

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077254.D
 Acq On : 05 Apr 2023 10:51
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 06 09:21:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	519434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	988803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	821022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	294636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	8689	1.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.440%#
35) Dibromofluoromethane	8.166	113	7471	1.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.360%#
50) Toluene-d8	10.572	98	24170	0.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.900%#
62) 4-Bromofluorobenzene	12.848	95	9740	1.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.300%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.131	85	6574	0.992	ug/l	97
3) Chloromethane	2.372	50	9601	1.169	ug/l #	83
4) Vinyl Chloride	2.525	62	10244	0.920	ug/l	91
5) Bromomethane	2.978	94	11202	1.387	ug/l #	73
6) Chloroethane	3.125	64	9689	1.219	ug/l	91
7) Trichlorofluoromethane	3.507	101	9103	0.942	ug/l	98
8) Diethyl Ether	3.972	74	4169	1.030	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	6398	1.082	ug/l #	89
10) Methyl Iodide	4.601	142	6197	0.862	ug/l #	71
11) Tert butyl alcohol	5.548	59	3567	2.462	ug/l	97
12) 1,1-Dichloroethene	4.354	96	6576	1.081	ug/l #	83
13) Acrolein	4.190	56	7335	5.346	ug/l	100
14) Allyl chloride	5.037	41	11752	1.279	ug/l #	53
15) Acrylonitrile	5.743	53	15846	4.948	ug/l	96
16) Acetone	4.454	43	15411	5.888	ug/l #	84
17) Carbon Disulfide	4.725	76	14532	0.886	ug/l #	91
18) Methyl Acetate	5.048	43	9396	0.943	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	21186	0.981	ug/l #	75
20) Methylene Chloride	5.295	84	8642	1.169	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	6482	0.973	ug/l #	62
22) Diisopropyl ether	6.684	45	17549	0.952	ug/l #	80
23) Vinyl Acetate	6.613	43	52888	4.245	ug/l	94
24) 1,1-Dichloroethane	6.584	63	11563	0.972	ug/l	98
25) 2-Butanone	7.501	43	22371	5.266	ug/l #	88
27) cis-1,2-Dichloroethene	7.495	96	8614	1.059	ug/l	91
28) Bromochloromethane	7.819	49	5333	1.114	ug/l #	92
29) Tetrahydrofuran	7.848	42	13062	4.783	ug/l	95
30) Chloroform	7.972	83	12391	0.977	ug/l	84
31) Cyclohexane	8.236	56	22658	2.054	ug/l #	19
32) 1,1,1-Trichloroethane	8.184	97	11871	1.029	ug/l #	47
36) 1,1-Dichloropropene	8.378	75	8964	0.957	ug/l	93
37) Ethyl Acetate	7.578	43	7839	0.936	ug/l #	86
38) Carbon Tetrachloride	8.372	117	8851	0.923	ug/l #	77
39) Methylcyclohexane	9.613	83	12257	0.971	ug/l	94
40) Benzene	8.613	78	27978	0.958	ug/l #	90
41) Methacrylonitrile	7.789	41	4678	1.039	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.678	62	8494	0.945	ug/l #	72
43) Isopropyl Acetate	8.695	43	15690	1.015	ug/l #	64
44) Trichloroethene	9.366	130	6439	0.922	ug/l	87
45) 1,2-Dichloropropane	9.625	63	5736	0.827	ug/l #	66
46) Dibromomethane	9.713	93	5091	0.974	ug/l	94
47) Bromodichloromethane	9.889	83	10752	1.029	ug/l	97
48) Methyl methacrylate	9.689	41	6253	0.948	ug/l #	78
49) 1,4-Dioxane	9.707	88	3014	18.854	ug/l #	72
51) 4-Methyl-2-Pentanone	10.448	43	39514	4.423	ug/l	98
52) Toluene	10.636	92	17247	0.902	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	9705	0.856	ug/l	89
54) cis-1,3-Dichloropropene	10.313	75	10647	0.881	ug/l #	79
55) 1,1,2-Trichloroethane	11.013	97	7326	0.976	ug/l	91
56) Ethyl methacrylate	10.878	69	10449	0.894	ug/l #	83
57) 1,3-Dichloropropane	11.166	76	11886	0.959	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.166	63	16578	4.765	ug/l	97
59) 2-Hexanone	11.201	43	30809	4.629	ug/l	96
60) Dibromochloromethane	11.366	129	6980	0.903	ug/l	95
61) 1,2-Dibromoethane	11.472	107	7047	0.941	ug/l	88
64) Tetrachloroethene	11.107	164	4649	0.917	ug/l	94
65) Chlorobenzene	11.895	112	15609	0.864	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.966	131	7262	1.062	ug/l #	60
67) Ethyl Benzene	11.966	91	30571	0.917	ug/l	95
68) m/p-Xylenes	12.083	106	23958	1.828	ug/l	88
69) o-Xylene	12.401	106	11412	0.883	ug/l	82
70) Styrene	12.419	104	17874	0.859	ug/l	97
71) Bromoform	12.583	173	4096	0.851	ug/l #	81
73) Isopropylbenzene	12.701	105	28743	1.004	ug/l	95
74) N-amyl acetate	12.495	43	12061	1.112	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.936	83	9218	1.026	ug/l	82
76) 1,2,3-Trichloropropane	12.995	75	11610	1.655	ug/l	61
77) Bromobenzene	12.983	156	5588	0.960	ug/l	88
78) n-propylbenzene	13.042	91	31812	1.006	ug/l	97
79) 2-Chlorotoluene	13.130	91	19012	0.999	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	20557	0.899	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.748	75	3312	1.062	ug/l	91
82) 4-Chlorotoluene	13.224	91	17588	0.980	ug/l	93
83) tert-Butylbenzene	13.442	119	20079	0.987	ug/l	96
84) 1,2,4-Trimethylbenzene	13.489	105	20696	0.917	ug/l	96
85) sec-Butylbenzene	13.624	105	26362	0.930	ug/l	99
86) p-Isopropyltoluene	13.736	119	19320	0.867	ug/l	97
87) 1,3-Dichlorobenzene	13.742	146	9728	0.904	ug/l	92
88) 1,4-Dichlorobenzene	13.742	146	9728	0.916	ug/l	90
89) n-Butylbenzene	14.066	91	17037	0.921	ug/l	97
90) Hexachloroethane	14.342	117	4867	0.999	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	10310	0.957	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.724	75	1817	1.068	ug/l	84
93) 1,2,4-Trichlorobenzene	15.365	180	2981	0.767	ug/l	95
94) Hexachlorobutadiene	15.471	225	2494	1.108	ug/l	91
95) Naphthalene	15.589	128	9475	0.649	ug/l	97
96) 1,2,3-Trichlorobenzene	15.754	180	2796	0.752	ug/l	93

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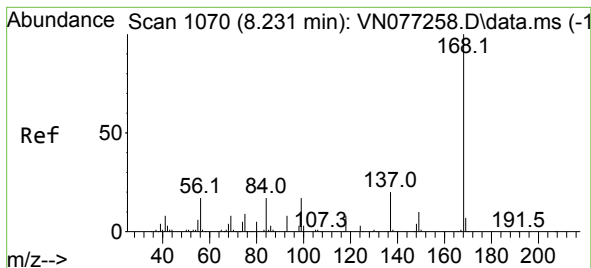
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 10

Delta R.T. 0.005 min

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ClientSampleId :

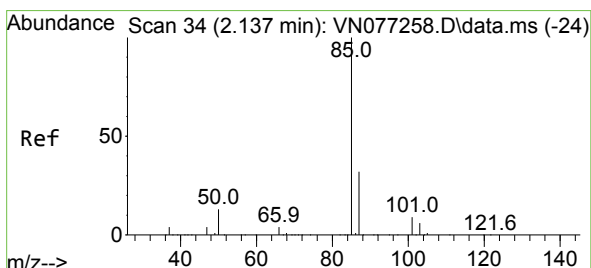
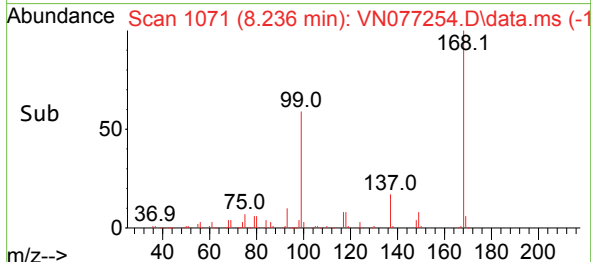
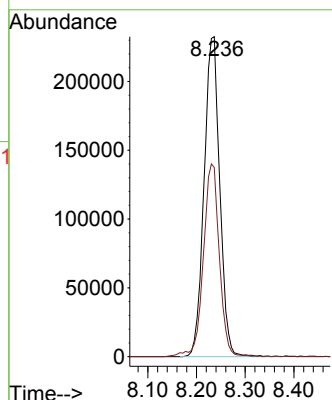
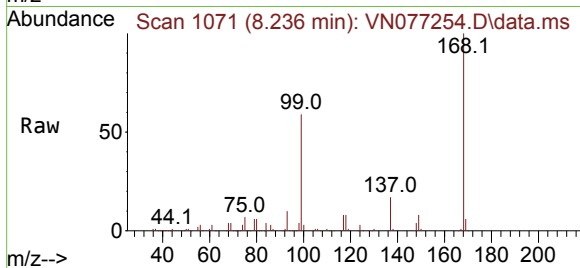
VSTDICC001

Tgt Ion:168 Resp: 519434

Ion Ratio Lower Upper

168 100

99 59.0 50.6 75.8



#2

Dichlorodifluoromethane

Concen: 0.992 ug/l

RT: 2.131 min Scan# 33

Delta R.T. -0.006 min

Lab File: VN077254.D

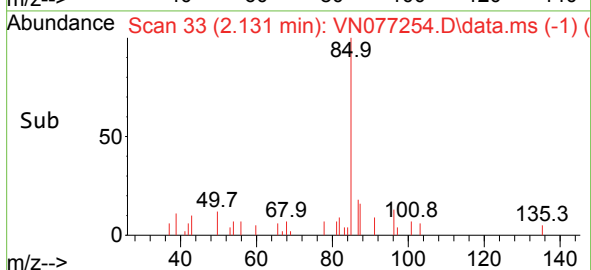
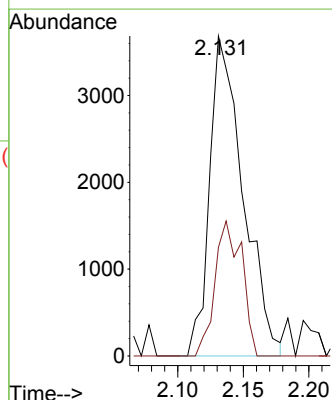
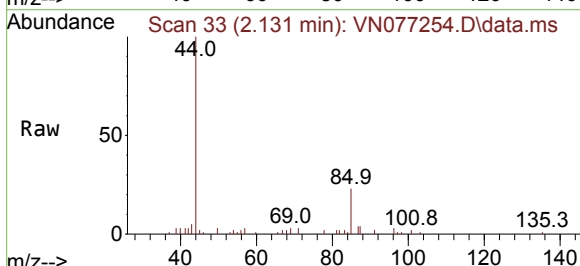
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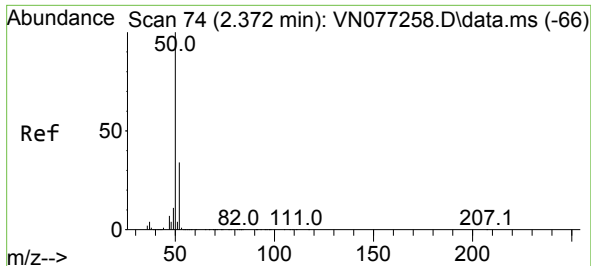
Tgt Ion: 85 Resp: 6574

Ion Ratio Lower Upper

85 100

87 34.0 16.1 48.2

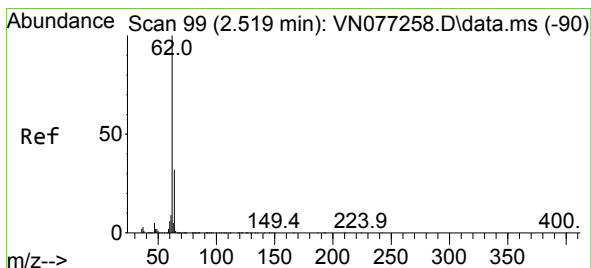
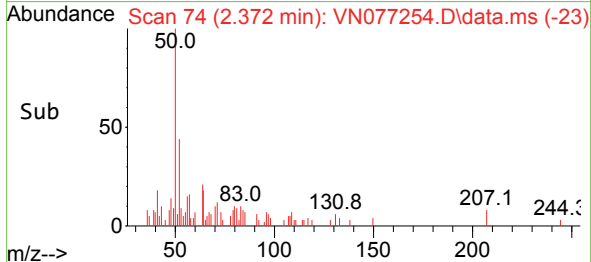
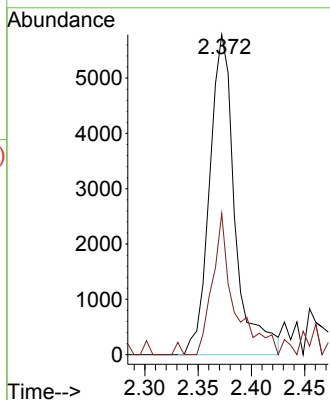
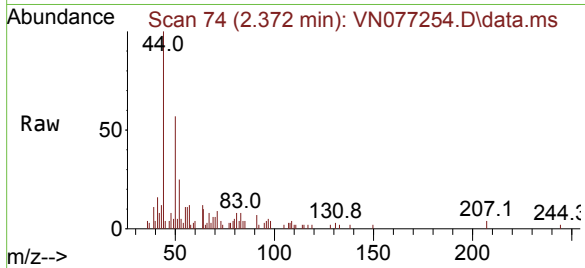




#3
Chloromethane
Concen: 1.169 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

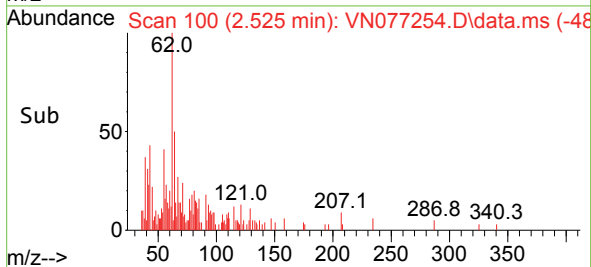
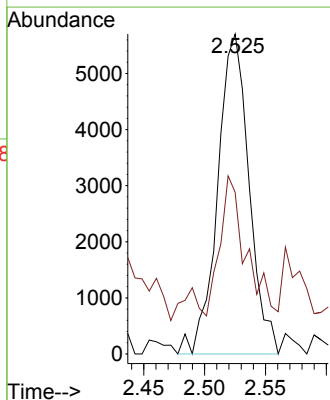
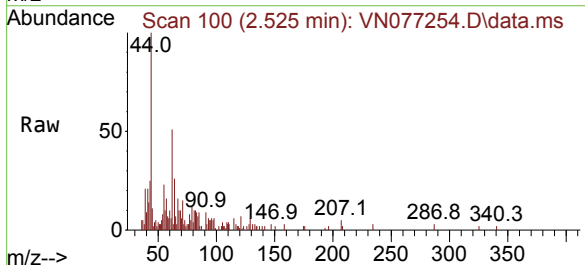
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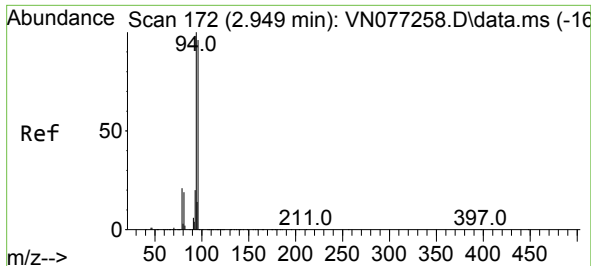
Tgt Ion: 50 Resp: 9601
Ion Ratio Lower Upper
50 100
52 44.1 27.3 40.9#



#4
Vinyl Chloride
Concen: 0.920 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 62 Resp: 10244
Ion Ratio Lower Upper
62 100
64 37.3 25.8 38.8

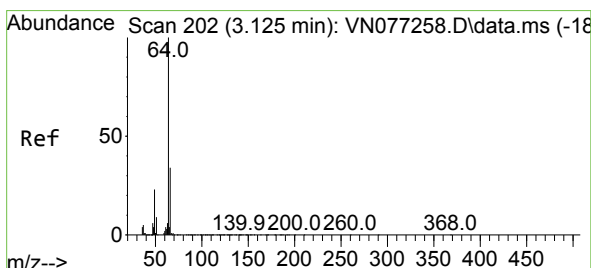
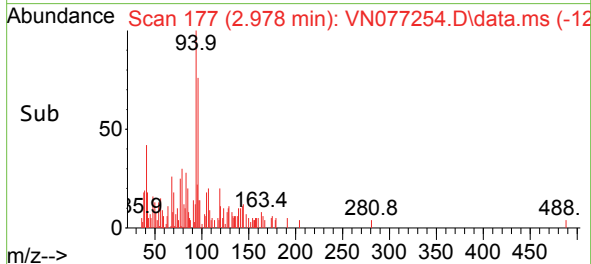
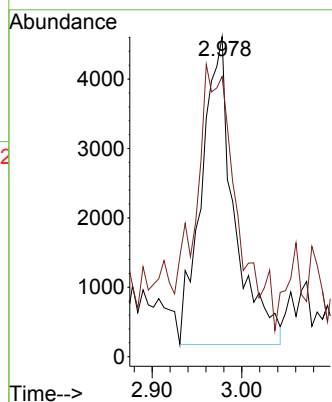
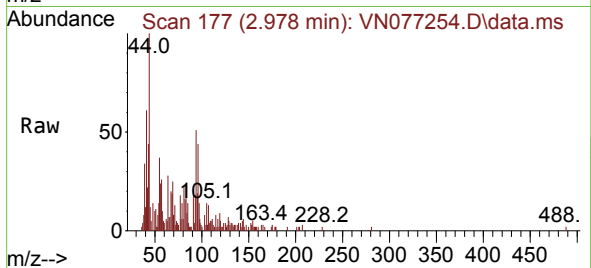




#5
Bromomethane
Concen: 1.387 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

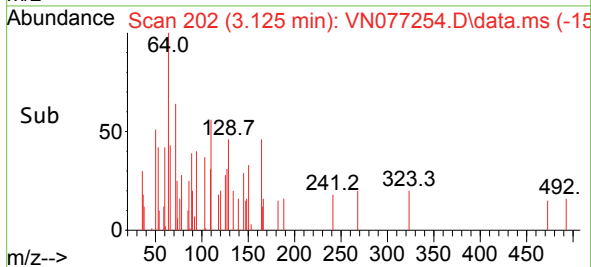
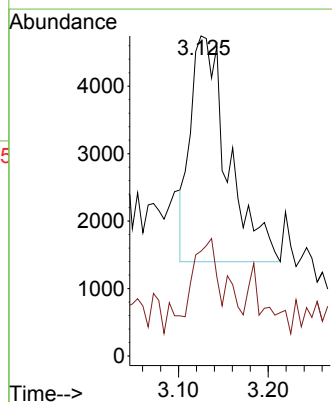
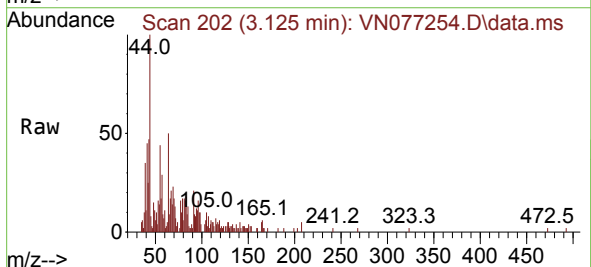
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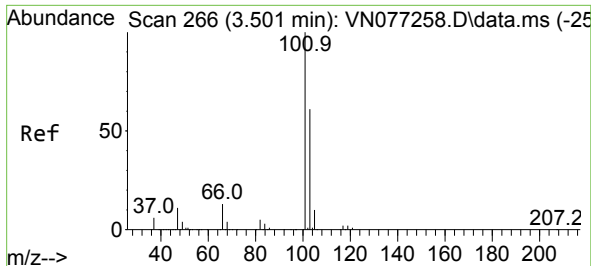
Tgt Ion: 94 Resp: 11202
Ion Ratio Lower Upper
94 100
96 70.1 77.0 115.4#



#6
Chloroethane
Concen: 1.219 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 64 Resp: 9689
Ion Ratio Lower Upper
64 100
66 28.7 26.9 40.3

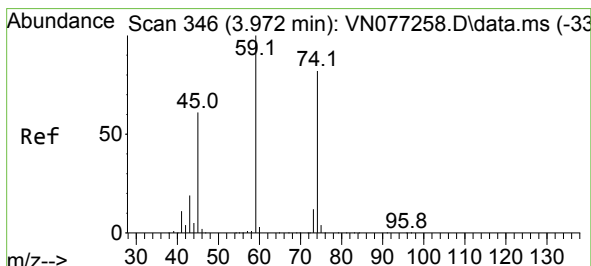
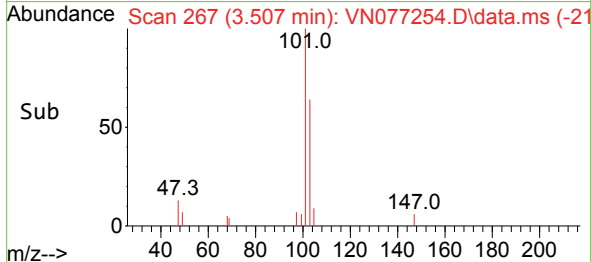
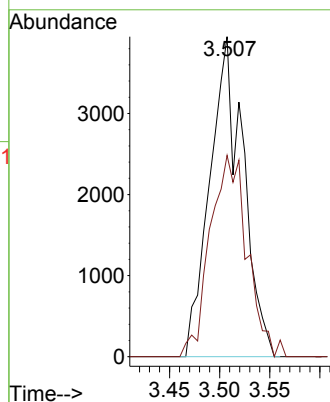
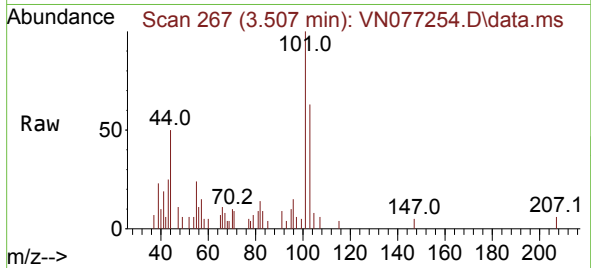




#7
Trichlorofluoromethane
Concen: 0.942 ug/l
RT: 3.507 min Scan# 207
Delta R.T. 0.006 min
Lab File: VN077254.D
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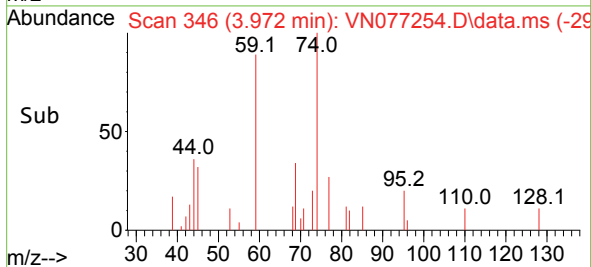
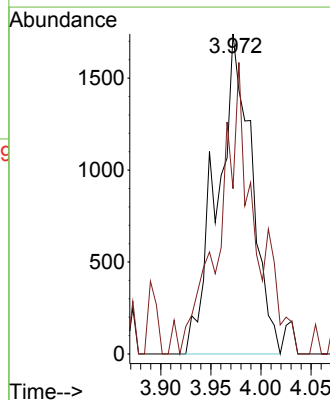
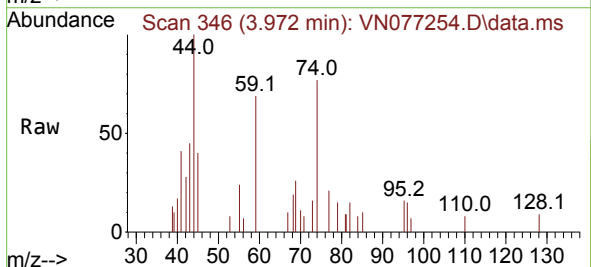
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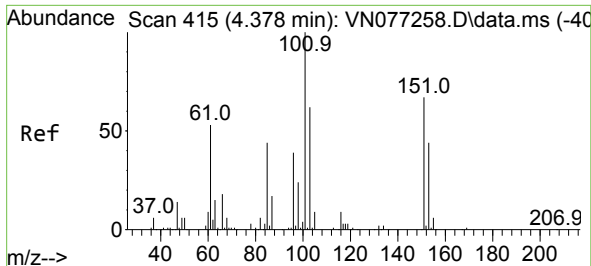
Tgt Ion:101 Resp: 9103
Ion Ratio Lower Upper
101 100
103 62.9 49.0 73.4



#8
Diethyl Ether
Concen: 1.030 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
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Acq: 05 Apr 2023 10:51

Tgt Ion: 74 Resp: 4169
Ion Ratio Lower Upper
74 100
45 79.1 37.8 113.4

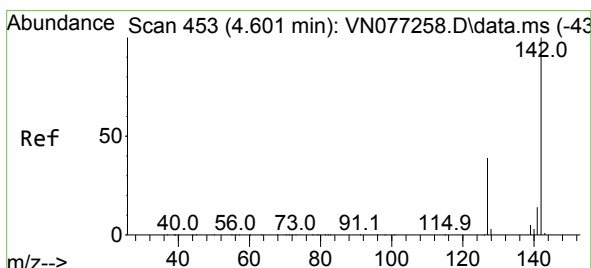
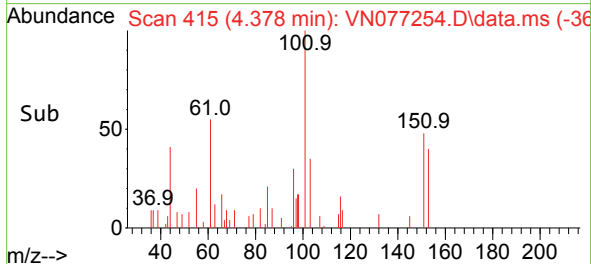
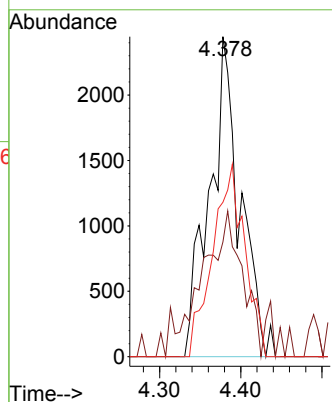
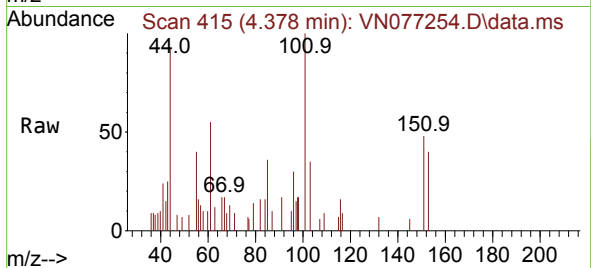




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.082 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
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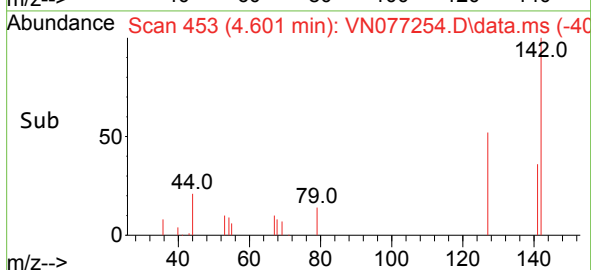
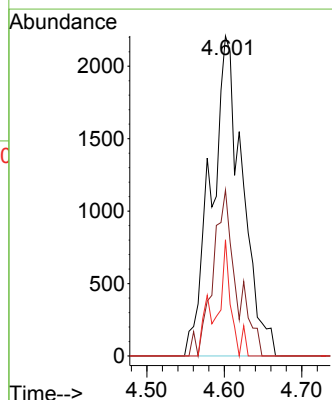
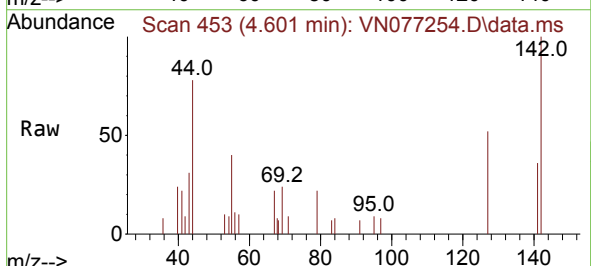
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

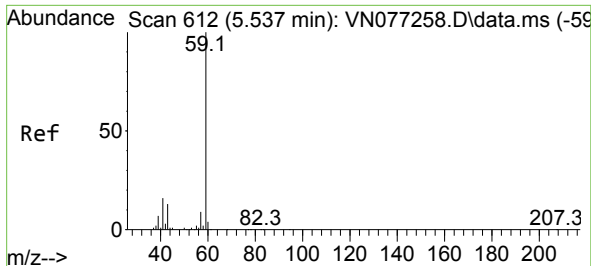
Tgt Ion:101 Resp: 6398
Ion Ratio Lower Upper
101 100
85 56.4 37.3 55.9#
151 63.3 56.3 84.5



#10
Methyl Iodide
Concen: 0.862 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion:142 Resp: 6197
Ion Ratio Lower Upper
142 100
127 51.9 31.5 47.3#
141 36.3 11.4 17.2#

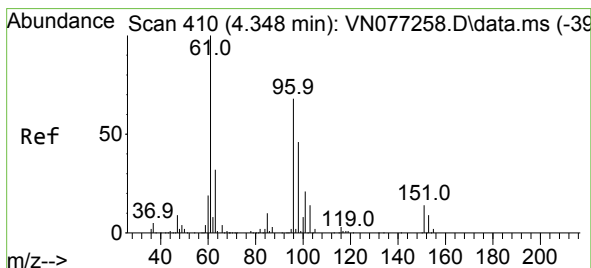
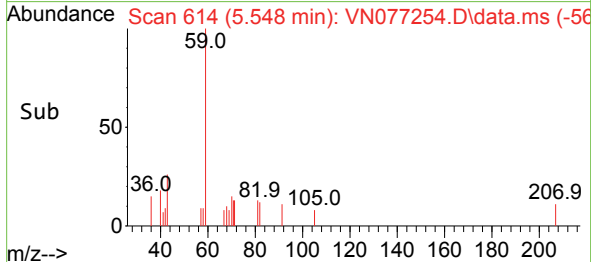
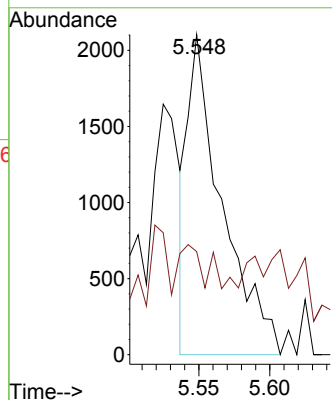
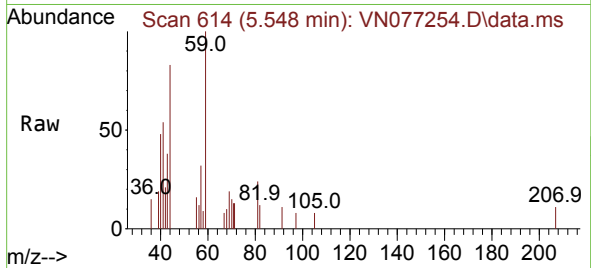




#11
Tert butyl alcohol
Concen: 2.462 ug/l
RT: 5.548 min Scan# 612
Delta R.T. 0.011 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

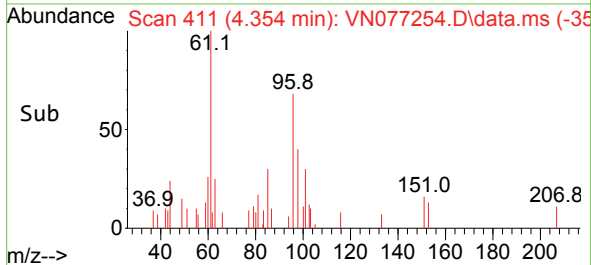
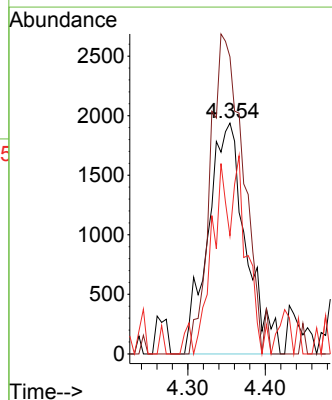
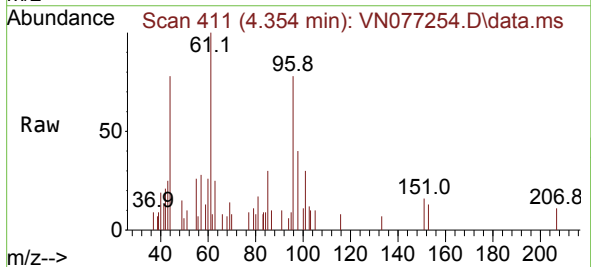
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

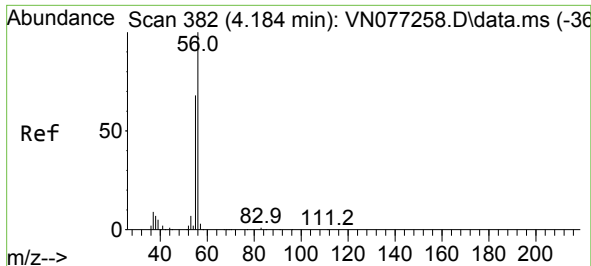
Tgt Ion: 59 Resp: 3567
Ion Ratio Lower Upper
59 100
57 9.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 1.081 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 96 Resp: 6576
Ion Ratio Lower Upper
96 100
61 128.7 118.3 177.5
98 51.2 54.5 81.7#

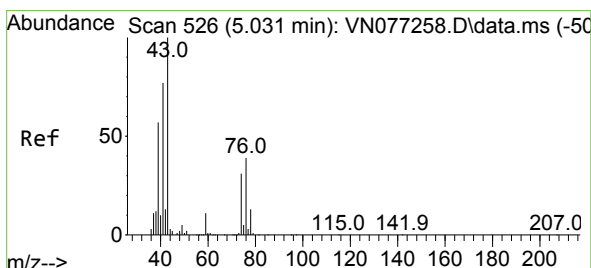
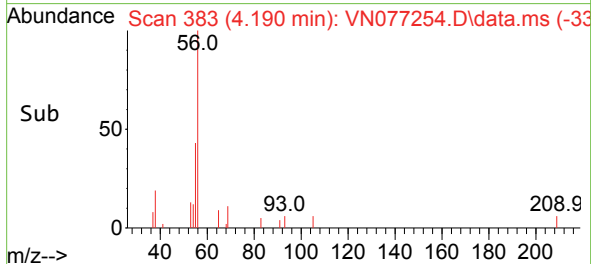
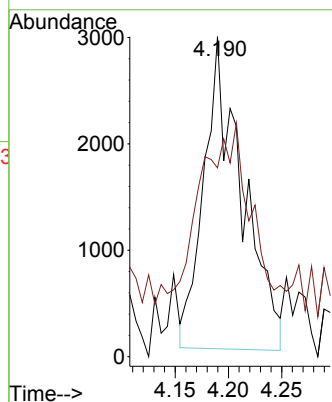
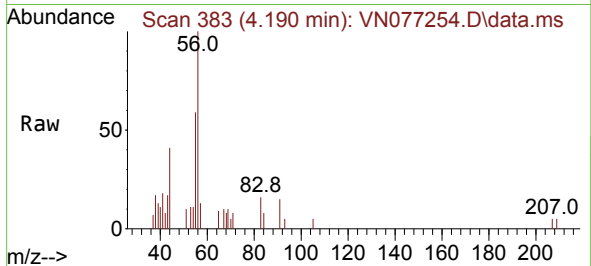




#13
Acrolein
Concen: 5.346 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

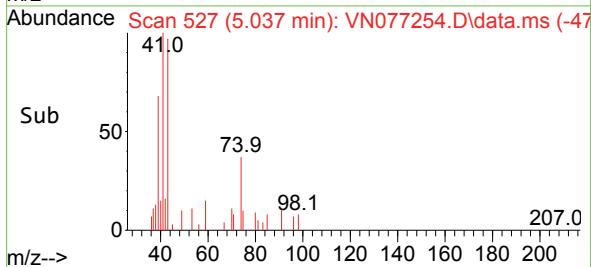
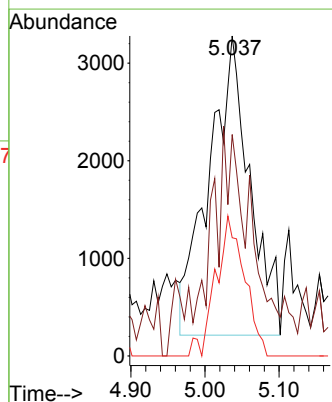
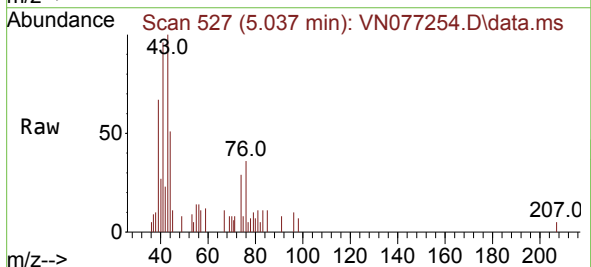
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

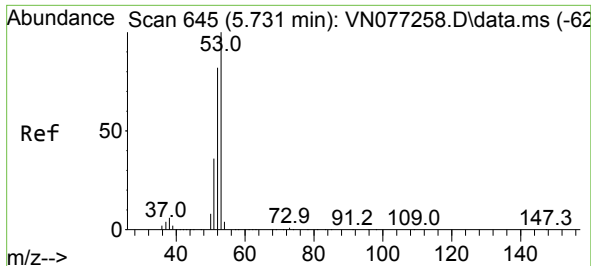
Tgt Ion: 56 Resp: 7335
Ion Ratio Lower Upper
56 100
55 67.6 54.2 81.2



#14
Allyl chloride
Concen: 1.279 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 41 Resp: 11752
Ion Ratio Lower Upper
41 100
39 15.5 55.0 82.4#
76 33.0 35.4 53.2#

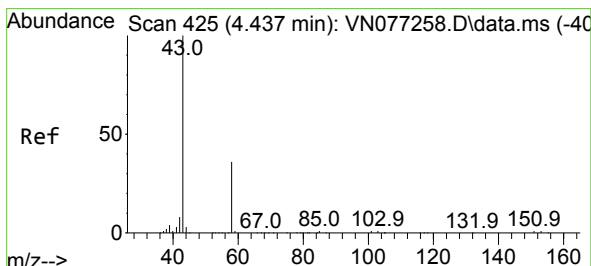
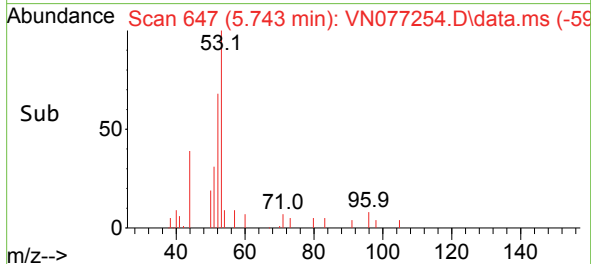
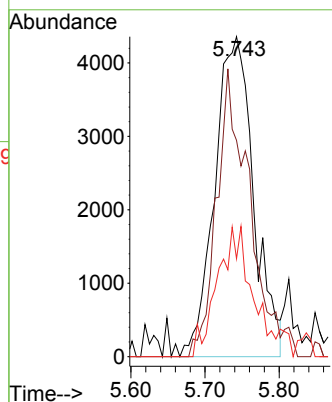
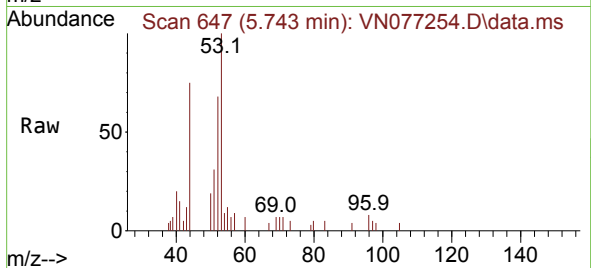




#15
Acrylonitrile
Concen: 4.948 ug/l
RT: 5.743 min Scan# 645
Delta R.T. 0.012 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

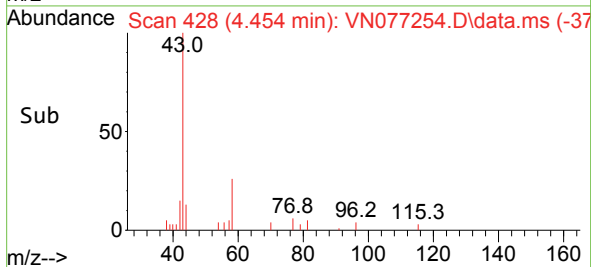
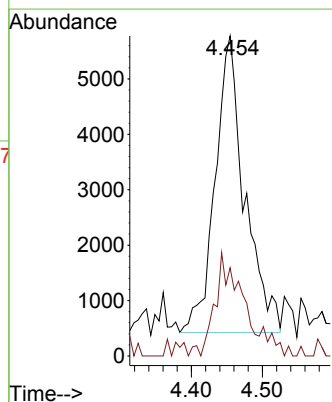
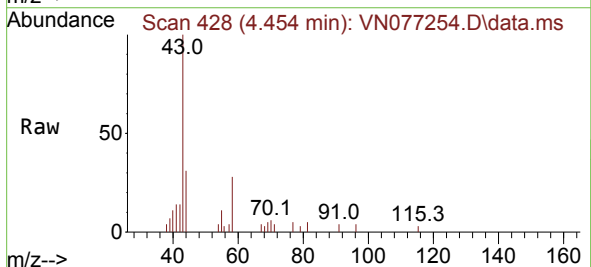
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

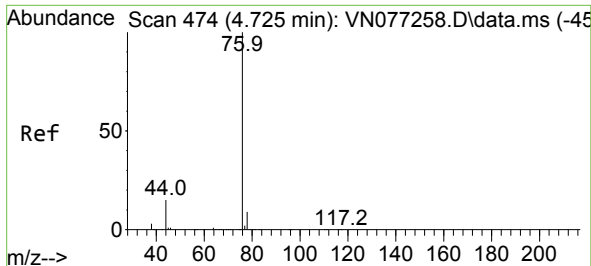
Tgt Ion: 53 Resp: 15846
Ion Ratio Lower Upper
53 100
52 76.8 65.2 97.8
51 35.9 28.1 42.1



#16
Acetone
Concen: 5.888 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 43 Resp: 15411
Ion Ratio Lower Upper
43 100
58 26.8 29.0 43.6#

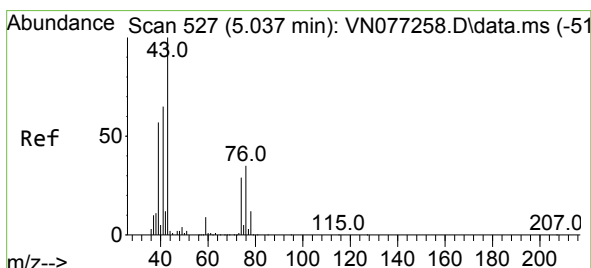
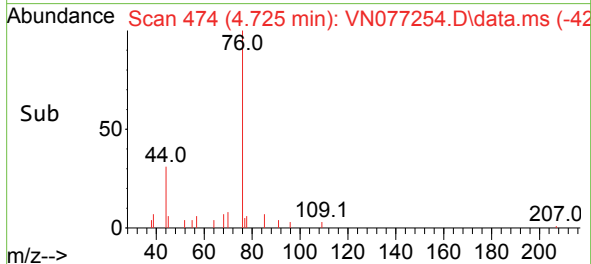
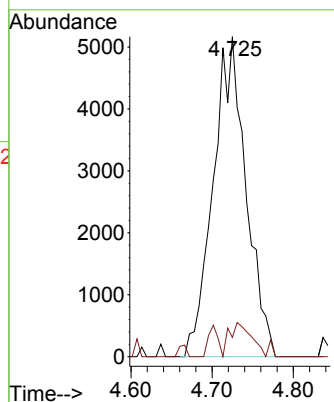
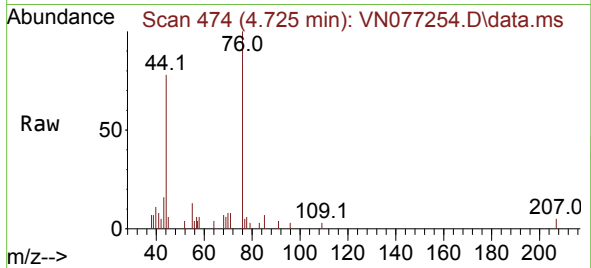




#17
Carbon Disulfide
Concen: 0.886 ug/l
RT: 4.725 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

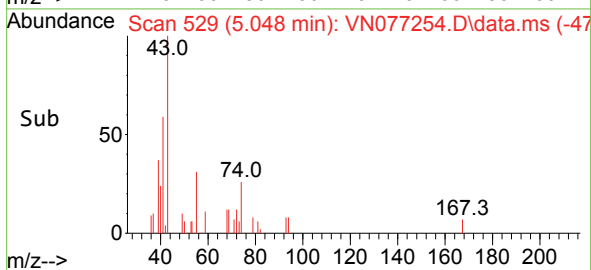
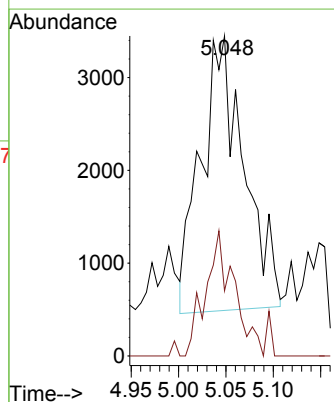
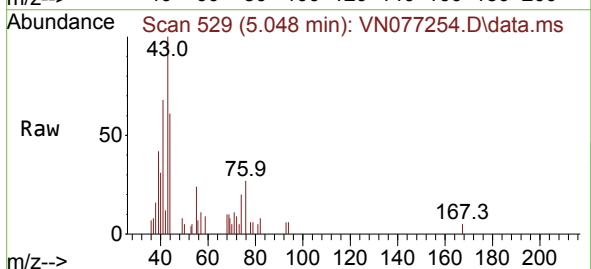
Instrument :
MSVOA_N
ClientSampleId :
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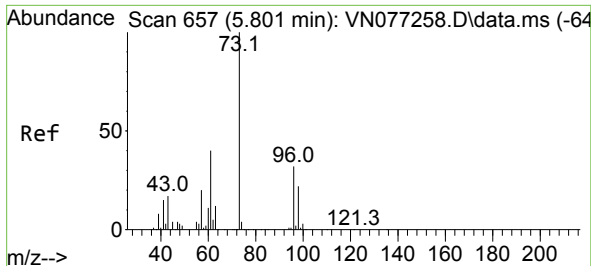
Tgt Ion: 76 Resp: 14532
Ion Ratio Lower Upper
76 100
78 6.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.943 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 43 Resp: 9396
Ion Ratio Lower Upper
43 100
74 30.1 23.4 35.2

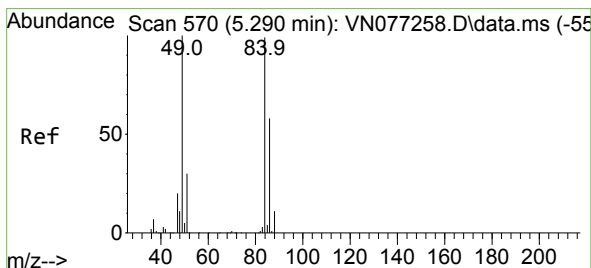
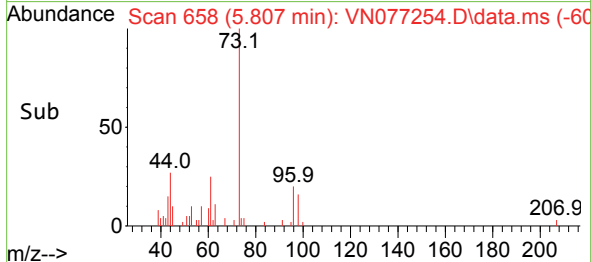
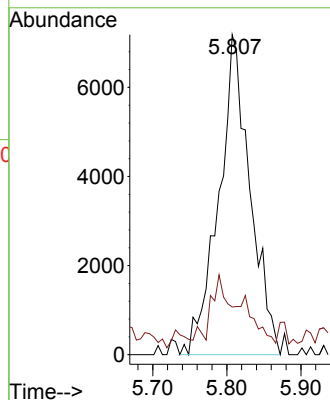
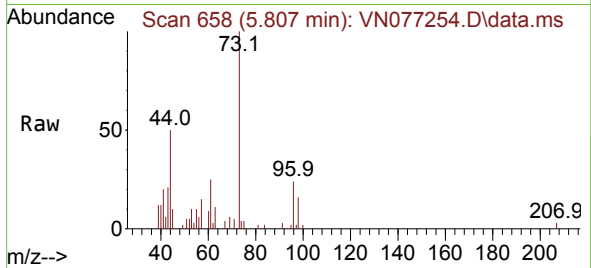




#19
Methyl tert-butyl Ether
Concen: 0.981 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

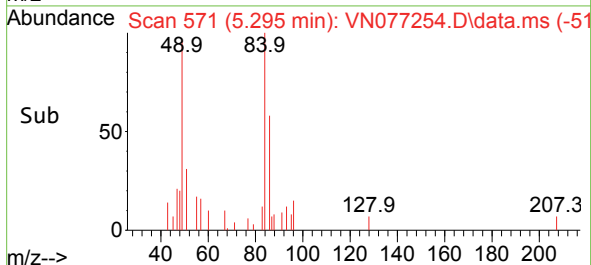
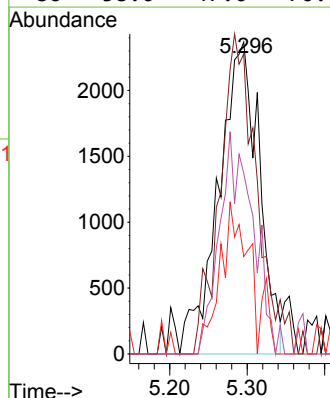
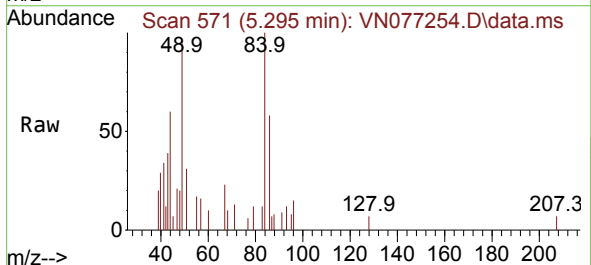
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

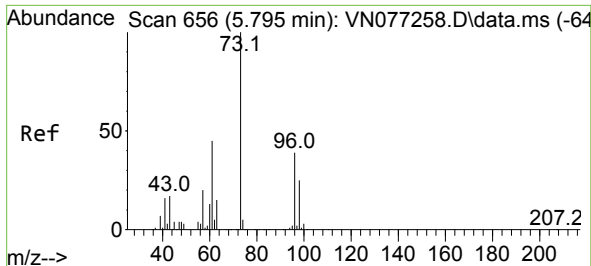
Tgt Ion: 73 Resp: 21186
Ion Ratio Lower Upper
73 100
57 8.7 16.2 24.4#



#20
Methylene Chloride
Concen: 1.169 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 84 Resp: 8642
Ion Ratio Lower Upper
84 100
49 96.2 80.6 121.0
51 31.2 24.4 36.6
86 58.0 47.0 70.6

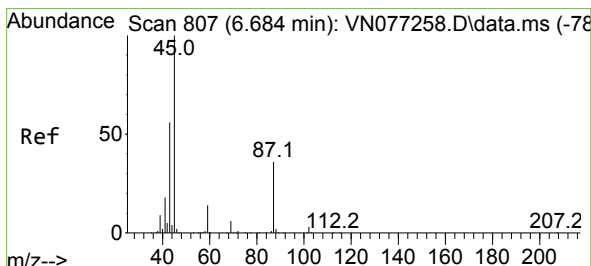
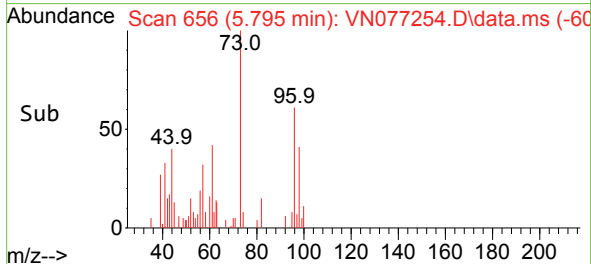
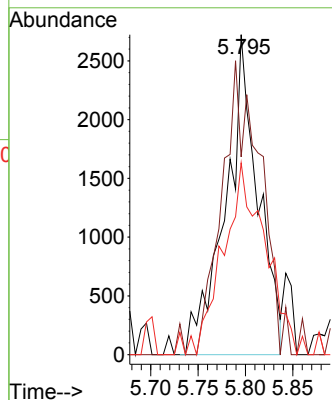
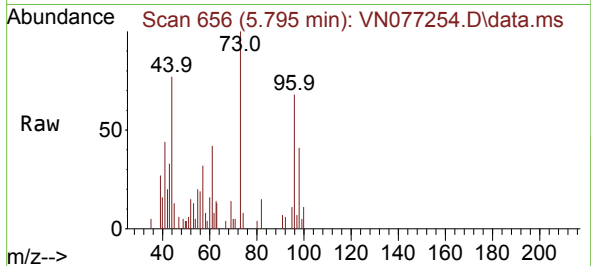




#21
trans-1,2-Dichloroethene
Concen: 0.973 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

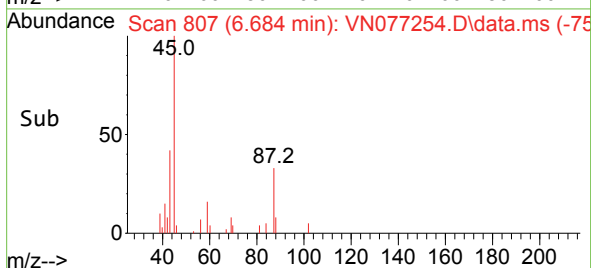
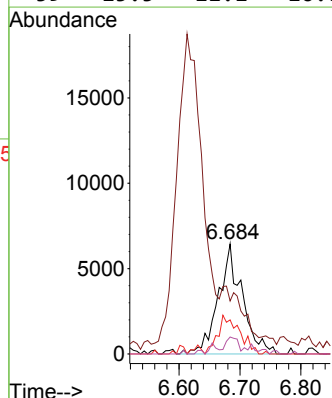
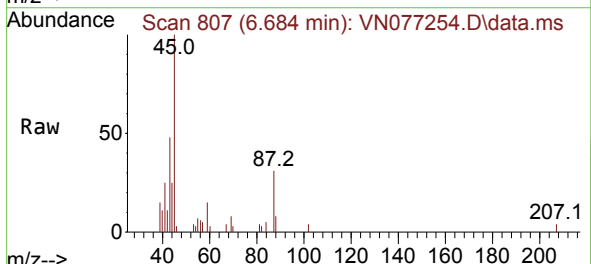
Instrument :
MSVOA_N
ClientSampleId :
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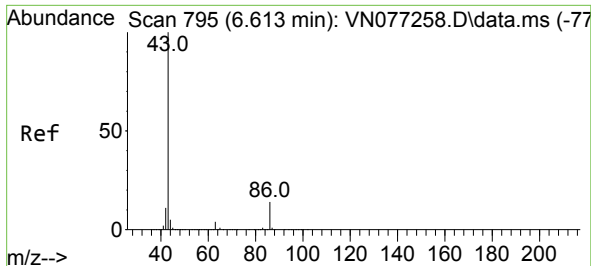
Tgt Ion: 96 Resp: 6482
Ion Ratio Lower Upper
96 100
61 61.8 93.8 140.6#
98 53.0 50.9 76.3



#22
Diisopropyl ether
Concen: 0.952 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 45 Resp: 17549
Ion Ratio Lower Upper
45 100
43 32.9 44.6 66.8#
87 31.0 28.4 42.6
59 15.5 11.1 16.7

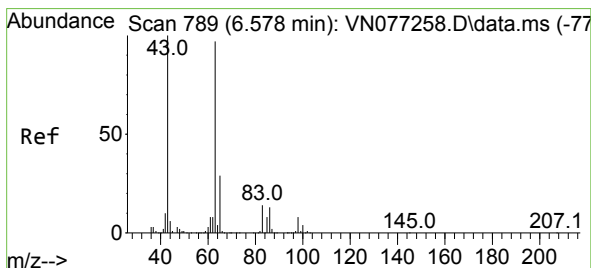
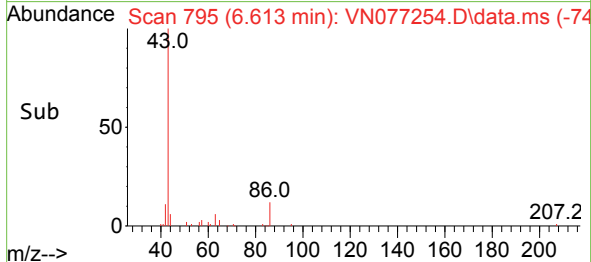
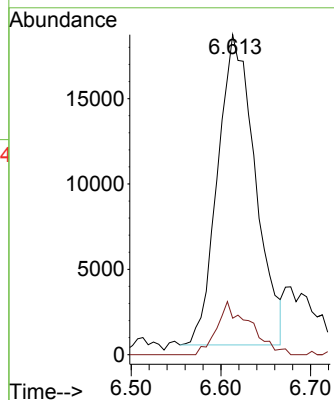
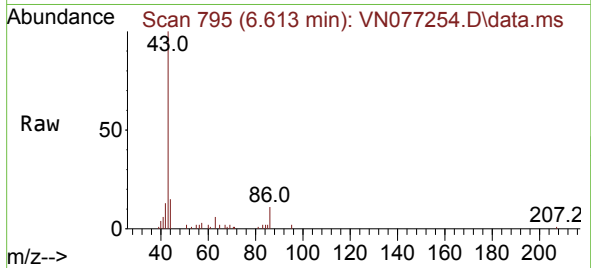




#23
 Vinyl Acetate
 Concen: 4.245 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

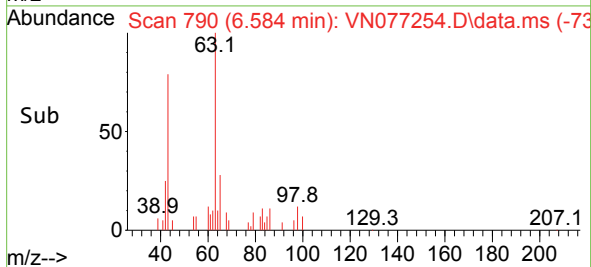
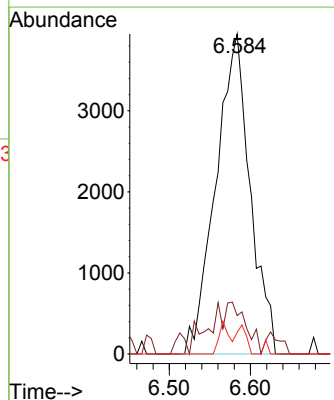
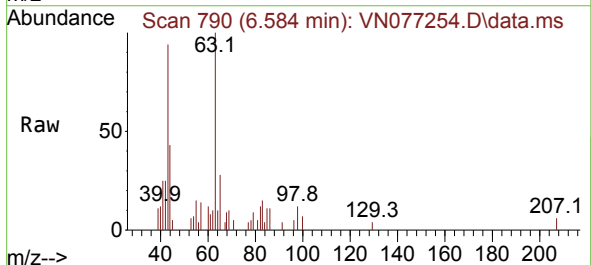
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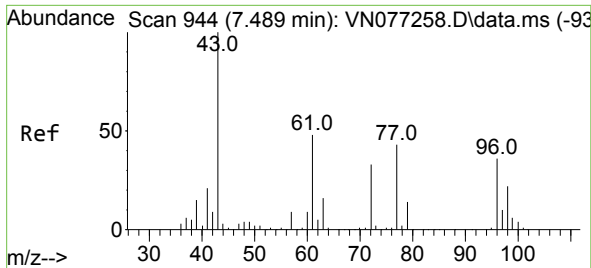
Tgt Ion: 43 Resp: 52888
 Ion Ratio Lower Upper
 43 100
 86 11.8 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 0.972 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

Tgt Ion: 63 Resp: 11563
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 6.8 2.3 6.9

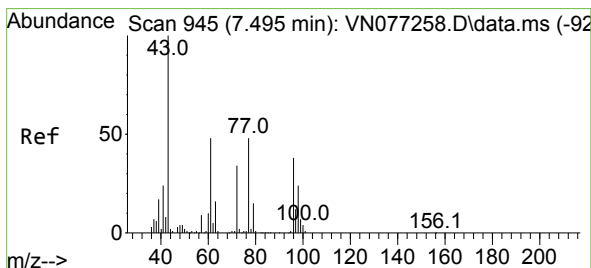
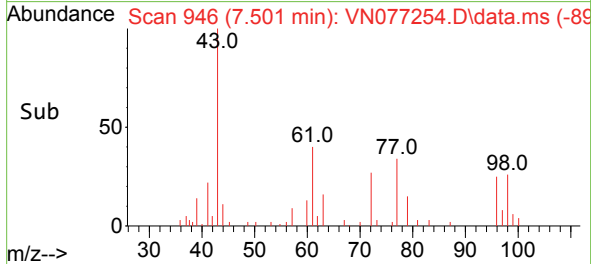
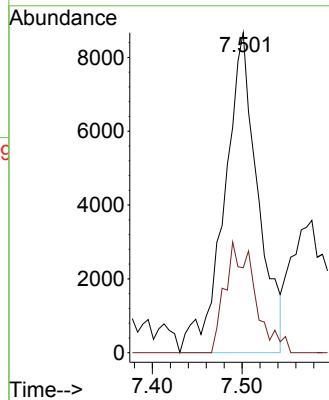
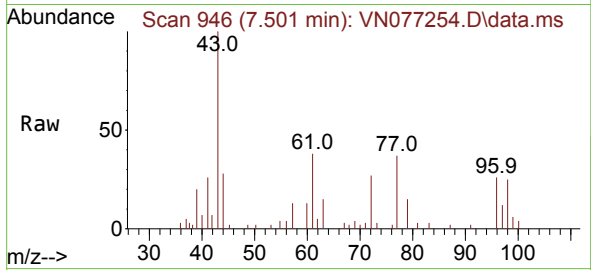




#25
2-Butanone
Concen: 5.266 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

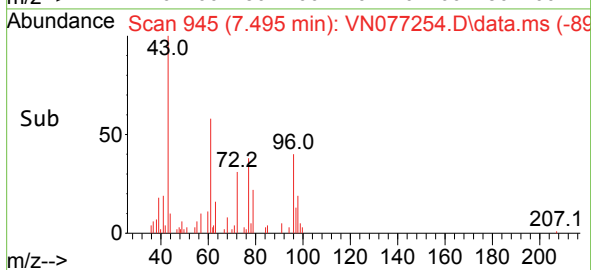
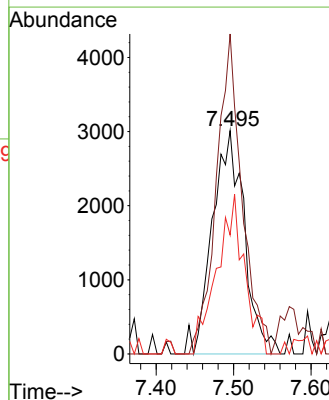
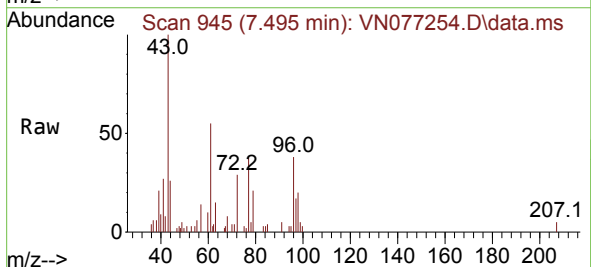
Instrument :
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ClientSampleId :
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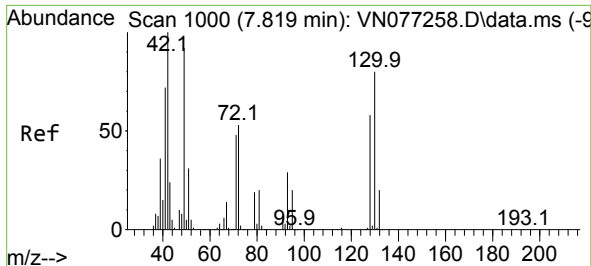
Tgt Ion: 43 Resp: 22371
Ion Ratio Lower Upper
43 100
72 26.5 26.6 39.8#



#27
cis-1,2-Dichloroethene
Concen: 1.059 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 96 Resp: 8614
Ion Ratio Lower Upper
96 100
61 115.6 0.0 261.0
98 62.2 0.0 128.0

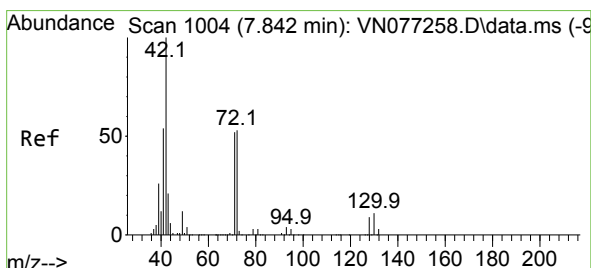
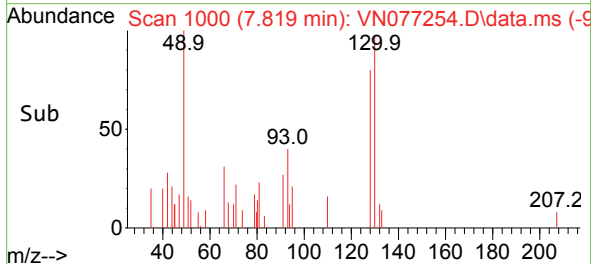
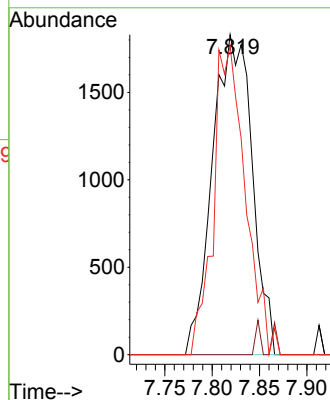
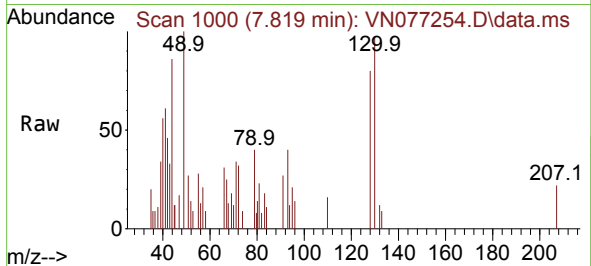




#28
Bromochloromethane
Concen: 1.114 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

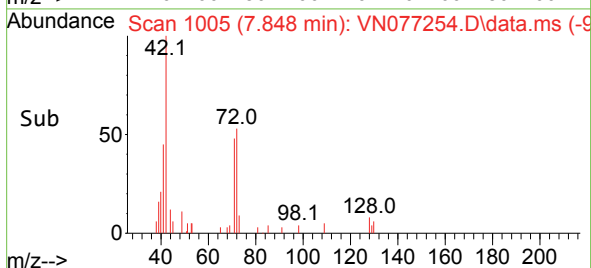
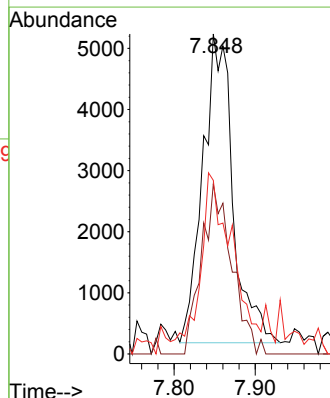
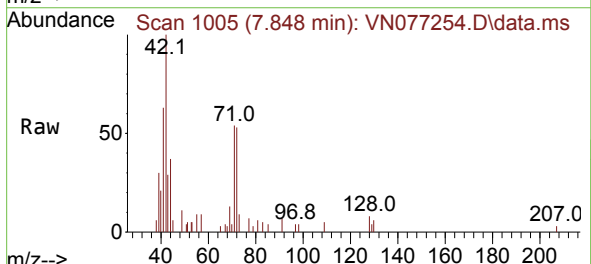
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

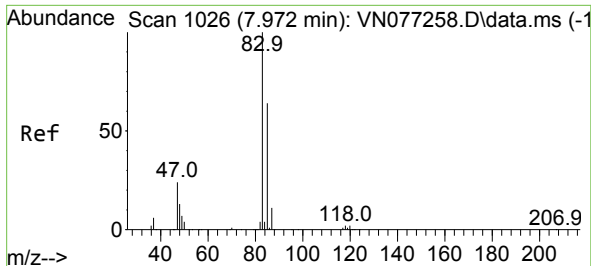
Tgt Ion: 49 Resp: 5333
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 77.7 68.4 102.6



#29
Tetrahydrofuran
Concen: 4.783 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 42 Resp: 13062
Ion Ratio Lower Upper
42 100
72 55.1 44.6 66.8
71 58.9 41.3 61.9

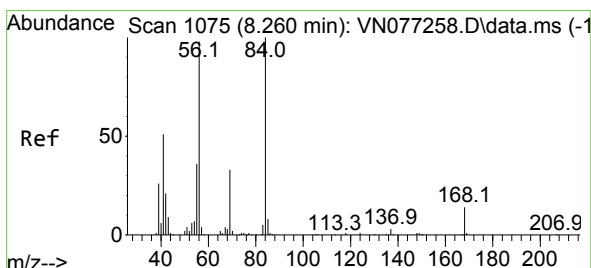
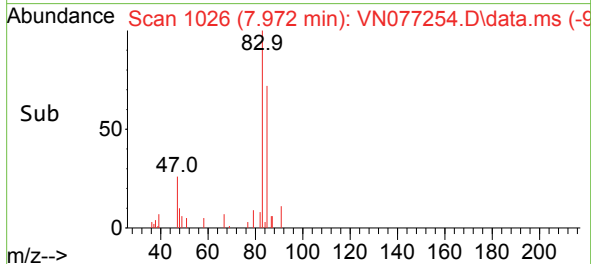
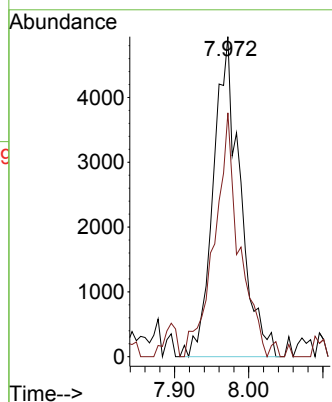
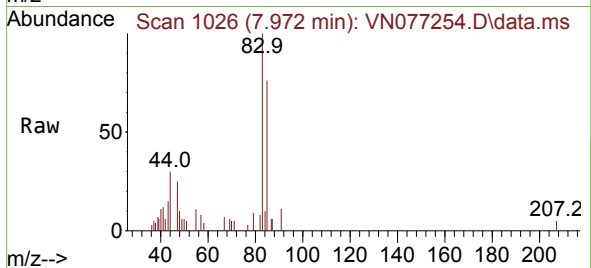




#30
Chloroform
Concen: 0.977 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

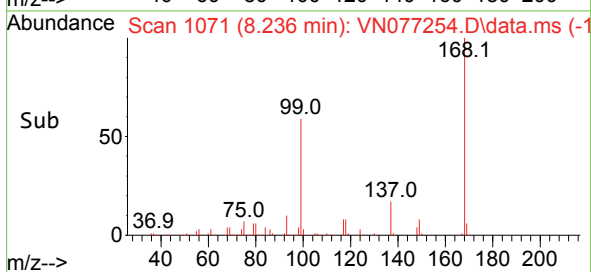
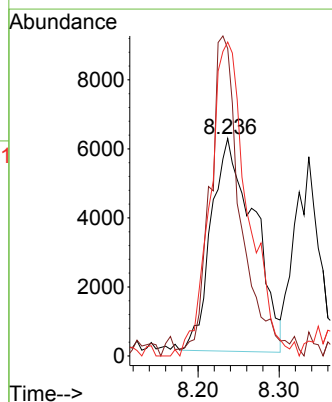
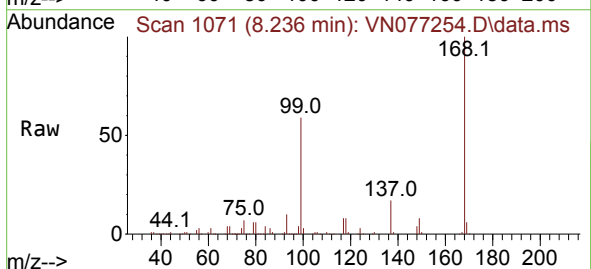
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

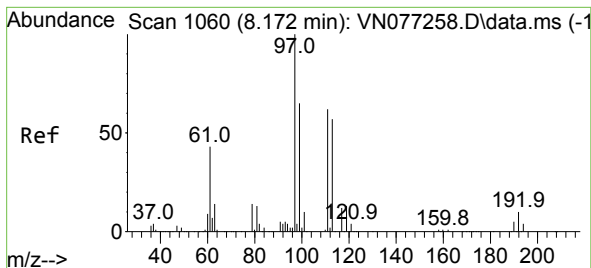
Tgt Ion: 83 Resp: 12391
Ion Ratio Lower Upper
83 100
85 76.2 50.9 76.3



#31
Cyclohexane
Concen: 2.054 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 56 Resp: 22658
Ion Ratio Lower Upper
56 100
69 141.8 26.6 40.0#
84 148.3 81.8 122.8#





#32

1,1,1-Trichloroethane

Concen: 1.029 ug/l

RT: 8.184 min Scan# 110

Delta R.T. 0.012 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

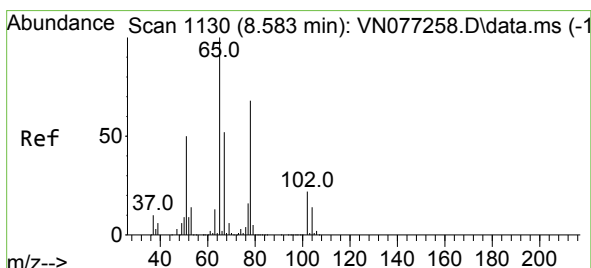
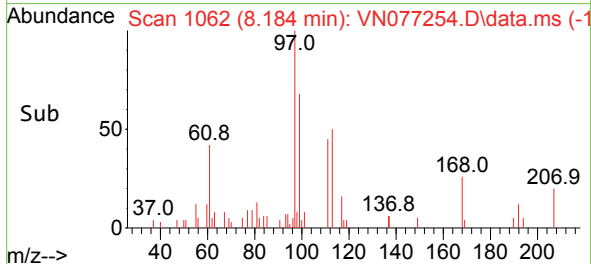
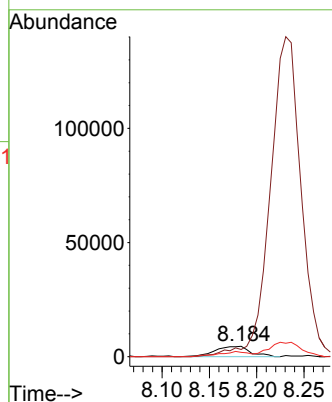
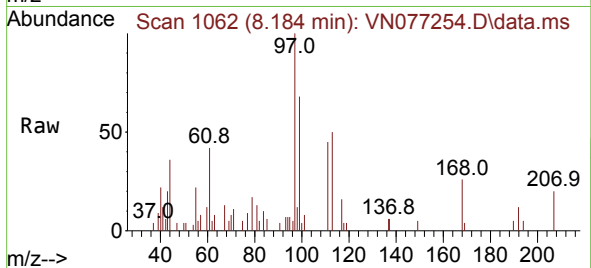
Tgt Ion: 97 Resp: 11871

Ion Ratio Lower Upper

97 100

99 0.0 54.2 81.4#

61 41.1 35.8 53.6



#33

1,2-Dichloroethane-d4

Concen: 1.224 ug/l

RT: 8.578 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VN077254.D

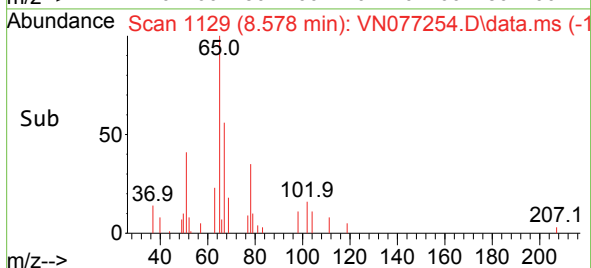
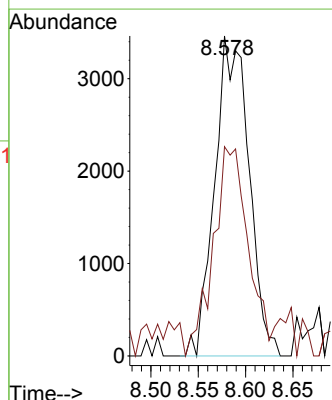
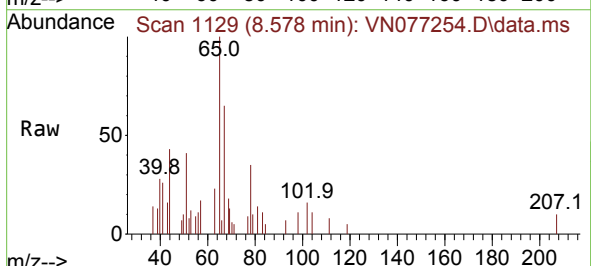
Acq: 05 Apr 2023 10:51

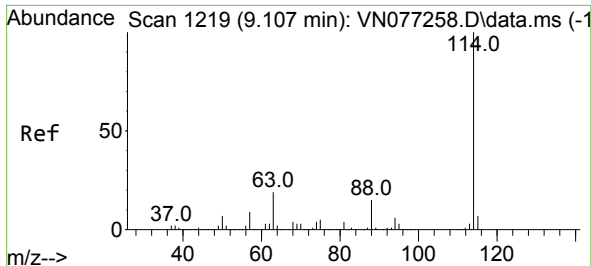
Tgt Ion: 65 Resp: 8689

Ion Ratio Lower Upper

65 100

67 66.8 0.0 108.8

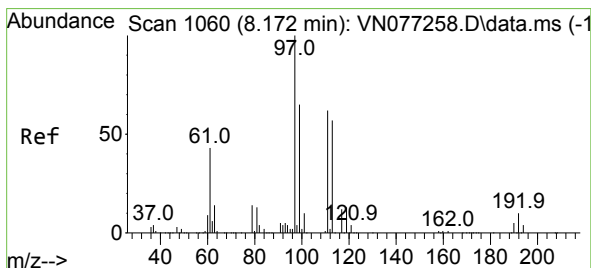
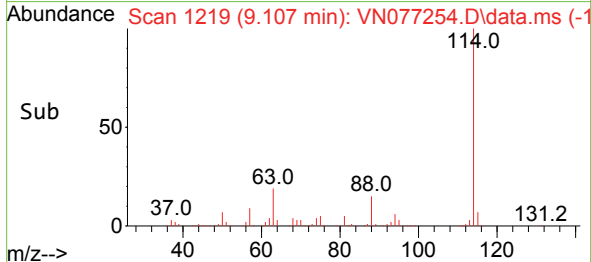
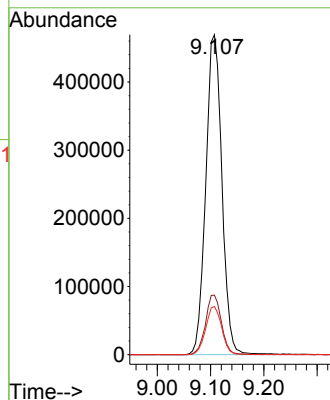
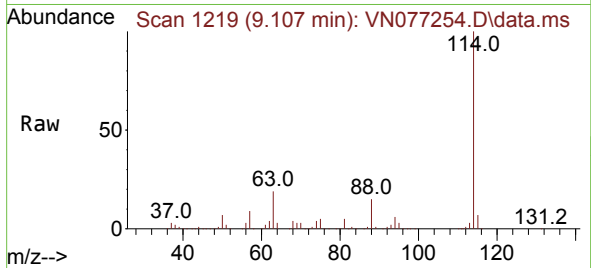




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

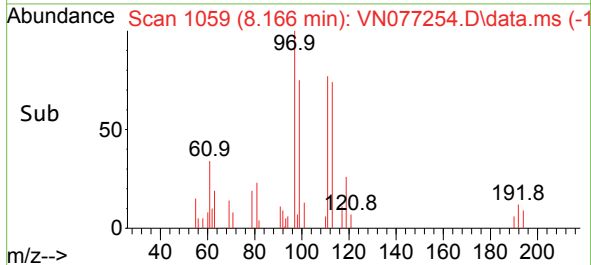
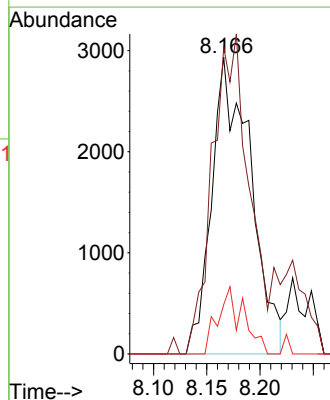
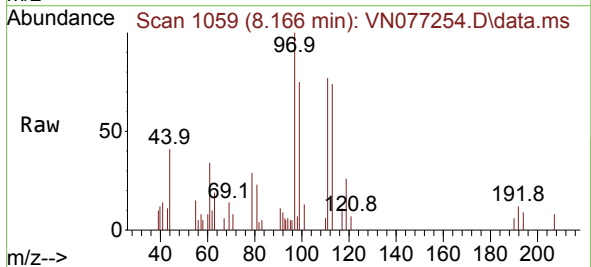
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

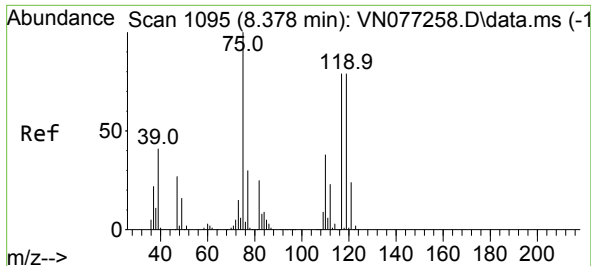
Tgt Ion:114 Resp: 988803
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.8
88 15.1 0.0 29.4



#35
Dibromofluoromethane
Concen: 1.180 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion:113 Resp: 7471
Ion Ratio Lower Upper
113 100
111 99.9 83.4 125.0
192 14.9 13.5 20.3

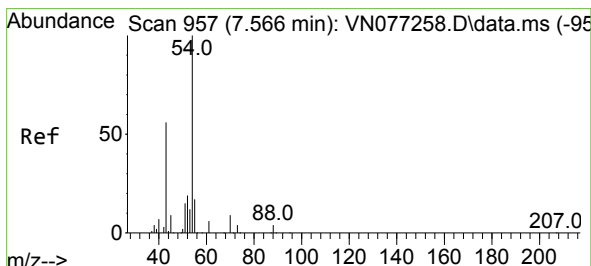
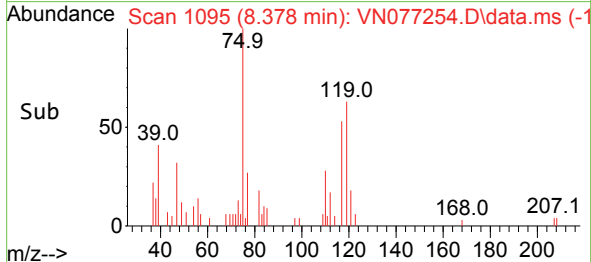
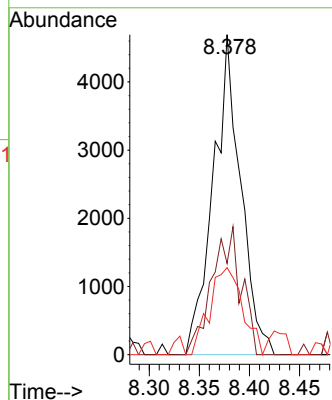
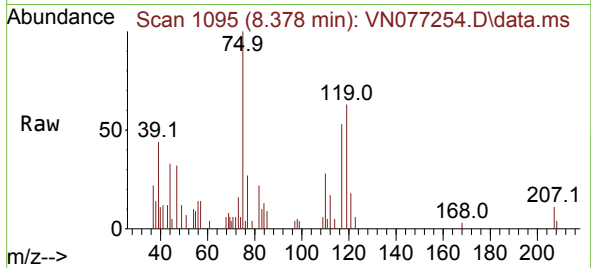




#36
1,1-Dichloropropene
Concen: 0.957 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

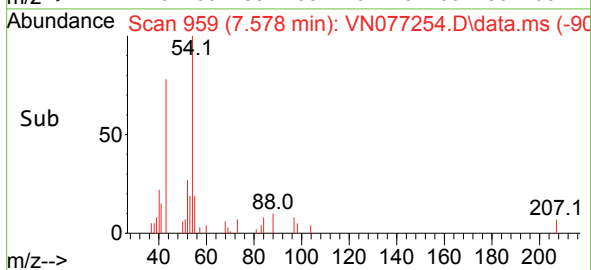
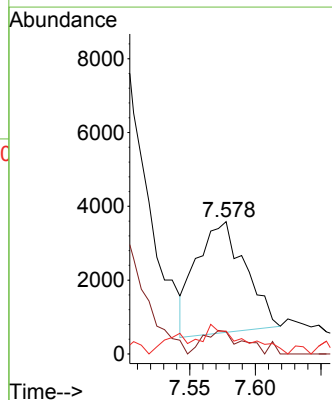
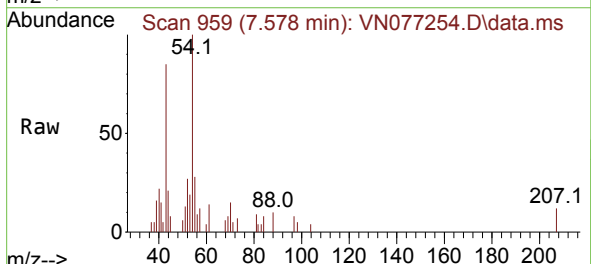
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

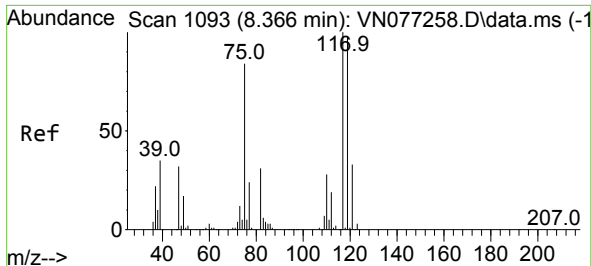
Tgt Ion: 75 Resp: 8964
Ion Ratio Lower Upper
75 100
110 42.1 17.8 53.5
77 32.7 25.0 37.4



#37
Ethyl Acetate
Concen: 0.936 ug/l
RT: 7.578 min Scan# 959
Delta R.T. 0.012 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 43 Resp: 7839
Ion Ratio Lower Upper
43 100
61 17.8 12.2 18.2
70 21.9 10.0 15.0#

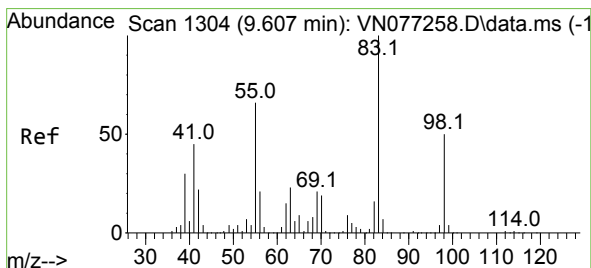
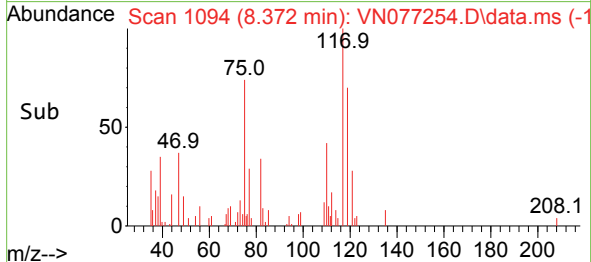
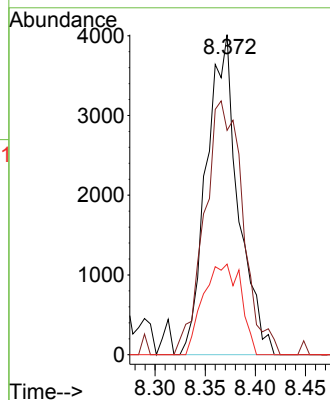
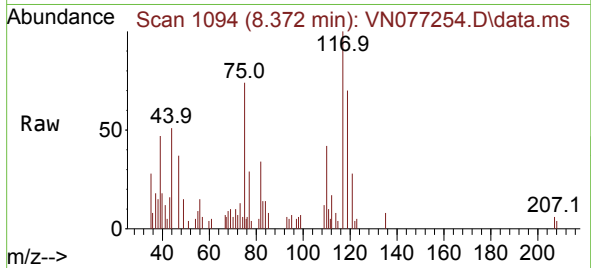




#38
Carbon Tetrachloride
Concen: 0.923 ug/l
RT: 8.372 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

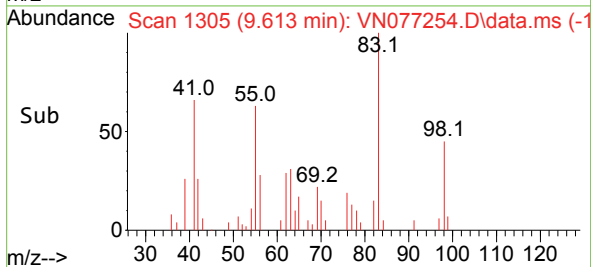
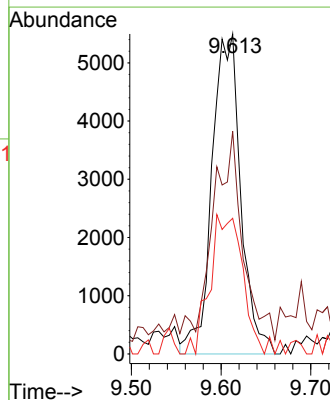
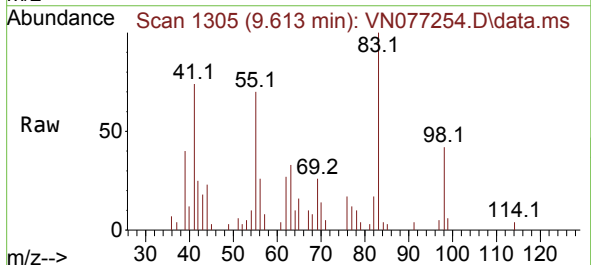
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

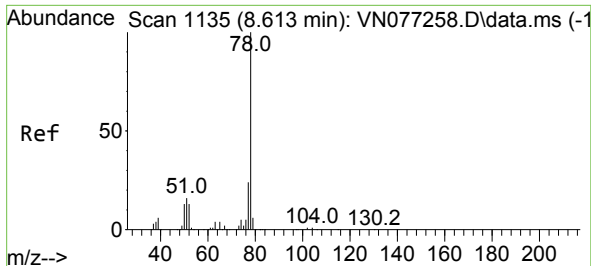
Tgt Ion: 117 Resp: 8851
Ion Ratio Lower Upper
117 100
119 70.1 78.5 117.7#
121 28.3 26.6 40.0



#39
Methylcyclohexane
Concen: 0.971 ug/l
RT: 9.613 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 83 Resp: 12257
Ion Ratio Lower Upper
83 100
55 63.2 52.4 78.6
98 42.4 39.8 59.6

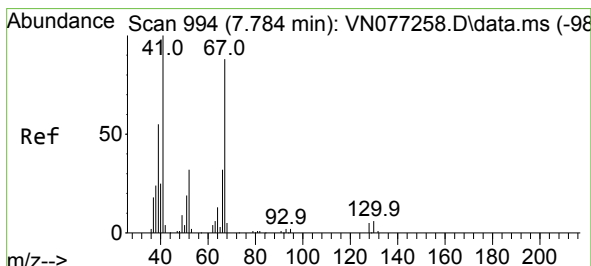
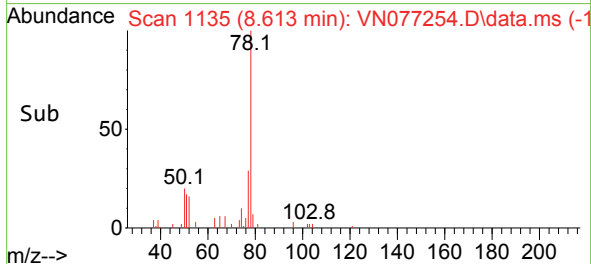
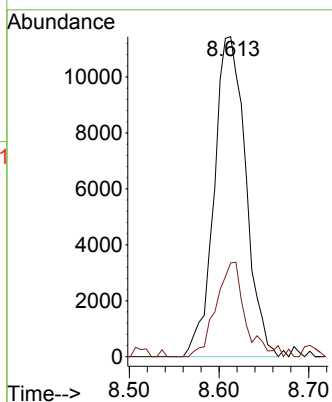
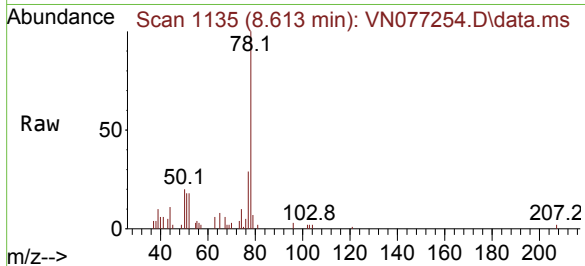




#40
Benzene
Concen: 0.958 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

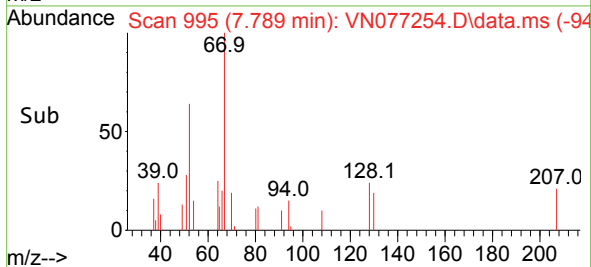
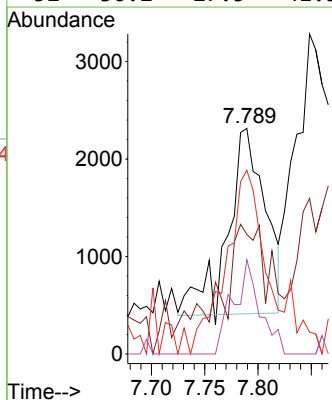
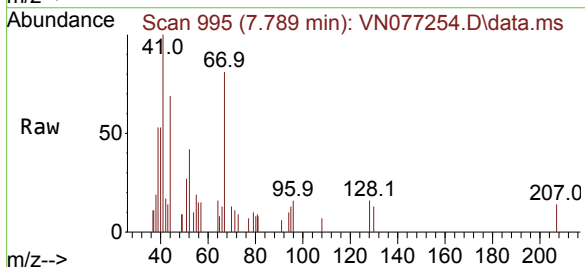
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MSVOA_N
ClientSampleId :
VSTDIC001

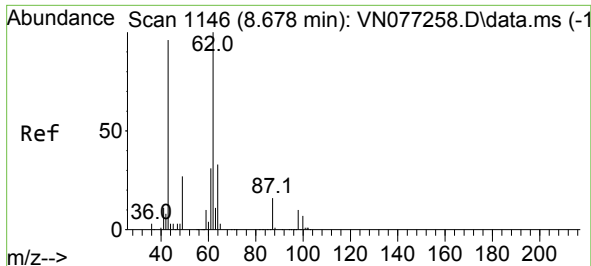
Tgt Ion: 78 Resp: 27978
Ion Ratio Lower Upper
78 100
77 29.3 19.5 29.3#



#41
Methacrylonitrile
Concen: 1.039 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 41 Resp: 4678
Ion Ratio Lower Upper
41 100
39 63.7 44.1 66.1
67 101.7 71.4 107.2
52 36.2 27.5 41.3





#42

1,2-Dichloroethane

Concen: 0.945 ug/l

RT: 8.678 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

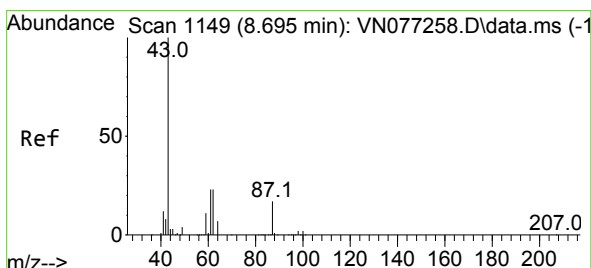
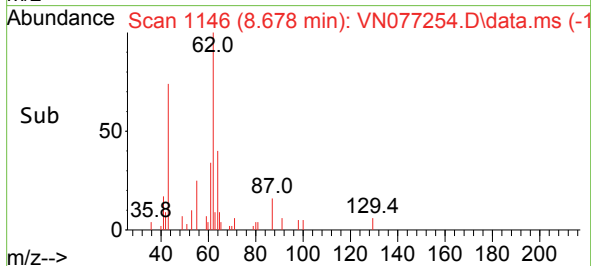
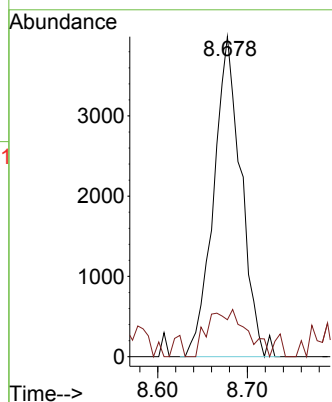
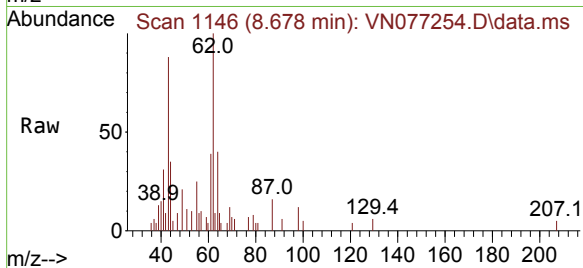
VSTDICC001

Tgt Ion: 62 Resp: 8494

Ion Ratio Lower Upper

62 100

98 20.5 0.0 20.2#



#43

Isopropyl Acetate

Concen: 1.015 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

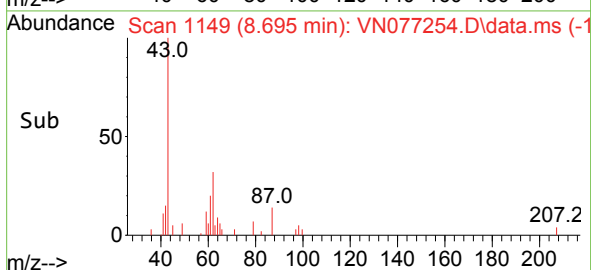
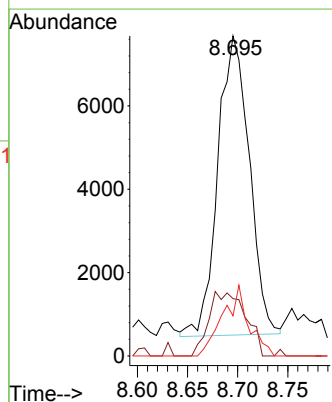
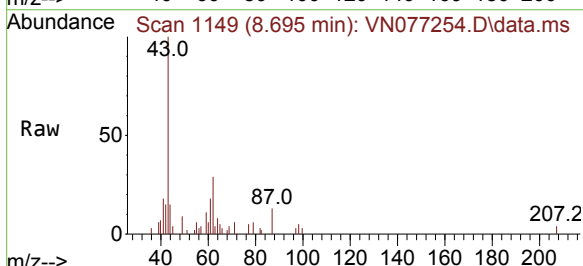
Tgt Ion: 43 Resp: 15690

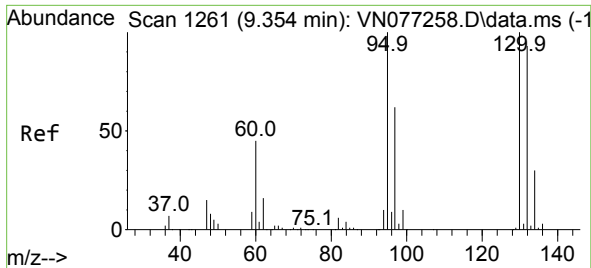
Ion Ratio Lower Upper

43 100

61 0.0 22.7 34.1#

87 19.3 13.6 20.4

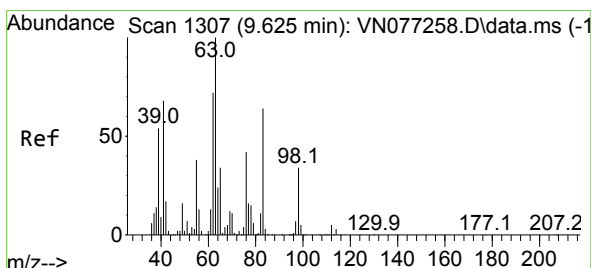
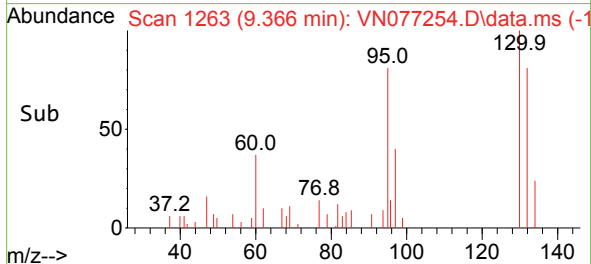
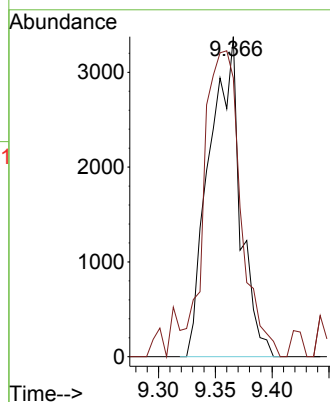
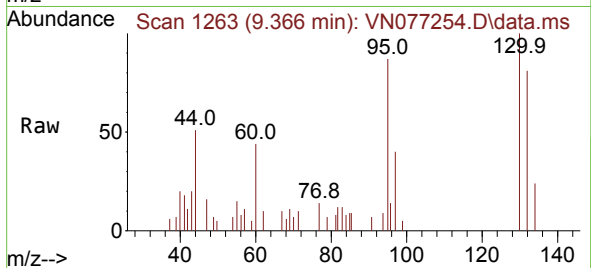




#44
Trichloroethene
Concen: 0.922 ug/l
RT: 9.366 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

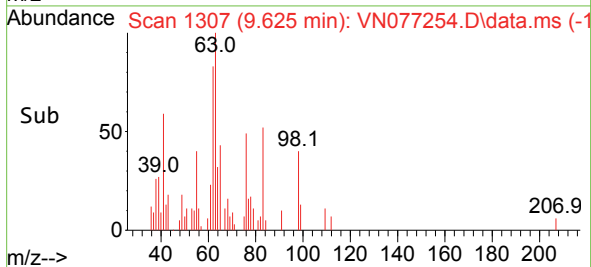
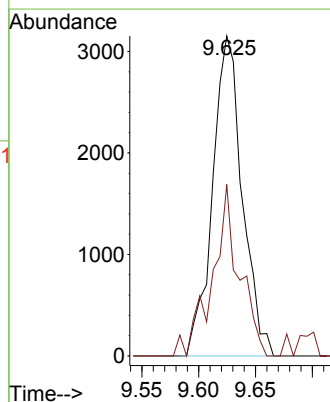
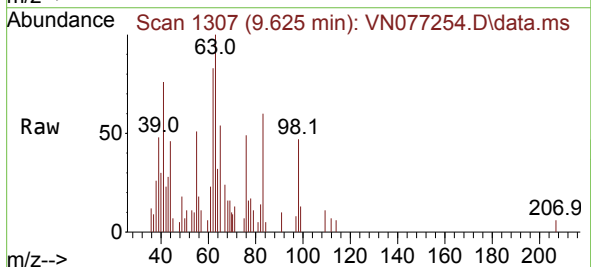
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

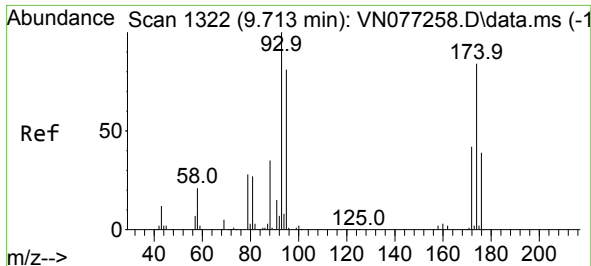
Tgt Ion:130 Resp: 6439
Ion Ratio Lower Upper
130 100
95 87.1 0.0 200.2



#45
1,2-Dichloropropane
Concen: 0.827 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 63 Resp: 5736
Ion Ratio Lower Upper
63 100
65 53.6 27.1 40.7#

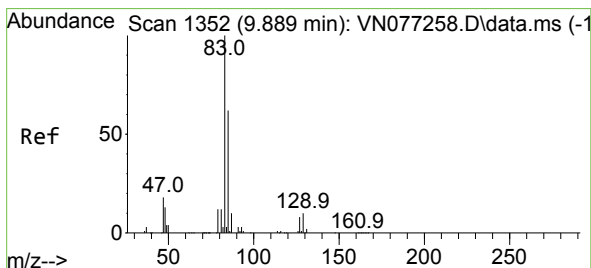
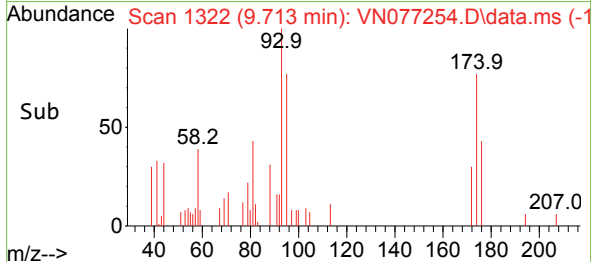
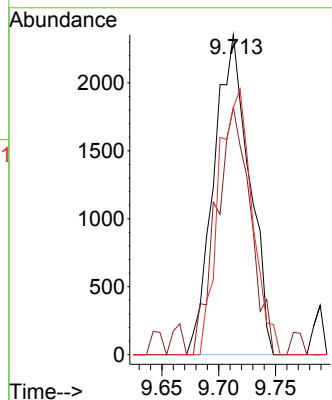
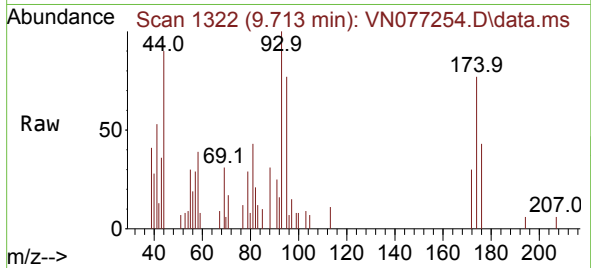




#46
Dibromomethane
Concen: 0.974 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

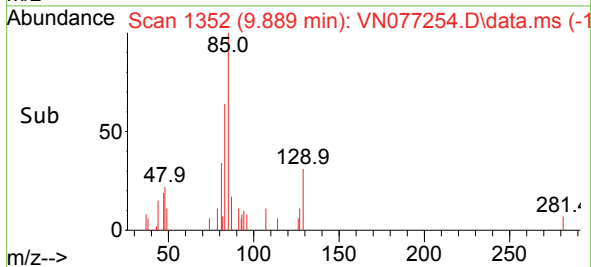
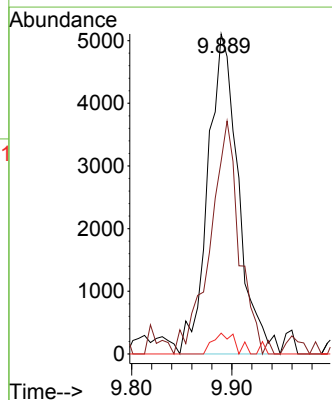
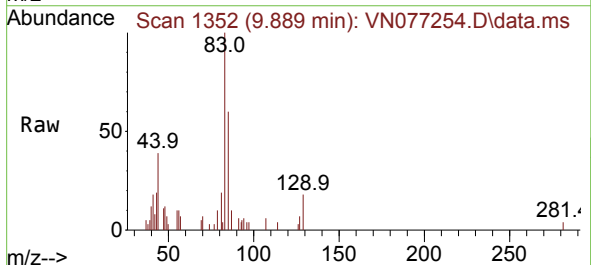
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

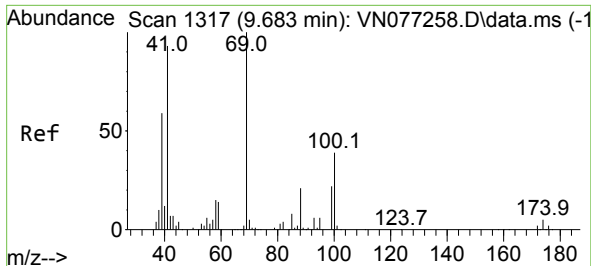
Tgt Ion:	93	Resp:	5091
Ion Ratio	Lower	Upper	
93	100		
95	74.7	65.8	98.6
174	78.9	66.0	99.0



#47
Bromodichloromethane
Concen: 1.029 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion:	83	Resp:	10752
Ion Ratio	Lower	Upper	
83	100		
85	60.3	49.8	74.8
127	6.5	6.2	9.2

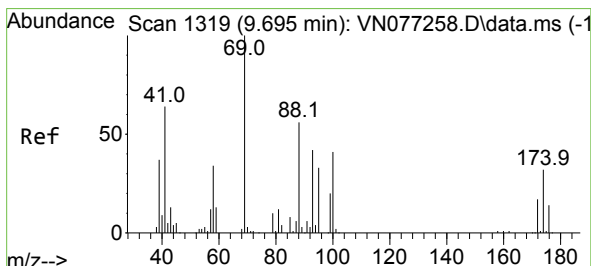
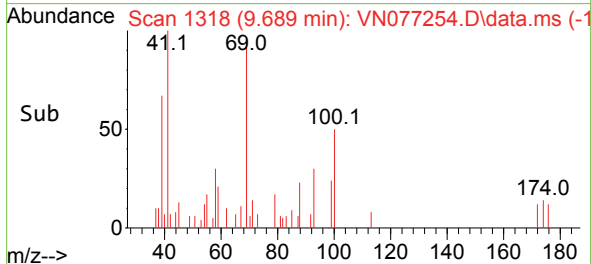
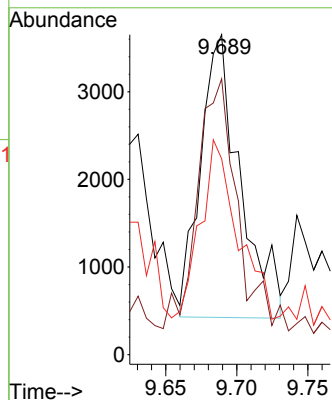
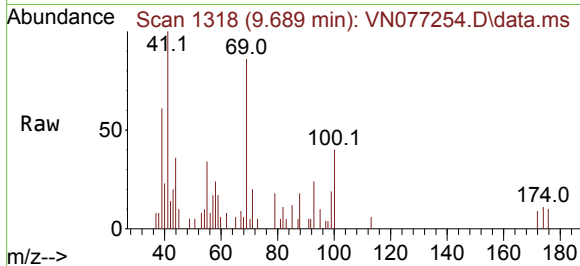




#48
Methyl methacrylate
Concen: 0.948 ug/l
RT: 9.689 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

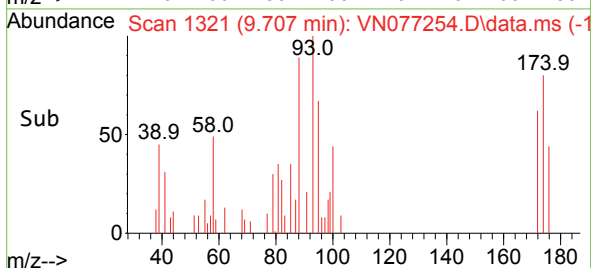
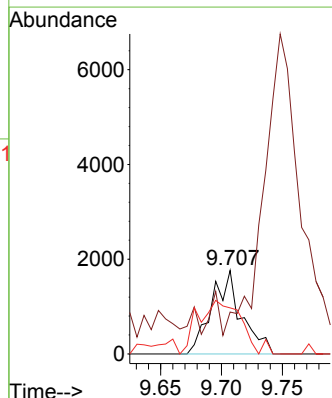
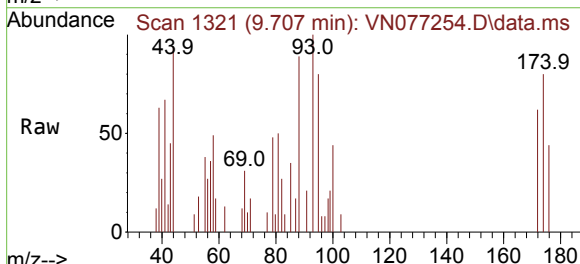
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

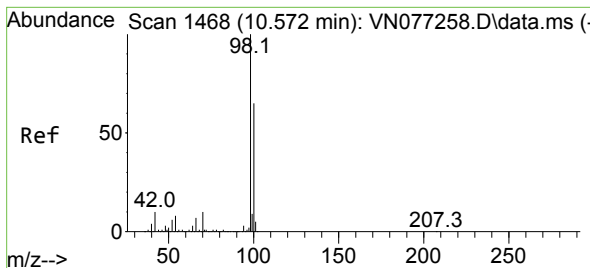
Tgt Ion: 41 Resp: 6253
Ion Ratio Lower Upper
41 100
69 87.8 85.0 127.6
39 89.6 53.5 80.3#



#49
1,4-Dioxane
Concen: 18.854 ug/l
RT: 9.707 min Scan# 1321
Delta R.T. 0.012 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 88 Resp: 3014
Ion Ratio Lower Upper
88 100
43 17.9 17.0 25.6
58 89.2 49.8 74.6#

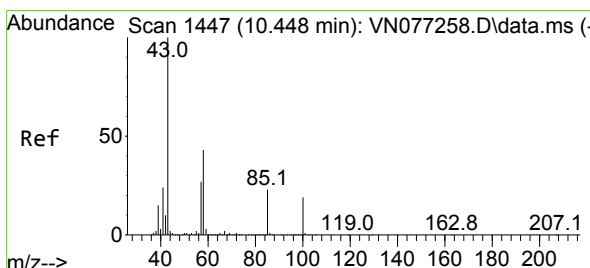
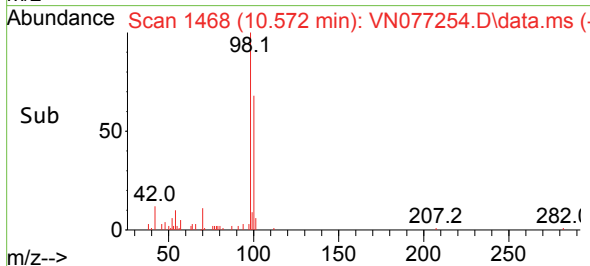
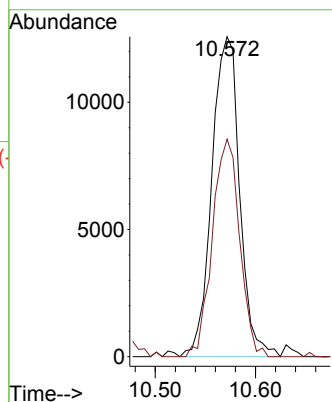
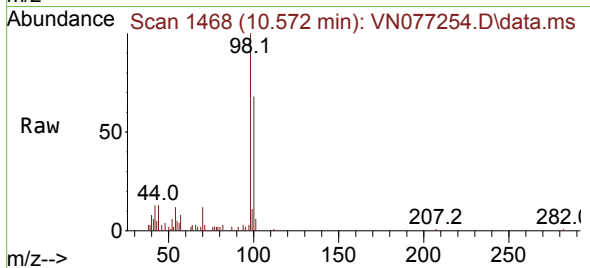




#50
Toluene-d8
Concen: 0.948 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

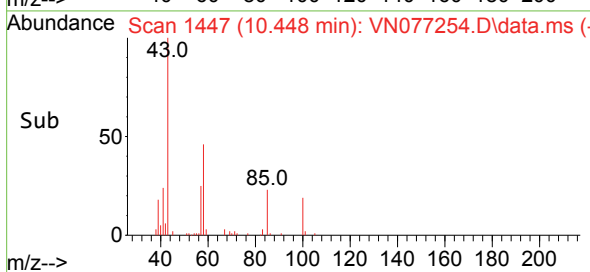
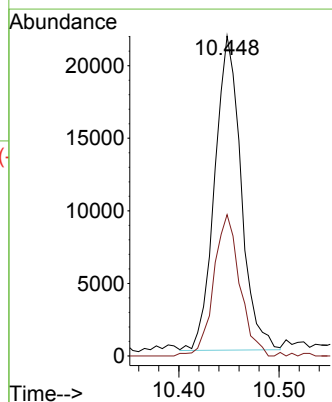
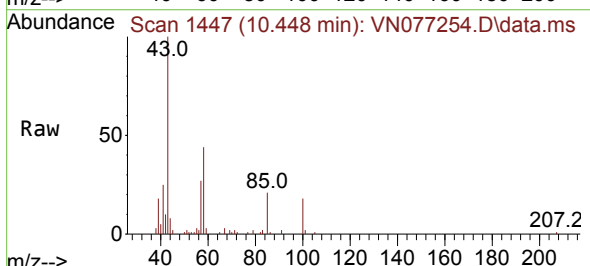
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

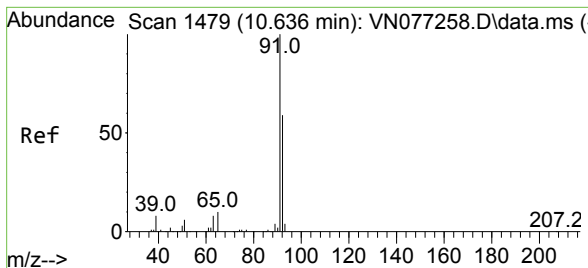
Tgt Ion: 98 Resp: 24170
Ion Ratio Lower Upper
98 100
100 66.6 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 4.423 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 43 Resp: 39514
Ion Ratio Lower Upper
43 100
58 44.6 34.6 52.0





#52

Toluene

Concen: 0.902 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

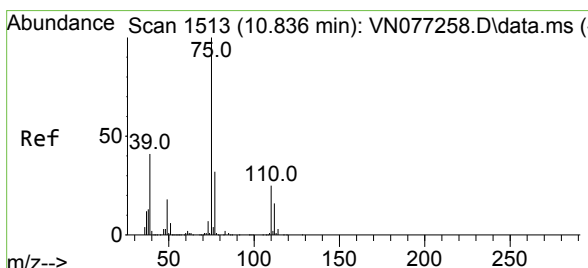
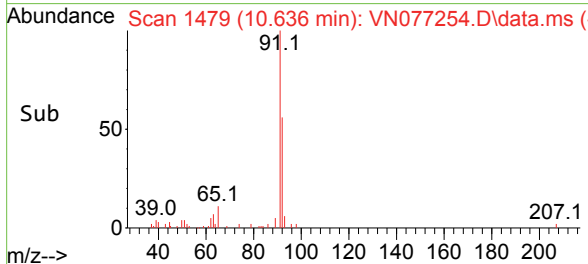
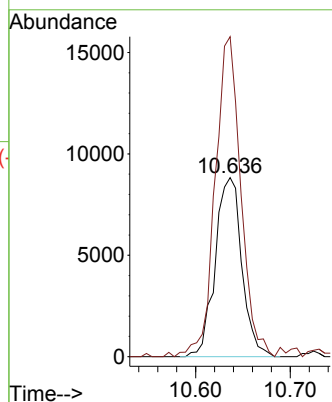
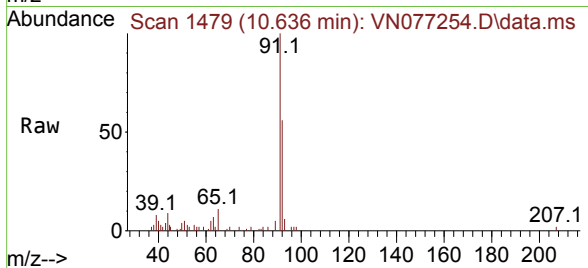
VSTDIC001

Tgt Ion: 92 Resp: 17247

Ion Ratio Lower Upper

92 100

91 172.4 138.0 207.0



#53

t-1,3-Dichloropropene

Concen: 0.856 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN077254.D

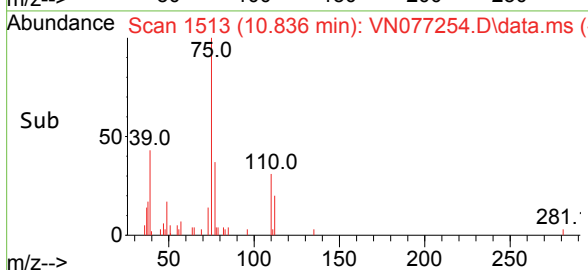
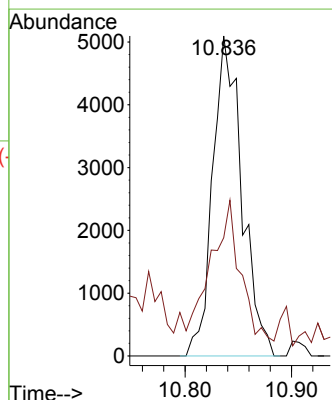
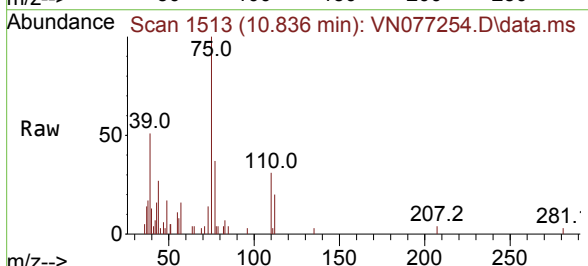
Acq: 05 Apr 2023 10:51

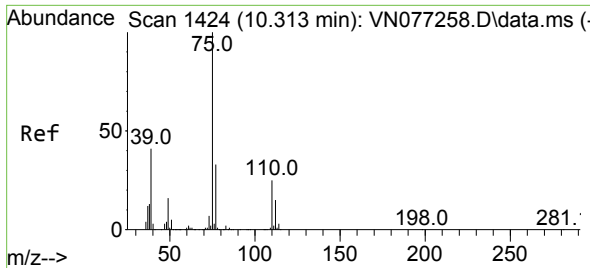
Tgt Ion: 75 Resp: 9705

Ion Ratio Lower Upper

75 100

77 25.5 25.4 38.0

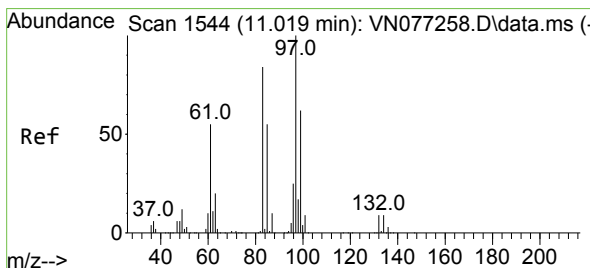
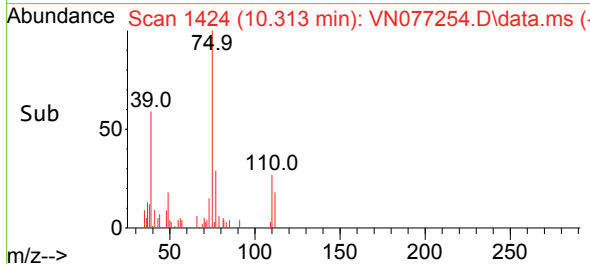
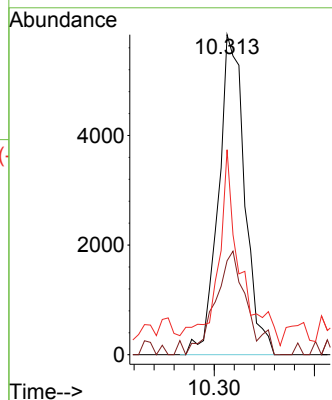
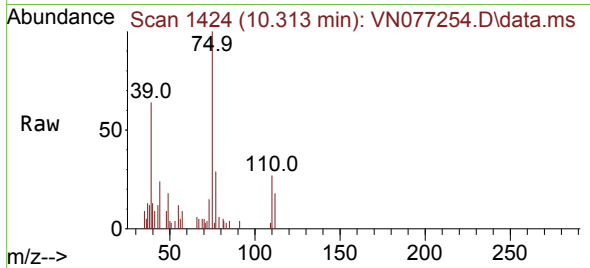




#54
 cis-1,3-Dichloropropene
 Concen: 0.881 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

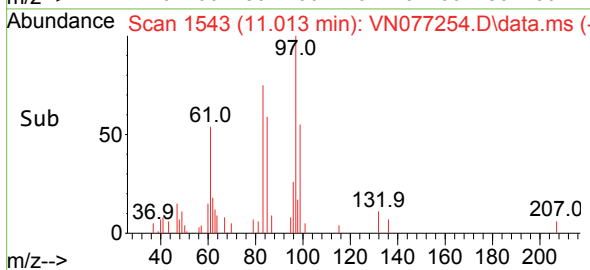
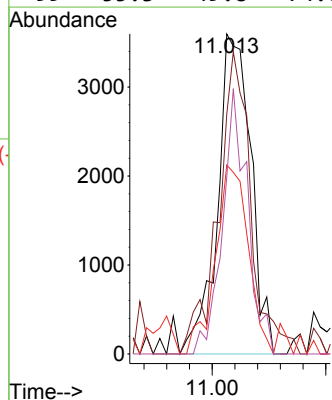
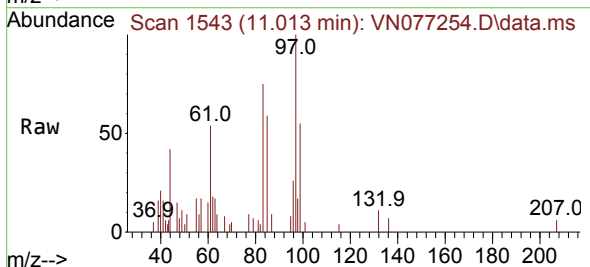
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

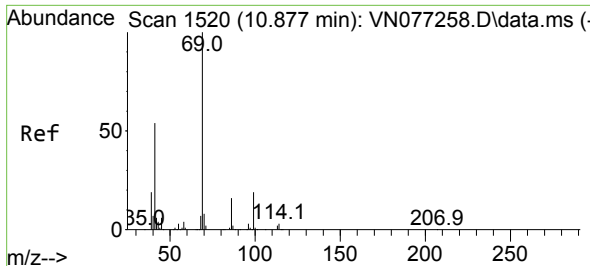
Tgt Ion: 75	Resp: 10647
Ion Ratio	Lower Upper
75 100	
77 29.3	26.7 40.1
39 61.2	32.8 49.2#



#55
 1,1,2-Trichloroethane
 Concen: 0.976 ug/l
 RT: 11.013 min Scan# 1543
 Delta R.T. -0.006 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

Tgt Ion: 97	Resp: 7326
Ion Ratio	Lower Upper
97 100	
83 74.8	67.4 101.2
85 59.0	44.1 66.1
99 55.3	49.8 74.6

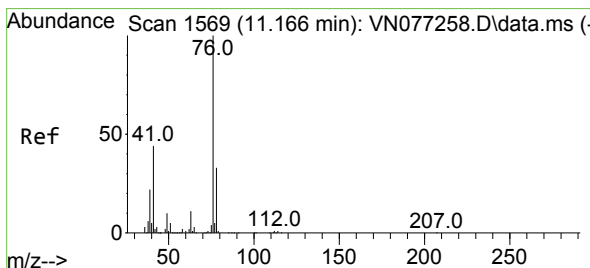
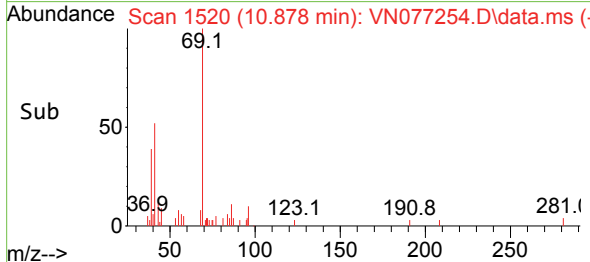
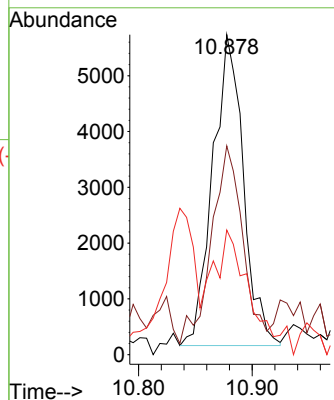
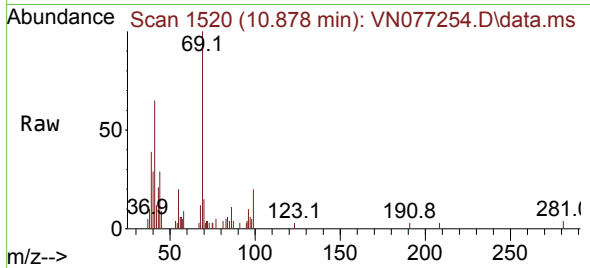




#56
 Ethyl methacrylate
 Concen: 0.894 ug/l
 RT: 10.878 min Scan# 1520
 Delta R.T. 0.000 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

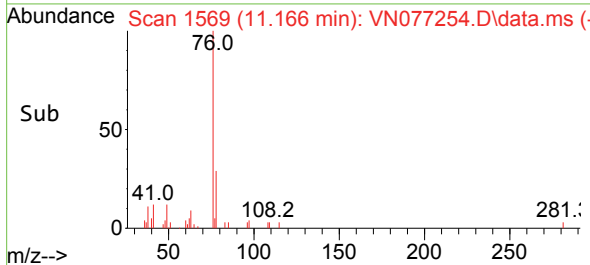
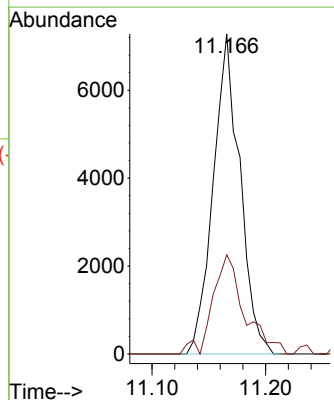
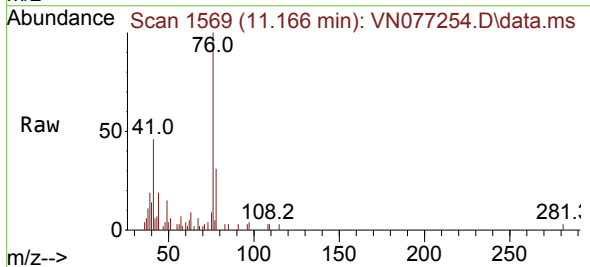
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

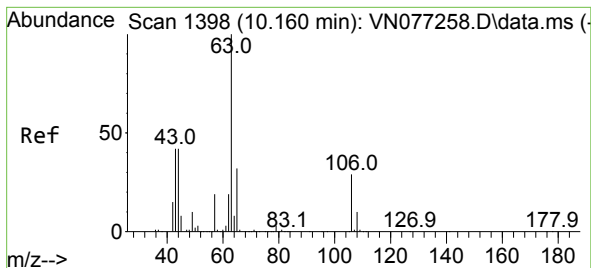
Tgt Ion: 69 Resp: 10449
 Ion Ratio Lower Upper
 69 100
 41 64.3 42.8 64.2#
 39 44.9 27.0 40.4#



#57
 1,3-Dichloropropane
 Concen: 0.959 ug/l
 RT: 11.166 min Scan# 1569
 Delta R.T. -0.000 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

Tgt Ion: 76 Resp: 11886
 Ion Ratio Lower Upper
 76 100
 78 36.8 26.2 39.4

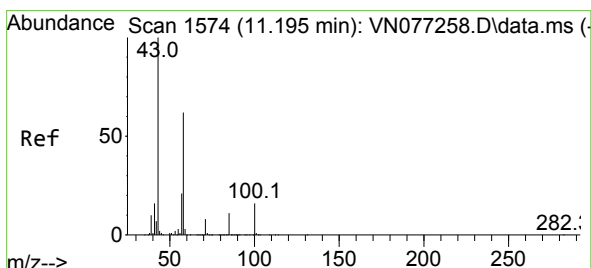
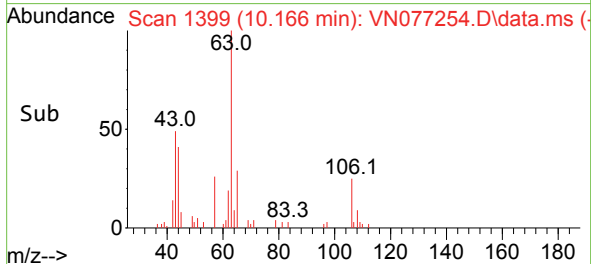
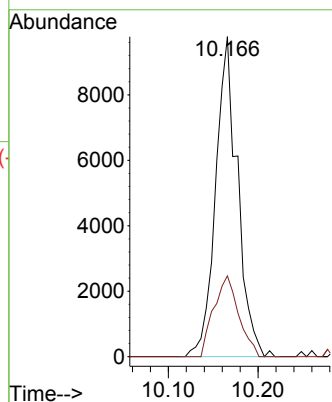
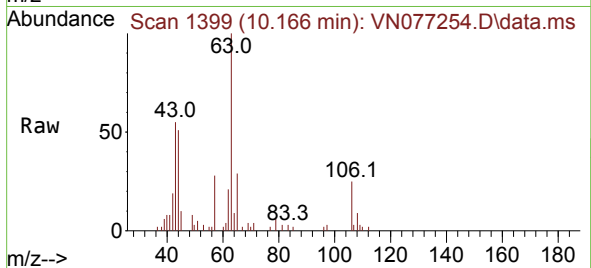




#58
2-Chloroethyl Vinyl ether
Concen: 4.765 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

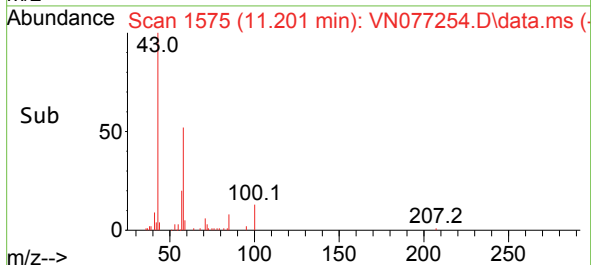
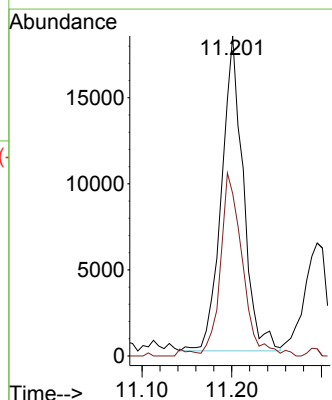
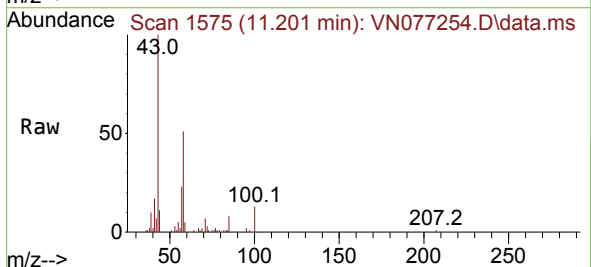
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

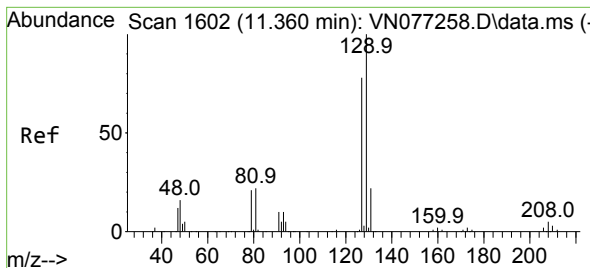
Tgt Ion: 63 Resp: 16578
Ion Ratio Lower Upper
63 100
106 28.7 24.1 36.1



#59
2-Hexanone
Concen: 4.629 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 43 Resp: 30809
Ion Ratio Lower Upper
43 100
58 58.3 30.9 92.5





#60

Dibromochloromethane

Concen: 0.903 ug/l

RT: 11.366 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

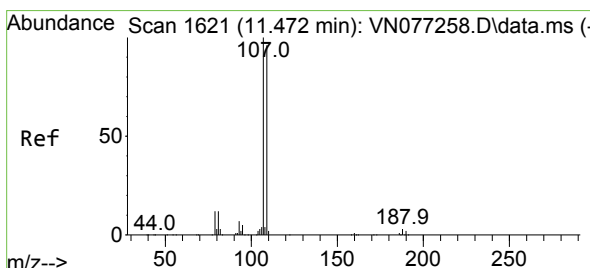
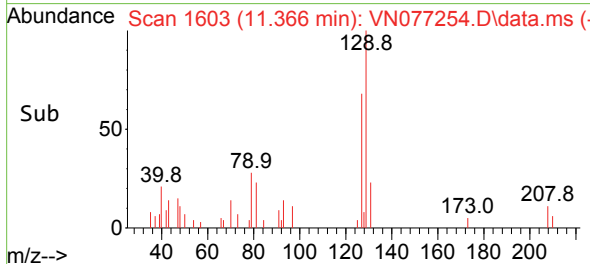
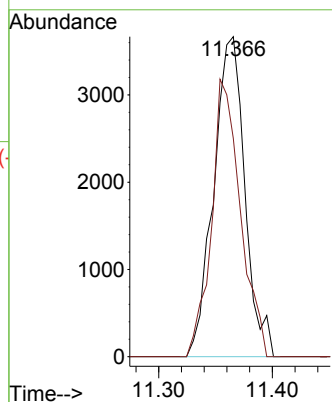
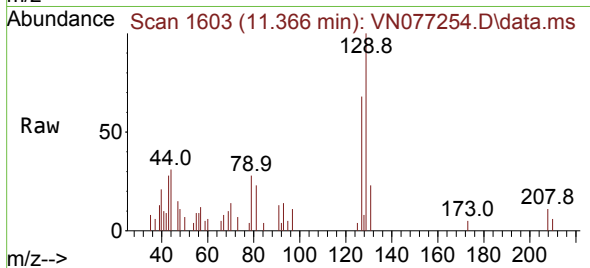
VSTDIC001

Tgt Ion:129 Resp: 6980

Ion Ratio Lower Upper

129 100

127 80.5 38.1 114.5



#61

1,2-Dibromoethane

Concen: 0.941 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VN077254.D

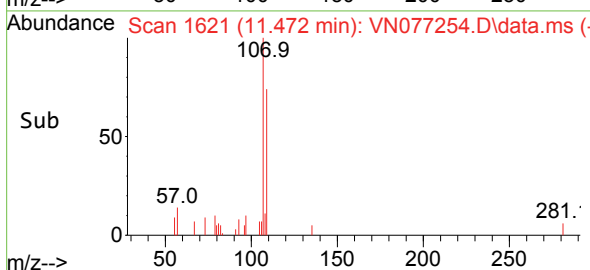
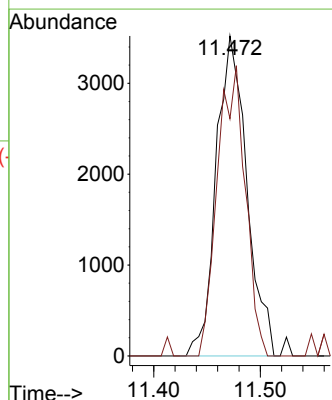
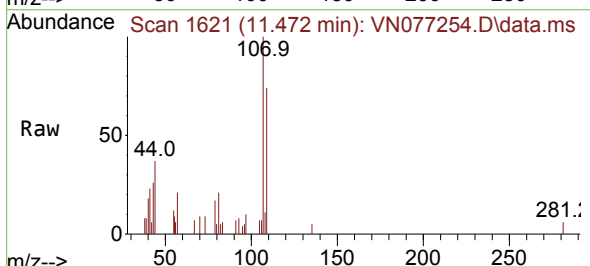
Acq: 05 Apr 2023 10:51

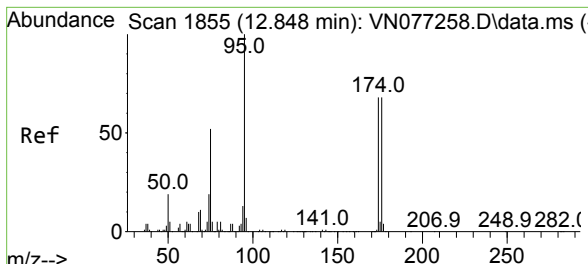
Tgt Ion:107 Resp: 7047

Ion Ratio Lower Upper

107 100

109 82.6 75.2 112.8

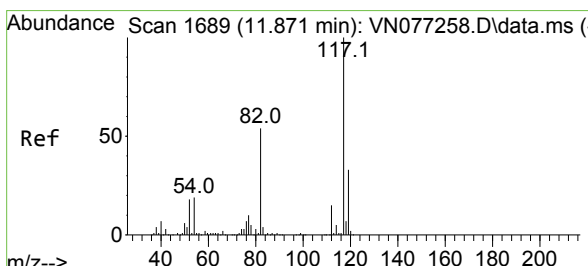
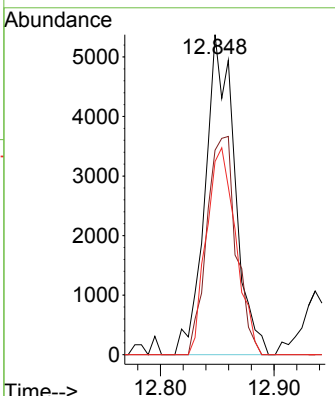
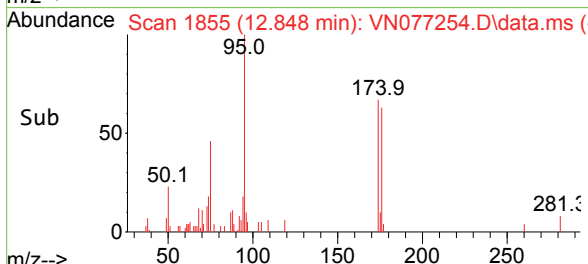
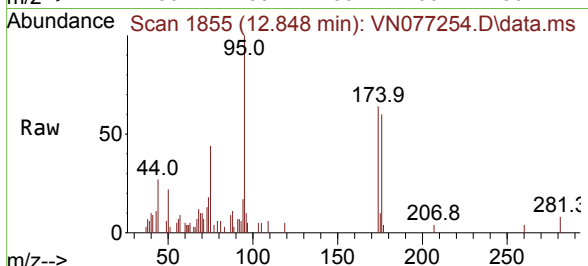




#62
 4-Bromofluorobenzene
 Concen: 1.149 ug/l
 RT: 12.848 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

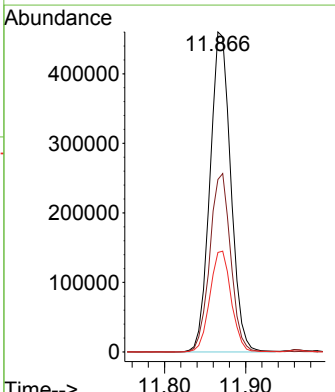
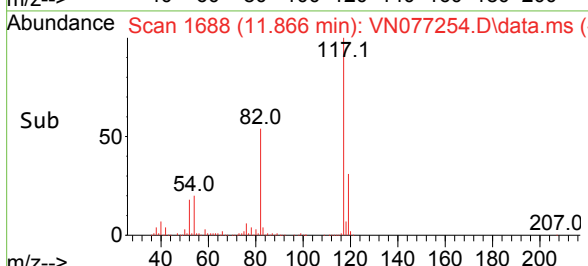
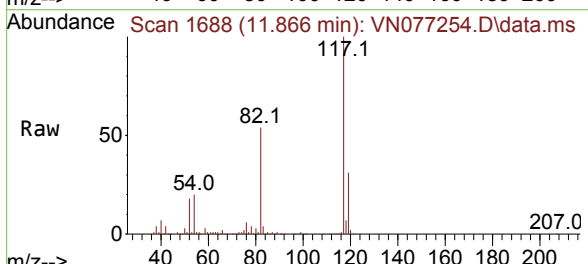
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

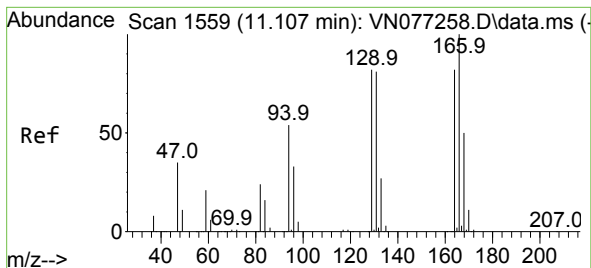
Tgt Ion:	95	Resp:	9740
Ion Ratio	Lower	Upper	
95	100		
174	67.5	0.0	146.8
176	64.3	0.0	139.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.866 min Scan# 1688
 Delta R.T. -0.005 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

Tgt Ion:	117	Resp:	821022
Ion Ratio	Lower	Upper	
117	100		
82	53.9	42.9	64.3
119	31.1	26.2	39.4





#64

Tetrachloroethene

Concen: 0.917 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:164 Resp: 4649

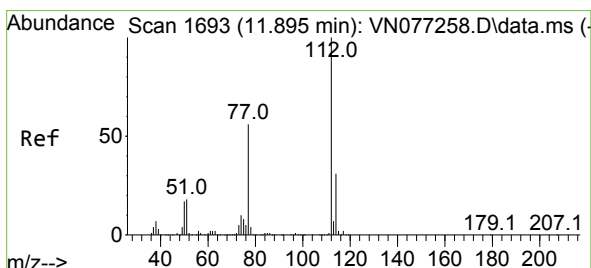
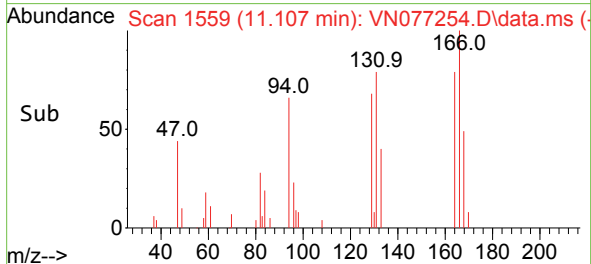
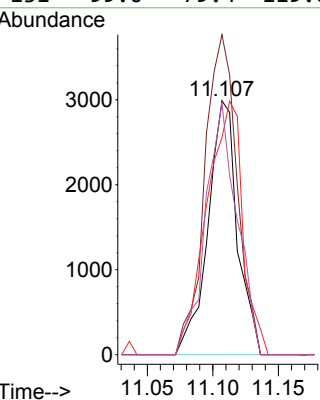
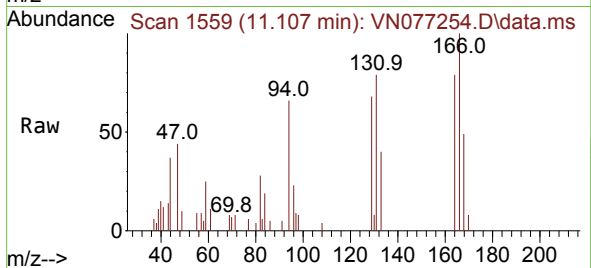
Ion Ratio Lower Upper

164 100

166 126.0 97.8 146.6

129 85.4 80.1 120.1

131 99.0 79.4 119.0



#65

Chlorobenzene

Concen: 0.864 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VN077254.D

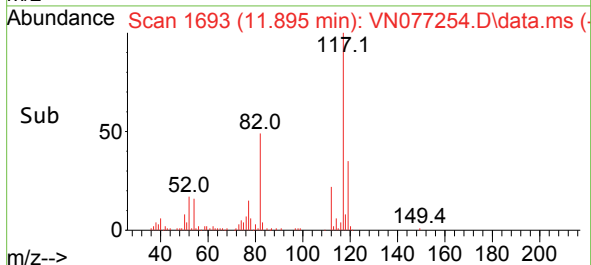
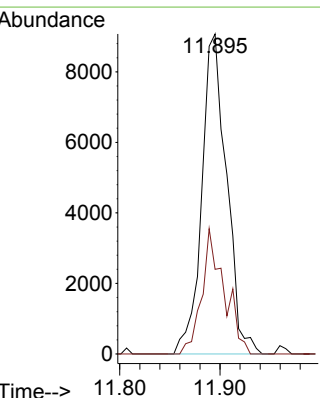
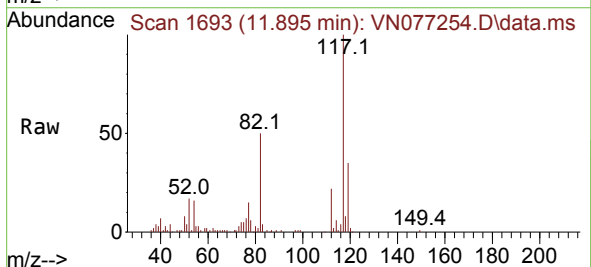
Acq: 05 Apr 2023 10:51

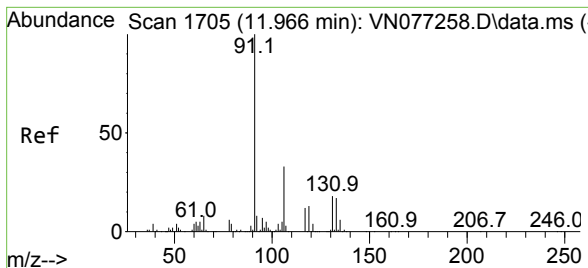
Tgt Ion:112 Resp: 15609

Ion Ratio Lower Upper

112 100

114 26.5 24.6 36.8

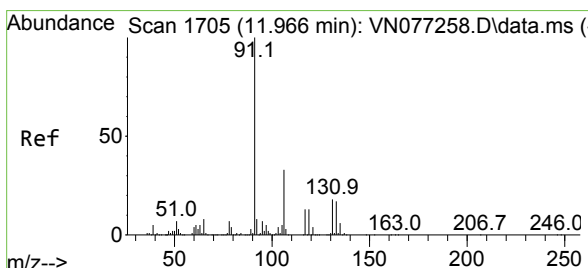
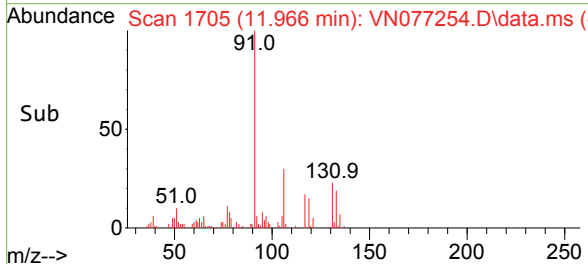
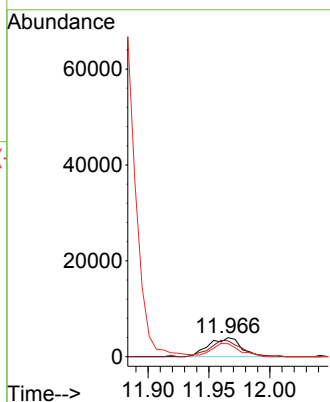
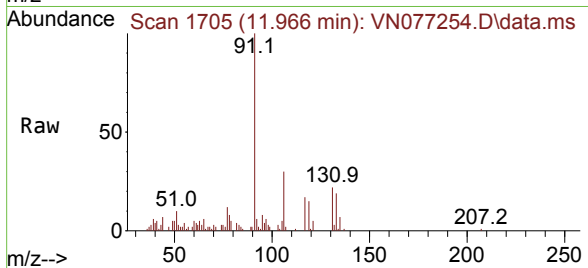




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.062 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

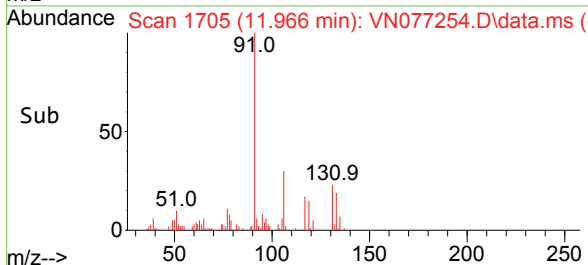
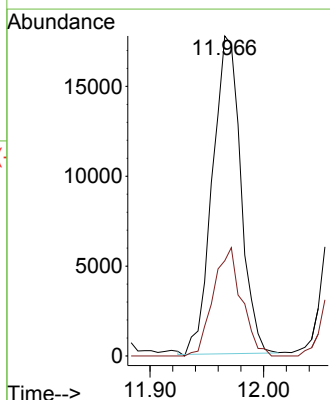
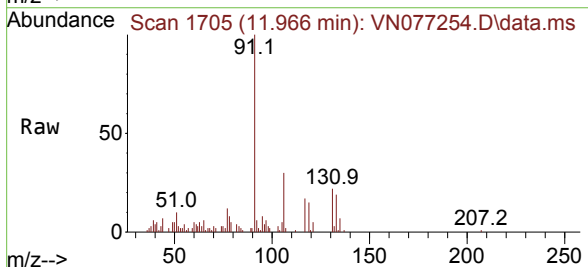
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

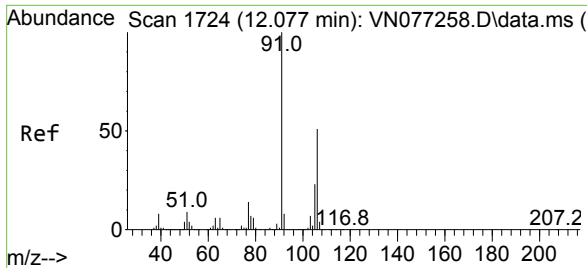
Tgt Ion:131 Resp: 7262
 Ion Ratio Lower Upper
 131 100
 133 85.8 46.9 140.6
 119 0.0 34.0 102.0#



#67
 Ethyl Benzene
 Concen: 0.917 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

Tgt Ion: 91 Resp: 30571
 Ion Ratio Lower Upper
 91 100
 106 30.0 26.2 39.2

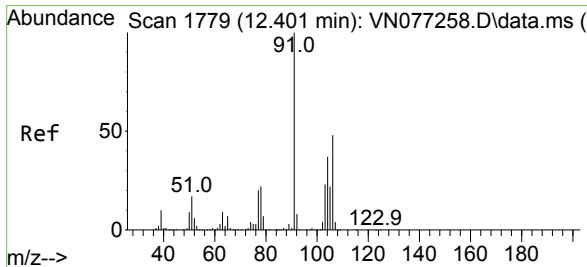
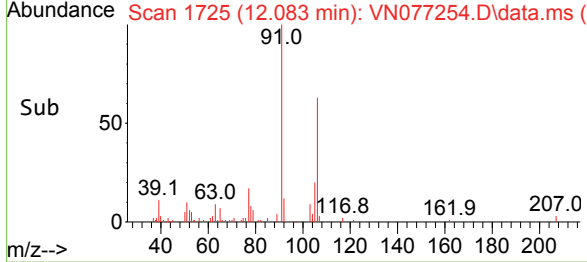
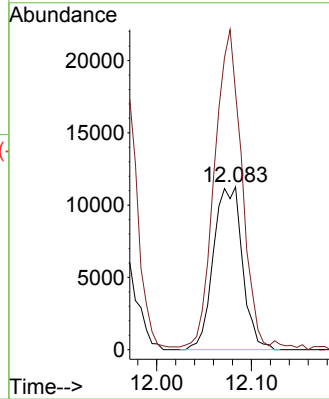
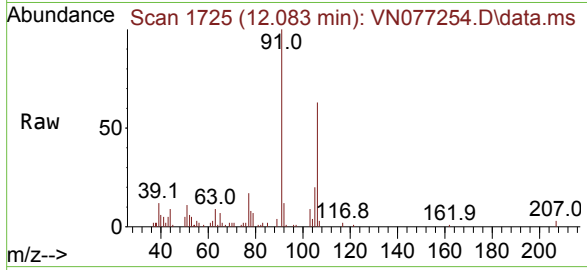




#68
m/p-Xylenes
Concen: 1.828 ug/l
RT: 12.083 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

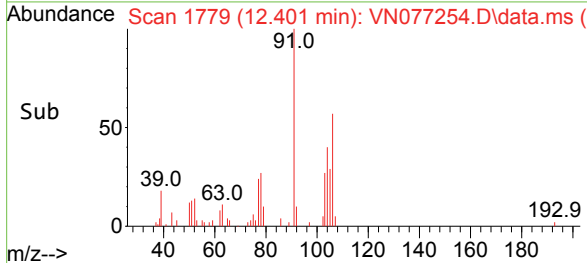
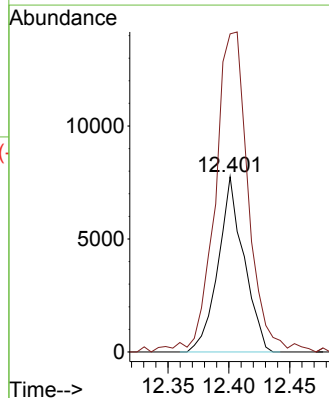
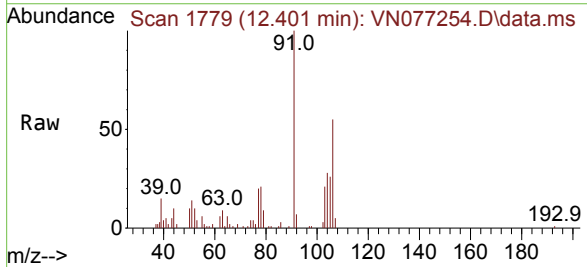
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

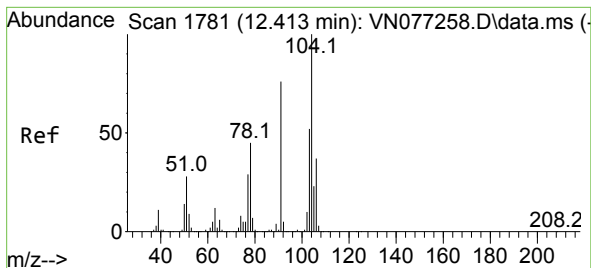
Tgt Ion:106 Resp: 23958
Ion Ratio Lower Upper
106 100
91 180.6 158.7 238.1



#69
o-Xylene
Concen: 0.883 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion:106 Resp: 11412
Ion Ratio Lower Upper
106 100
91 236.1 104.0 312.0





#70

Styrene

Concen: 0.859 ug/l

RT: 12.419 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

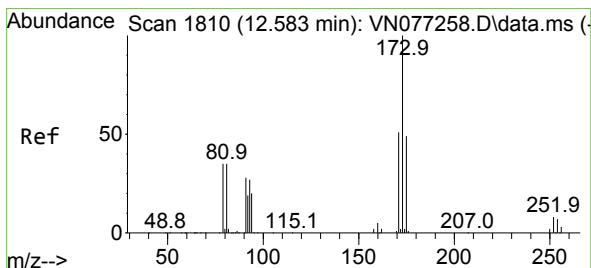
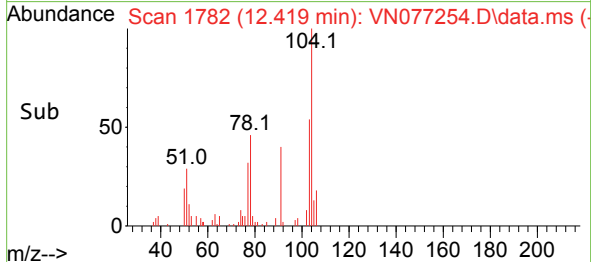
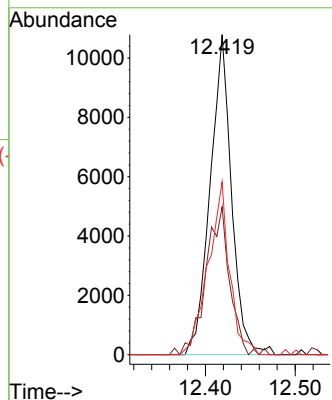
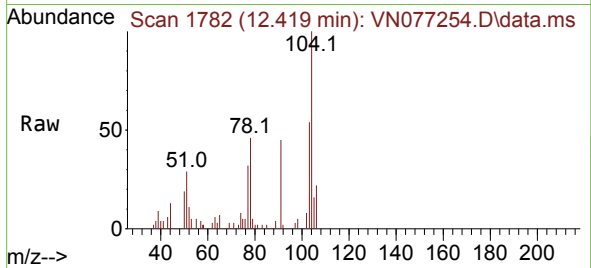
Tgt Ion:104 Resp: 17874

Ion Ratio Lower Upper

104 100

78 51.9 38.0 57.0

103 54.1 43.1 64.7



#71

Bromoform

Concen: 0.851 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

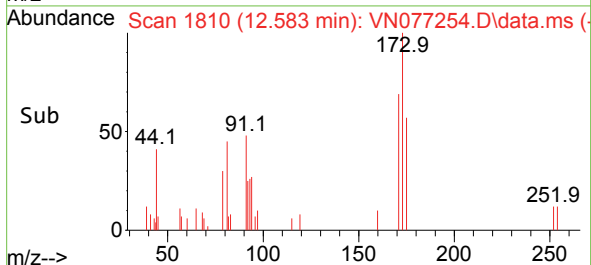
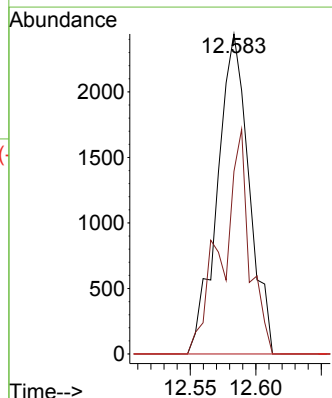
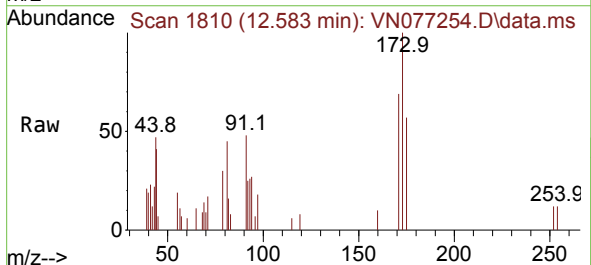
Tgt Ion:173 Resp: 4096

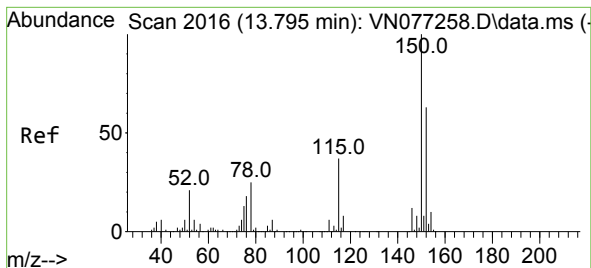
Ion Ratio Lower Upper

173 100

175 61.2 24.1 72.4

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

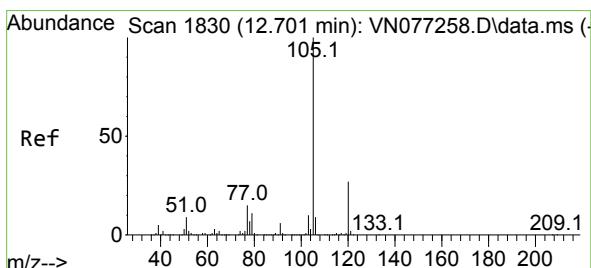
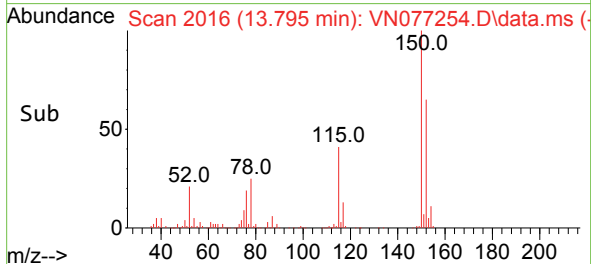
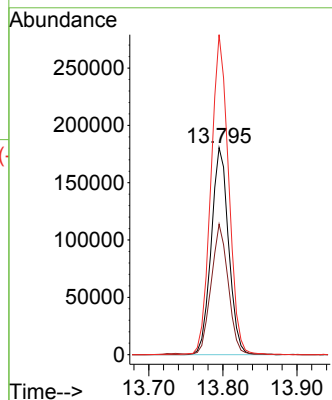
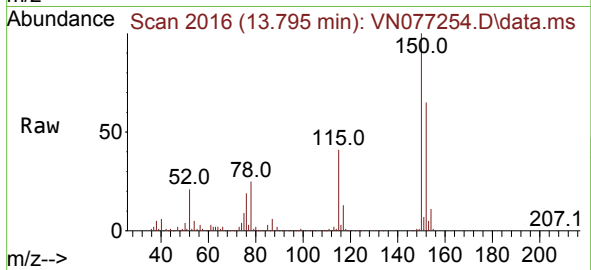
Tgt Ion:152 Resp: 294636

Ion Ratio Lower Upper

152 100

115 61.8 32.1 96.3

150 157.6 0.0 354.8



#73

Isopropylbenzene

Concen: 1.004 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077254.D

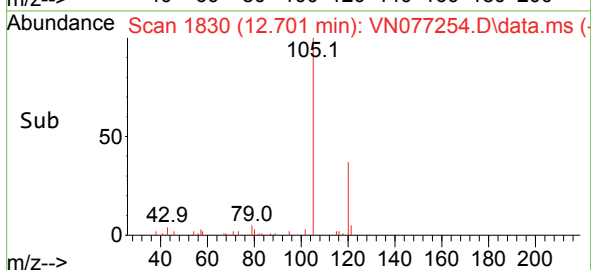
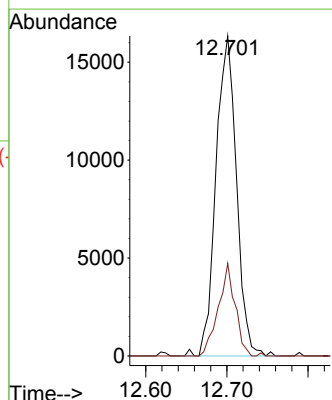
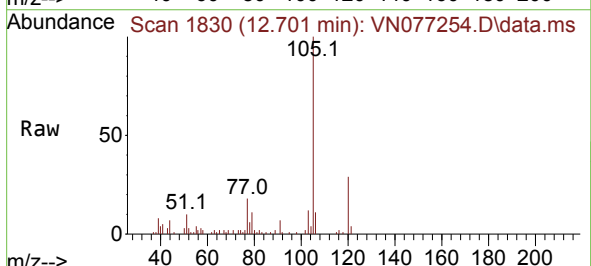
Acq: 05 Apr 2023 10:51

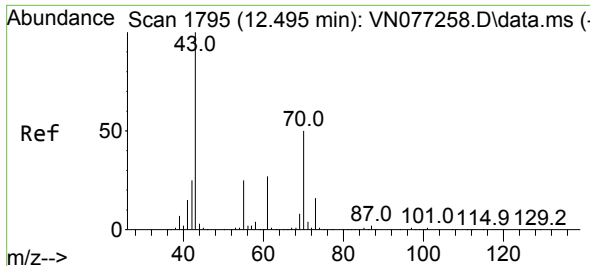
Tgt Ion:105 Resp: 28743

Ion Ratio Lower Upper

105 100

120 23.7 13.2 39.6

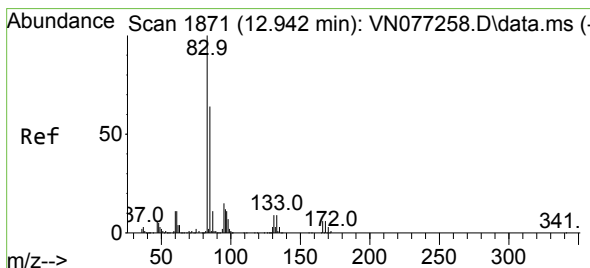
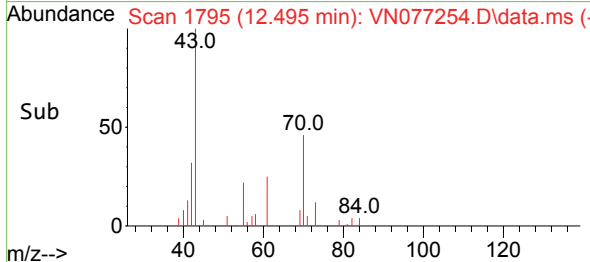
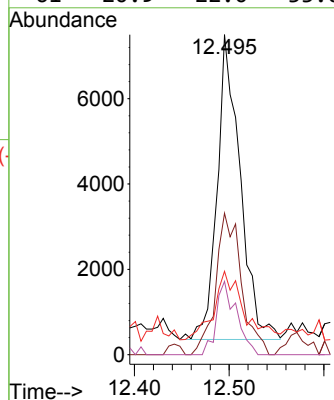
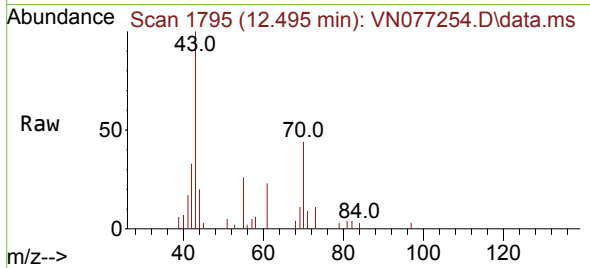




#74
N-amy1 acetate
Concen: 1.112 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

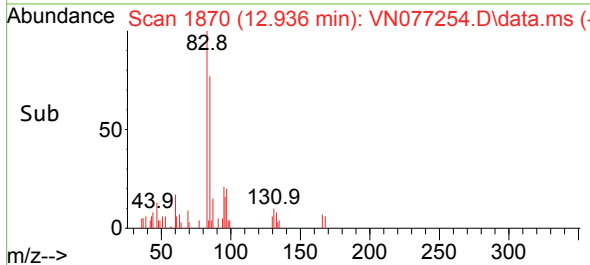
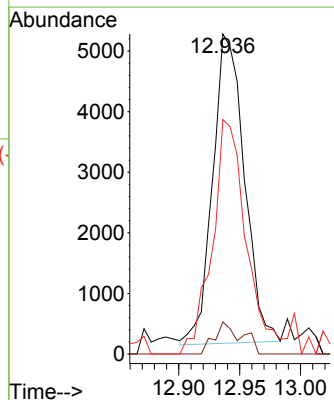
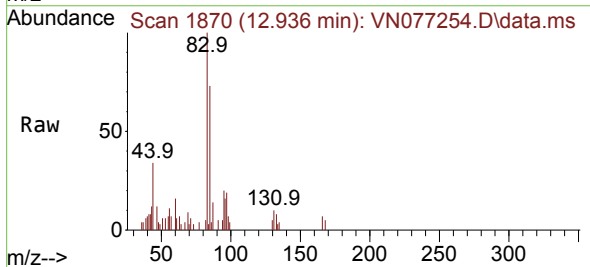
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

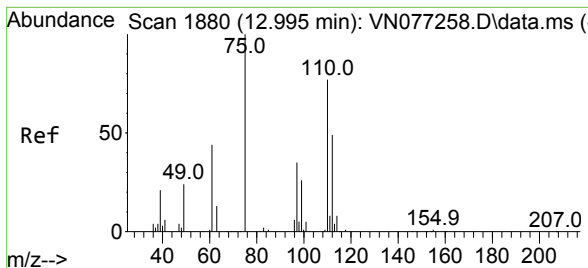
Tgt Ion: 43	Resp: 12061
Ion Ratio	Lower Upper
43	100
70	51.7 41.0 61.6
55	29.3 19.3 28.9#
61	20.9 22.0 33.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.026 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 83	Resp: 9218
Ion Ratio	Lower Upper
83	100
131	8.9 4.9 14.6
85	80.6 32.1 96.3





#76

1,2,3-Trichloropropane

Concen: 1.655 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

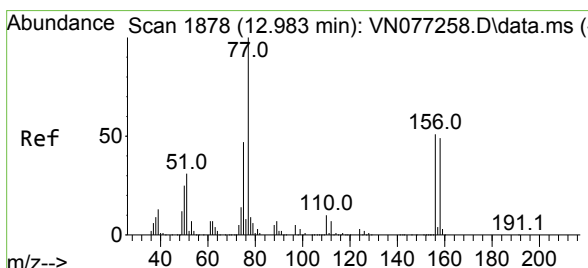
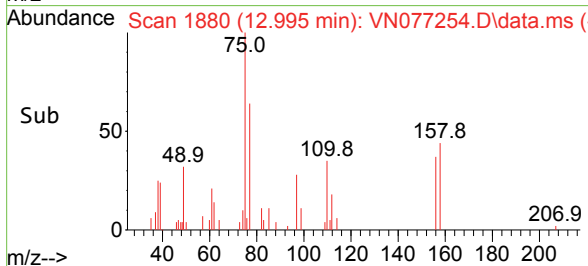
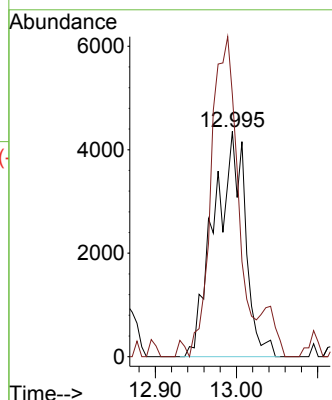
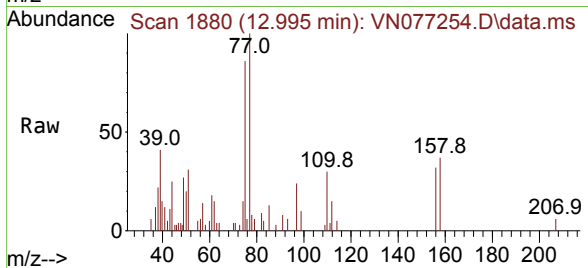
VSTDIC001

Tgt Ion: 75 Resp: 11610

Ion Ratio Lower Upper

75 100

77 122.6 88.3 264.9



#77

Bromobenzene

Concen: 0.960 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

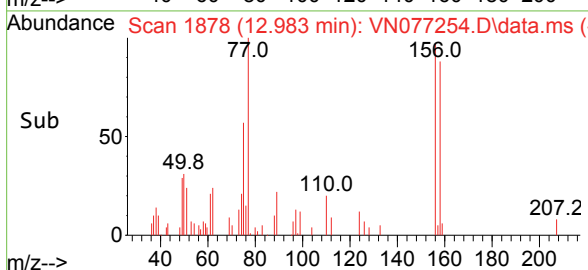
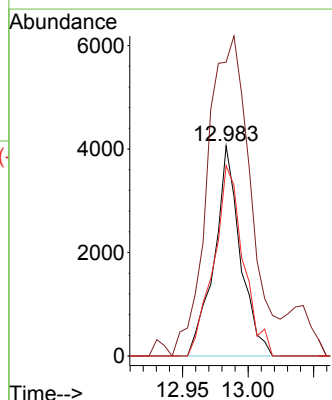
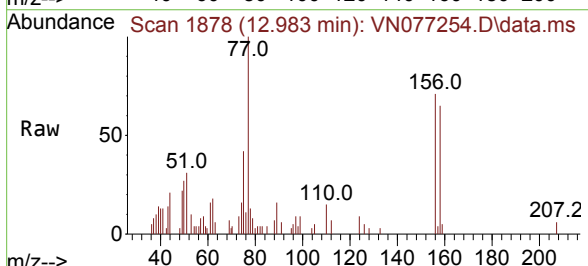
Tgt Ion: 156 Resp: 5588

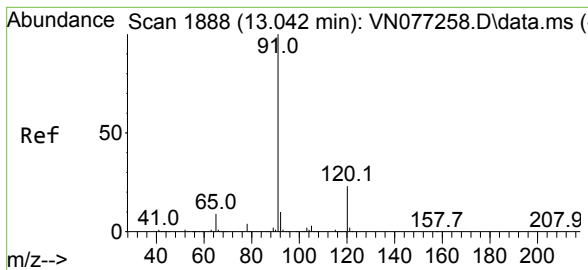
Ion Ratio Lower Upper

156 100

77 254.7 115.3 345.8

158 103.0 49.3 147.8





#78

n-propylbenzene

Concen: 1.006 ug/l

RT: 13.042 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

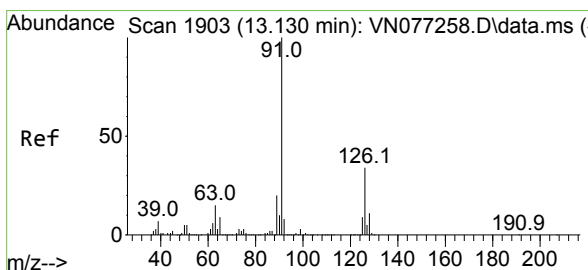
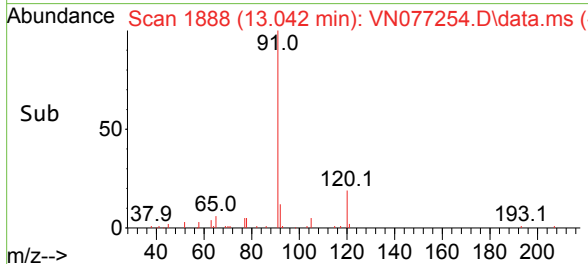
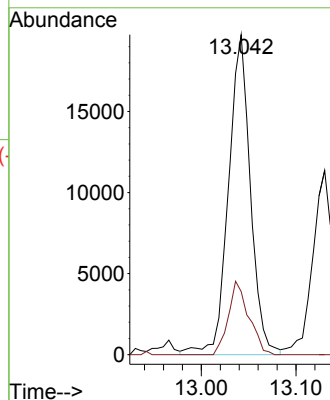
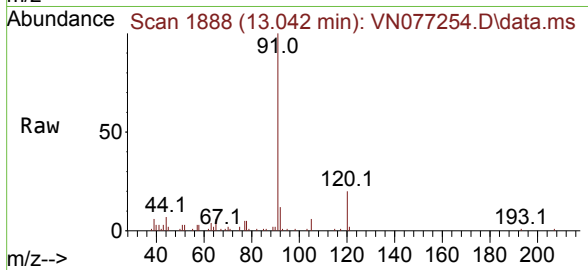
VSTDIC001

Tgt Ion: 91 Resp: 31812

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.5



#79

2-Chlorotoluene

Concen: 0.999 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077254.D

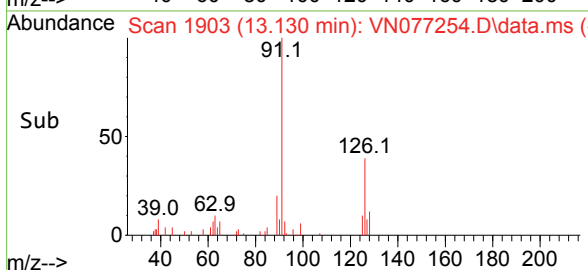
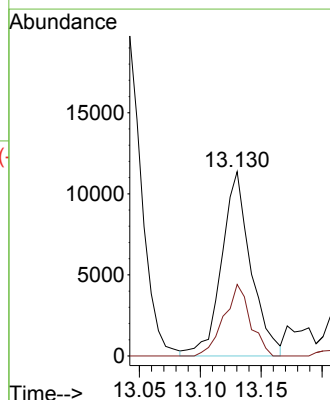
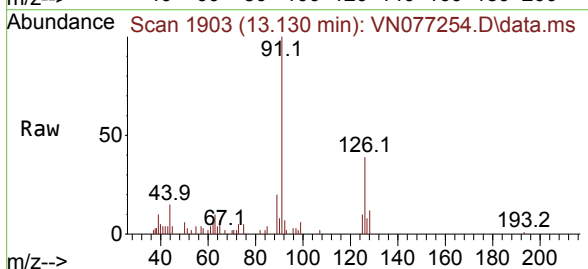
Acq: 05 Apr 2023 10:51

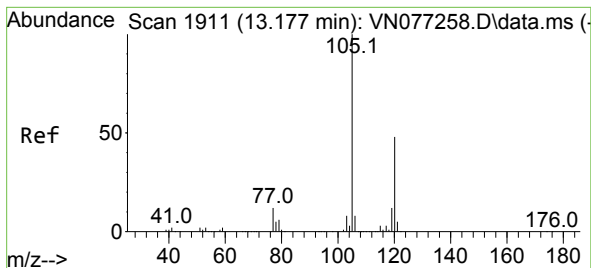
Tgt Ion: 91 Resp: 19012

Ion Ratio Lower Upper

91 100

126 35.1 16.8 50.4





#80

1,3,5-Trimethylbenzene

Concen: 0.899 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

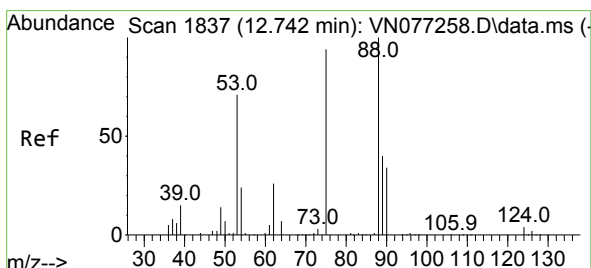
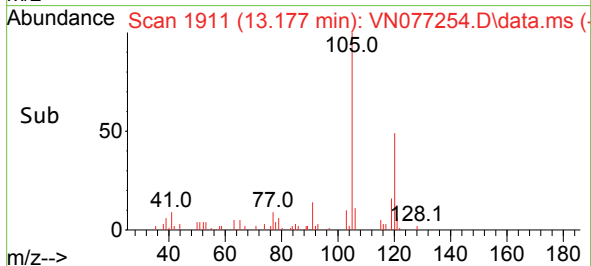
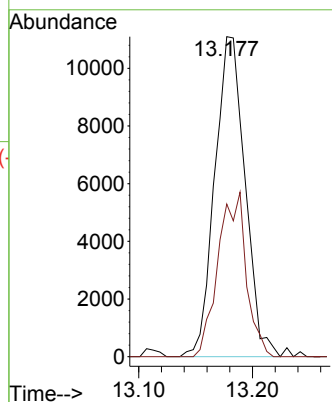
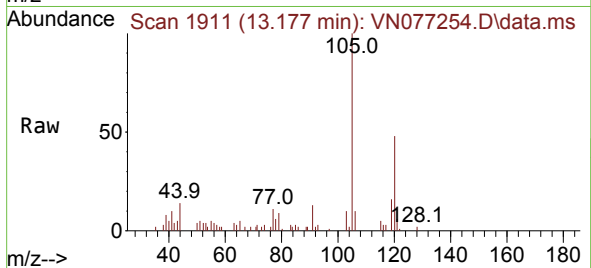
VSTDIC001

Tgt Ion:105 Resp: 20557

Ion Ratio Lower Upper

105 100

120 47.6 24.3 73.0



#81

trans-1,4-Dichloro-2-butene

Concen: 1.062 ug/l

RT: 12.748 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

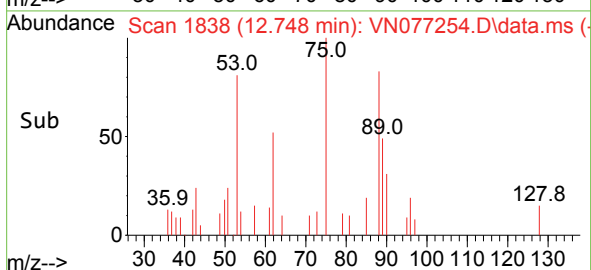
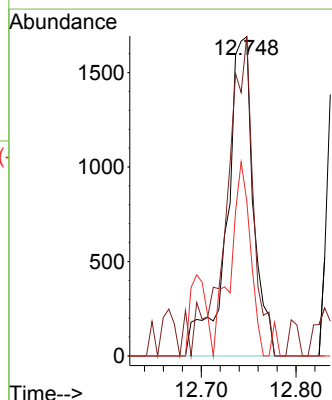
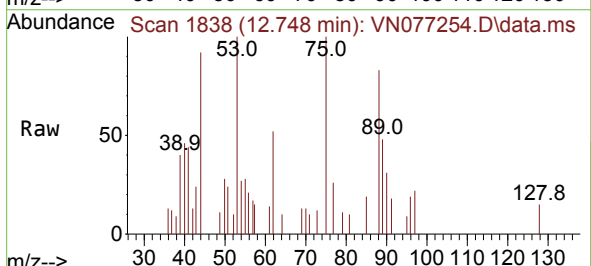
Tgt Ion: 75 Resp: 3312

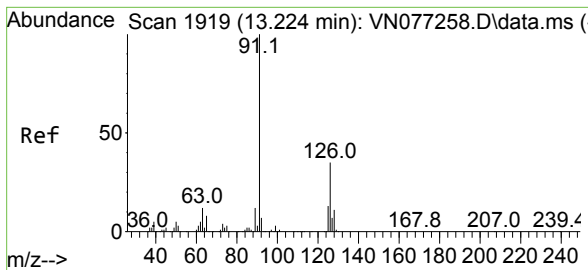
Ion Ratio Lower Upper

75 100

53 102.5 72.8 109.2

89 45.7 37.4 56.2

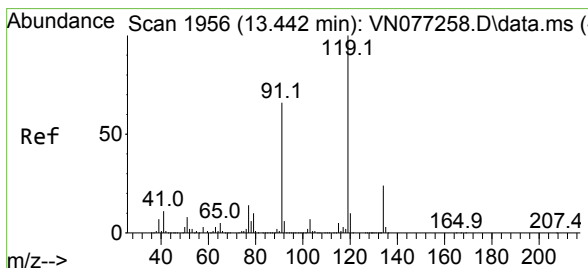
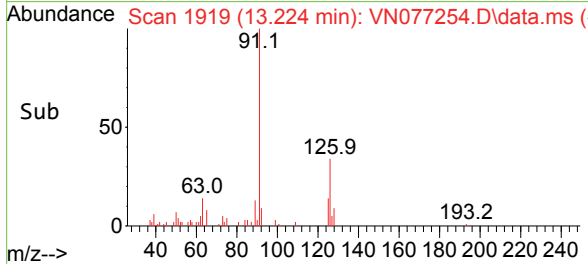
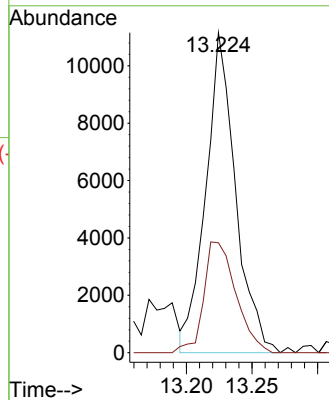
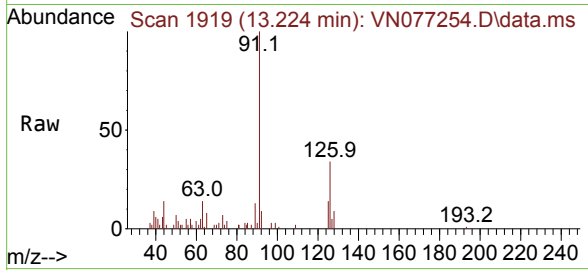




#82
4-Chlorotoluene
Concen: 0.980 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

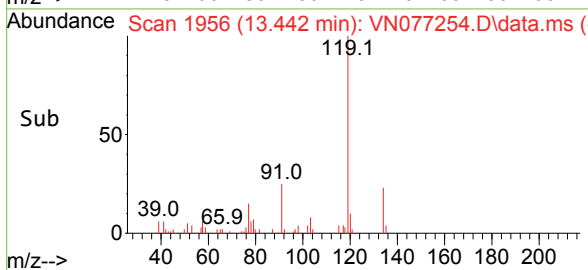
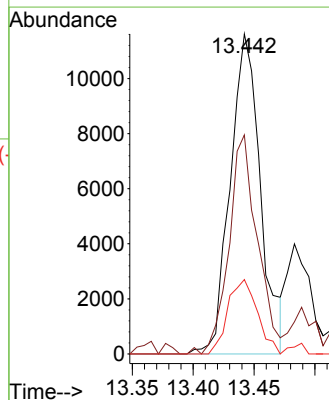
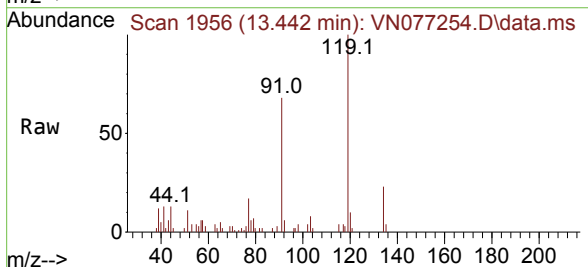
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

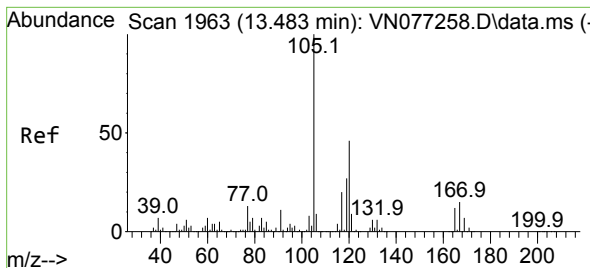
Tgt Ion: 91 Resp: 17588
Ion Ratio Lower Upper
91 100
126 37.6 16.9 50.7



#83
tert-Butylbenzene
Concen: 0.987 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 119 Resp: 20079
Ion Ratio Lower Upper
119 100
91 64.3 33.5 100.4
134 22.7 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 0.917 ug/l

RT: 13.489 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

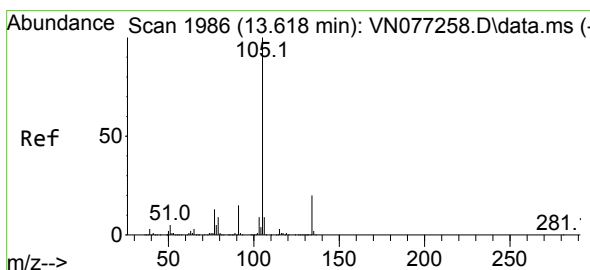
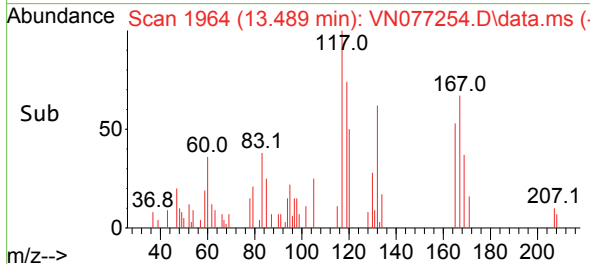
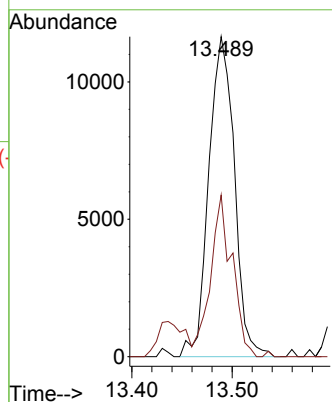
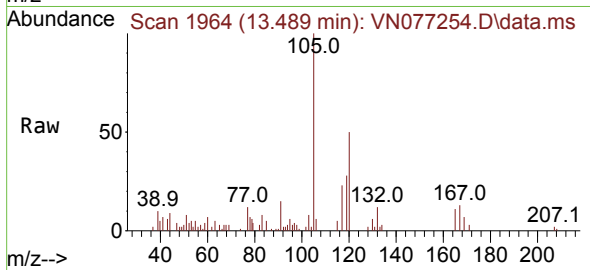
VSTDIC001

Tgt Ion:105 Resp: 20696

Ion Ratio Lower Upper

105 100

120 42.5 22.5 67.5



#85

sec-Butylbenzene

Concen: 0.930 ug/l

RT: 13.624 min Scan# 1987

Delta R.T. 0.006 min

Lab File: VN077254.D

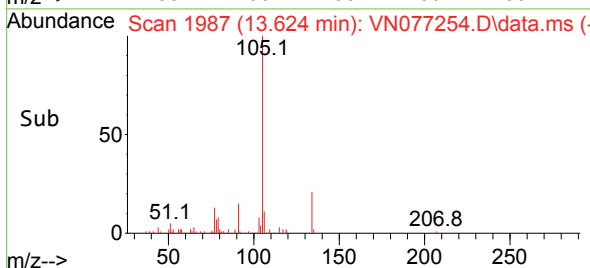
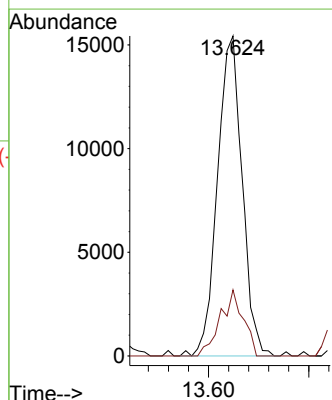
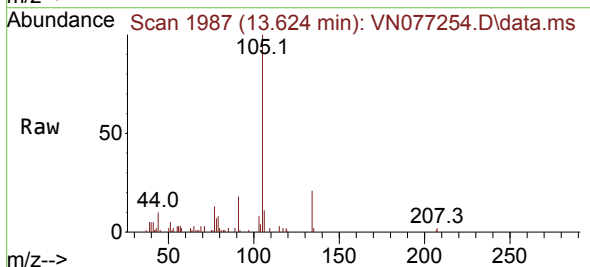
Acq: 05 Apr 2023 10:51

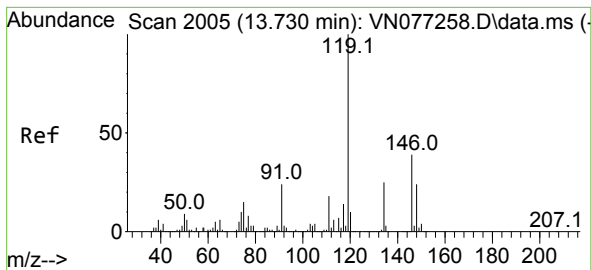
Tgt Ion:105 Resp: 26362

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.867 ug/l

RT: 13.736 min Scan# 2005

Delta R.T. 0.006 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

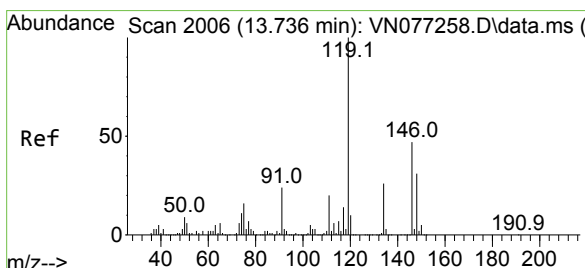
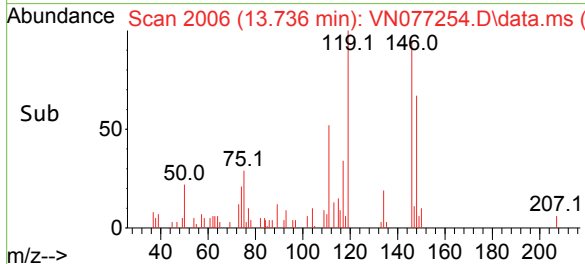
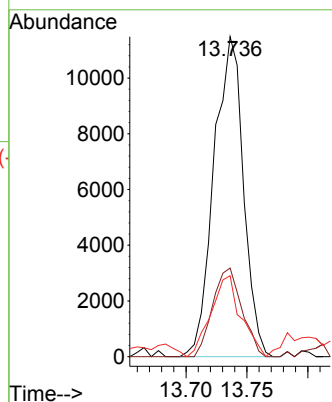
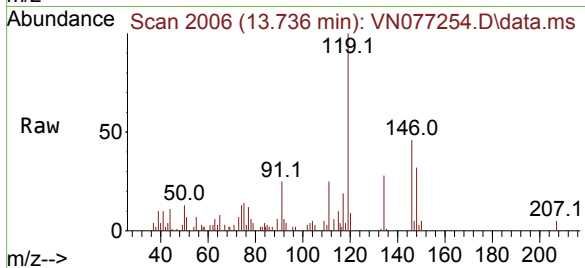
Tgt Ion:119 Resp: 19320

Ion Ratio Lower Upper

119 100

134 27.3 12.9 38.6

91 25.7 12.3 36.8



#87

1,3-Dichlorobenzene

Concen: 0.904 ug/l

RT: 13.742 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VN077254.D

Acq: 05 Apr 2023 10:51

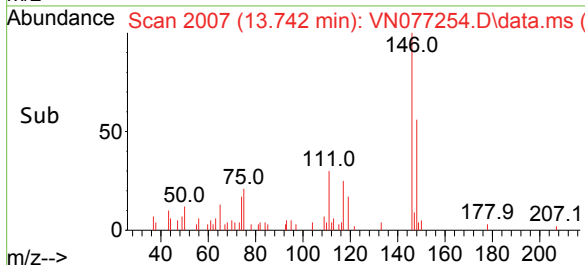
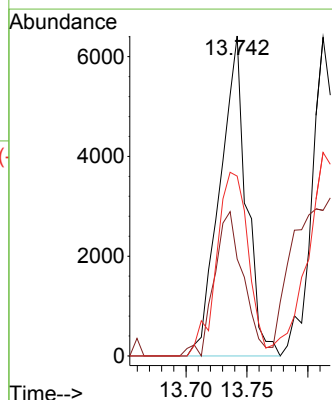
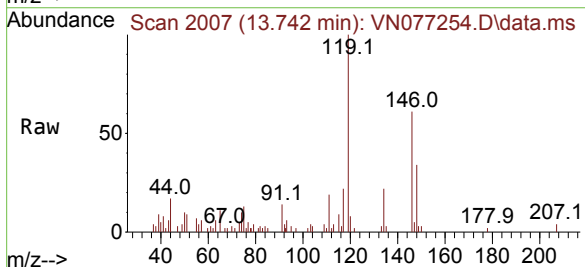
Tgt Ion:146 Resp: 9728

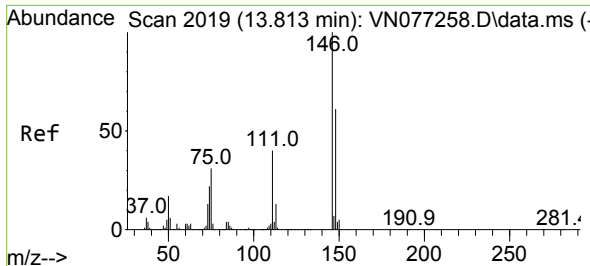
Ion Ratio Lower Upper

146 100

111 49.1 21.8 65.4

148 69.4 31.7 95.1

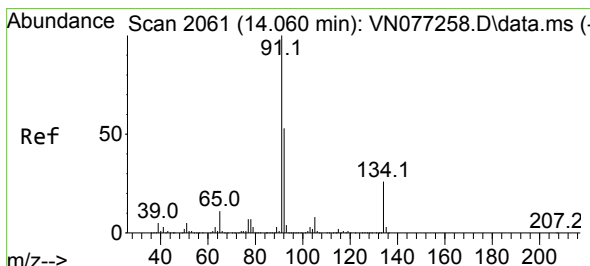
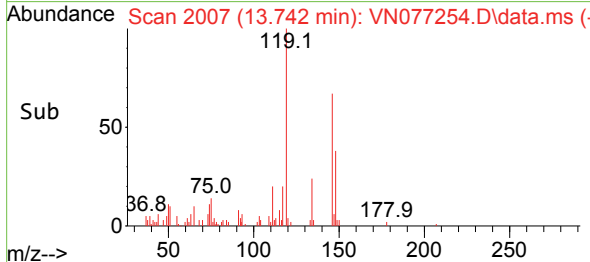
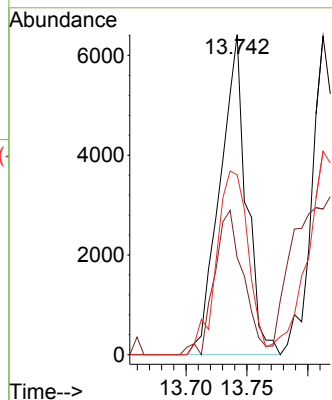
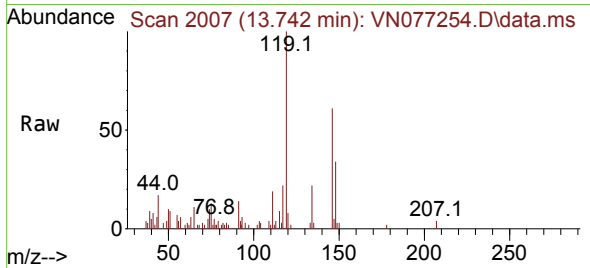




#88
1,4-Dichlorobenzene
Concen: 0.916 ug/l
RT: 13.742 min Scan# 2019
Delta R.T. -0.071 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

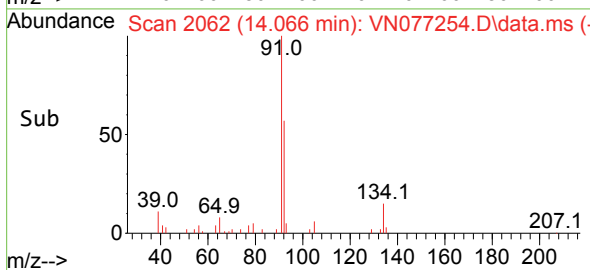
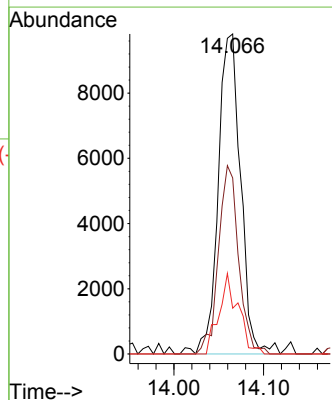
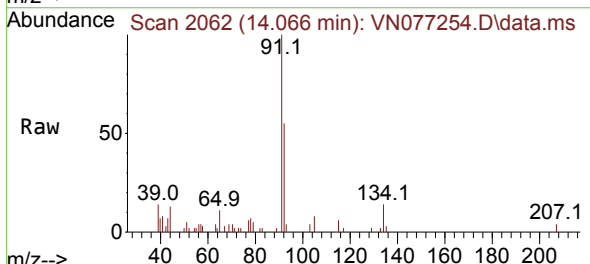
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

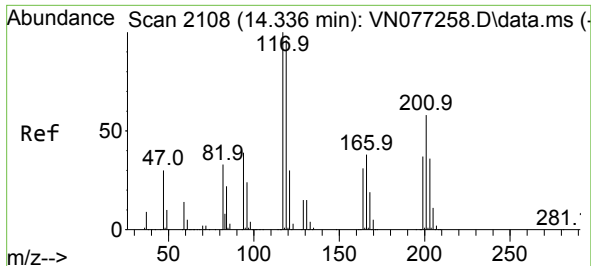
Tgt Ion:146 Resp: 9728
Ion Ratio Lower Upper
146 100
111 49.1 20.4 61.2
148 69.4 31.6 95.0



#89
n-Butylbenzene
Concen: 0.921 ug/l
RT: 14.066 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion: 91 Resp: 17037
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.0
134 21.7 12.8 38.3

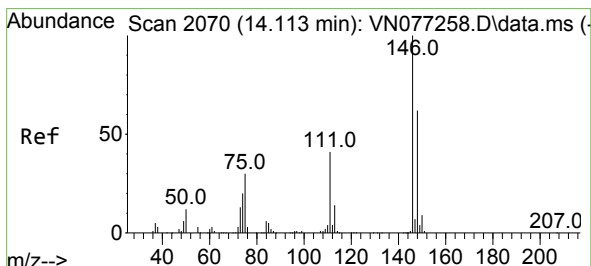
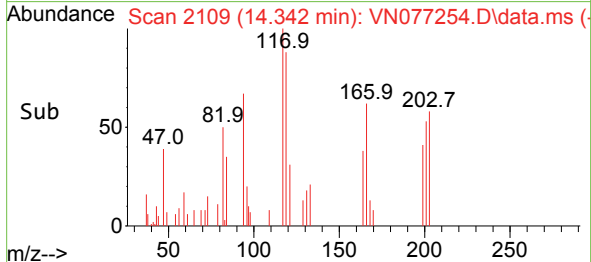
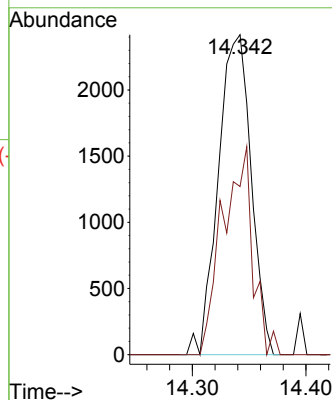
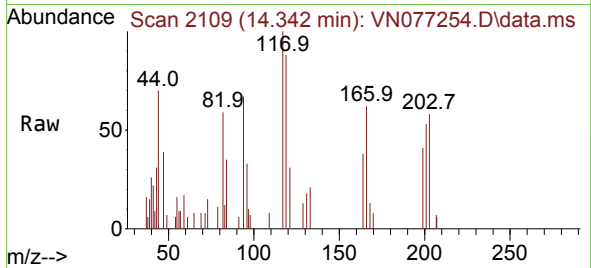




#90
Hexachloroethane
Concen: 0.999 ug/l
RT: 14.342 min Scan# 2108
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

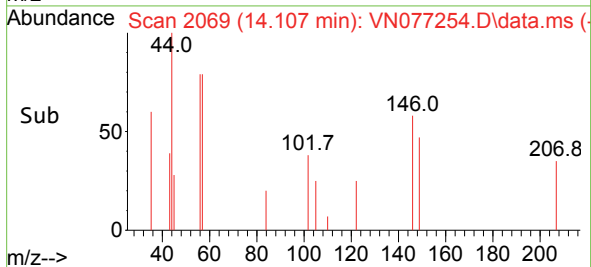
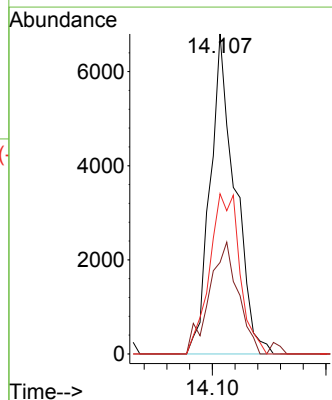
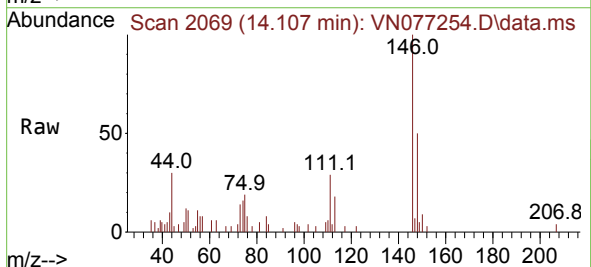
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

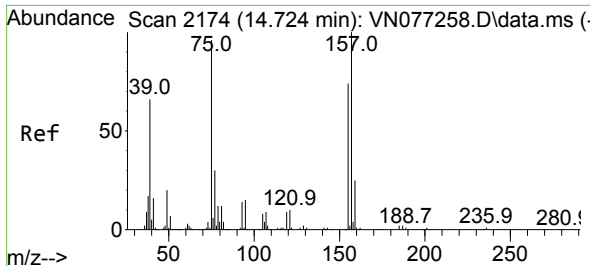
Tgt Ion:117 Resp: 4867
Ion Ratio Lower Upper
117 100
201 59.2 29.8 89.5



#91
1,2-Dichlorobenzene
Concen: 0.957 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion:146 Resp: 10310
Ion Ratio Lower Upper
146 100
111 40.6 21.9 65.5
148 61.1 31.9 95.5

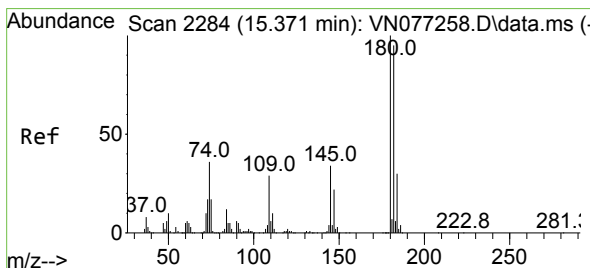
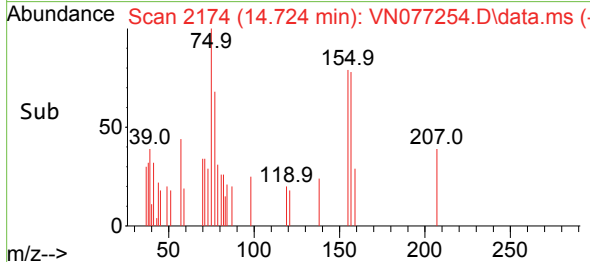
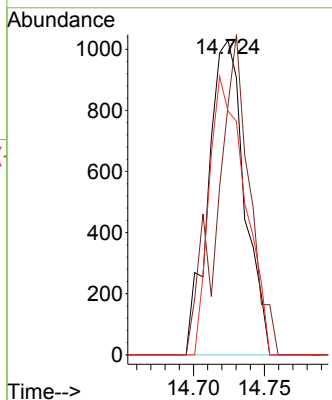
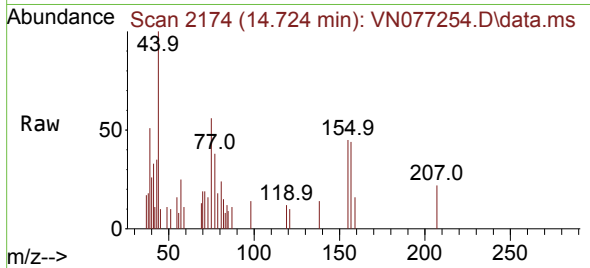




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.068 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

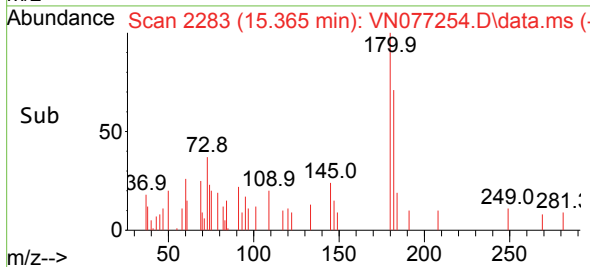
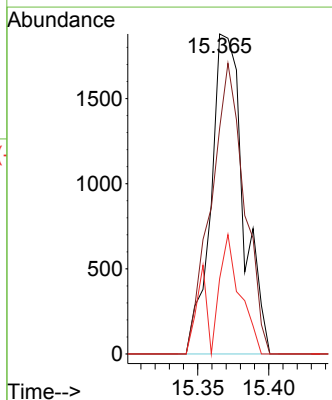
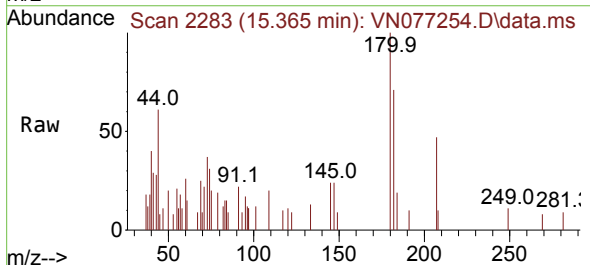
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

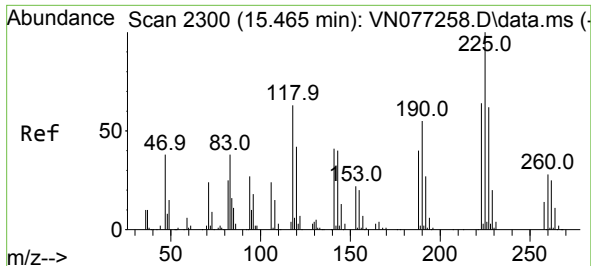
Tgt Ion: 75 Resp: 1817
 Ion Ratio Lower Upper
 75 100
 155 91.6 41.0 123.2
 157 87.6 54.0 162.0



#93
 1,2,4-Trichlorobenzene
 Concen: 0.767 ug/l
 RT: 15.365 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

Tgt Ion: 180 Resp: 2981
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.7 140.0
 145 23.5 16.6 49.8

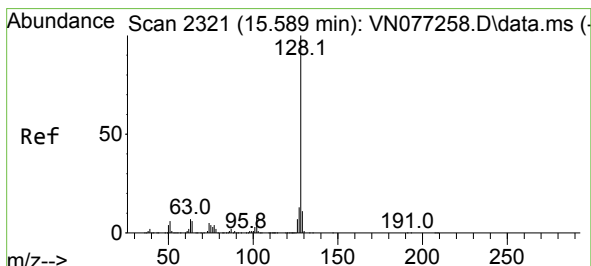
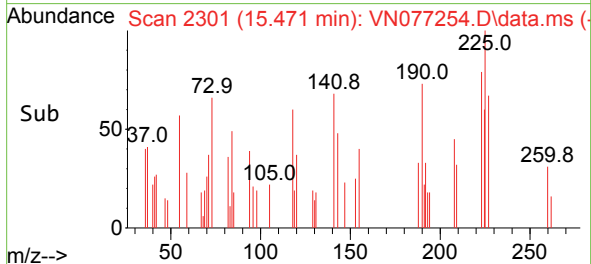
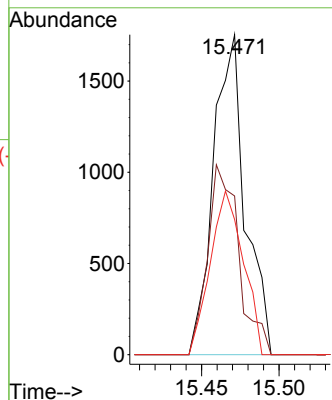
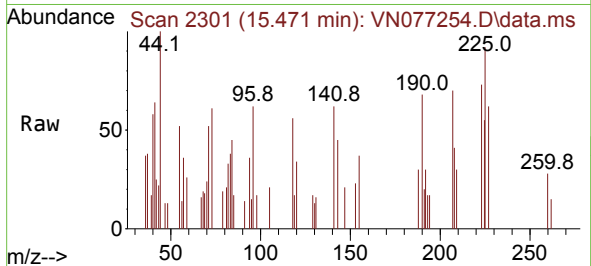




#94
Hexachlorobutadiene
Concen: 1.108 ug/l
RT: 15.471 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

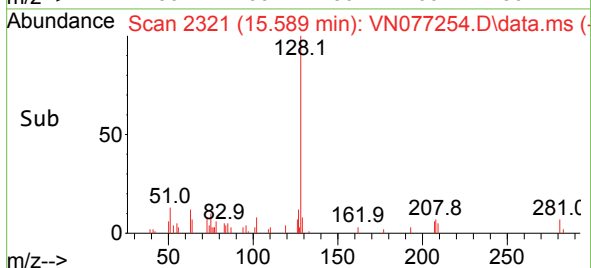
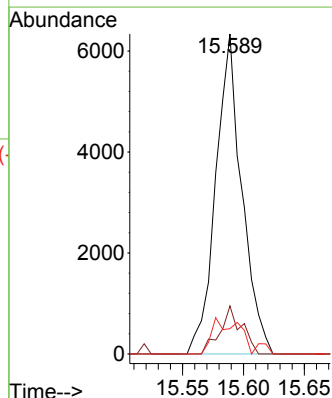
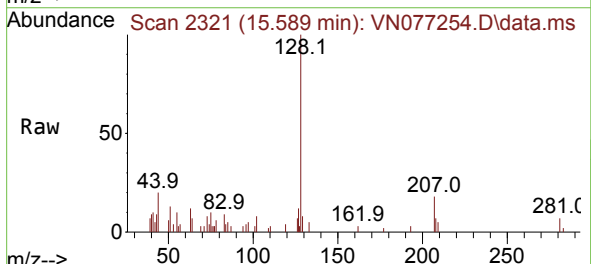
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

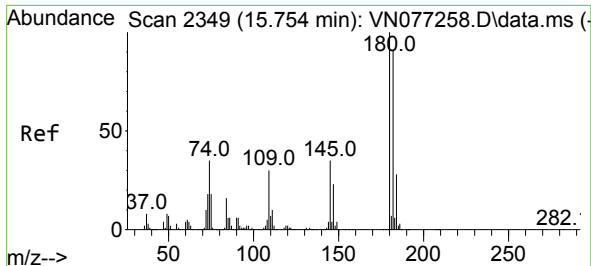
Tgt Ion:	225	Resp:	2494
Ion Ratio	Lower	Upper	
225	100		
223	58.3	31.7	95.1
227	53.2	31.2	93.6



#95
Naphthalene
Concen: 0.649 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077254.D
Acq: 05 Apr 2023 10:51

Tgt Ion:	128	Resp:	9475
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	12.8	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.752 ug/l
 RT: 15.754 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077254.D
 Acq: 05 Apr 2023 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:	180	Resp:	2796
Ion	Ratio	Lower	Upper
180	100		
182	89.5	46.9	140.8
145	43.4	17.6	52.8

