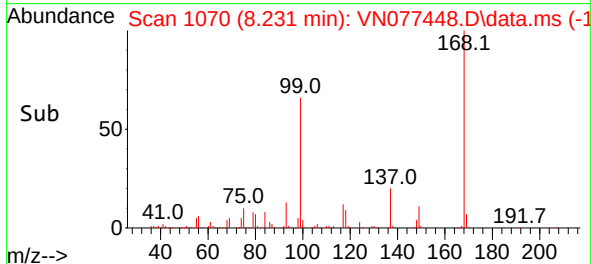
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion:168 Resp: 533790
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6

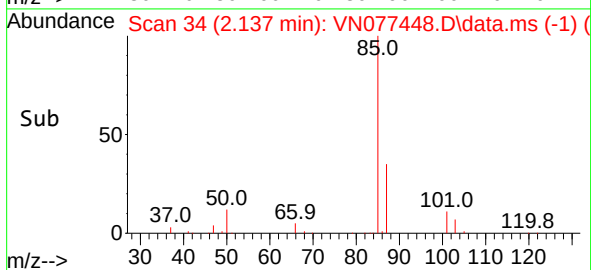
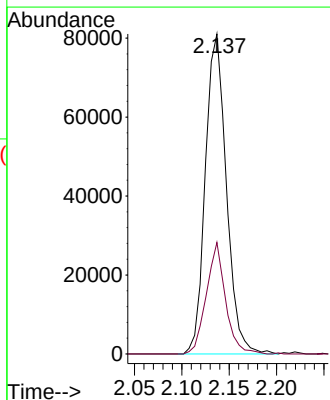
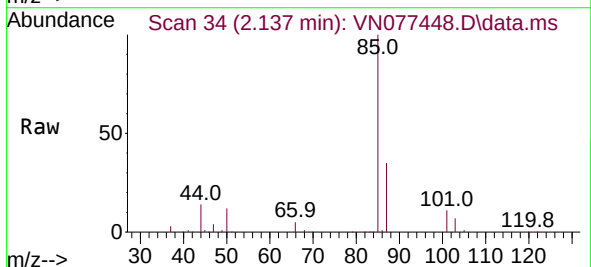
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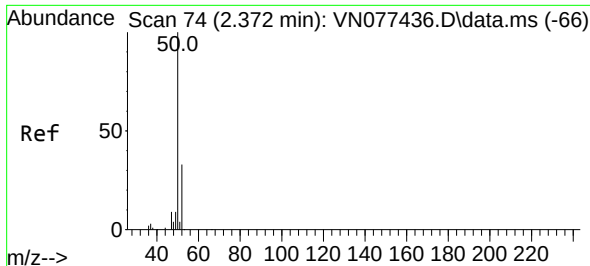
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#2
Dichlorodifluoromethane
Concen: 18.584 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

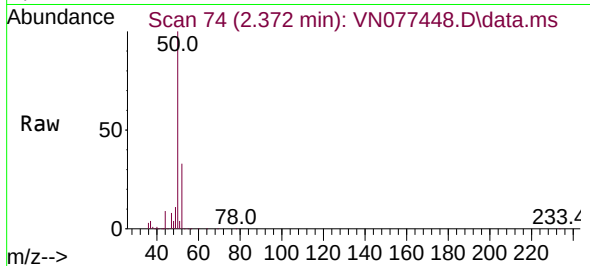
Tgt Ion: 85 Resp: 125302
Ion Ratio Lower Upper
85 100
87 34.9 15.8 47.4





#3
Chloromethane
Concen: 18.217 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

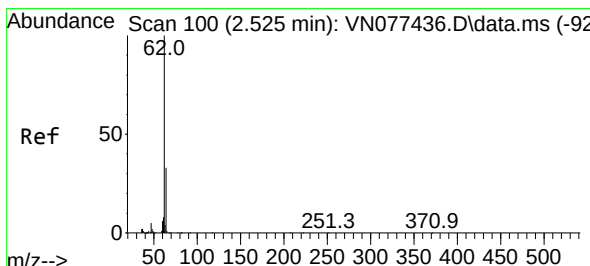
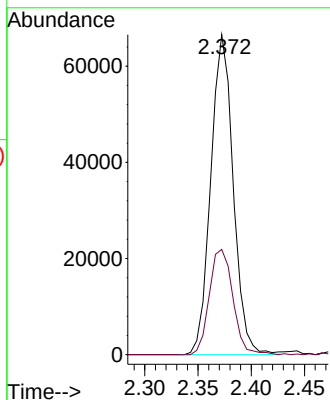
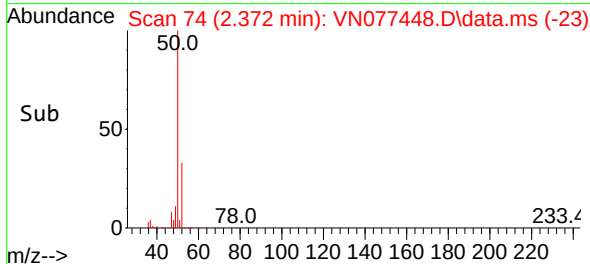
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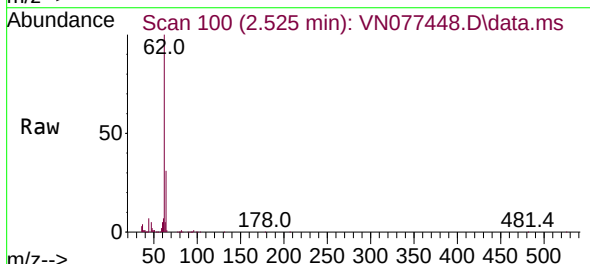
Tgt Ion: 50 Resp: 9747
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

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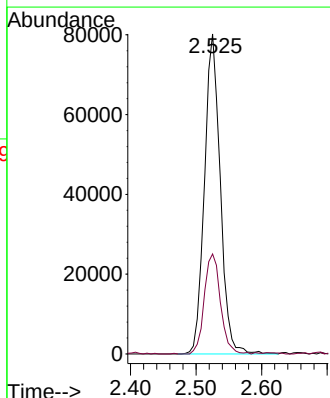
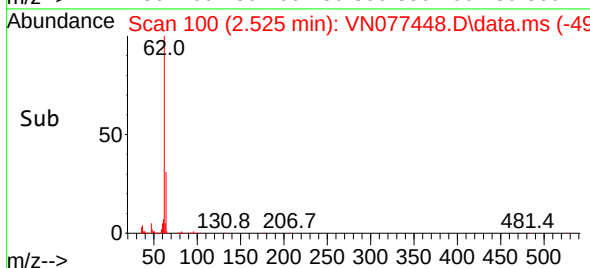
Reviewed By :John Carlone 04/25/2023
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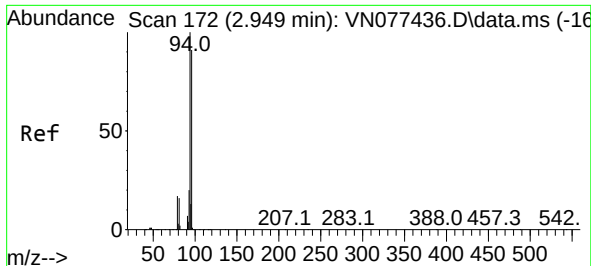


#4
Vinyl Chloride
Concen: 18.881 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



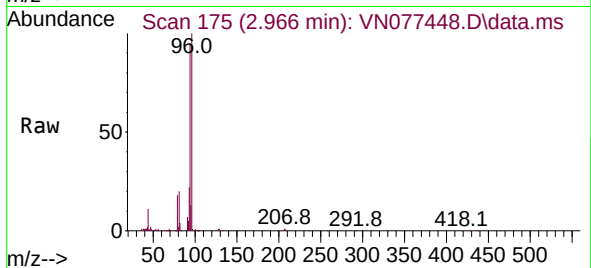
Tgt Ion: 62 Resp: 134580
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2





#5
Bromomethane
Concen: 18.283 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

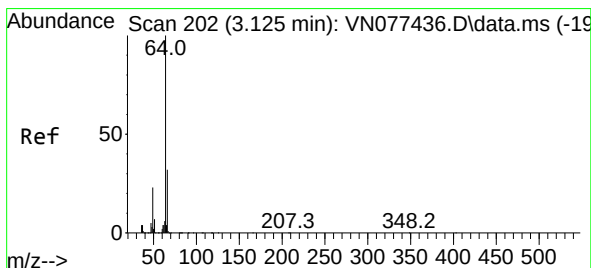
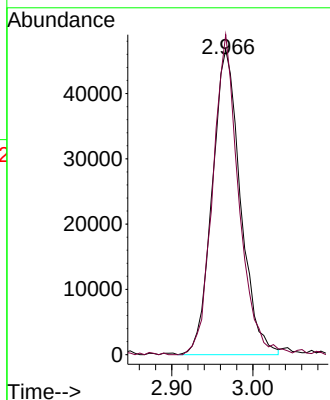
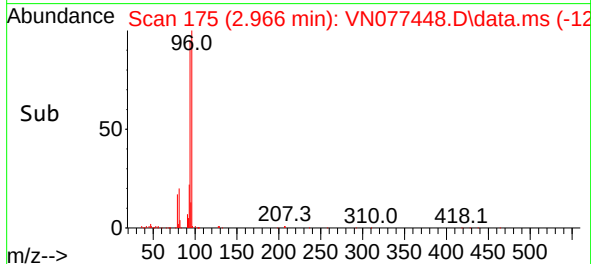
Instrument :
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Tgt Ion: 94 Resp: 11288
Ion Ratio Lower Upper
94 100
96 104.9 73.1 109.7

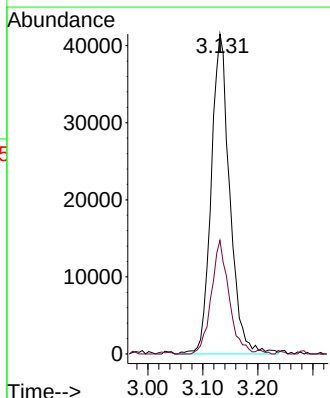
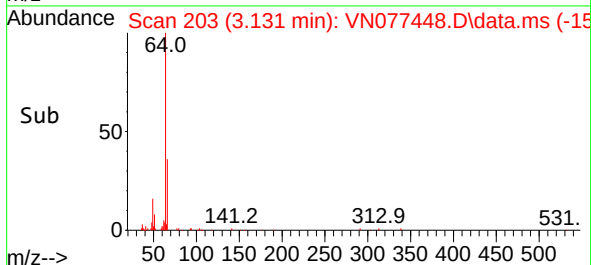
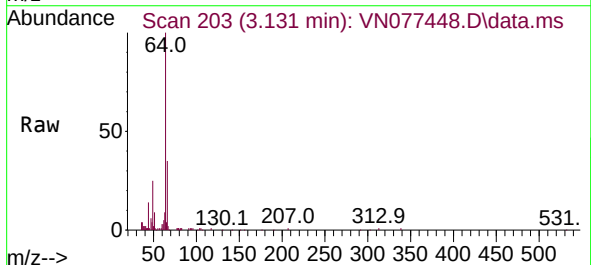
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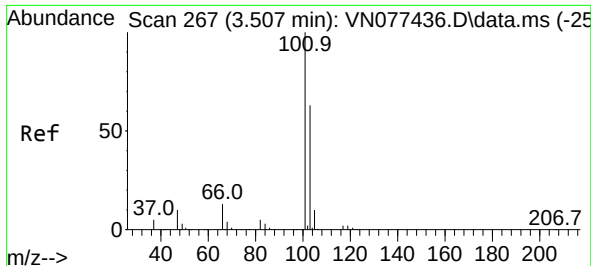
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#6
Chloroethane
Concen: 18.006 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion: 64 Resp: 97508
Ion Ratio Lower Upper
64 100
66 35.6 25.4 38.2





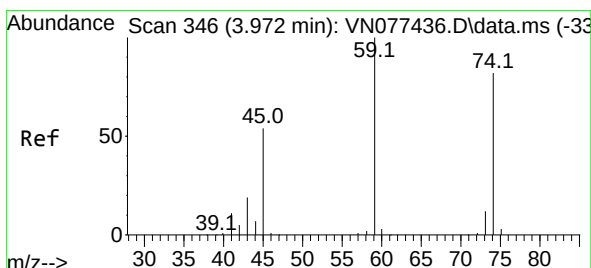
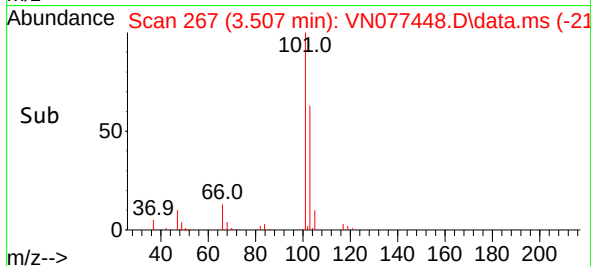
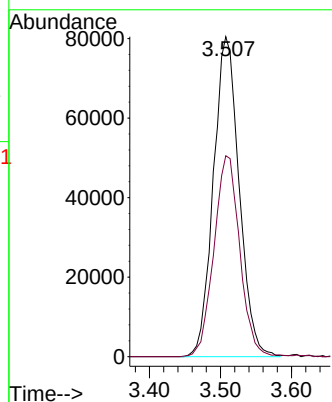
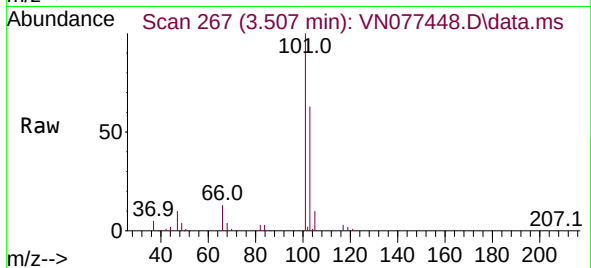
#7
Trichlorofluoromethane
Concen: 19.299 ug/l
RT: 3.507 min Scan# 202180
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion:101 Resp: 202180
Ion Ratio Lower Upper
101 100
103 62.8 50.7 76.1

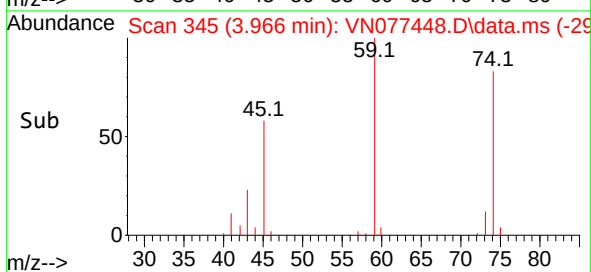
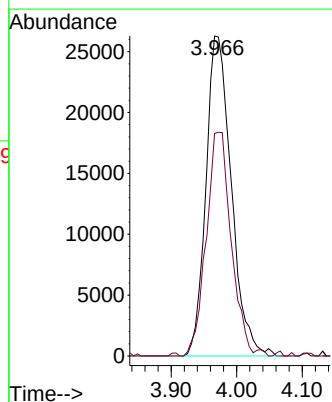
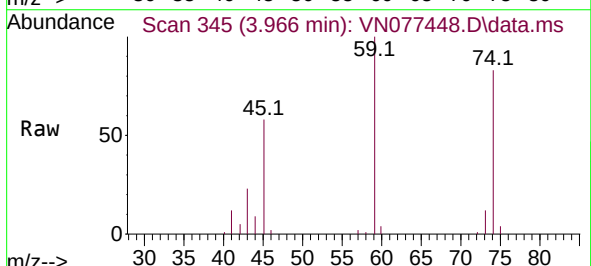
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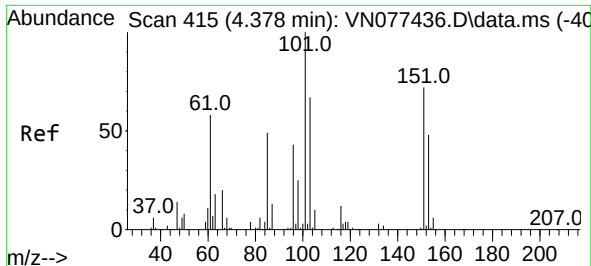
Reviewed By :John Carlone 04/25/2023
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#8
Diethyl Ether
Concen: 18.550 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 70621
Ion Ratio Lower Upper
74 100
45 69.2 34.4 103.3





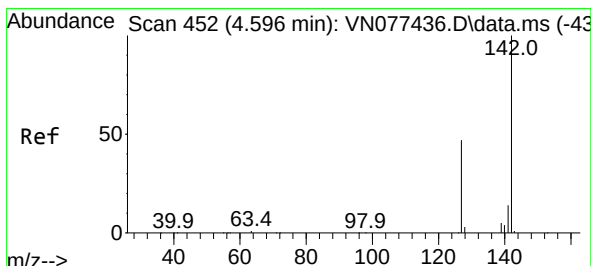
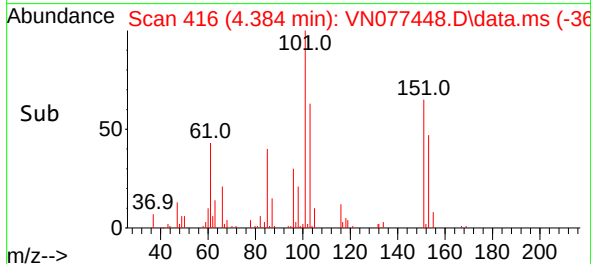
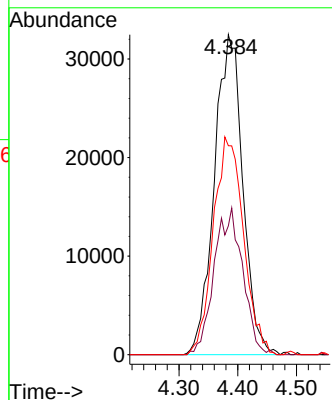
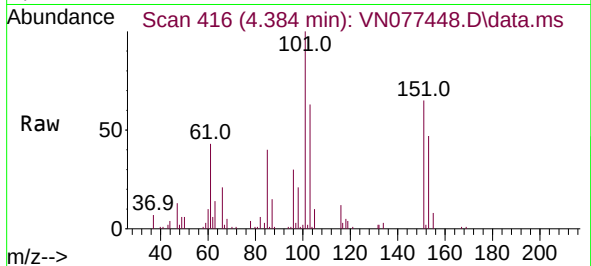
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.948 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion:101 Resp: 10935
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 72.0 57.6 86.4

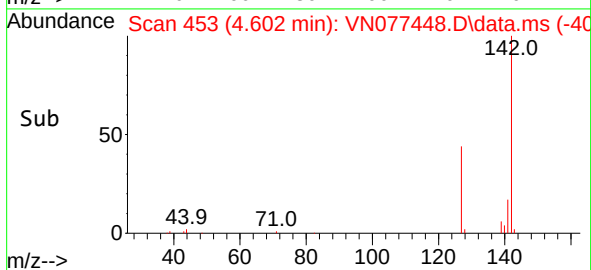
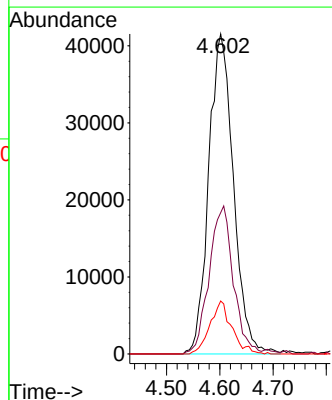
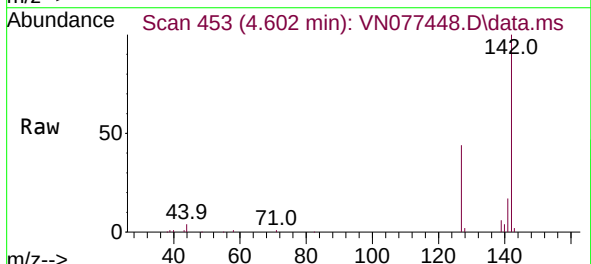
Manual Integrations
APPROVED

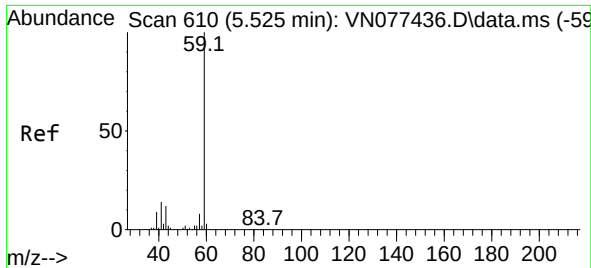
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#10
Methyl Iodide
Concen: 17.910 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion:142 Resp: 134066
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 16.5 11.4 17.0





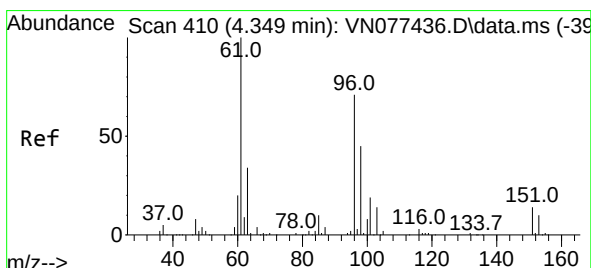
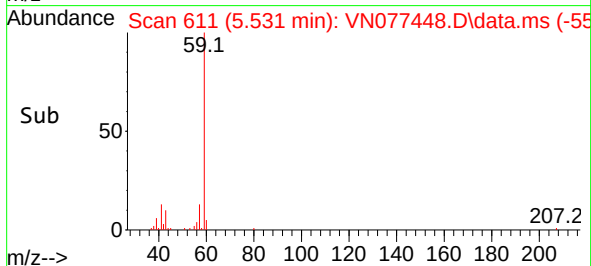
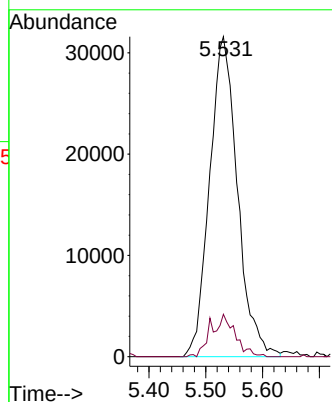
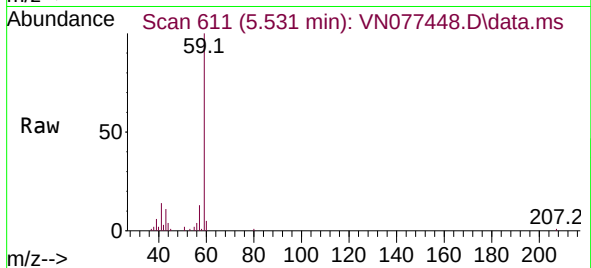
#11
Tert butyl alcohol
Concen: 96.252 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion: 59 Resp: 10762
Ion Ratio Lower Upper
59 100
57 7.5 8.2 12.4

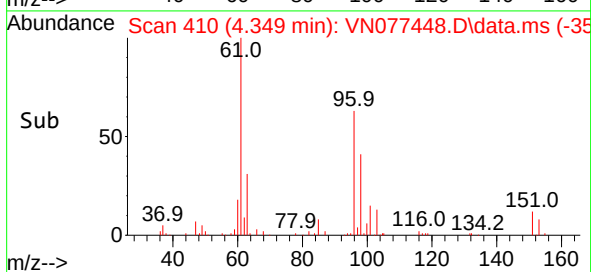
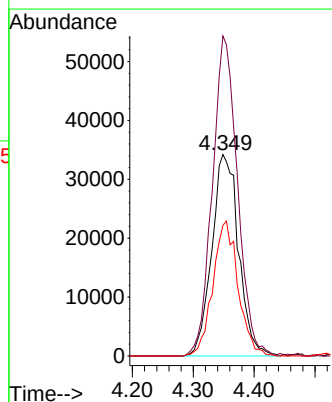
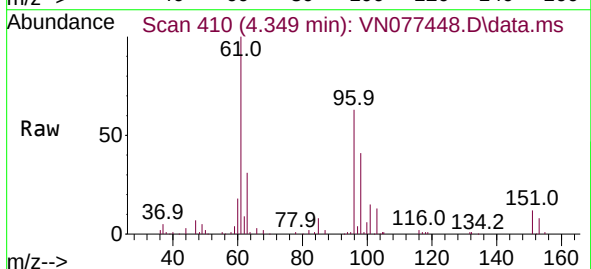
Manual Integrations
APPROVED

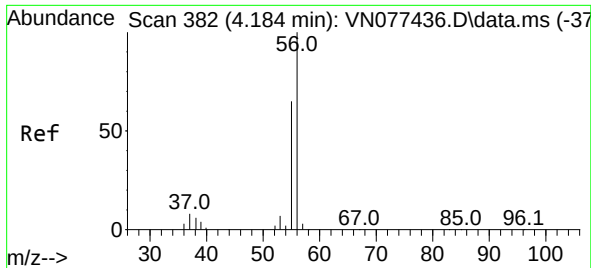
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#12
1,1-Dichloroethene
Concen: 17.516 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion: 96 Resp: 104338
Ion Ratio Lower Upper
96 100
61 158.8 112.7 169.1
98 64.8 51.2 76.8





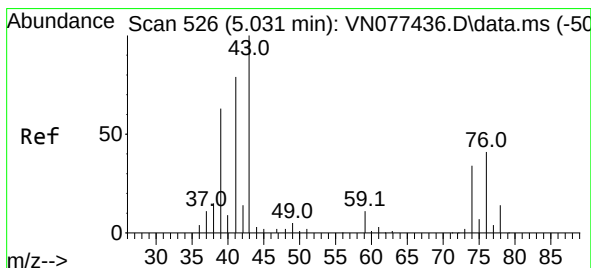
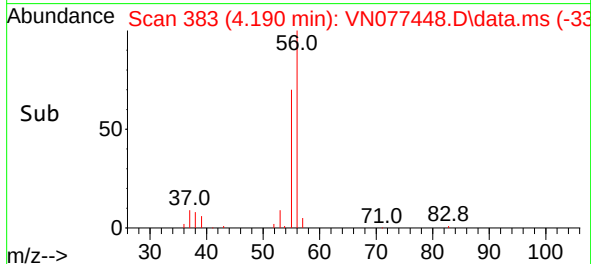
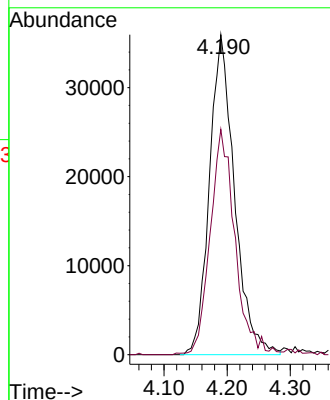
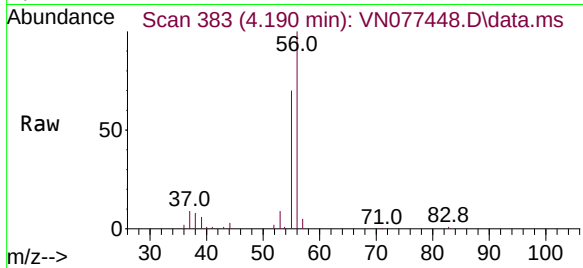
#13
Acrolein
Concen: 88.896 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion: 56 Resp: 98884
Ion Ratio Lower Upper
56 100
55 69.1 54.5 81.7

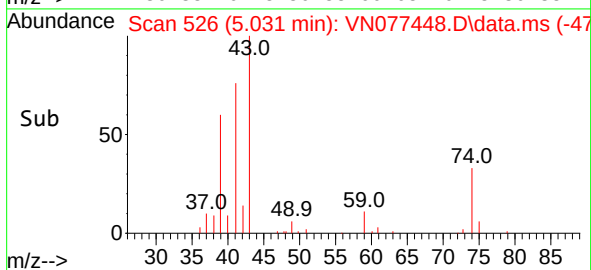
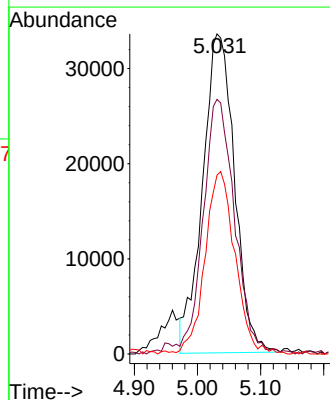
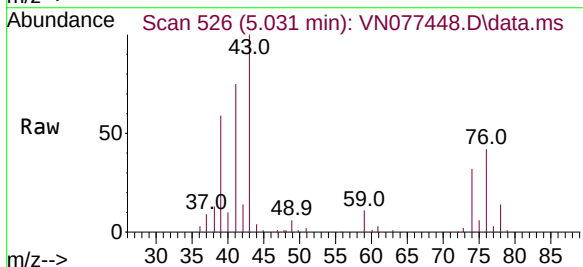
Manual Integrations
APPROVED

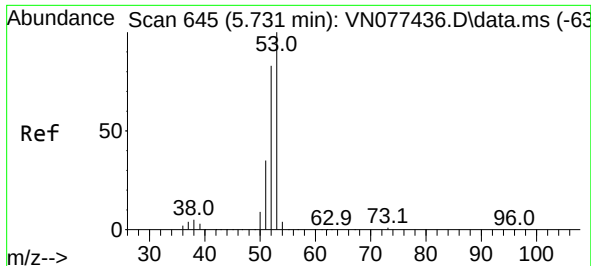
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#14
Allyl chloride
Concen: 17.738 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

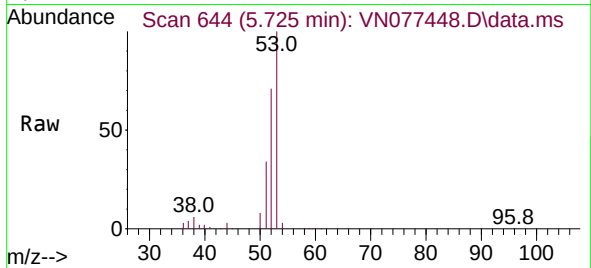
Tgt Ion: 41 Resp: 117476
Ion Ratio Lower Upper
41 100
39 79.4 58.8 88.2
76 53.9 39.1 58.7





#15
Acrylonitrile
Concen: 98.027 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

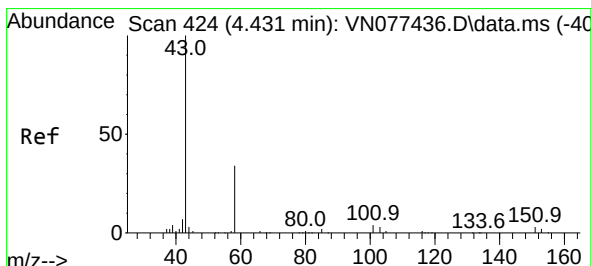
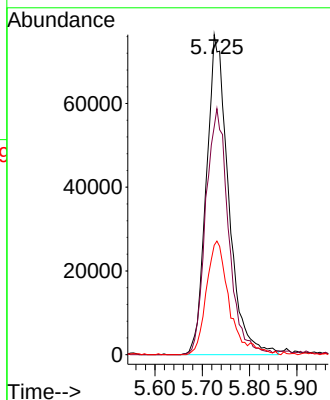
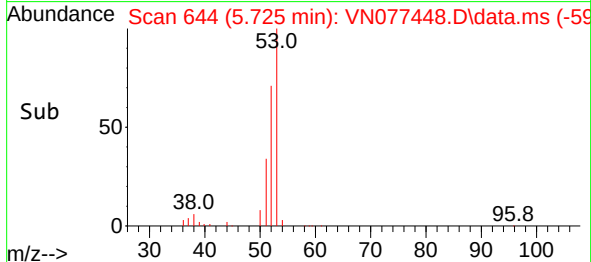
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



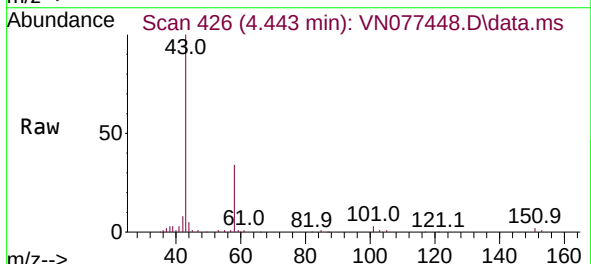
Tgt Ion: 53 Resp: 248660
Ion Ratio Lower Upper
53 100
52 78.9 65.3 97.9
51 36.9 28.9 43.3

Manual Integrations
APPROVED

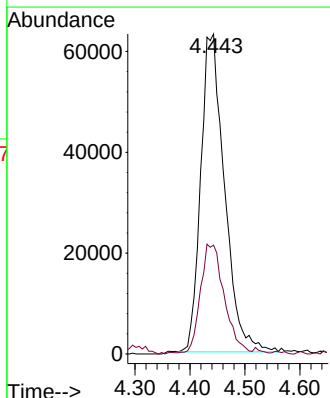
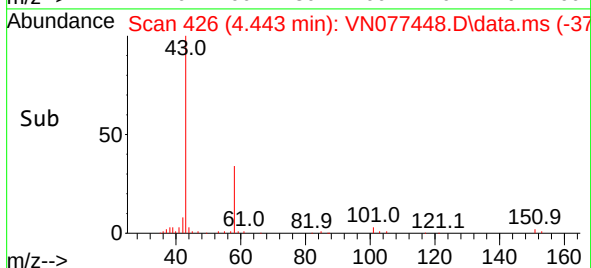
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

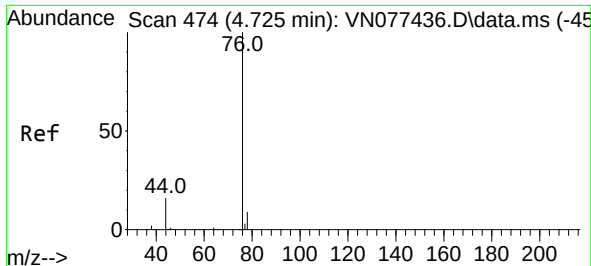


#16
Acetone
Concen: 85.771 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



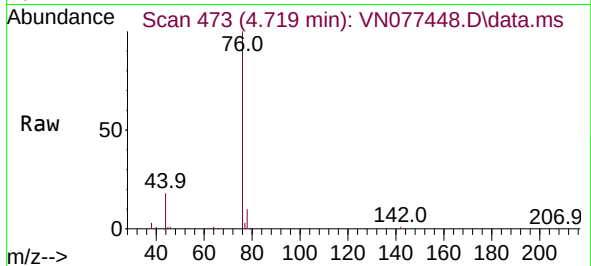
Tgt Ion: 43 Resp: 190066
Ion Ratio Lower Upper
43 100
58 33.9 28.0 42.0





#17
Carbon Disulfide
Concen: 17.410 ug/l
RT: 4.719 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

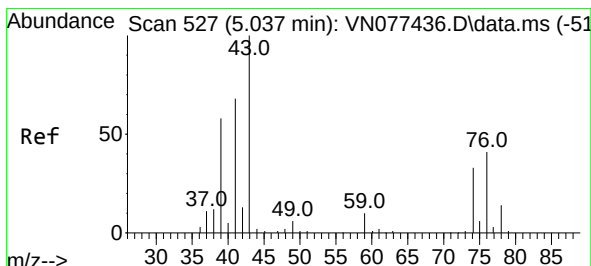
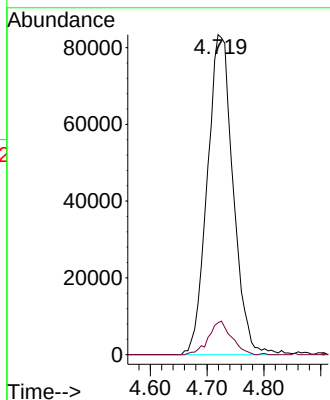
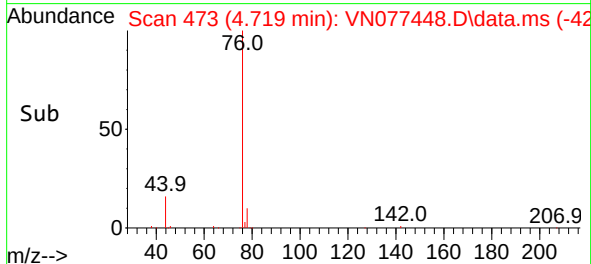
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 76 Resp: 26352
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

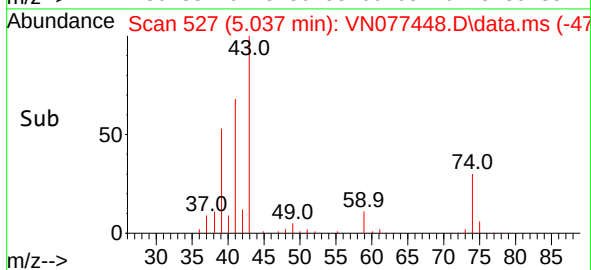
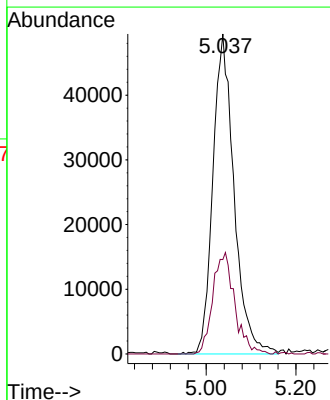
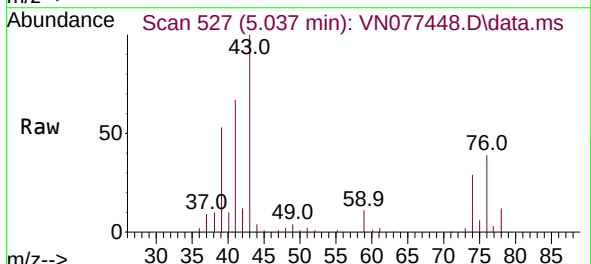
Manual Integrations
APPROVED

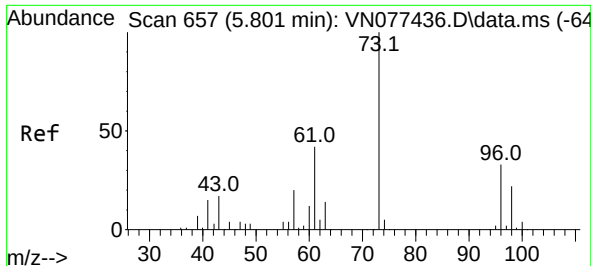
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#18
Methyl Acetate
Concen: 18.918 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion: 43 Resp: 161891
Ion Ratio Lower Upper
43 100
74 32.7 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 18.600 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 73 Resp: 36846

Ion Ratio Lower Upper

73 100

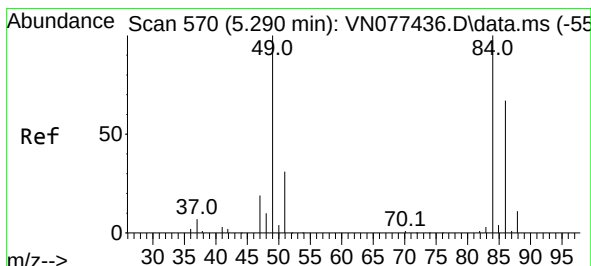
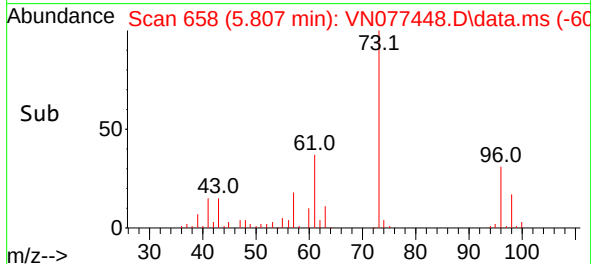
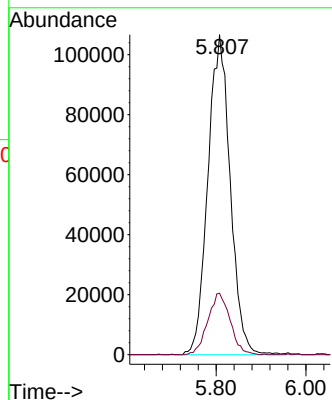
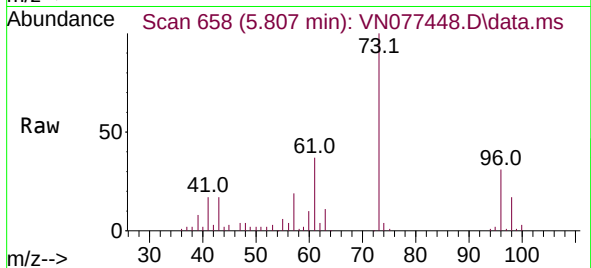
57 19.2 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#20

Methylene Chloride

Concen: 18.159 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Tgt Ion: 84 Resp: 127611

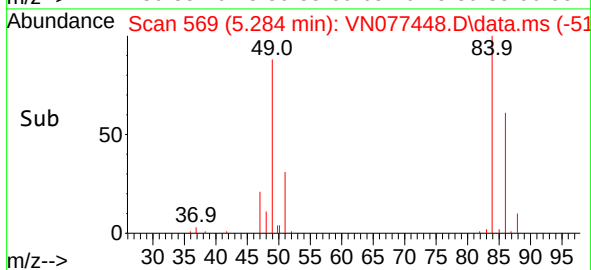
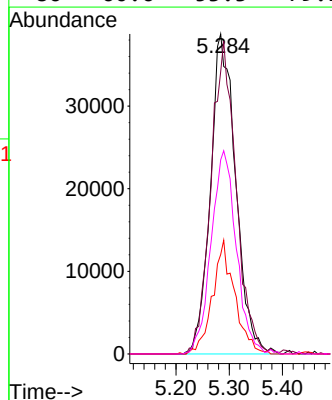
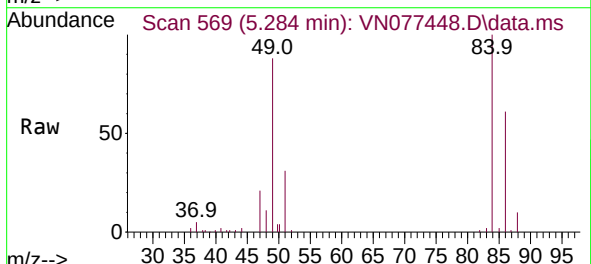
Ion Ratio Lower Upper

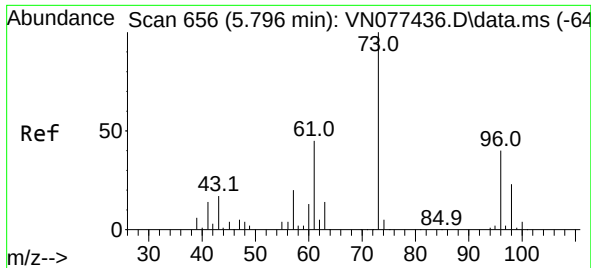
84 100

49 88.2 79.7 119.5

51 31.0 25.2 37.8

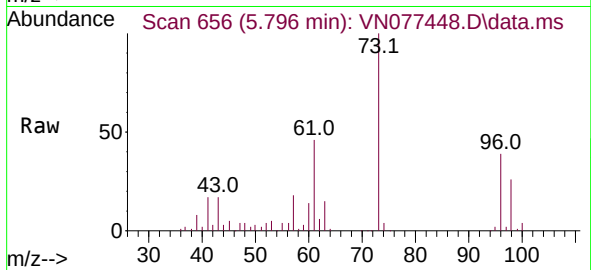
86 60.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.872 ug/l
RT: 5.796 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

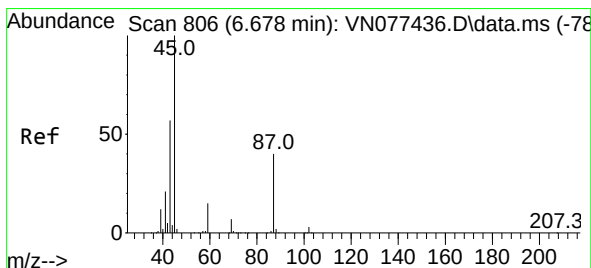
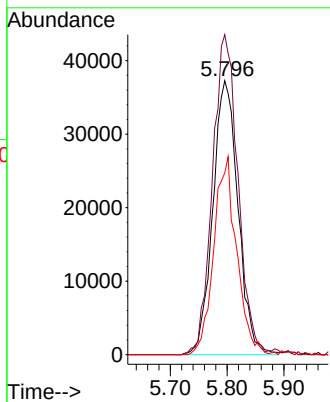
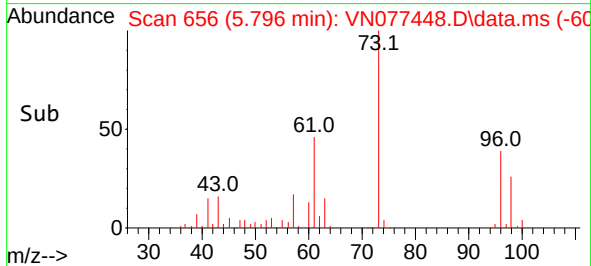
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



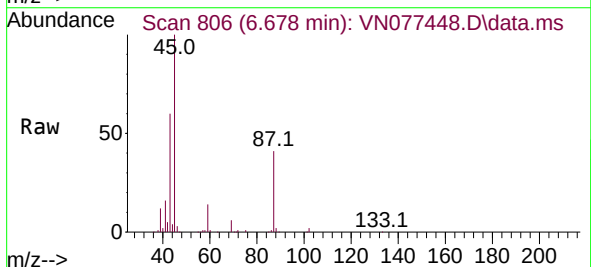
Tgt Ion: 96 Resp: 115120
Ion Ratio Lower Upper
96 100
61 116.8 90.1 135.1
98 66.4 46.4 69.6

Manual Integrations
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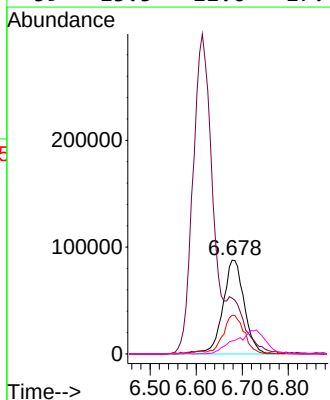
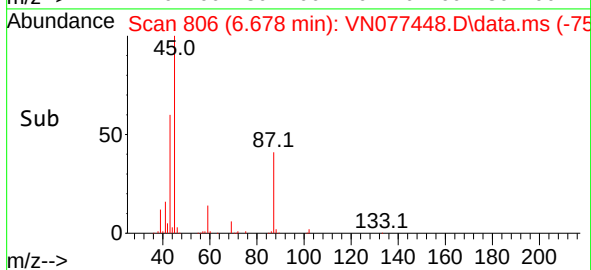
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

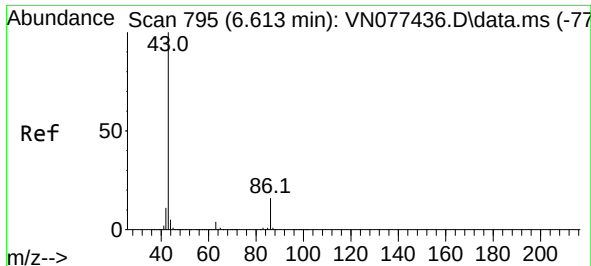


#22
Diisopropyl ether
Concen: 18.577 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



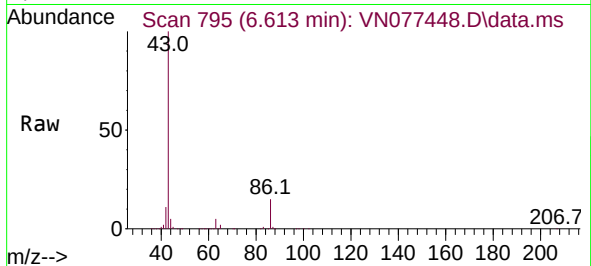
Tgt Ion: 45 Resp: 282373
Ion Ratio Lower Upper
45 100
43 58.4 45.5 68.3
87 41.0 31.8 47.8
59 13.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 93.585 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077448.D
 Acq: 25 Apr 2023 05:16

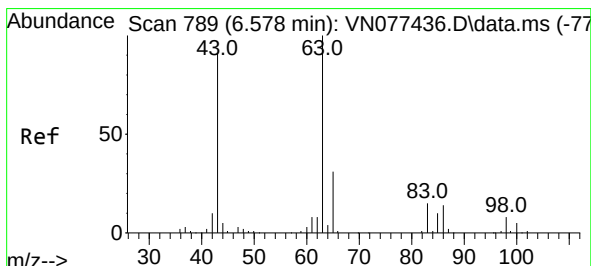
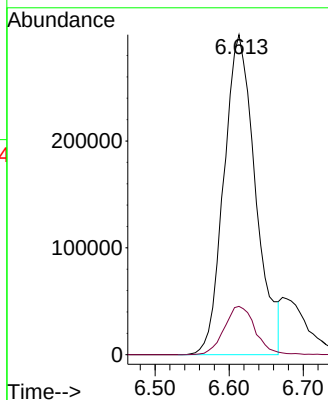
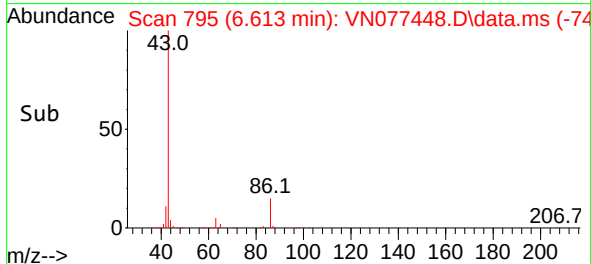
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01



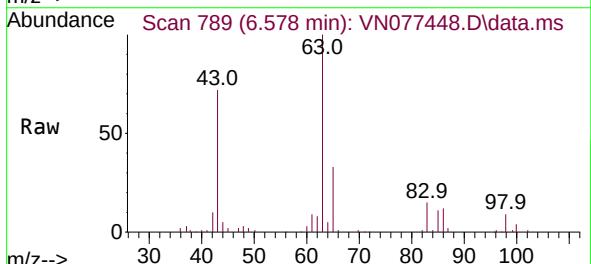
Tgt Ion: 43 Resp: 888360
 Ion Ratio Lower Upper
 43 100
 86 15.1 13.0 19.6

Manual Integrations
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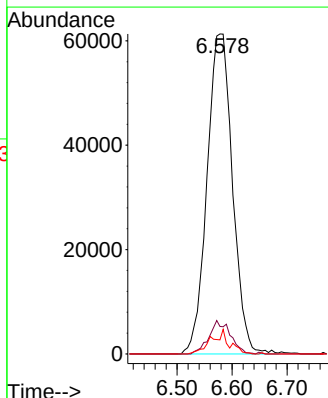
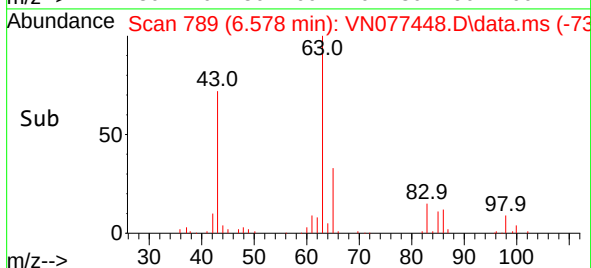
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

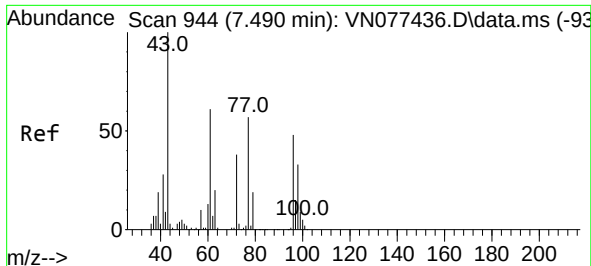


#24
 1,1-Dichloroethane
 Concen: 18.372 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077448.D
 Acq: 25 Apr 2023 05:16



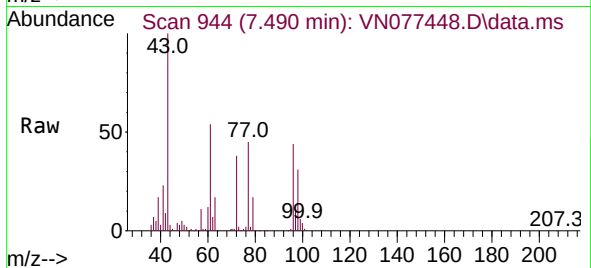
Tgt Ion: 63 Resp: 197667
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 93.910 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

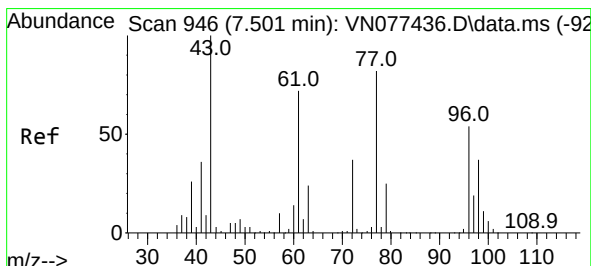
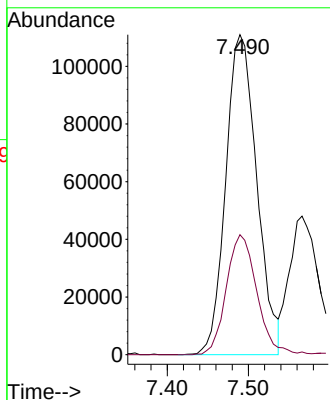
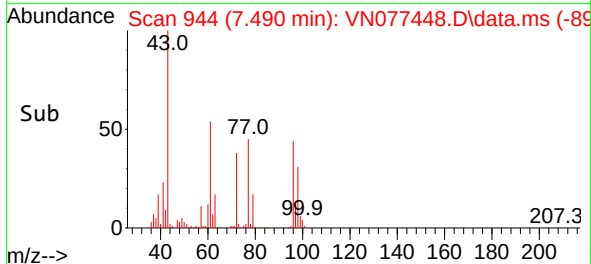
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 43 Resp: 295150
Ion Ratio Lower Upper
43 100
72 37.5 30.2 45.2

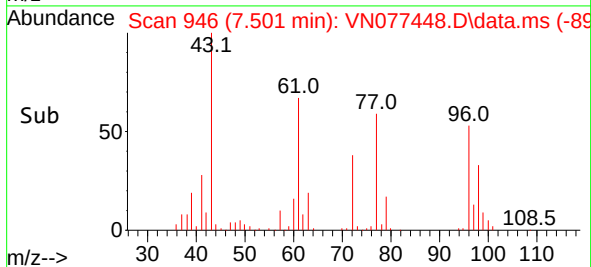
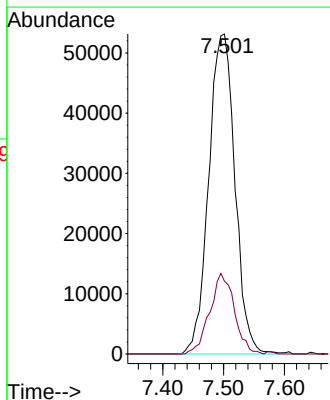
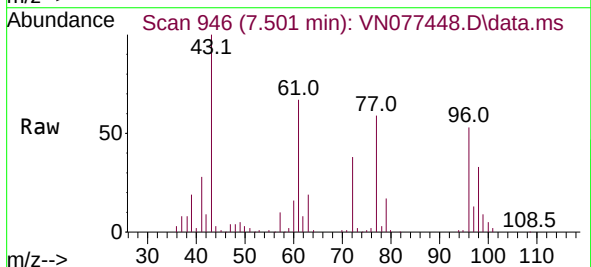
Manual Integrations
APPROVED

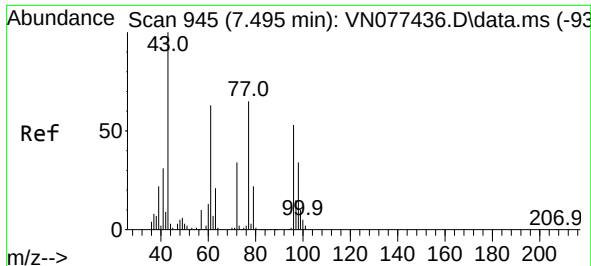
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#26
2,2-Dichloropropane
Concen: 15.237 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

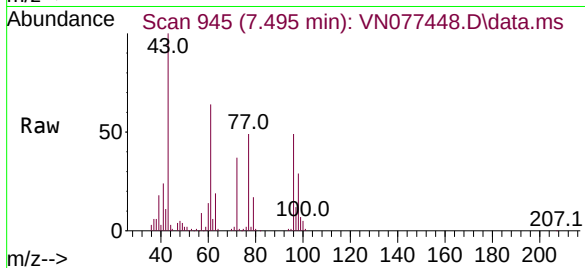
Tgt Ion: 77 Resp: 158960
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.950 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077448.D
 Acq: 25 Apr 2023 05:16

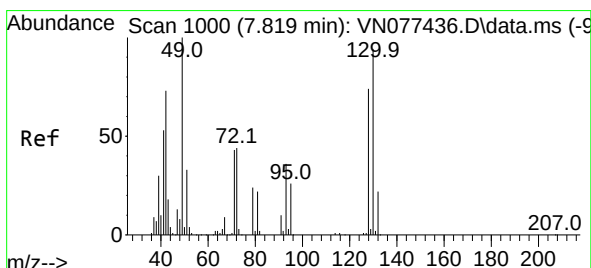
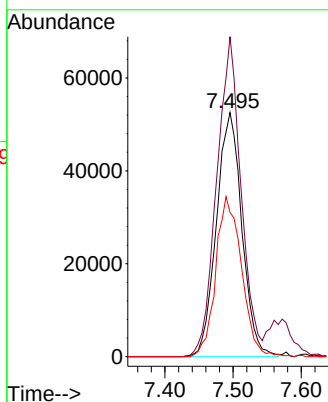
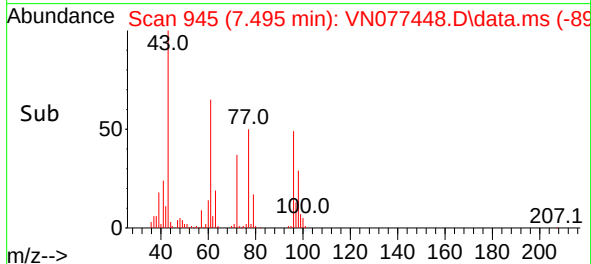
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01



Tgt Ion: 96 Resp: 13693
 Ion Ratio Lower Upper
 96 100
 61 125.0 0.0 255.2
 98 66.0 0.0 128.8

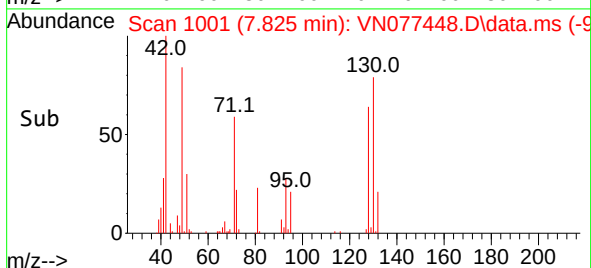
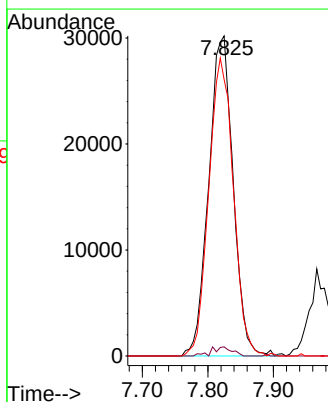
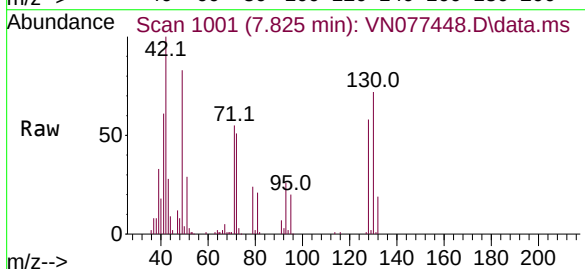
Manual Integrations
 APPROVED

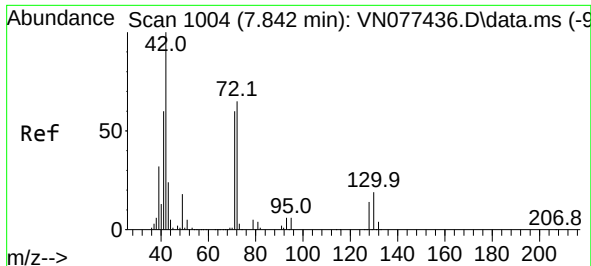
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#28
 Bromochloromethane
 Concen: 19.035 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077448.D
 Acq: 25 Apr 2023 05:16

Tgt Ion: 49 Resp: 78210
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 93.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.558 ug/l

RT: 7.843 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 42 Resp: 19802

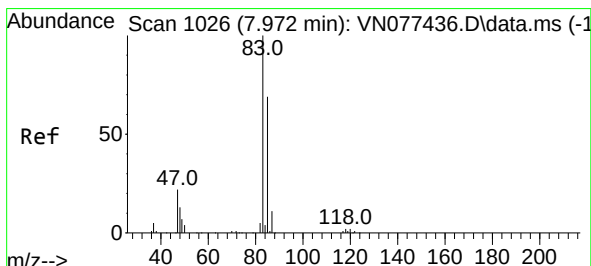
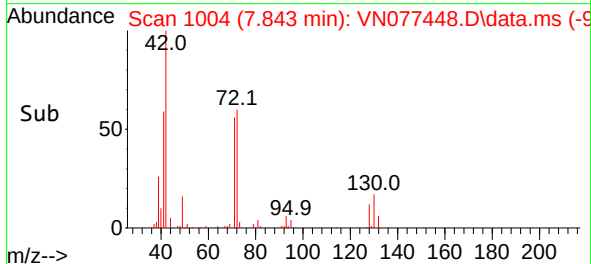
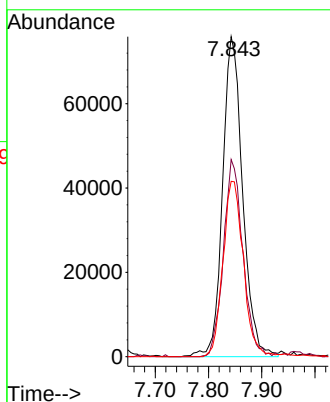
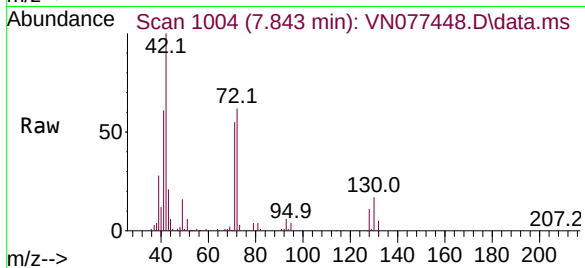
Ion	Ratio	Lower	Upper
42	100		
72	59.9	49.8	74.6
71	56.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#30

Chloroform

Concen: 18.495 ug/l

RT: 7.966 min Scan# 1025

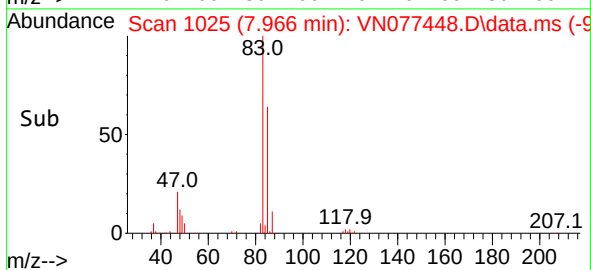
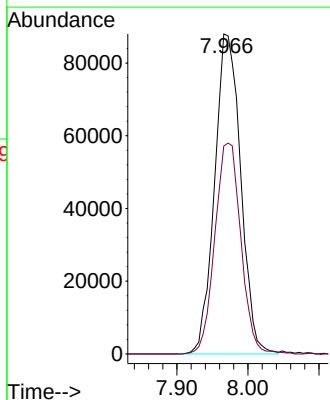
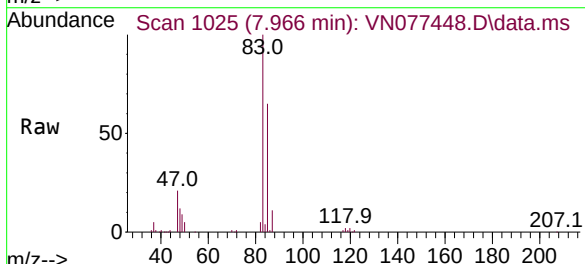
Delta R.T. -0.006 min

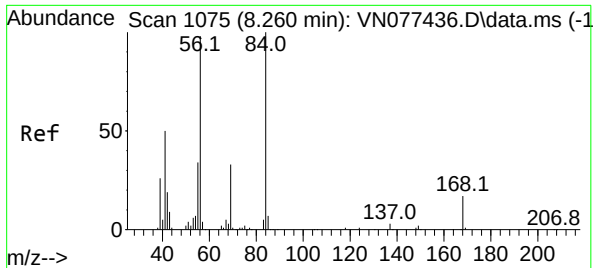
Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Tgt Ion: 83 Resp: 224266

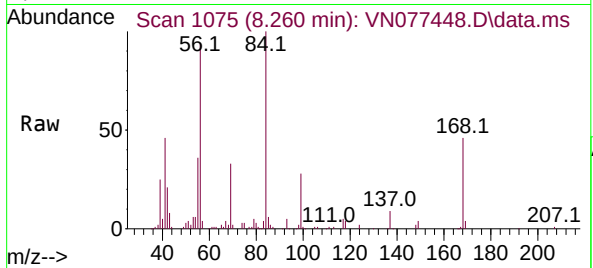
Ion	Ratio	Lower	Upper
83	100		
85	65.0	55.4	83.0





#31
Cyclohexane
Concen: 17.794 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

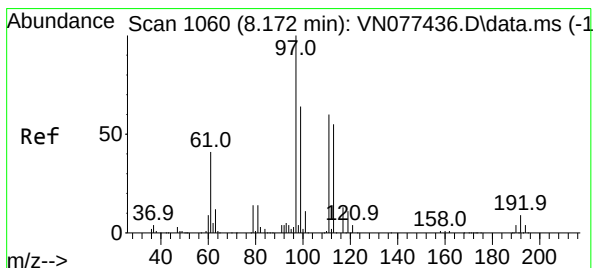
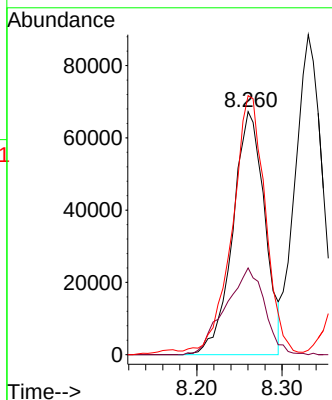
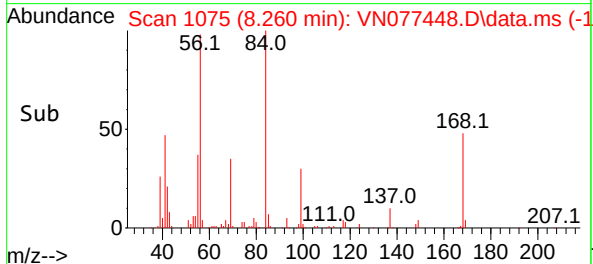
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



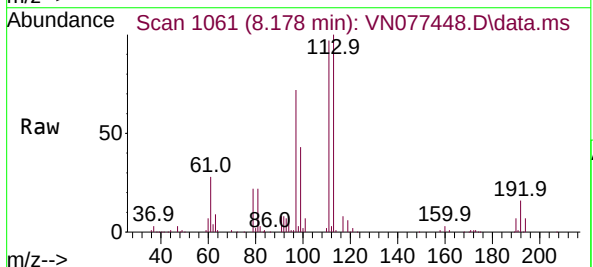
Tgt Ion: 56 Resp: 17557
Ion Ratio Lower Upper
56 100
69 35.7 26.8 40.2
84 105.0 81.8 122.6

Manual Integrations
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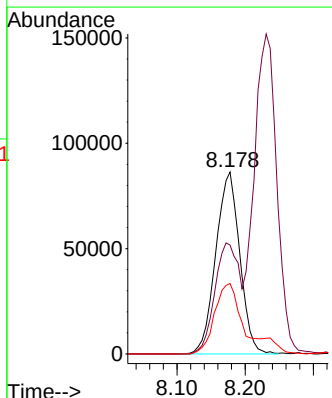
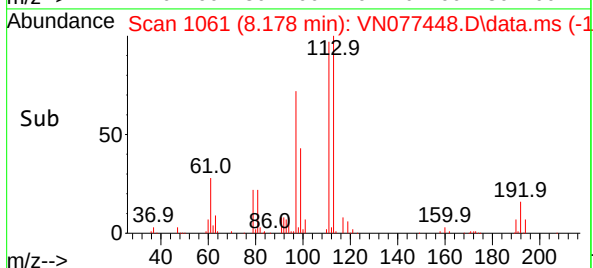
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

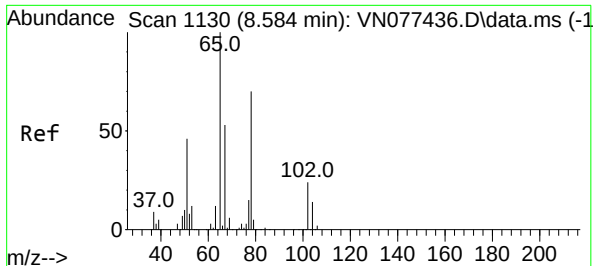


#32
1,1,1-Trichloroethane
Concen: 18.983 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



Tgt Ion: 97 Resp: 211621
Ion Ratio Lower Upper
97 100
99 62.1 50.3 75.5
61 42.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.949 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 65 Resp: 354874

Ion Ratio Lower Upper

65 100

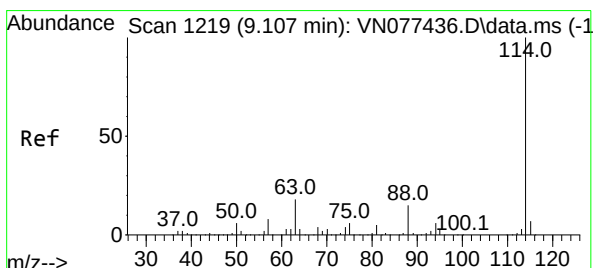
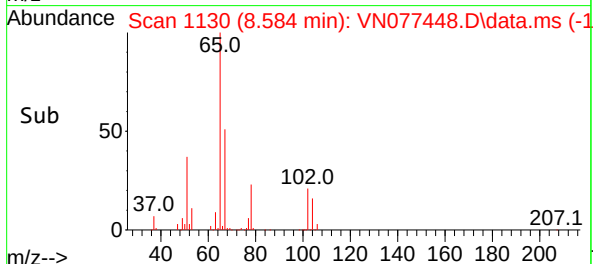
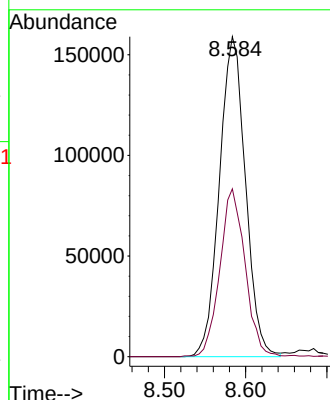
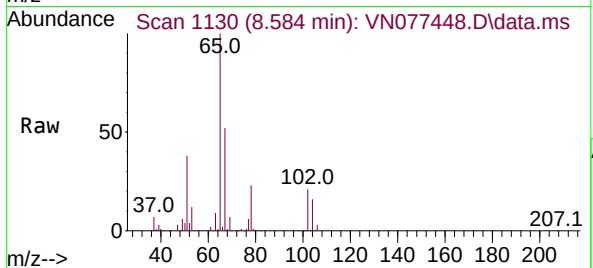
67 50.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

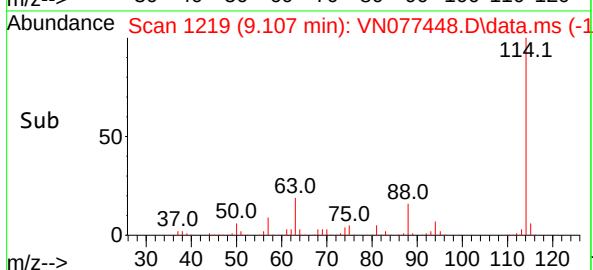
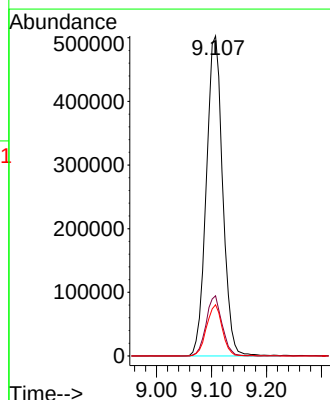
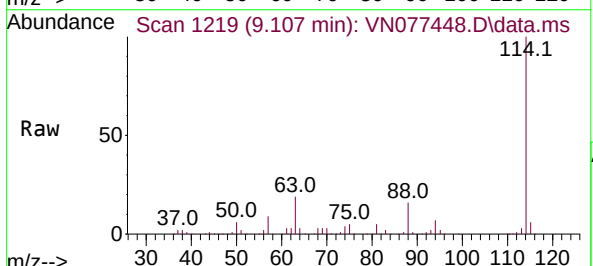
Tgt Ion:114 Resp: 1037245

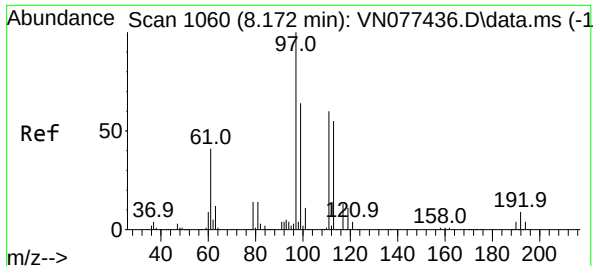
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

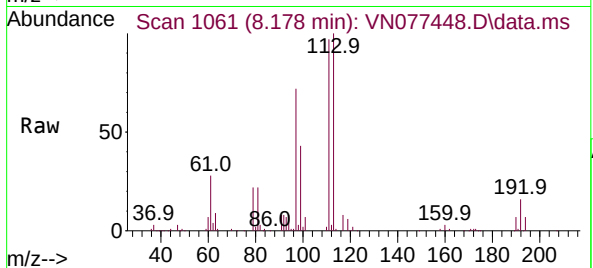
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.425 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

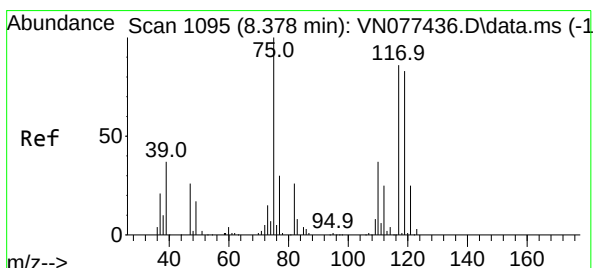
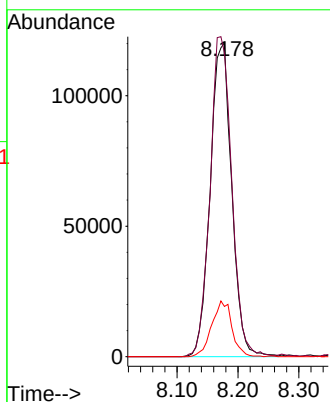
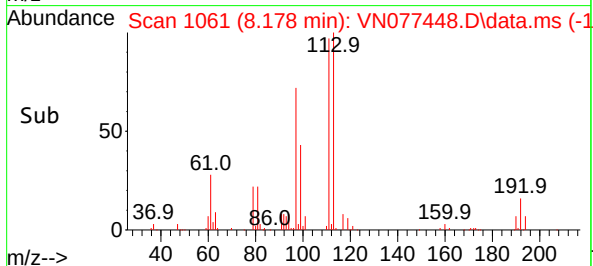
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



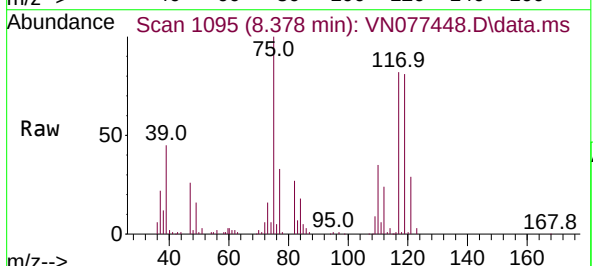
Tgt Ion: 113 Resp: 295662
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.7 12.7 19.1

Manual Integrations
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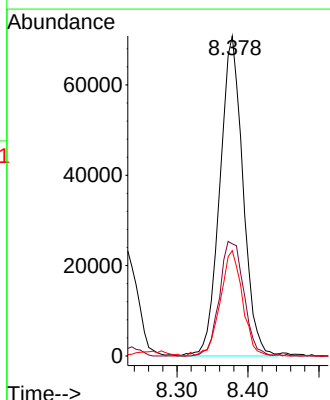
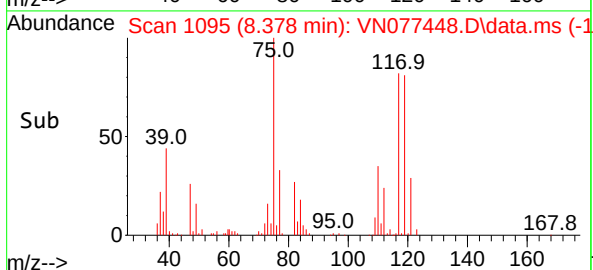
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

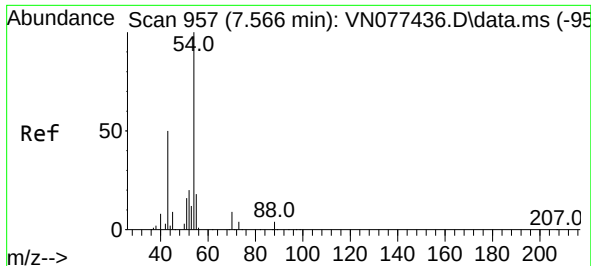


#36
1,1-Dichloropropene
Concen: 17.721 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



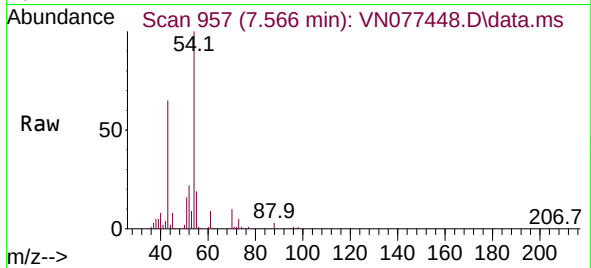
Tgt Ion: 75 Resp: 159609
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.3
77 31.9 25.0 37.4





#37
Ethyl Acetate
Concen: 17.923 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

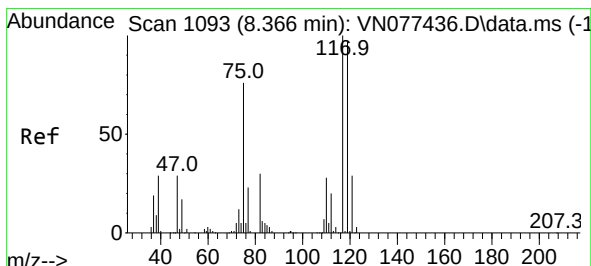
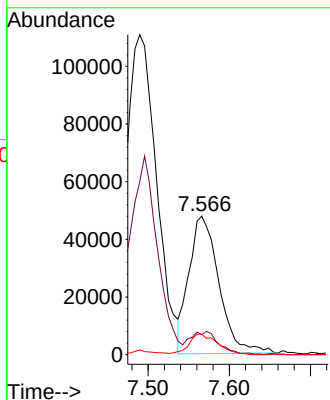
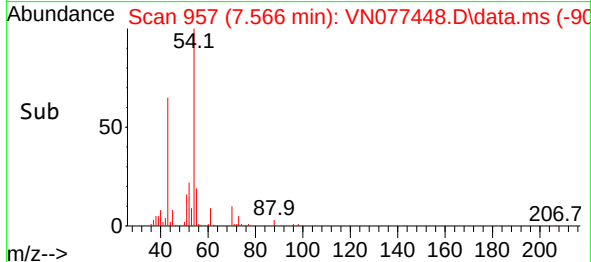
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 43 Resp: 122664
Ion Ratio Lower Upper
43 100
61 16.3 13.2 19.8
70 14.3 11.3 16.9

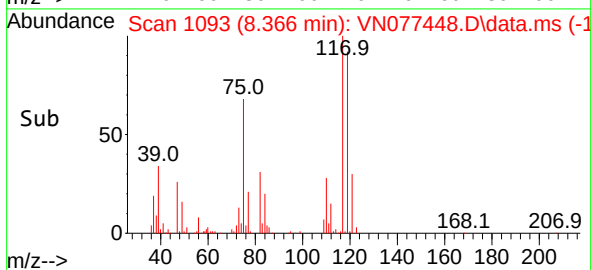
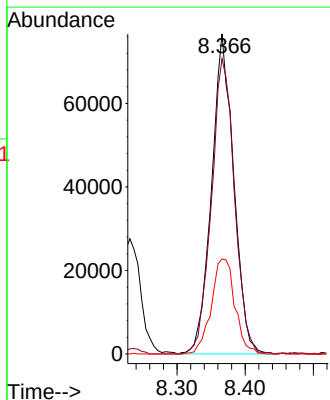
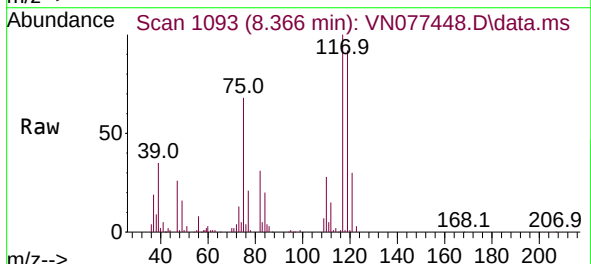
Manual Integrations
APPROVED

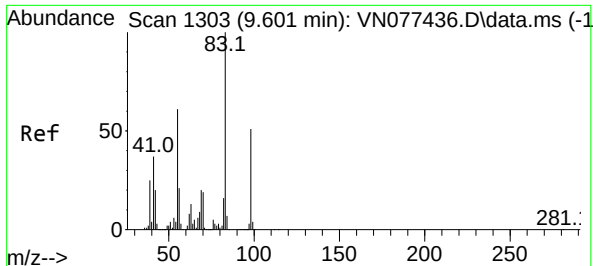
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#38
Carbon Tetrachloride
Concen: 17.479 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion:117 Resp: 173692
Ion Ratio Lower Upper
117 100
119 92.3 77.3 115.9
121 29.7 23.3 34.9





#39

Methylcyclohexane

Concen: 17.230 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077448.D

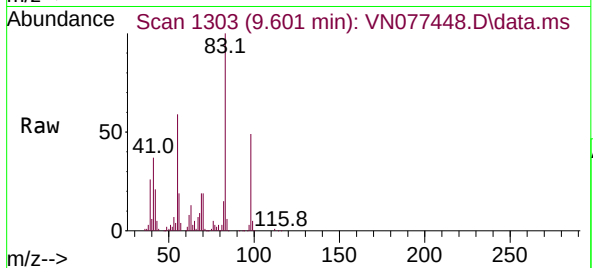
Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01



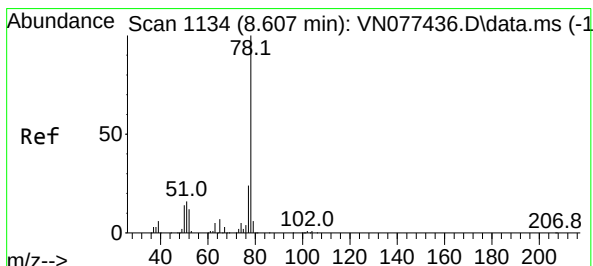
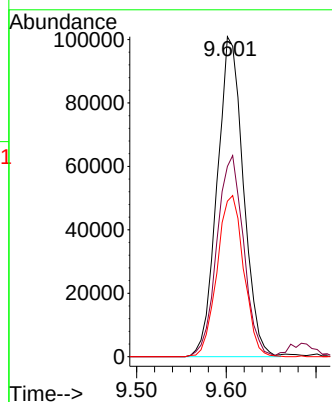
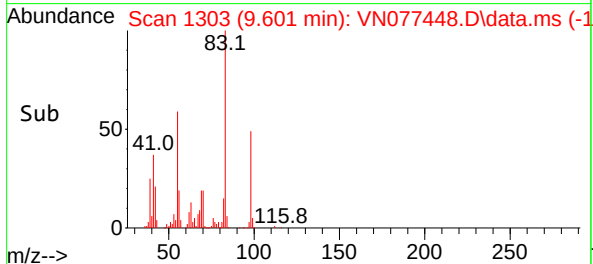
Tgt Ion: 83	Resp: 204464
Ion Ratio	Lower Upper
83	100
55	59.4 49.1 73.7
98	48.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#40

Benzene

Concen: 17.797 ug/l

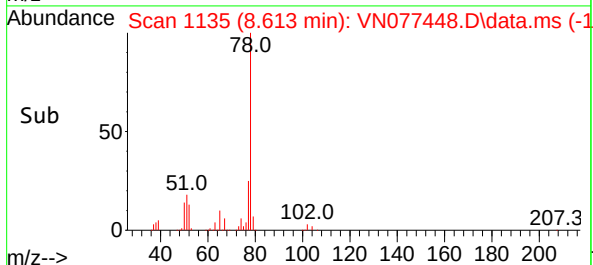
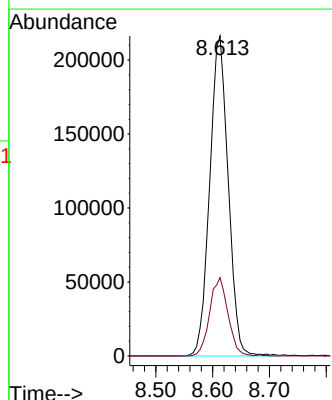
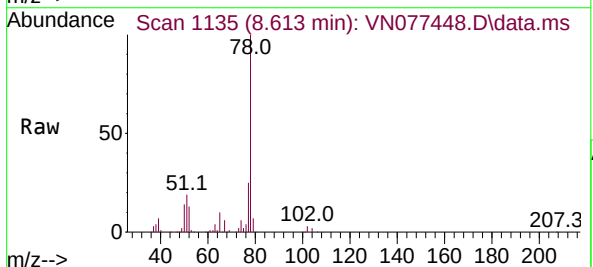
RT: 8.613 min Scan# 1135

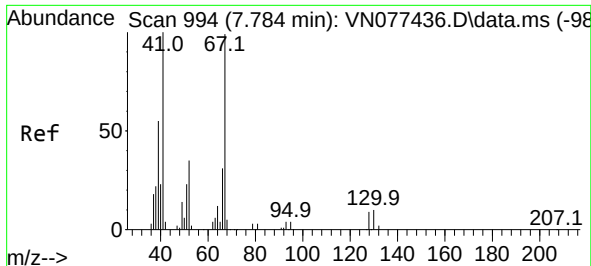
Delta R.T. 0.006 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

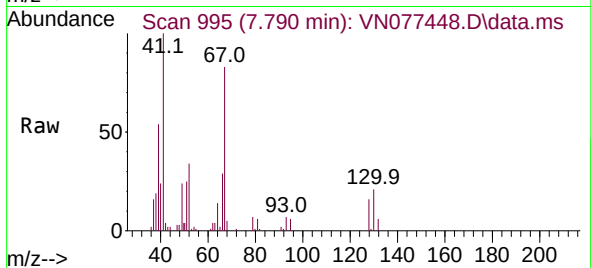
Tgt Ion: 78	Resp: 488315
Ion Ratio	Lower Upper
78	100
77	24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 18.258 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

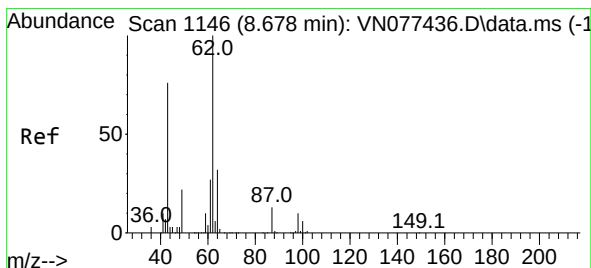
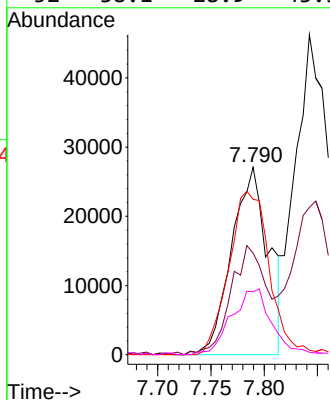
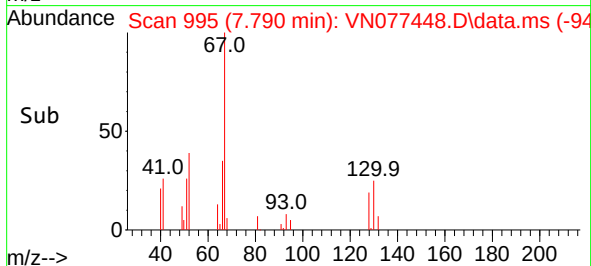
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 41 Resp: 65084
Ion Ratio Lower Upper
41 100
39 54.5 42.6 64.0
67 95.6 77.5 116.3
52 38.1 28.9 43.3

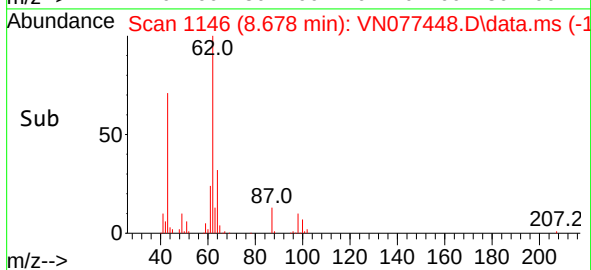
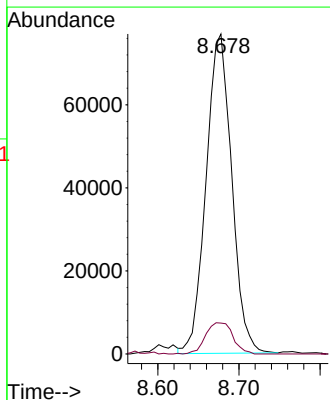
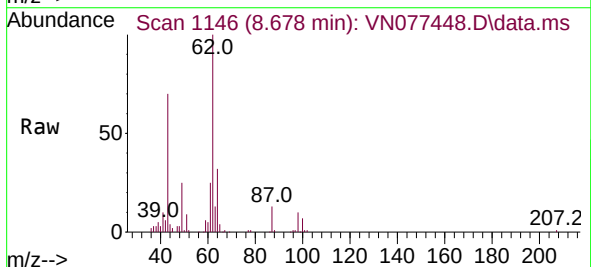
Manual Integrations
APPROVED

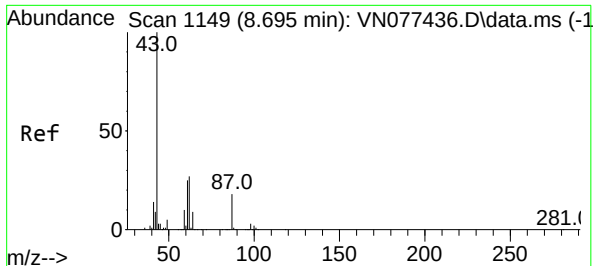
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#42
1,2-Dichloroethane
Concen: 17.924 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion: 62 Resp: 168913
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.264 ug/l

RT: 8.690 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077448.D

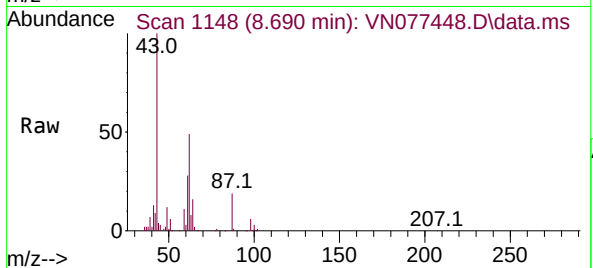
Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01



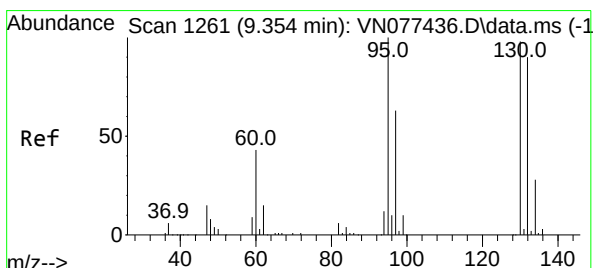
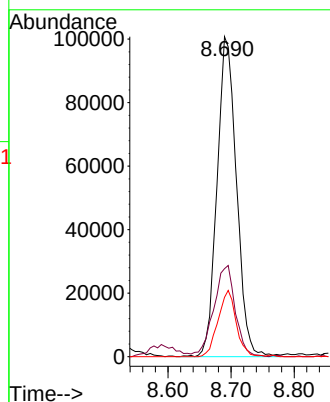
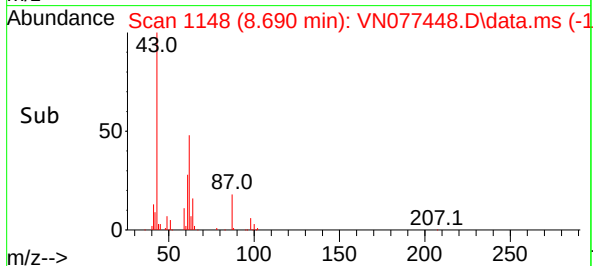
Tgt Ion:	43	Resp:	216254
Ion Ratio	100	Lower	Upper
43	100		
61	31.5	24.7	37.1
87	19.3	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#44

Trichloroethene

Concen: 18.122 ug/l

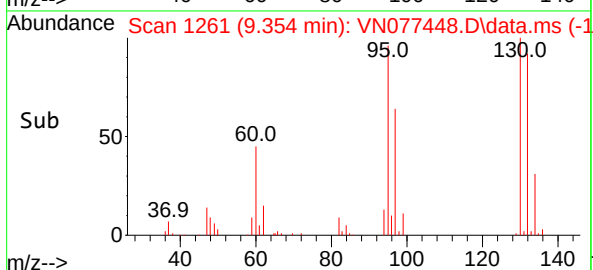
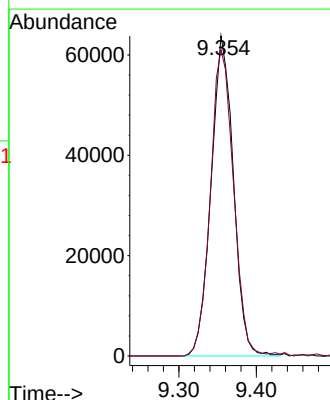
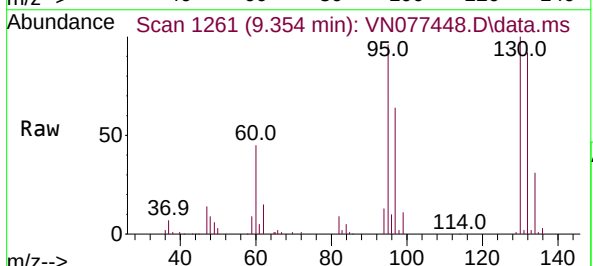
RT: 9.354 min Scan# 1261

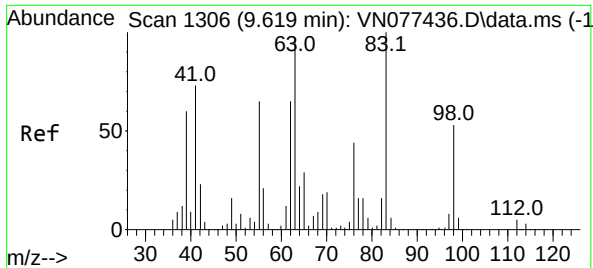
Delta R.T. 0.000 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Tgt Ion:	130	Resp:	127314
Ion Ratio	100	Lower	Upper
130	100		
95	95.7	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.108 ug/l

RT: 9.625 min Scan# 11638

Delta R.T. 0.006 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 63 Resp: 11638

Ion Ratio Lower Upper

63 100

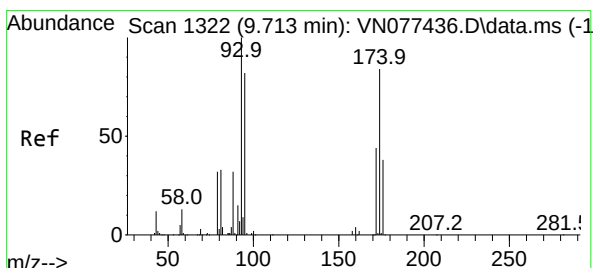
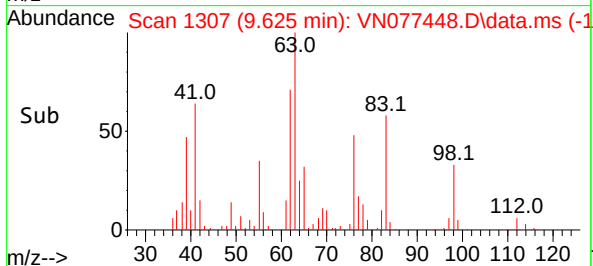
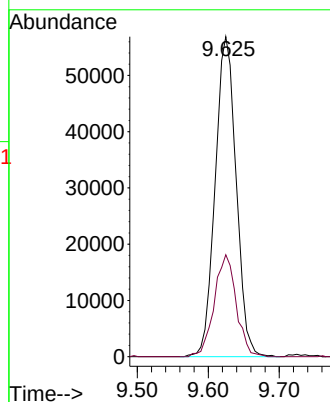
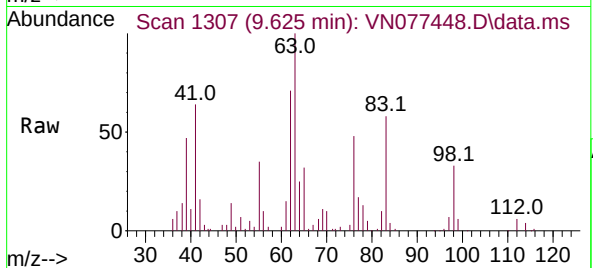
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#46

Dibromomethane

Concen: 17.812 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

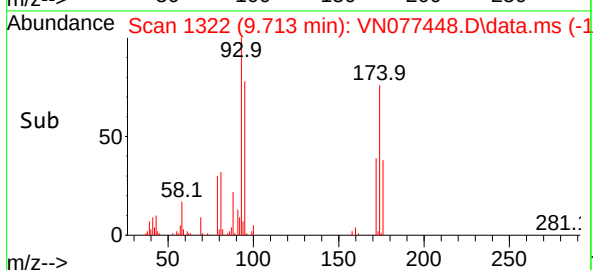
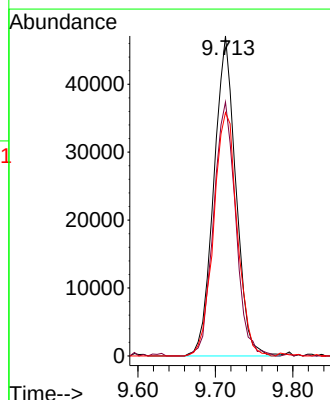
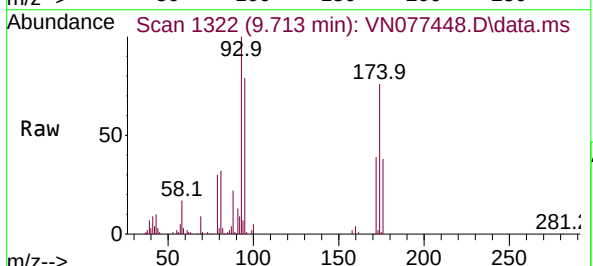
Tgt Ion: 93 Resp: 92893

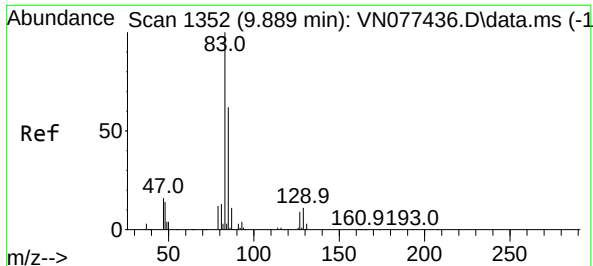
Ion Ratio Lower Upper

93 100

95 79.9 63.8 95.8

174 81.3 65.6 98.4





#47

Bromodichloromethane

Concen: 17.856 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 83 Resp: 18013

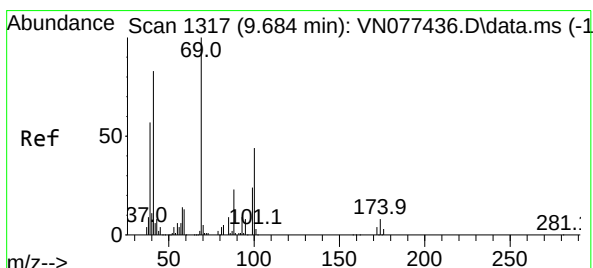
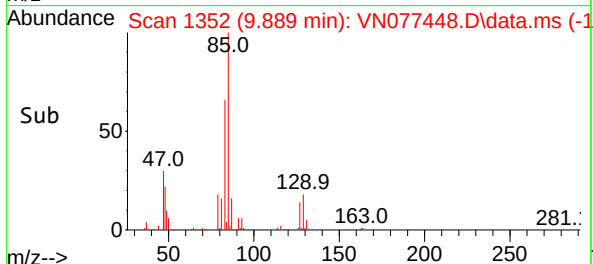
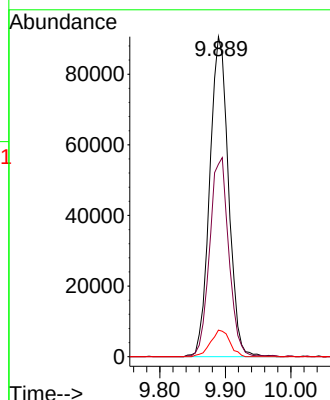
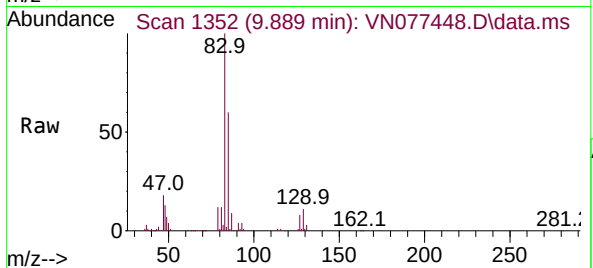
Ion	Ratio	Lower	Upper
83	100		
85	60.1	49.6	74.4
127	8.3	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#48

Methyl methacrylate

Concen: 18.307 ug/l

RT: 9.684 min Scan# 1317

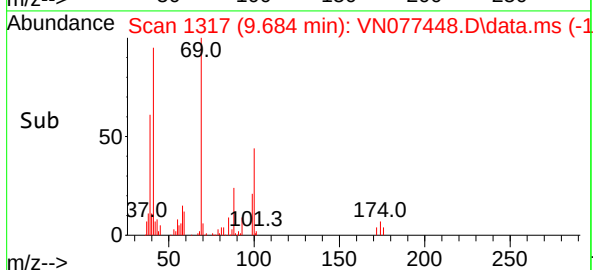
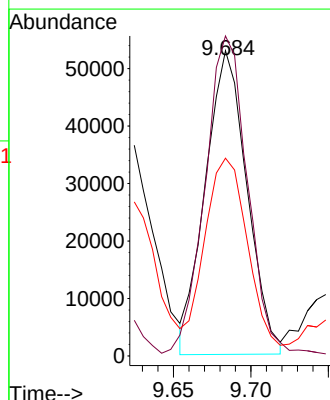
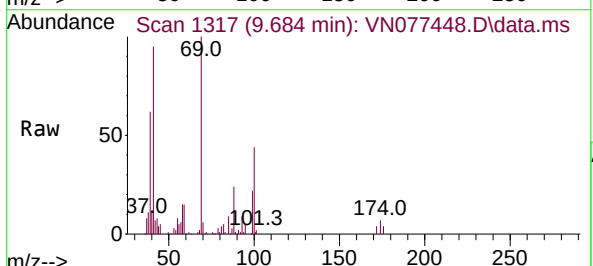
Delta R.T. 0.000 min

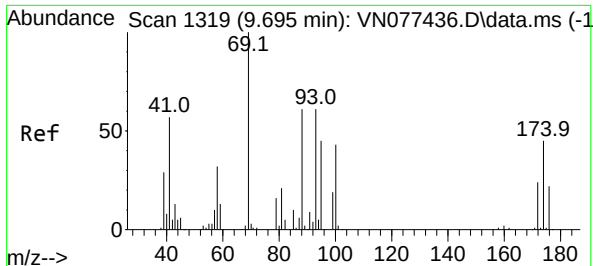
Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Tgt Ion: 41 Resp: 98667

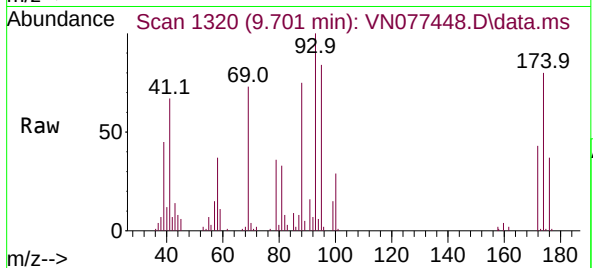
Ion	Ratio	Lower	Upper
41	100		
69	107.0	90.4	135.6
39	68.3	54.6	81.8





#49
1,4-Dioxane
Concen: 360.561 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

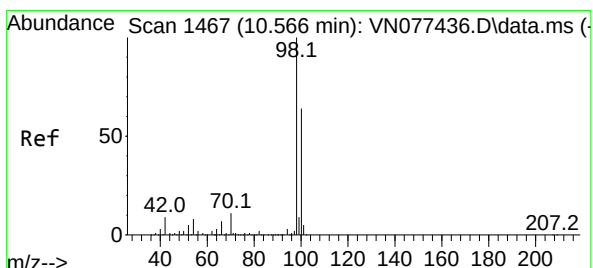
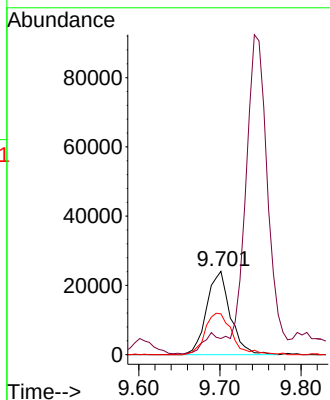
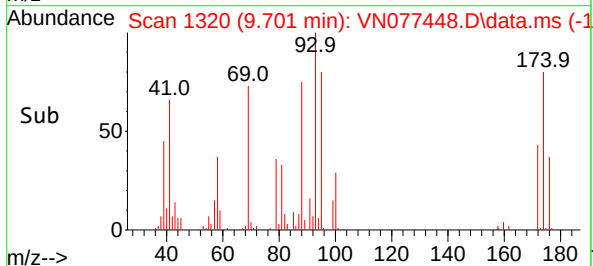
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 88 Resp: 48744
Ion Ratio Lower Upper
88 100
43 17.7 17.0 25.6
58 57.2 47.0 70.4

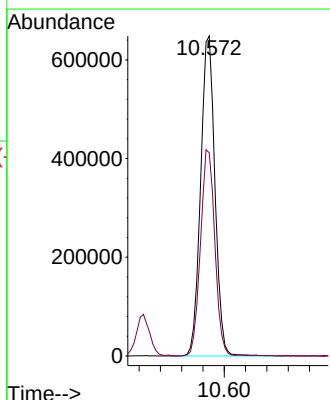
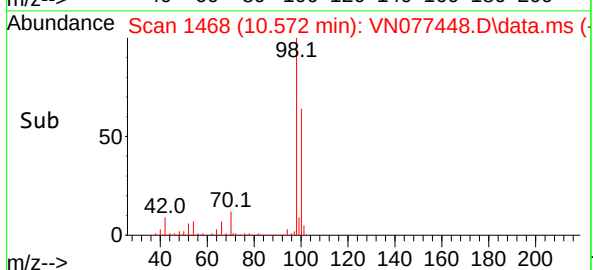
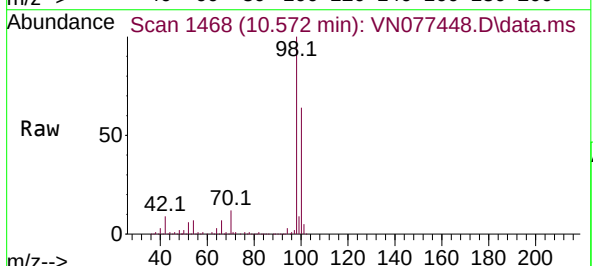
Manual Integrations
APPROVED

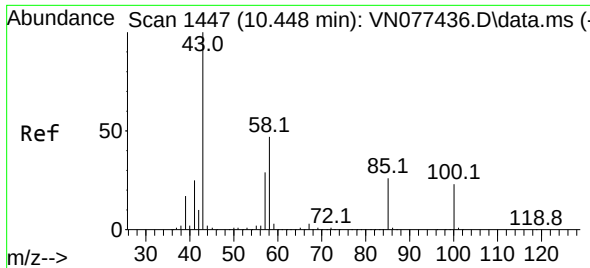
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#50
Toluene-d8
Concen: 50.523 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

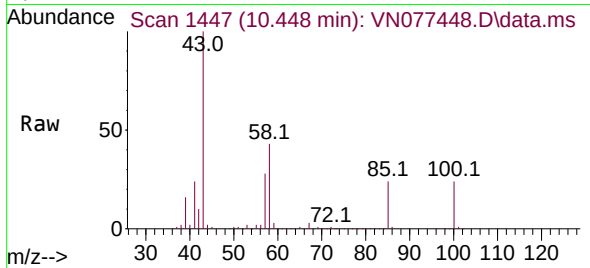
Tgt Ion: 98 Resp: 1207174
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 95.883 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

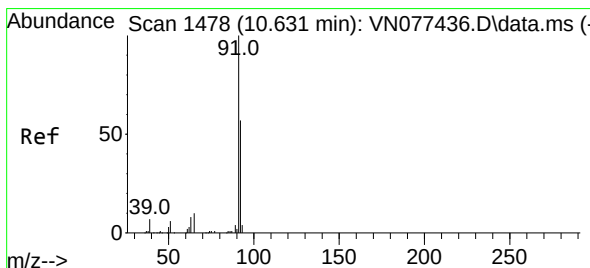
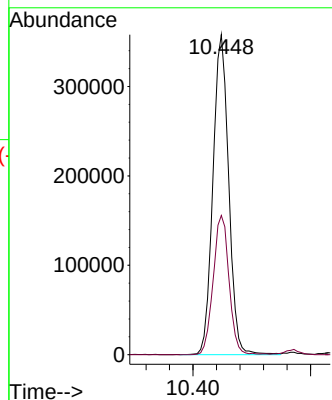
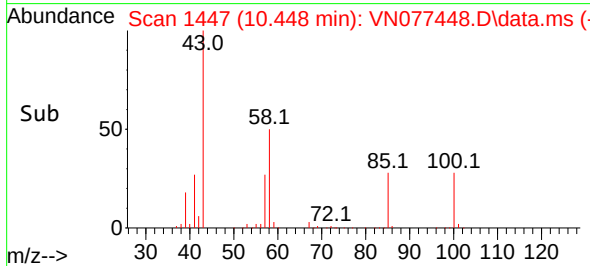
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 43 Resp: 665898
Ion Ratio Lower Upper
43 100
58 43.7 36.6 54.8

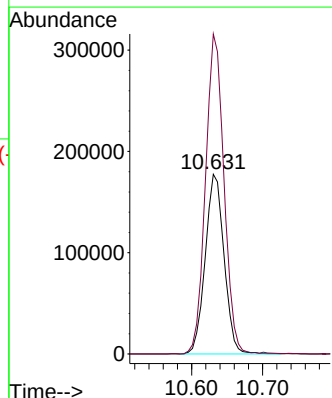
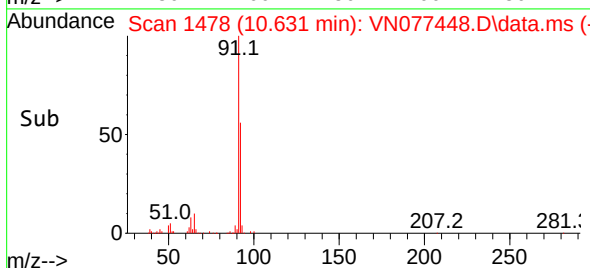
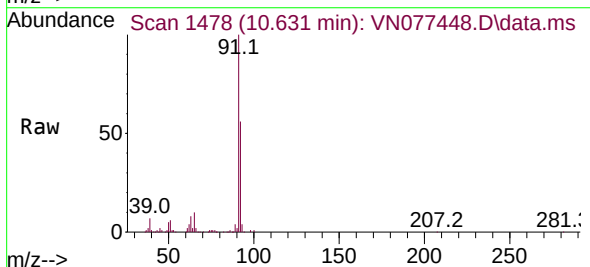
Manual Integrations
APPROVED

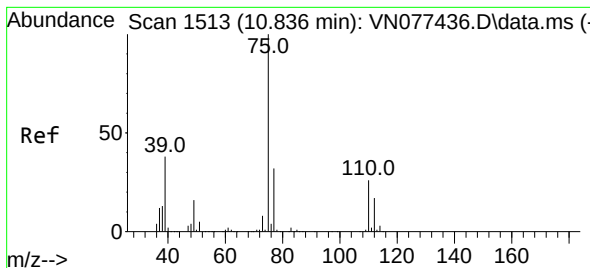
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#52
Toluene
Concen: 18.208 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion: 92 Resp: 327290
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.0





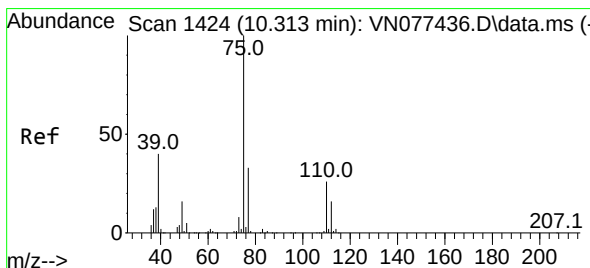
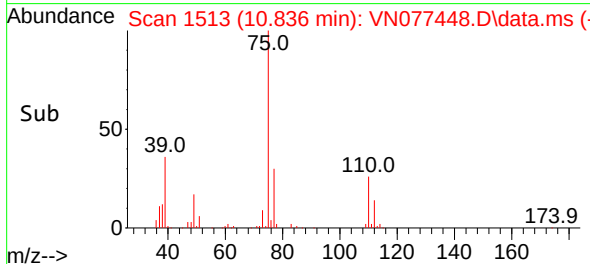
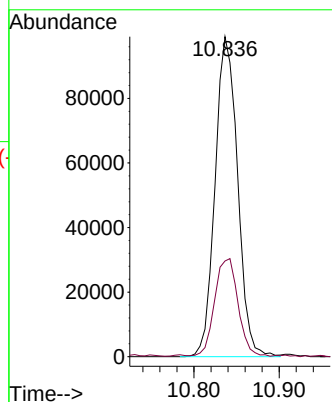
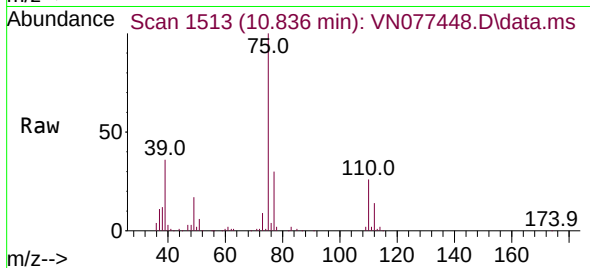
#53
 t-1,3-Dichloropropene
 Concen: 17.833 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077448.D
 Acq: 25 Apr 2023 05:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01

Tgt Ion: 75 Resp: 182150
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.0

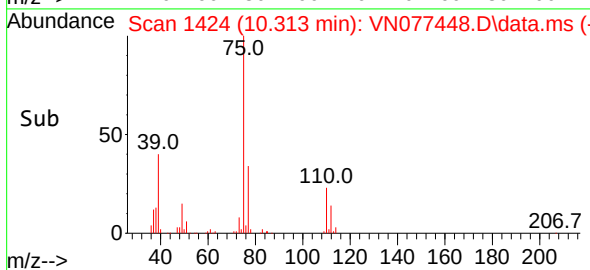
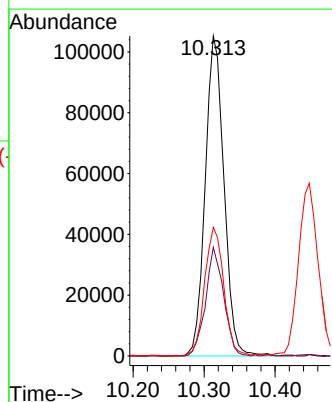
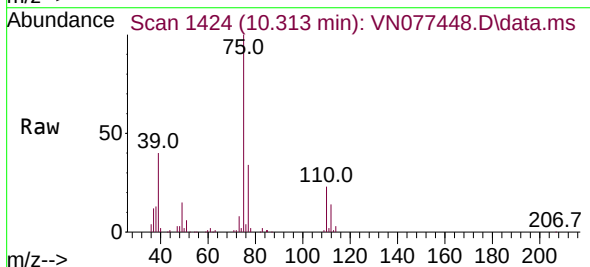
Manual Integrations
 APPROVED

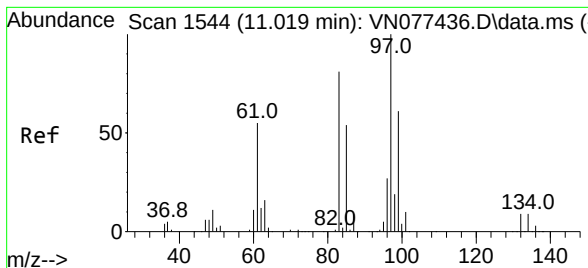
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#54
 cis-1,3-Dichloropropene
 Concen: 17.383 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077448.D
 Acq: 25 Apr 2023 05:16

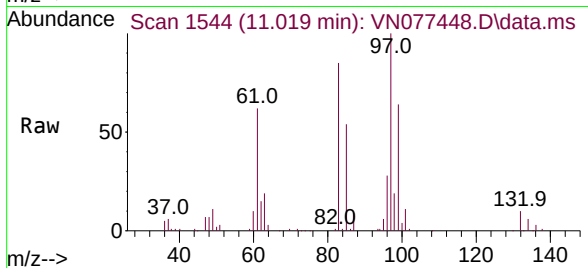
Tgt Ion: 75 Resp: 193279
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.1 39.1
 39 40.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 17.414 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

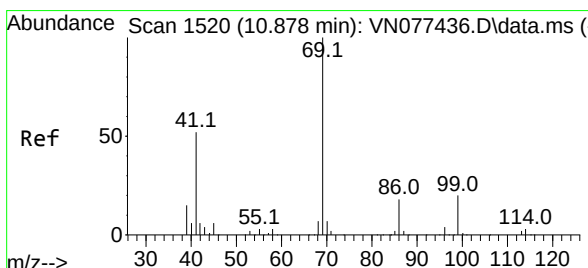
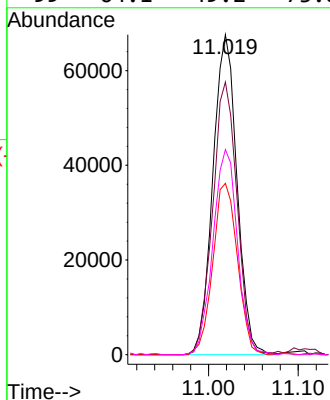
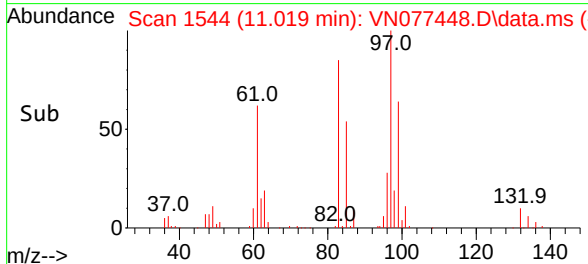
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 97 Resp: 125870
Ion Ratio Lower Upper
97 100
83 85.2 65.1 97.7
85 53.5 43.4 65.2
99 64.1 49.2 73.8

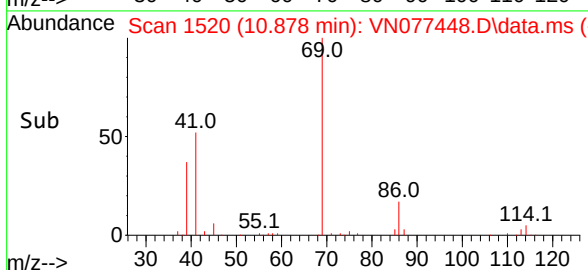
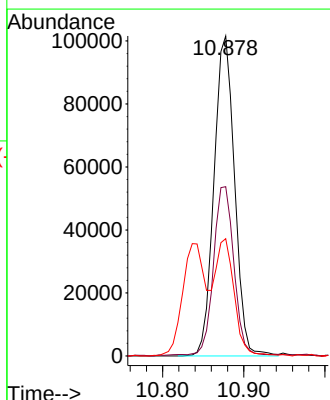
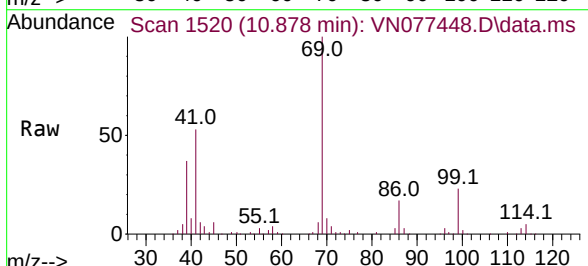
Manual Integrations
APPROVED

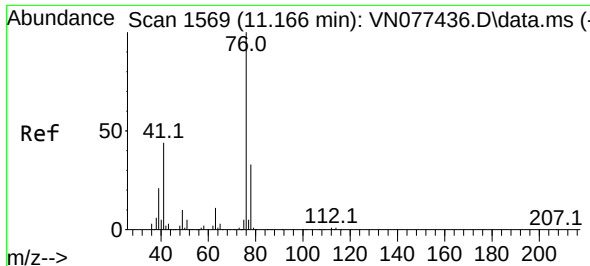
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#56
Ethyl methacrylate
Concen: 17.693 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion: 69 Resp: 179201
Ion Ratio Lower Upper
69 100
41 53.1 39.6 59.4
39 32.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 18.597 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 76 Resp: 214109

Ion Ratio Lower Upper

76 100

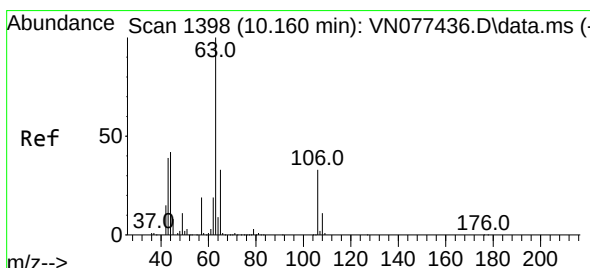
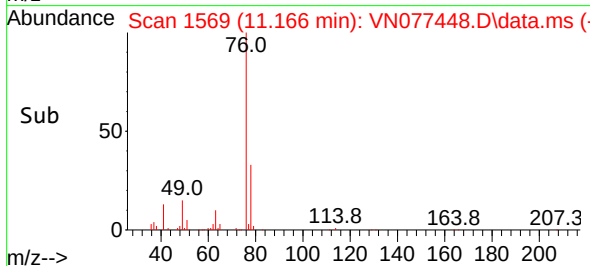
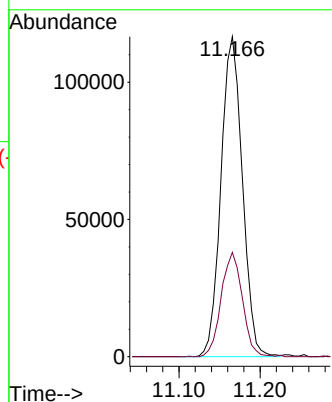
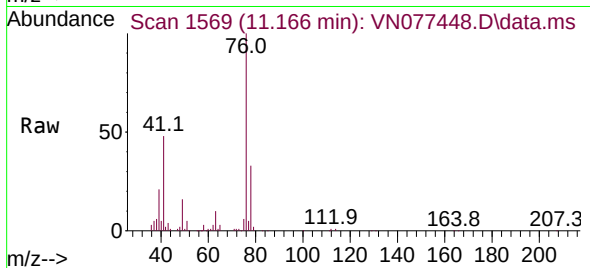
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 109.149 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077448.D

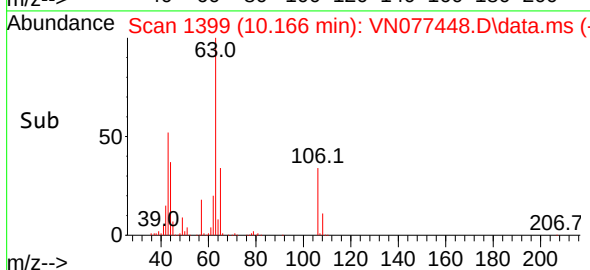
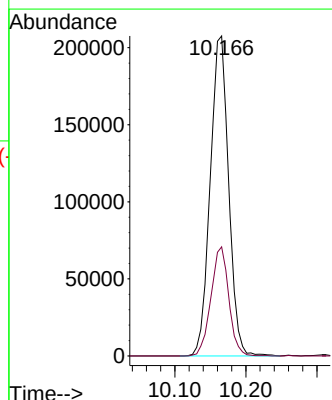
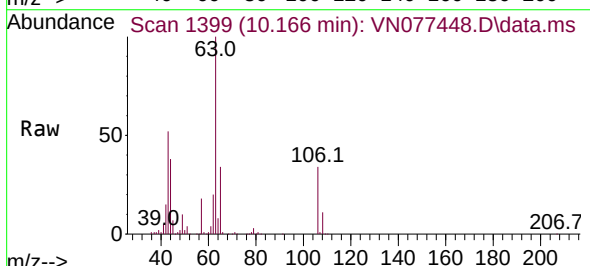
Acq: 25 Apr 2023 05:16

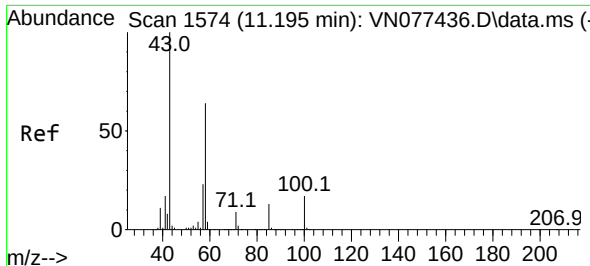
Tgt Ion: 63 Resp: 373916

Ion Ratio Lower Upper

63 100

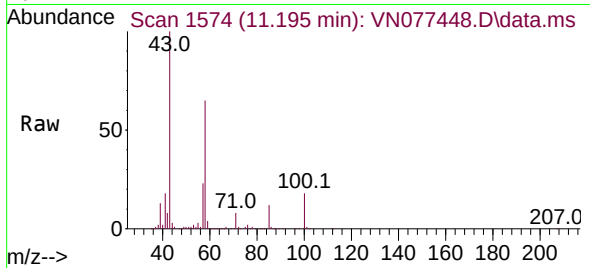
106 33.0 26.2 39.4





#59
2-Hexanone
Concen: 93.075 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

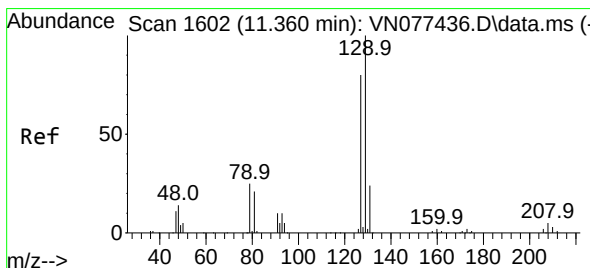
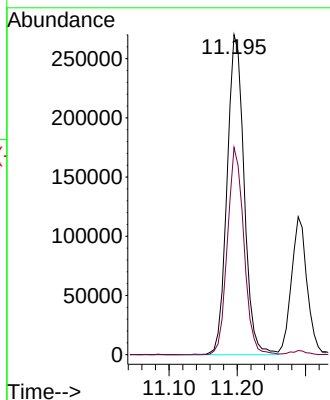
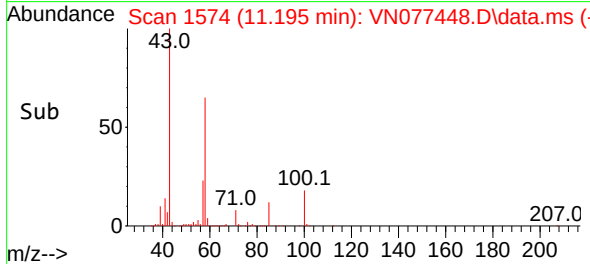
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 43 Resp: 469859
Ion Ratio Lower Upper
43 100
58 62.6 31.7 95.1

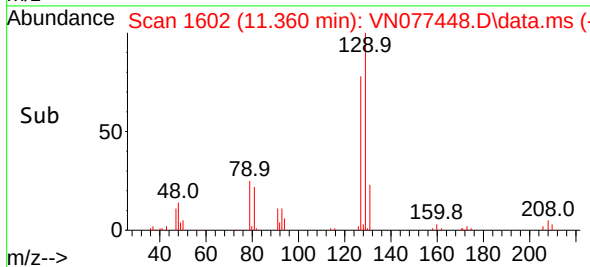
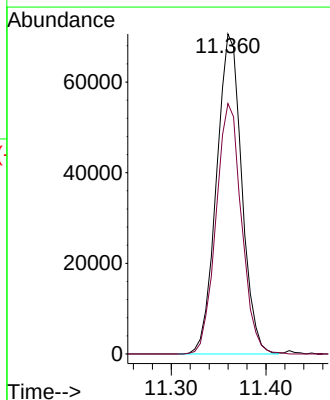
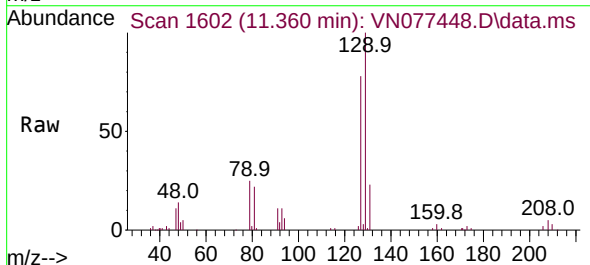
Manual Integrations
APPROVED

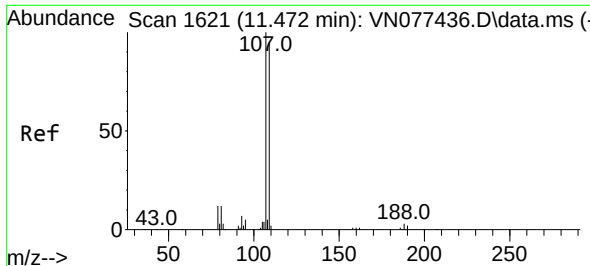
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#60
Dibromochloromethane
Concen: 17.450 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

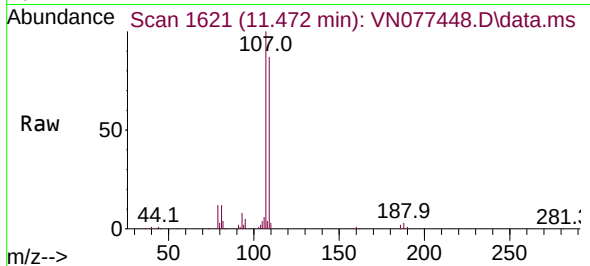
Tgt Ion:129 Resp: 130903
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.096 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

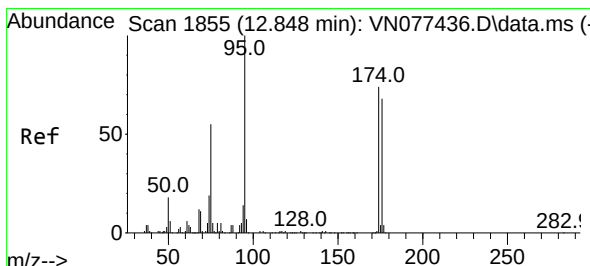
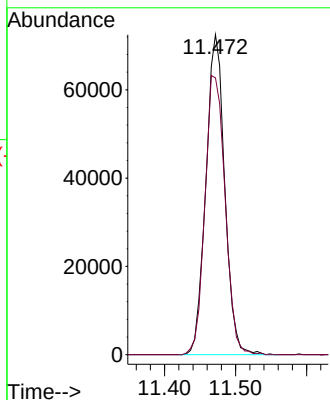
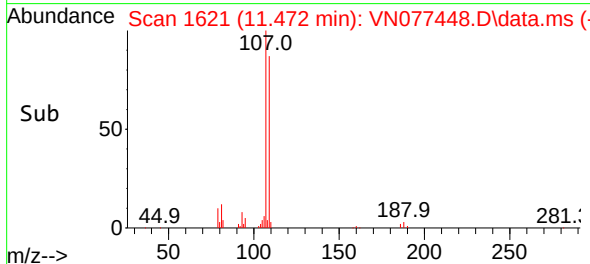
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion:107 Resp: 133539
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8

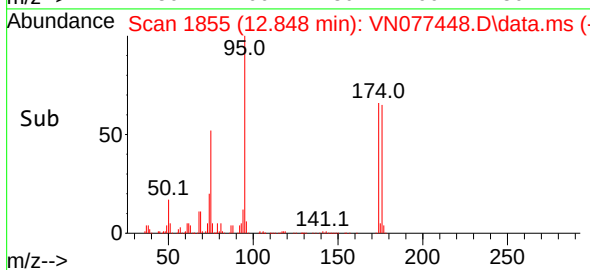
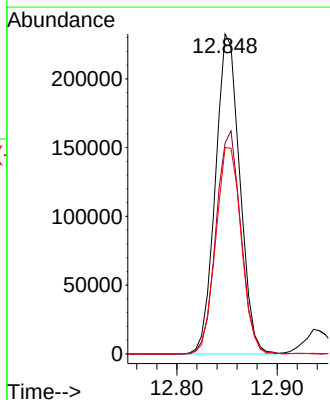
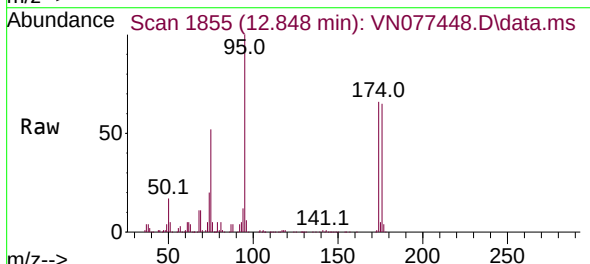
Manual Integrations
APPROVED

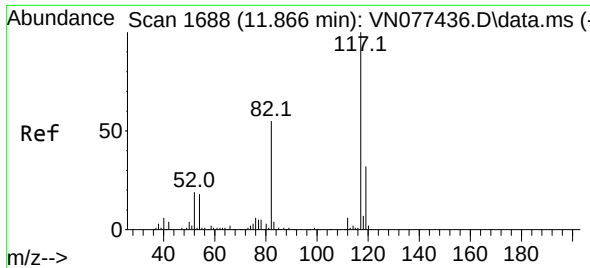
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#62
4-Bromofluorobenzene
Concen: 50.253 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

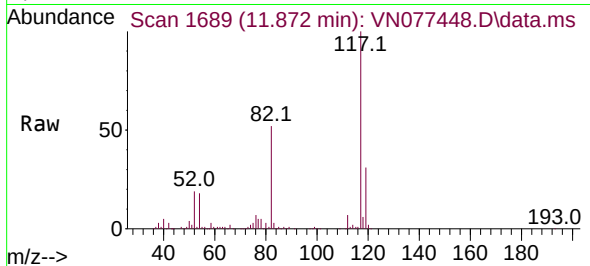
Tgt Ion: 95 Resp: 392842
Ion Ratio Lower Upper
95 100
174 71.0 0.0 143.8
176 67.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11872
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

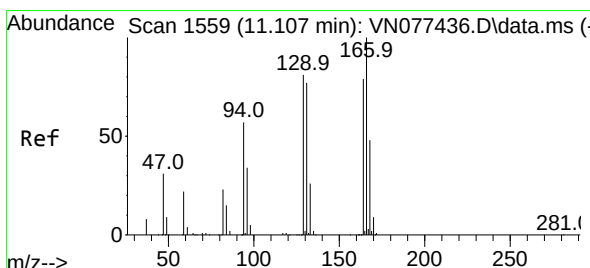
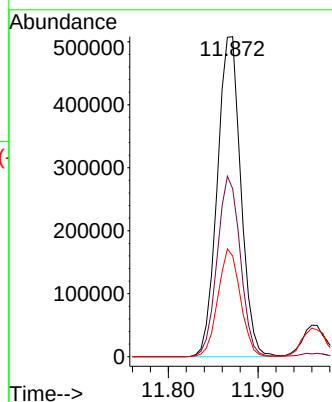
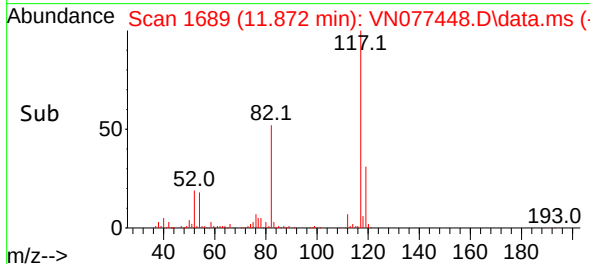
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



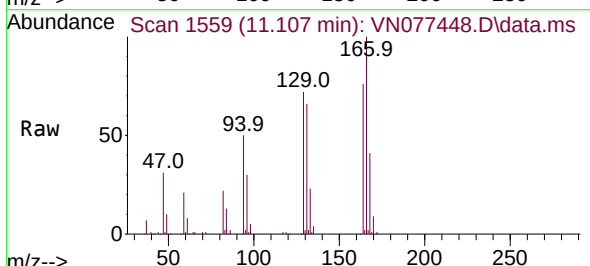
Tgt Ion:117 Resp: 925544
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 31.4 25.6 38.4

Manual Integrations
APPROVED

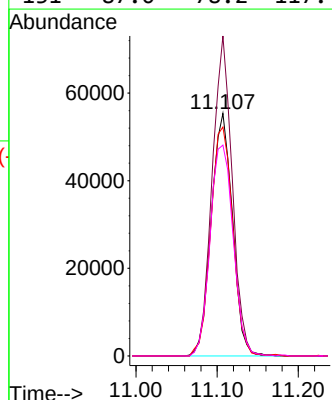
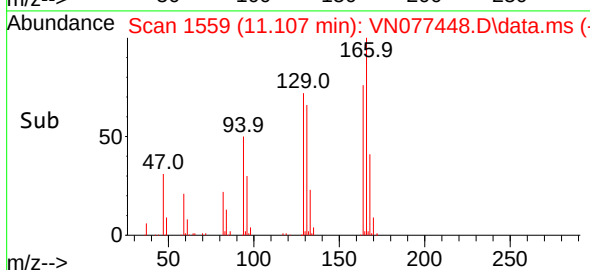
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

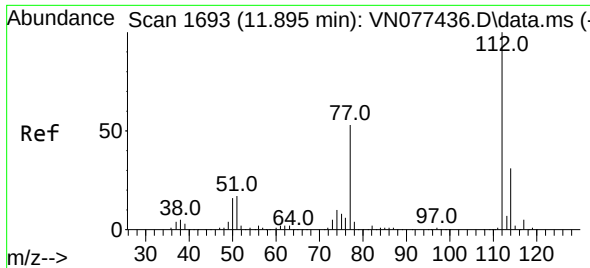


#64
Tetrachloroethene
Concen: 18.178 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



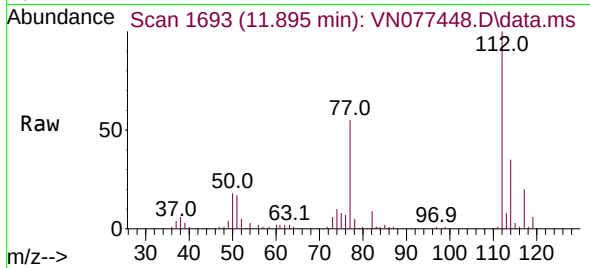
Tgt Ion:164 Resp: 100716
Ion Ratio Lower Upper
164 100
166 132.0 101.4 152.0
129 94.4 82.4 123.6
131 87.0 78.2 117.4





#65
Chlorobenzene
Concen: 17.695 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

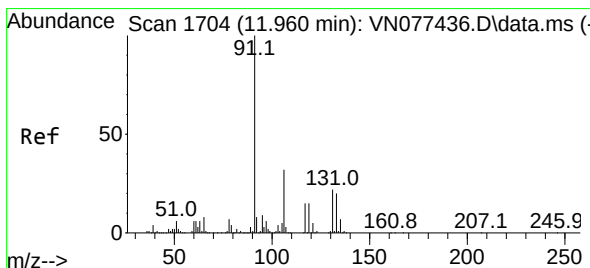
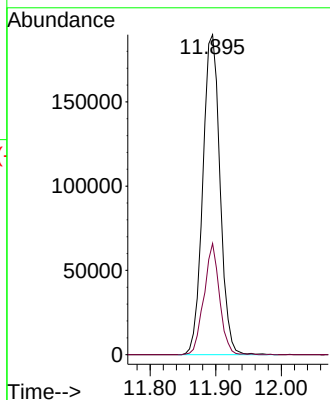
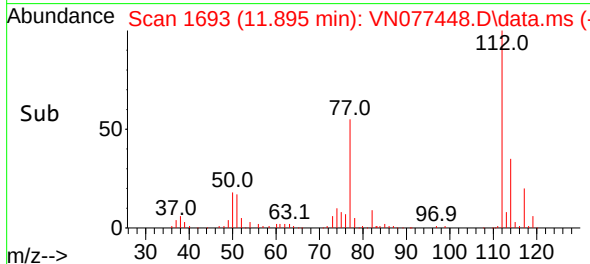
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



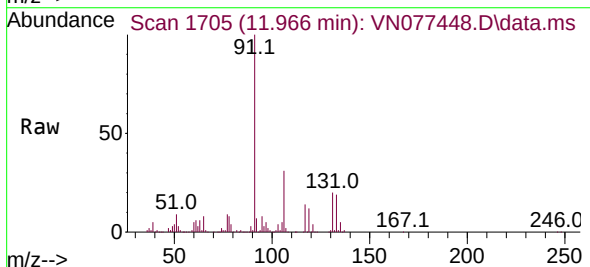
Tgt Ion:112 Resp: 346552
Ion Ratio Lower Upper
112 100
114 34.7 25.0 37.4

Manual Integrations
APPROVED

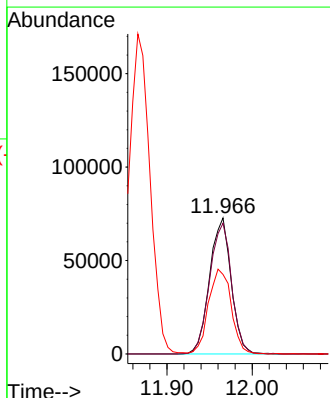
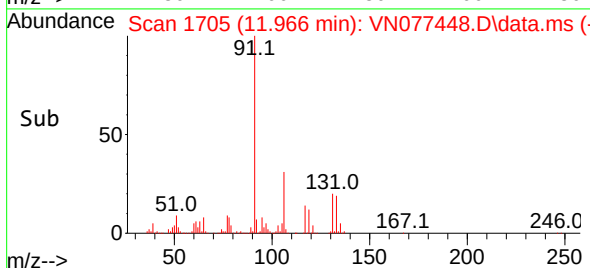
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

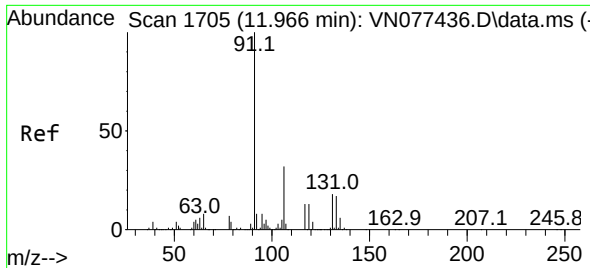


#66
1,1,1,2-Tetrachloroethane
Concen: 17.938 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



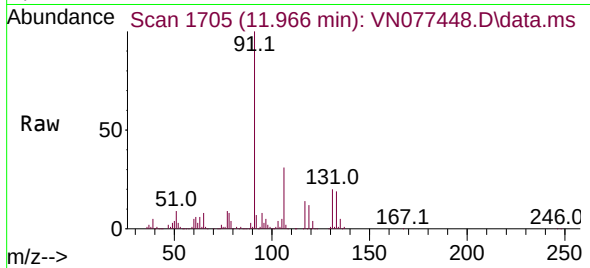
Tgt Ion:131 Resp: 127819
Ion Ratio Lower Upper
131 100
133 98.3 46.4 139.1
119 65.7 34.1 102.2





#67
Ethyl Benzene
Concen: 17.979 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

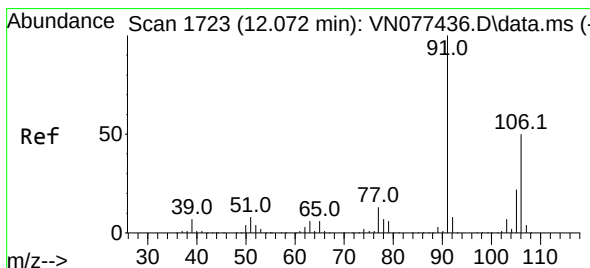
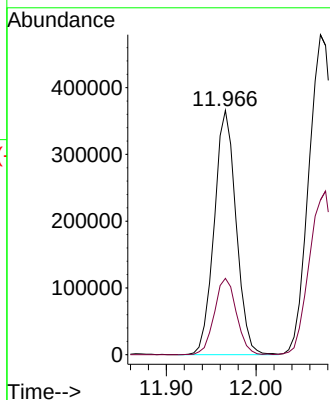
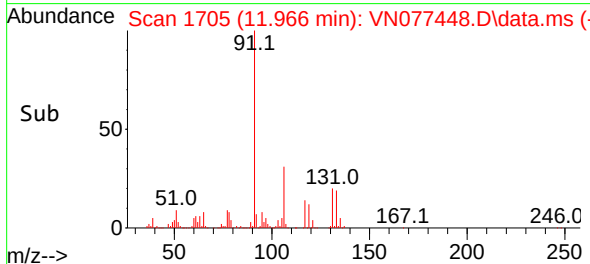
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



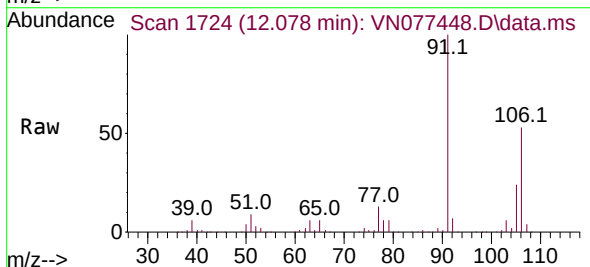
Tgt Ion: 91 Resp: 619858
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

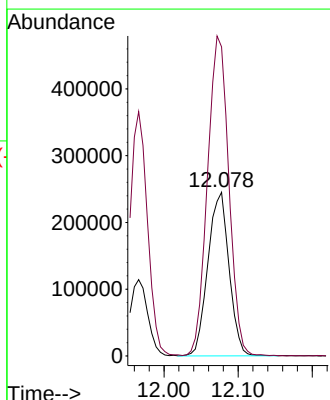
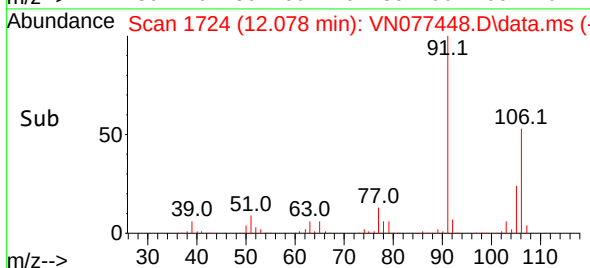
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

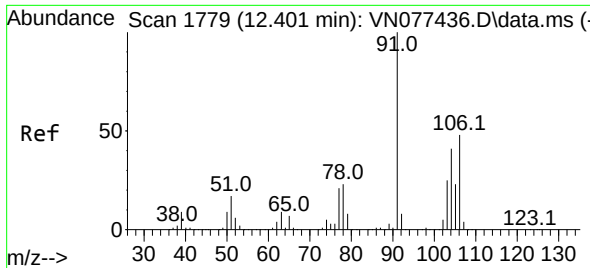


#68
m/p-Xylenes
Concen: 36.223 ug/l
RT: 12.078 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



Tgt Ion:106 Resp: 485389
Ion Ratio Lower Upper
106 100
91 197.8 159.6 239.4





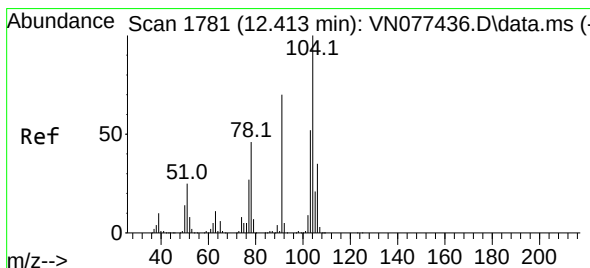
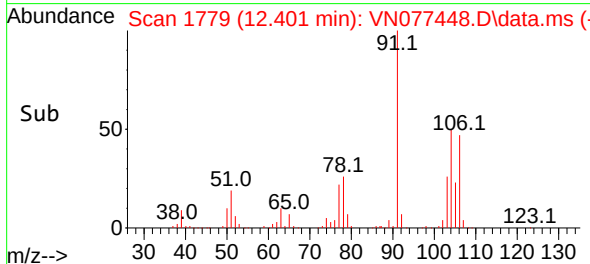
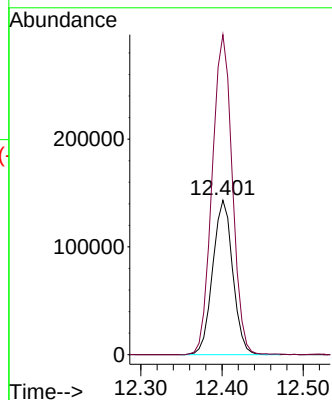
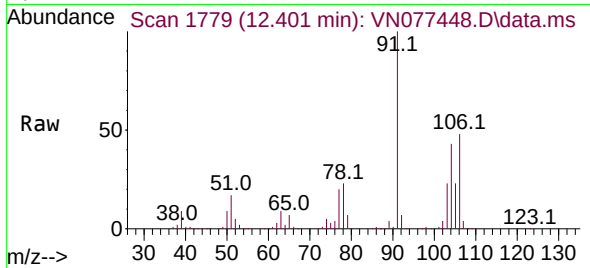
#69
o-Xylene
Concen: 18.667 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion:106 Resp: 24604
Ion Ratio Lower Upper
106 100
91 208.5 105.2 315.5

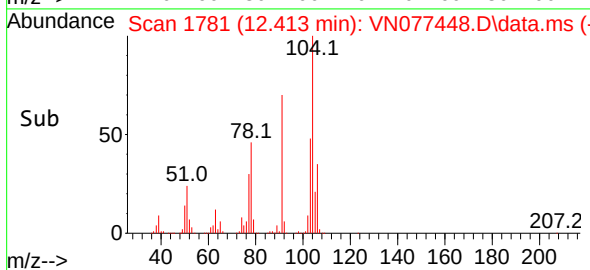
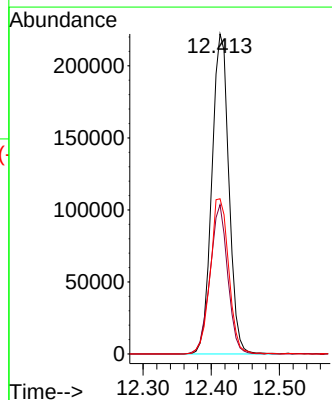
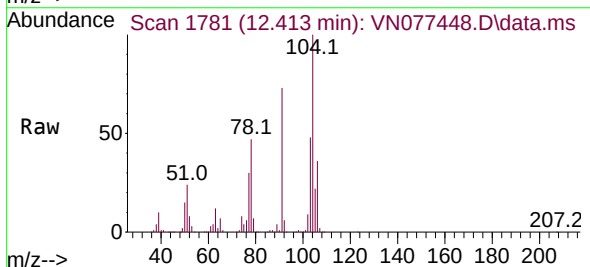
Manual Integrations
APPROVED

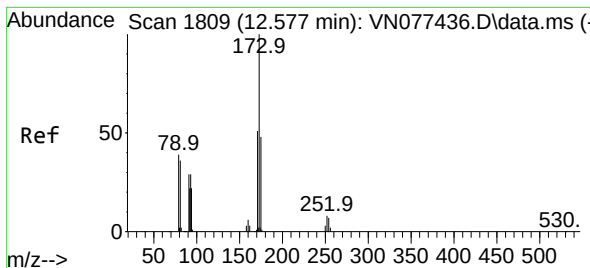
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#70
Styrene
Concen: 18.779 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion:104 Resp: 387075
Ion Ratio Lower Upper
104 100
78 48.2 39.5 59.3
103 52.7 43.2 64.8





#71

Bromoform

Concen: 18.416 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

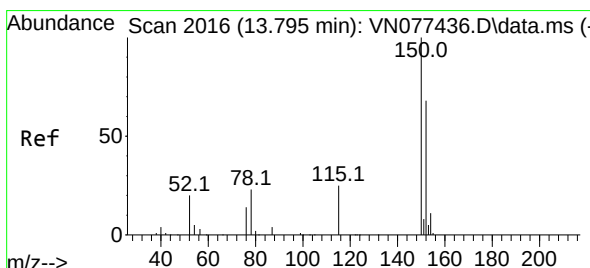
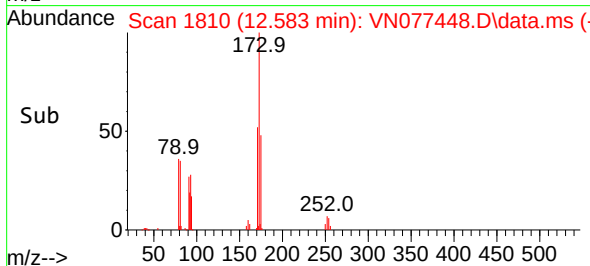
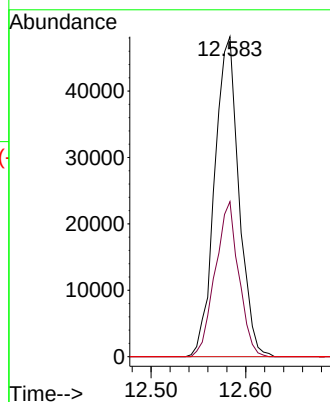
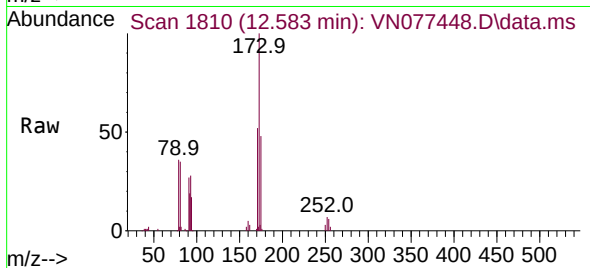
Tgt Ion:173 Resp: 8585
 Ion Ratio Lower Upper
 173 100
 175 47.1 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

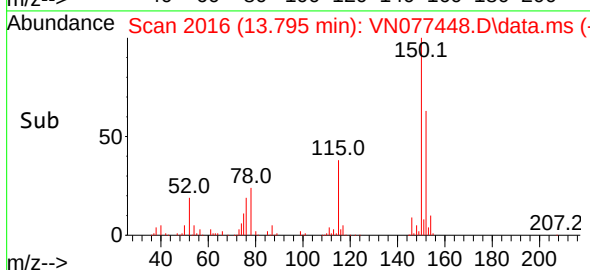
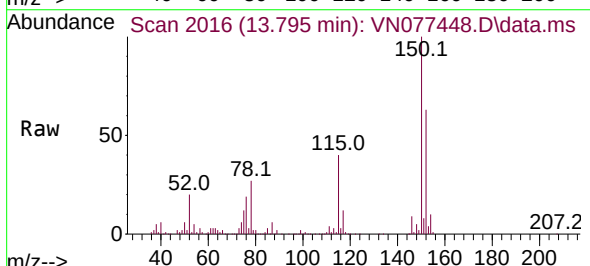
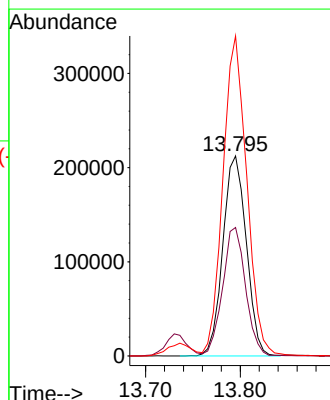
RT: 13.795 min Scan# 2016

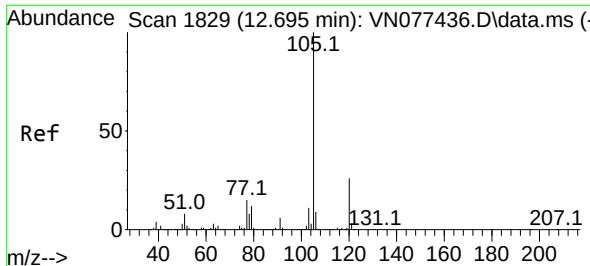
Delta R.T. 0.000 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

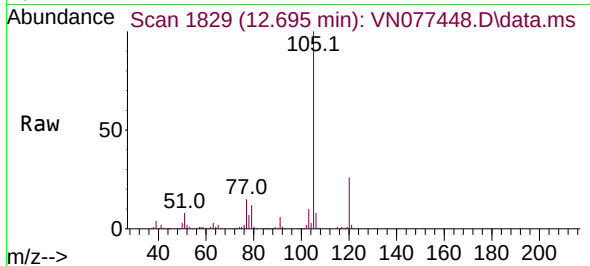
Tgt Ion:152 Resp: 365675
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 162.5 0.0 355.8





#73
Isopropylbenzene
Concen: 18.339 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

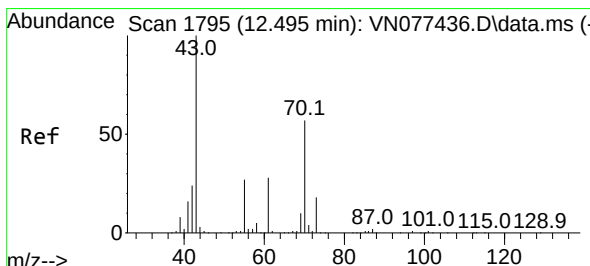
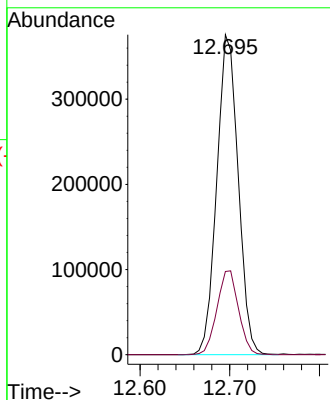
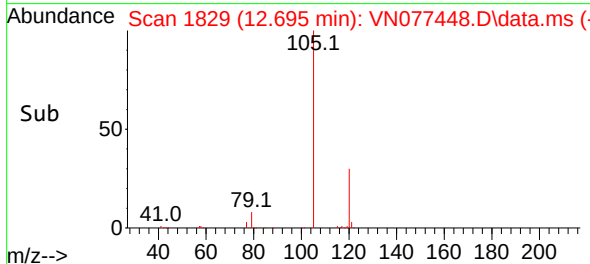
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



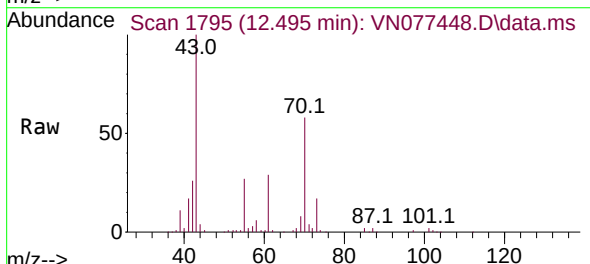
Tgt Ion:105 Resp: 622304
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

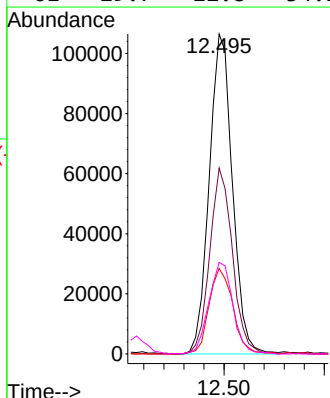
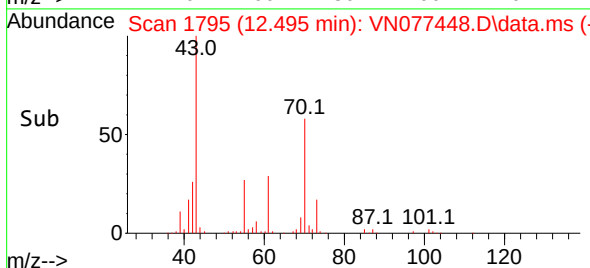
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

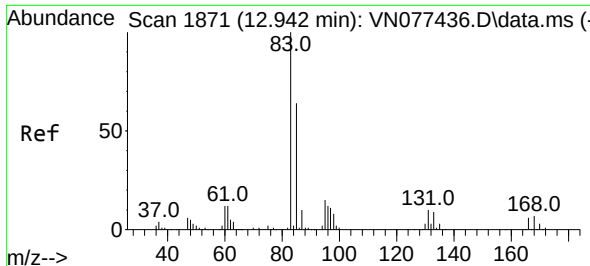


#74
N-ethyl acetate
Concen: 17.030 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



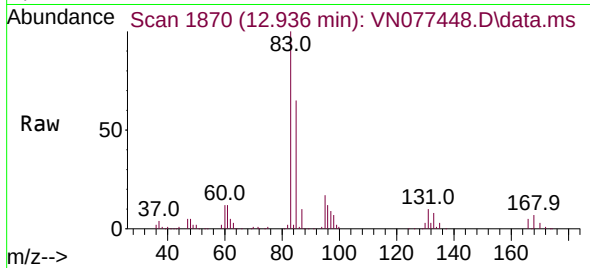
Tgt Ion: 43 Resp: 171081
Ion Ratio Lower Upper
43 100
70 57.0 43.4 65.2
55 27.6 21.4 32.0
61 29.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.354 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

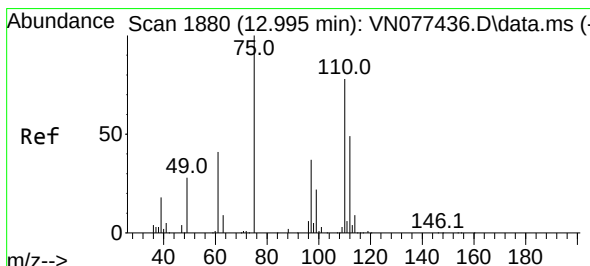
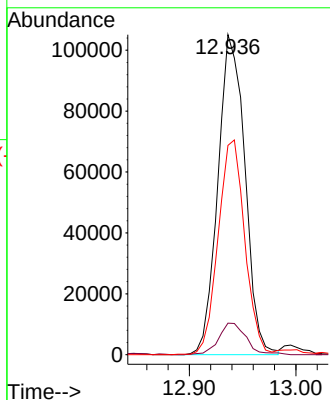
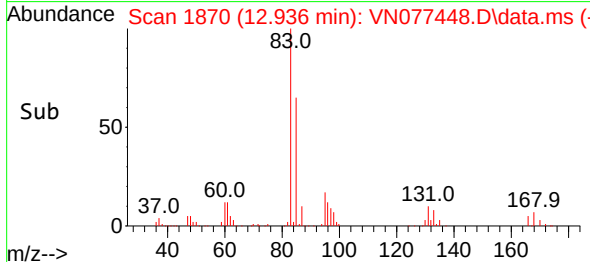
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 83 Resp: 18502
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 66.2 31.9 95.7

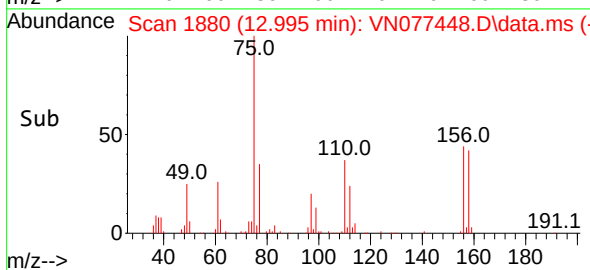
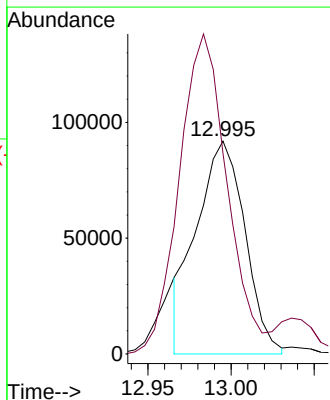
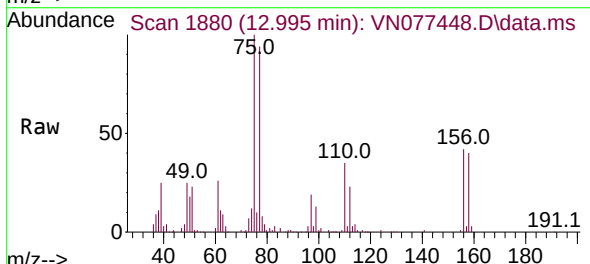
Manual Integrations
APPROVED

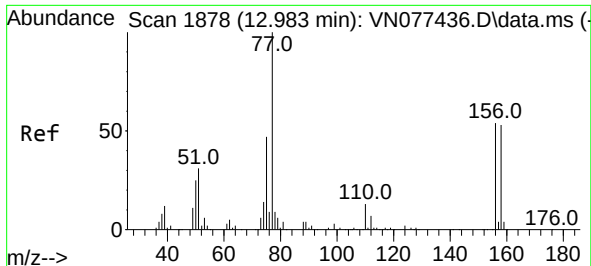
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#76
1,2,3-Trichloropropane
Concen: 21.957 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

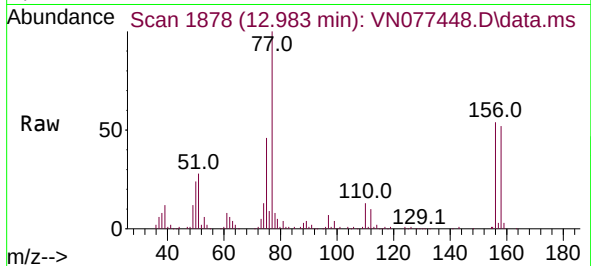
Tgt Ion: 75 Resp: 186709
Ion Ratio Lower Upper
75 100
77 147.7 84.5 253.5





#77
Bromobenzene
Concen: 17.201 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

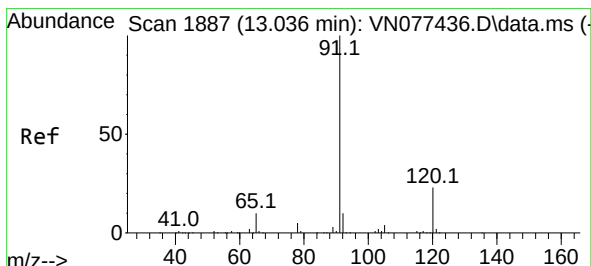
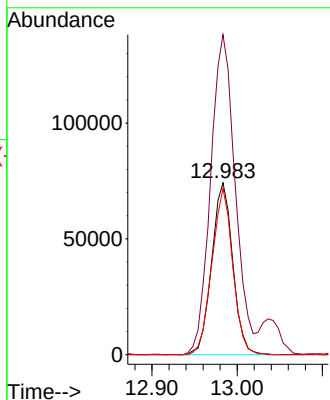
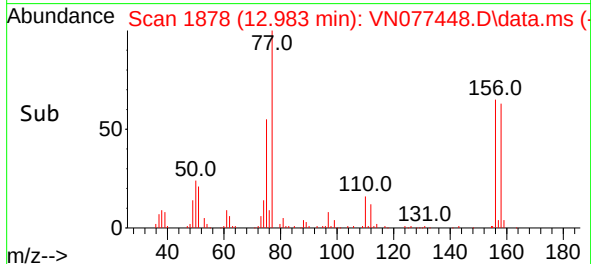
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



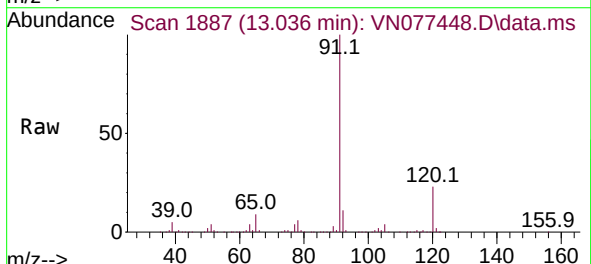
Tgt Ion: 156 Resp: 127209
Ion Ratio Lower Upper
156 100
77 216.8 107.7 323.3
158 95.8 48.4 145.3

Manual Integrations
APPROVED

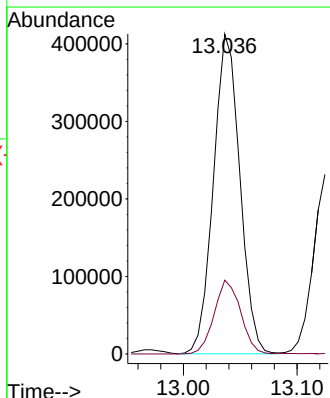
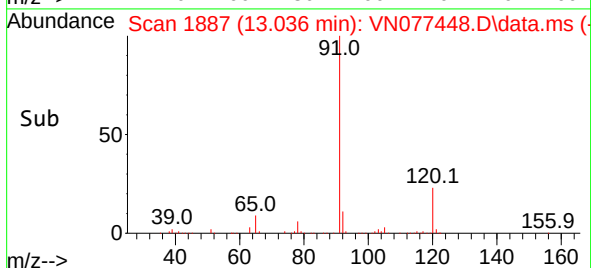
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

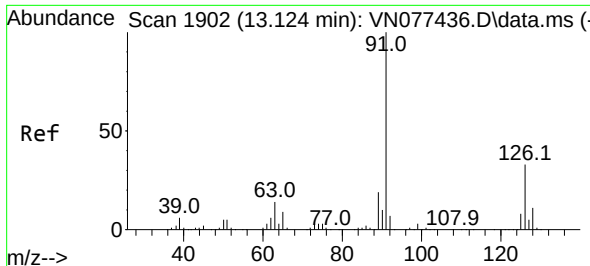


#78
n-propylbenzene
Concen: 17.760 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



Tgt Ion: 91 Resp: 666341
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.171 ug/l

RT: 13.130 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VN077448.D

Acq: 25 Apr 2023 05:16

Instrument :

MSVOA_N

ClientSampleId :

VN0424WBSD01

Tgt Ion: 91 Resp: 42034

Ion Ratio Lower Upper

91 100

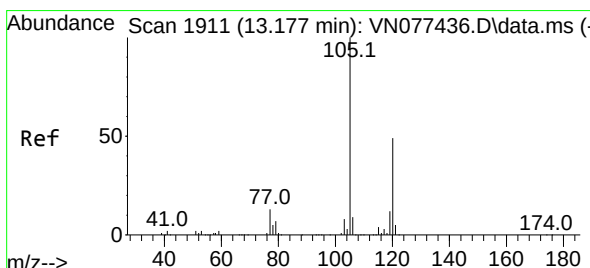
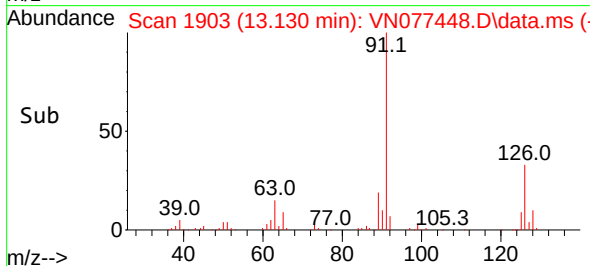
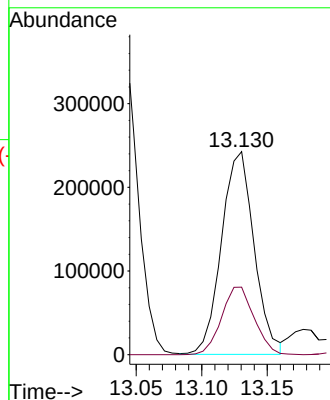
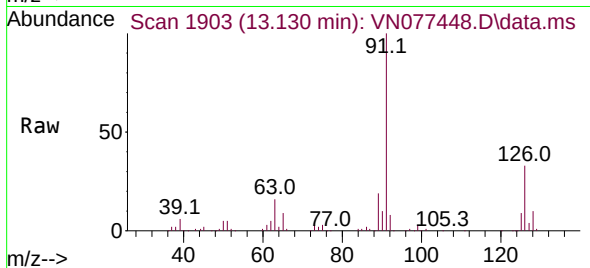
126 33.4 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#80

1,3,5-Trimethylbenzene

Concen: 18.682 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077448.D

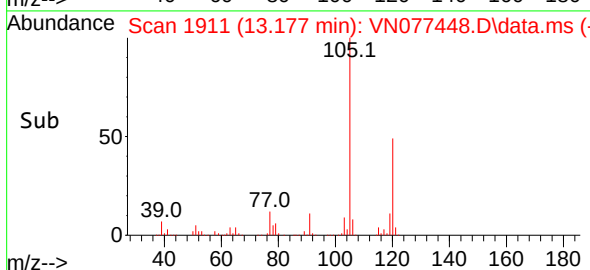
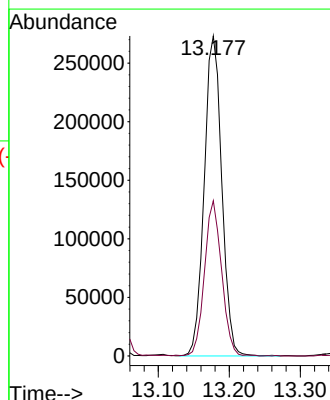
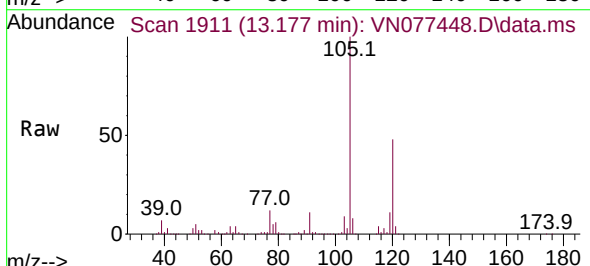
Acq: 25 Apr 2023 05:16

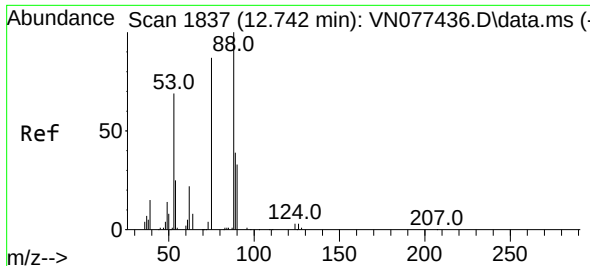
Tgt Ion:105 Resp: 470789

Ion Ratio Lower Upper

105 100

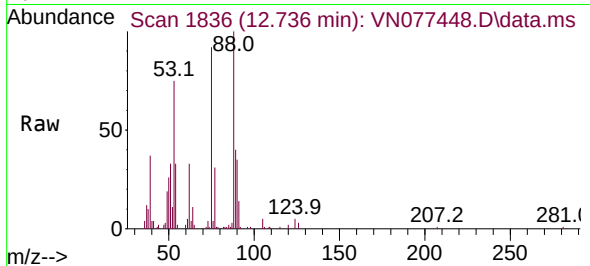
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.046 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

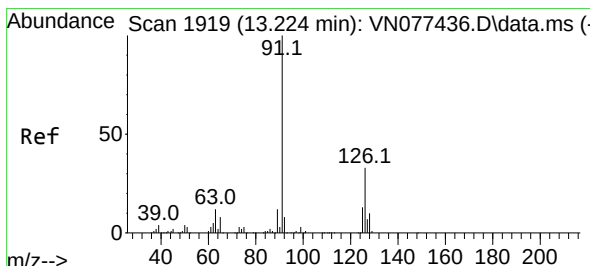
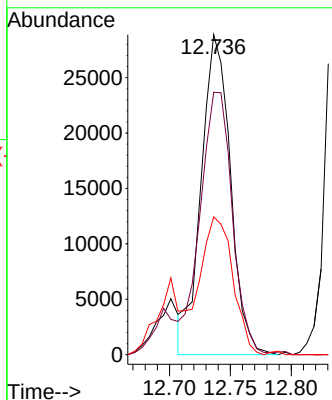
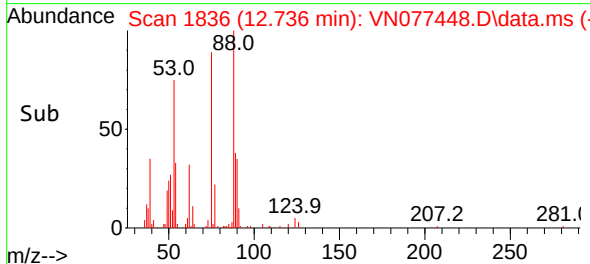
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 75 Resp: 48290
Ion Ratio Lower Upper
75 100
53 88.8 67.4 101.2
89 47.8 38.8 58.2

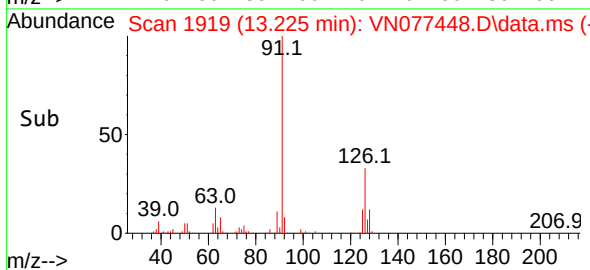
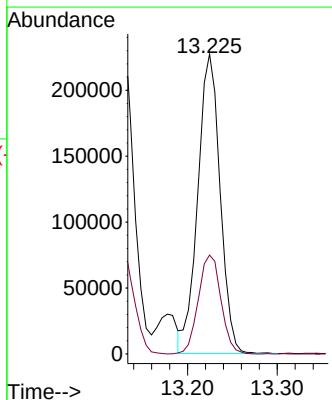
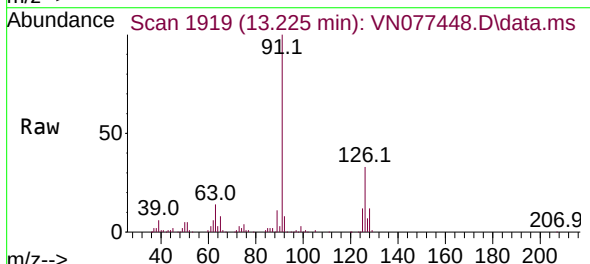
Manual Integrations
APPROVED

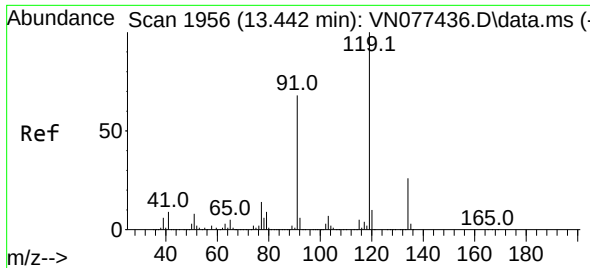
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#82
4-Chlorotoluene
Concen: 18.145 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

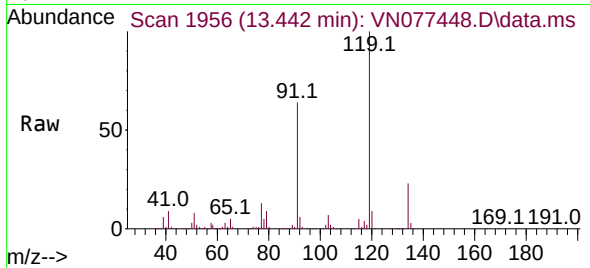
Tgt Ion: 91 Resp: 392224
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.032 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

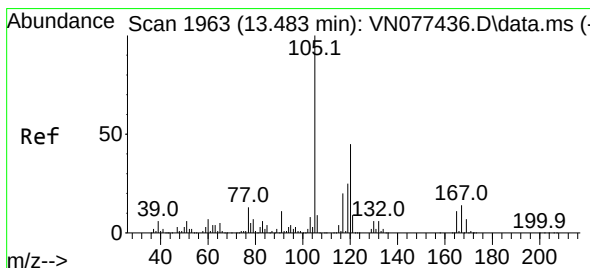
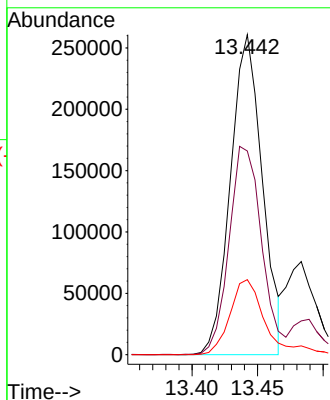
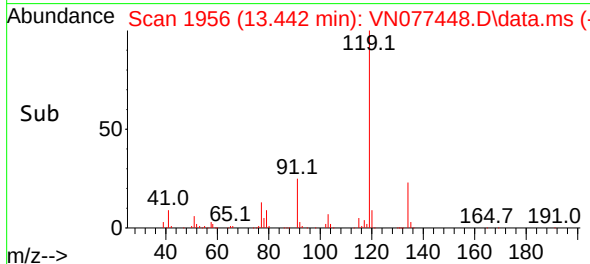
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



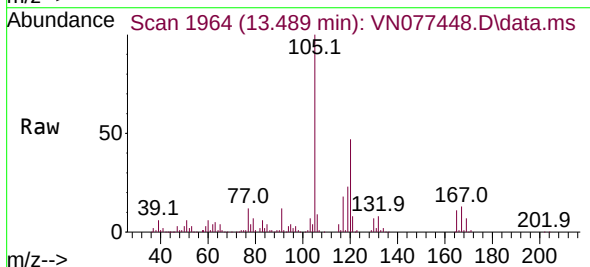
Tgt Ion:119 Resp: 441288
Ion Ratio Lower Upper
119 100
91 66.9 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
APPROVED

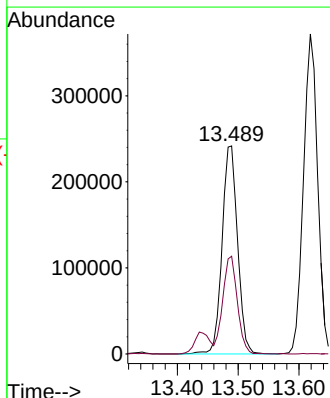
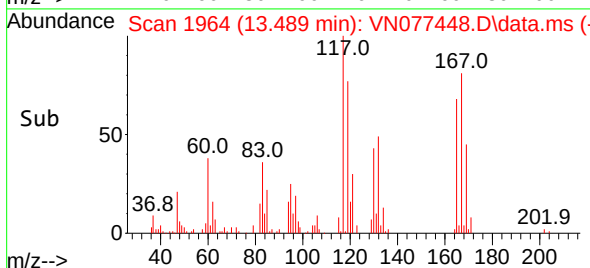
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

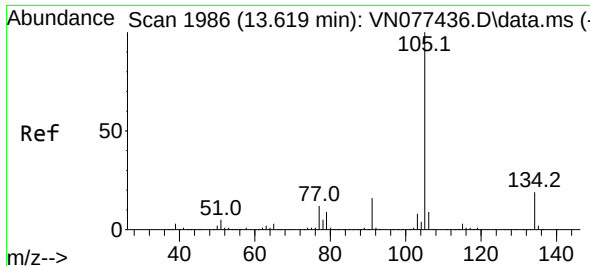


#84
1,2,4-Trimethylbenzene
Concen: 18.130 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



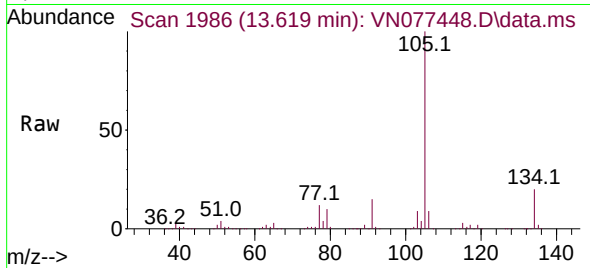
Tgt Ion:105 Resp: 426678
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.907 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077448.D
 Acq: 25 Apr 2023 05:16

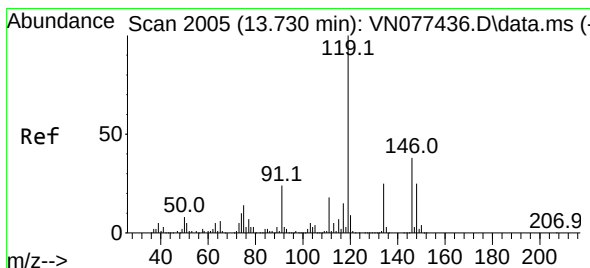
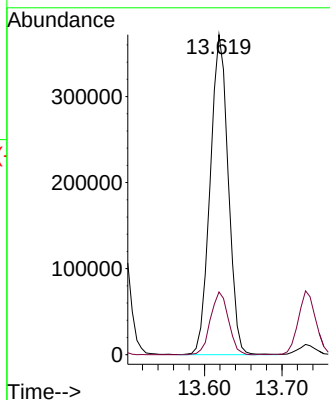
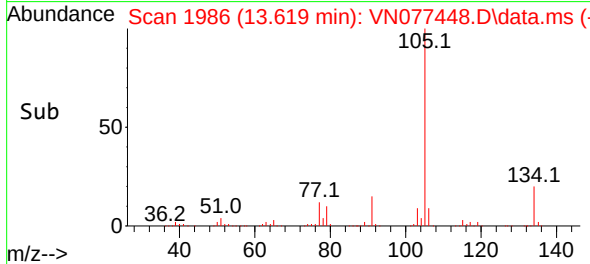
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0424WBSD01



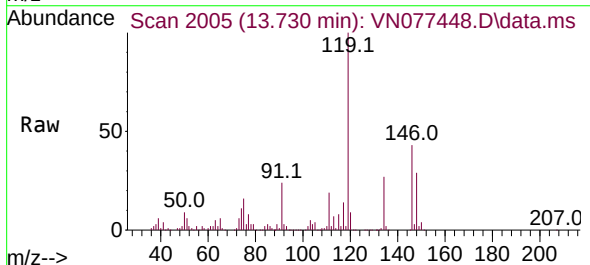
Tgt Ion:105 Resp: 601495
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

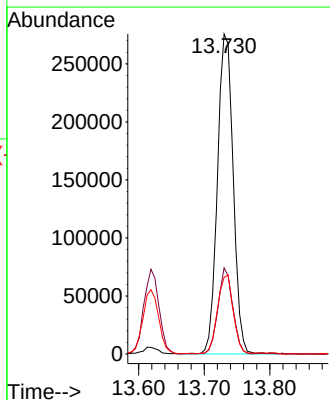
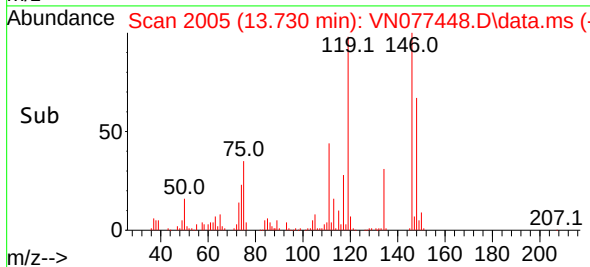
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

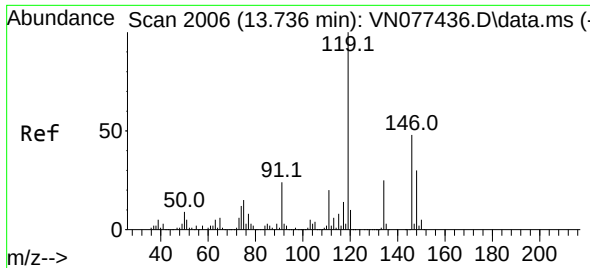


#86
 p-Isopropyltoluene
 Concen: 17.737 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077448.D
 Acq: 25 Apr 2023 05:16



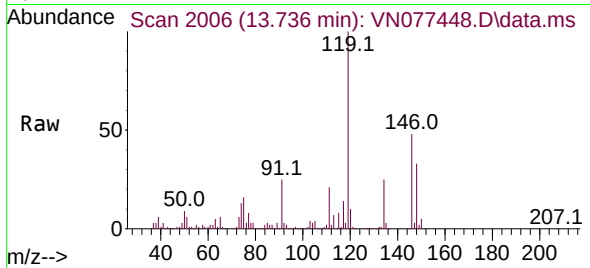
Tgt Ion:119 Resp: 458412
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.575 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

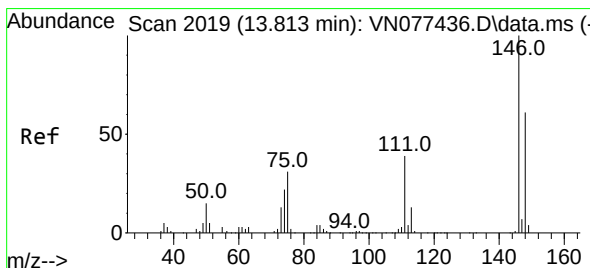
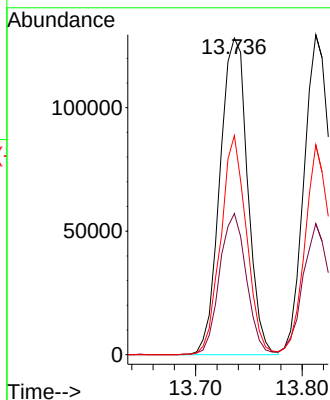
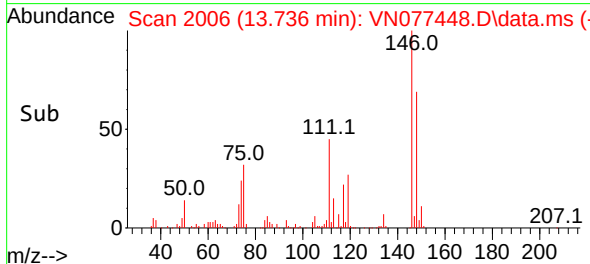
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



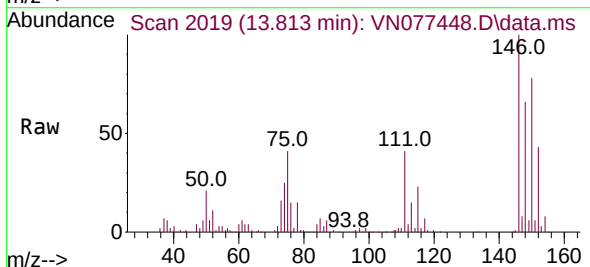
Tgt Ion:146 Resp: 231150
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 64.5 32.0 96.0

Manual Integrations
APPROVED

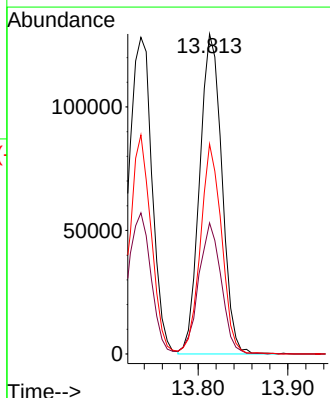
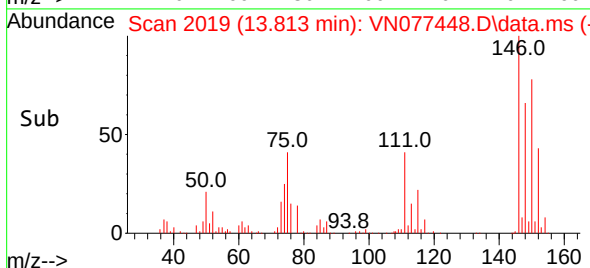
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

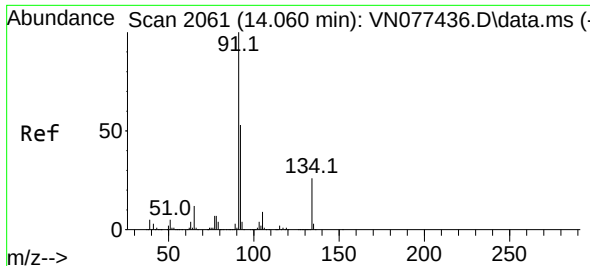


#88
1,4-Dichlorobenzene
Concen: 17.170 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



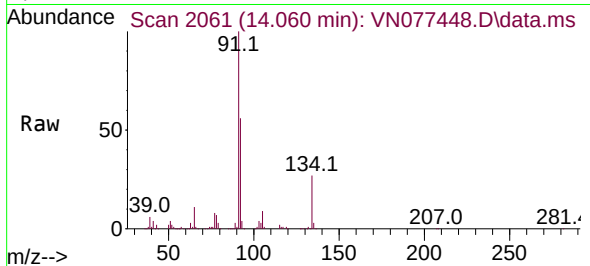
Tgt Ion:146 Resp: 222972
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 62.6 31.6 94.8





#89
n-Butylbenzene
Concen: 16.736 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

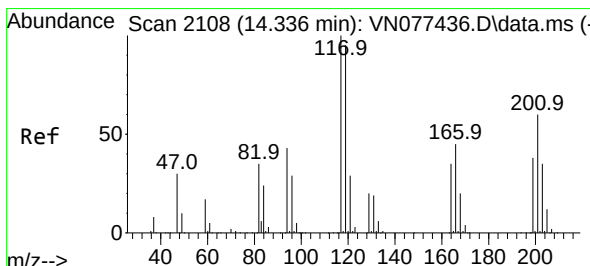
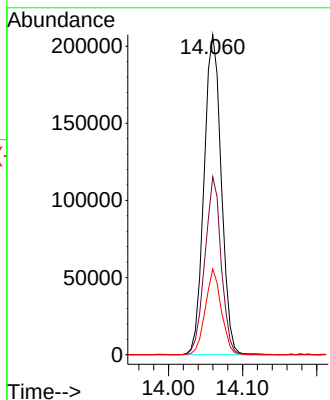
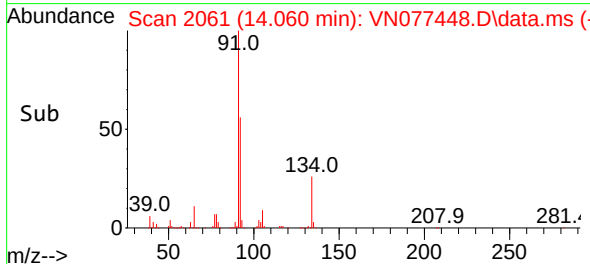
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



Tgt Ion: 91 Resp: 334730
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 24.8 12.6 37.6

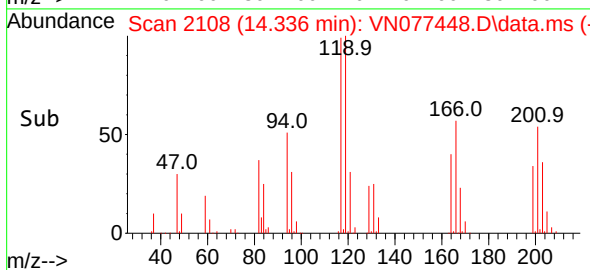
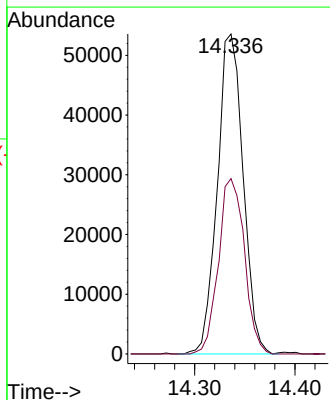
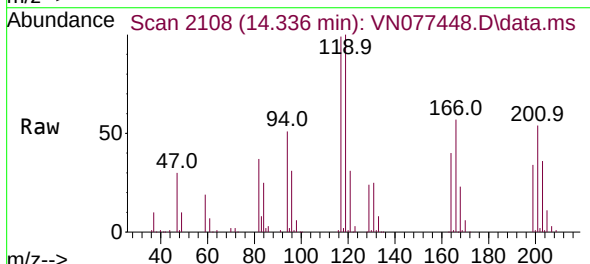
Manual Integrations
APPROVED

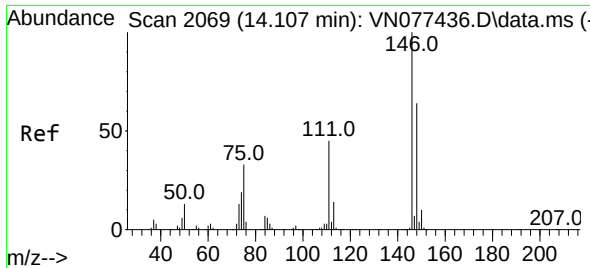
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#90
Hexachloroethane
Concen: 16.761 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Tgt Ion:117 Resp: 95703
Ion Ratio Lower Upper
117 100
201 55.0 29.3 88.0





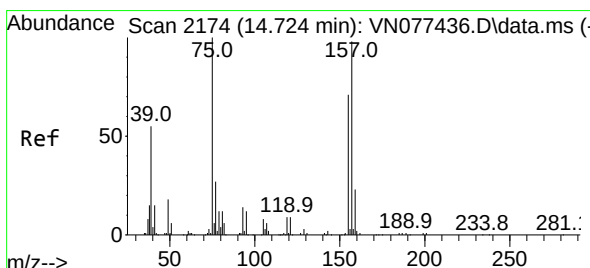
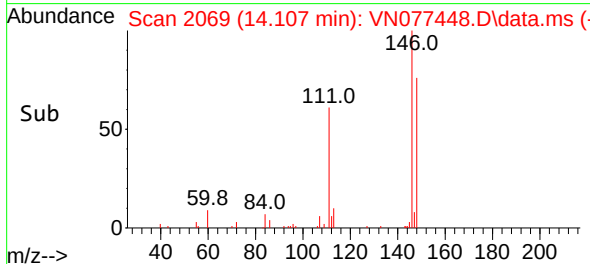
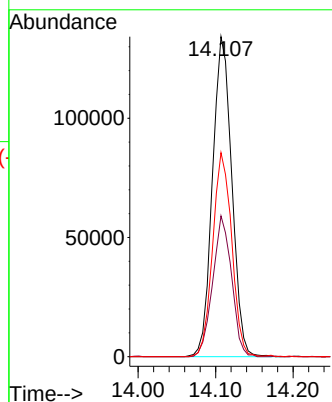
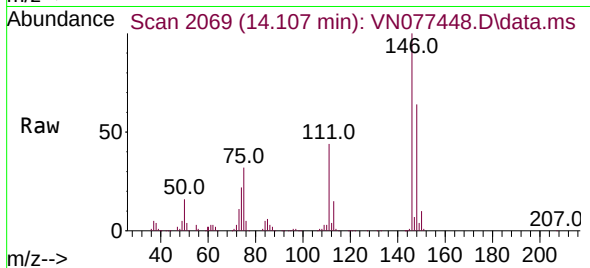
#91
1,2-Dichlorobenzene
Concen: 17.826 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01

Tgt Ion:146 Resp: 23253
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 62.7 31.8 95.3

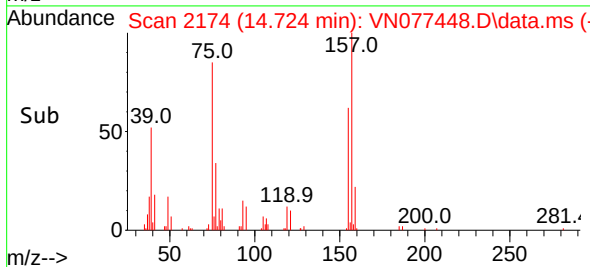
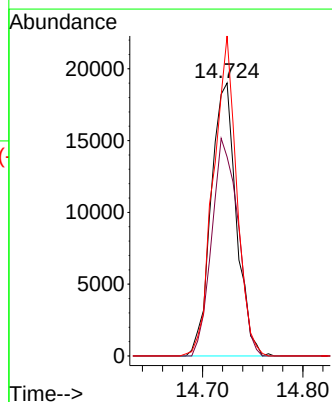
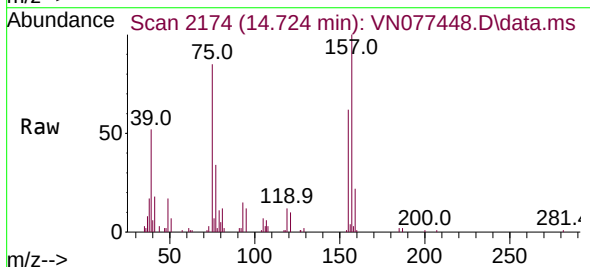
Manual Integrations
APPROVED

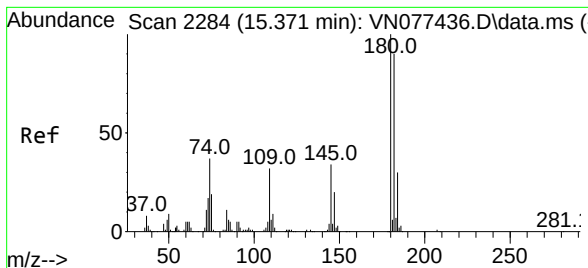
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.905 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

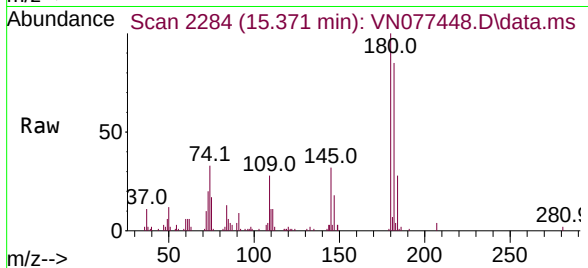
Tgt Ion: 75 Resp: 33331
Ion Ratio Lower Upper
75 100
155 82.9 39.1 117.2
157 107.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.850 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

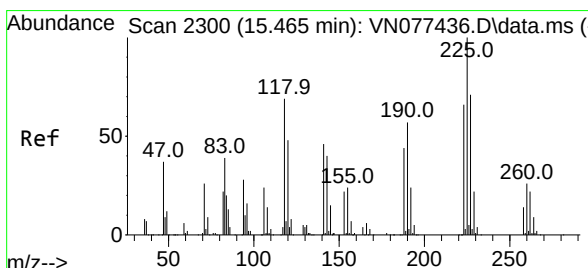
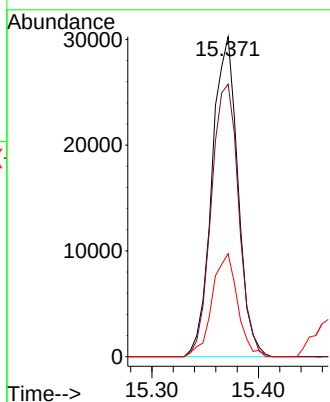
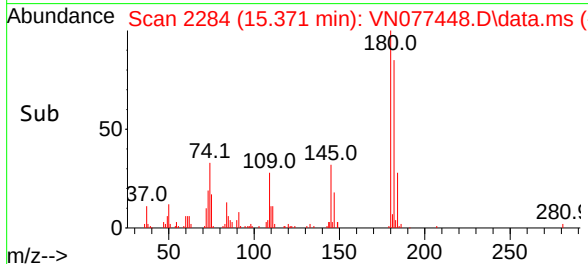
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



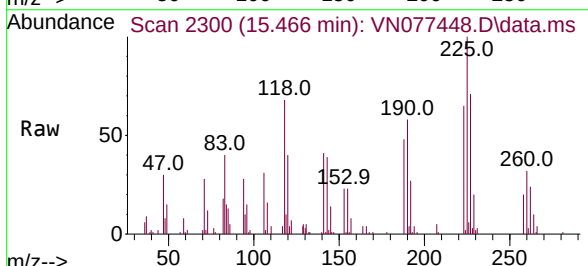
Tgt Ion:180 Resp: 50898
Ion Ratio Lower Upper
180 100
182 89.9 46.1 138.2
145 31.7 16.6 49.8

Manual Integrations
APPROVED

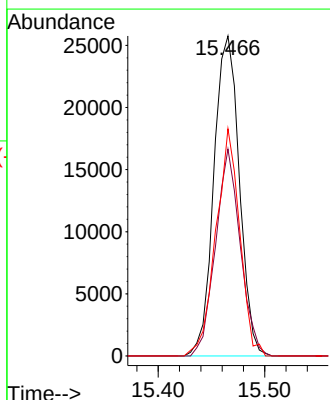
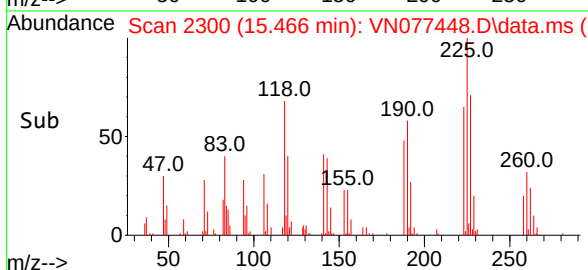
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

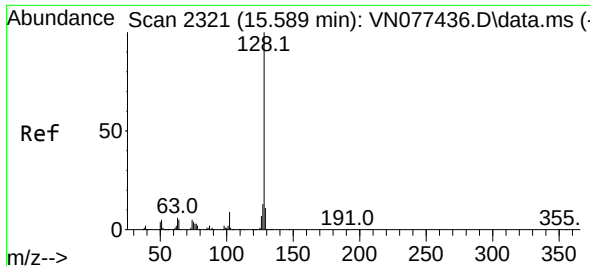


#94
Hexachlorobutadiene
Concen: 16.197 ug/l
RT: 15.466 min Scan# 2300
Delta R.T. 0.001 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



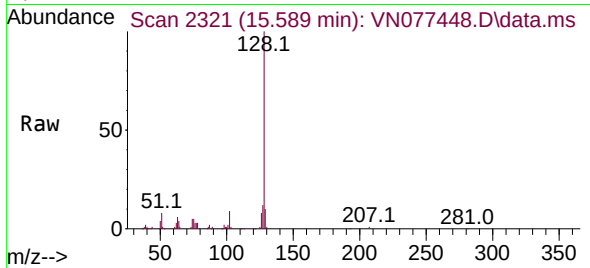
Tgt Ion:225 Resp: 42695
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.8
227 66.4 31.9 95.9





#95
Naphthalene
Concen: 17.164 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16

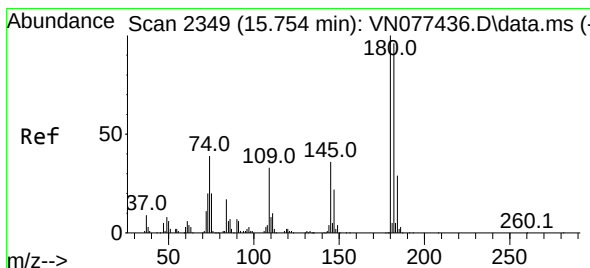
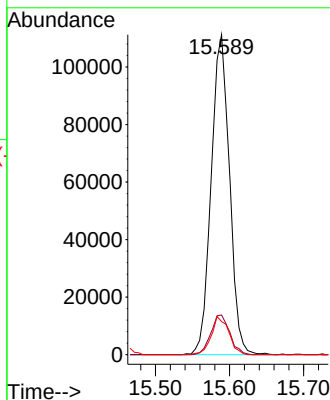
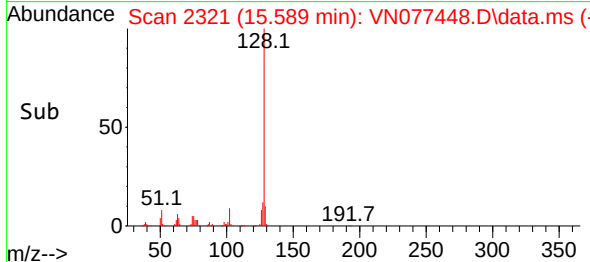
Instrument :
MSVOA_N
ClientSampleId :
VN0424WBSD01



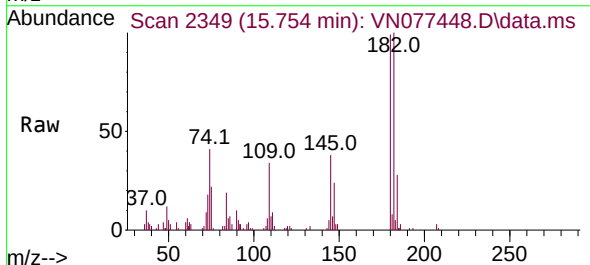
Tgt Ion:128 Resp: 190870
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.883 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077448.D
Acq: 25 Apr 2023 05:16



Tgt Ion:180 Resp: 47968
Ion Ratio Lower Upper
180 100
182 92.8 46.2 138.6
145 35.0 17.5 52.6

