

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078344.D
 Acq On : 22 Jun 2023 12:42
 Operator : JC\MD
 Sample : VN0622MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBL01

Quant Time: Jun 22 17:01:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	484946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	898745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	780337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	246685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	323380	50.014	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.020%
35) Dibromofluoromethane	8.171	113	305115	53.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.380%
50) Toluene-d8	10.571	98	1004649	45.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.853	95	329071	48.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1441	Below Cal	#	62
5) Bromomethane	2.995	94	4766	0.879	ug/l	83
10) Methyl Iodide	4.612	142	3383	0.466	ug/l #	69
11) Tert butyl alcohol	5.518	59	499	0.559	ug/l #	72
15) Acrylonitrile	5.753	53	2661	1.156	ug/l #	27
16) Acetone	4.459	43	2259	1.214	ug/l #	67
17) Carbon Disulfide	4.724	76	6519	0.478	ug/l	99
20) Methylene Chloride	5.283	84	1924	0.313	ug/l #	70
25) 2-Butanone	7.494	43	1157	0.404	ug/l #	60
29) Tetrahydrofuran	7.853	42	615	0.321	ug/l #	20
31) Cyclohexane	8.224	56	11564	1.394	ug/l #	49
36) 1,1-Dichloropropene	8.235	75	39671	4.867	ug/l #	47
38) Carbon Tetrachloride	8.230	117	54383	6.319	ug/l #	17
39) Methylcyclohexane	9.612	83	2455	0.291	ug/l	94
43) Isopropyl Acetate	8.741	43	10565	0.868	ug/l #	49
49) 1,4-Dioxane	9.706	88	342	3.184	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	3739	0.583	ug/l #	80
58) 2-Chloroethyl Vinyl ether	10.171	63	754	0.221	ug/l #	42
59) 2-Hexanone	11.200	43	5815	1.302	ug/l	91
68) m/p-Xylenes	12.076	106	2462	0.224	ug/l	76
74) N-amyl acetate	12.500	43	3000	0.391	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.947	83	1642	Below Cal	#	83
76) 1,2,3-Trichloropropane	12.853	75	175471	30.089	ug/l #	1
77) Bromobenzene	12.982	156	1635	0.302	ug/l	74
78) n-propylbenzene	13.047	91	5358	0.211	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.853	75	175471	92.443	ug/l #	15
82) 4-Chlorotoluene	13.223	91	4451	0.292	ug/l	96
83) tert-Butylbenzene	13.441	119	3800	0.231	ug/l	83
84) 1,2,4-Trimethylbenzene	13.488	105	4580	0.250	ug/l	85
85) sec-Butylbenzene	13.617	105	10250	0.477	ug/l	93
86) p-Isopropyltoluene	13.735	119	7499	0.430	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	3738	0.408	ug/l	99
88) 1,4-Dichlorobenzene	13.741	146	3738	0.423	ug/l	96
89) n-Butylbenzene	14.059	91	9475	0.689	ug/l	91
90) Hexachloroethane	14.341	117	1033	0.334	ug/l	63
91) 1,2-Dichlorobenzene	14.112	146	3984	0.445	ug/l	98

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
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VN0622MBL01

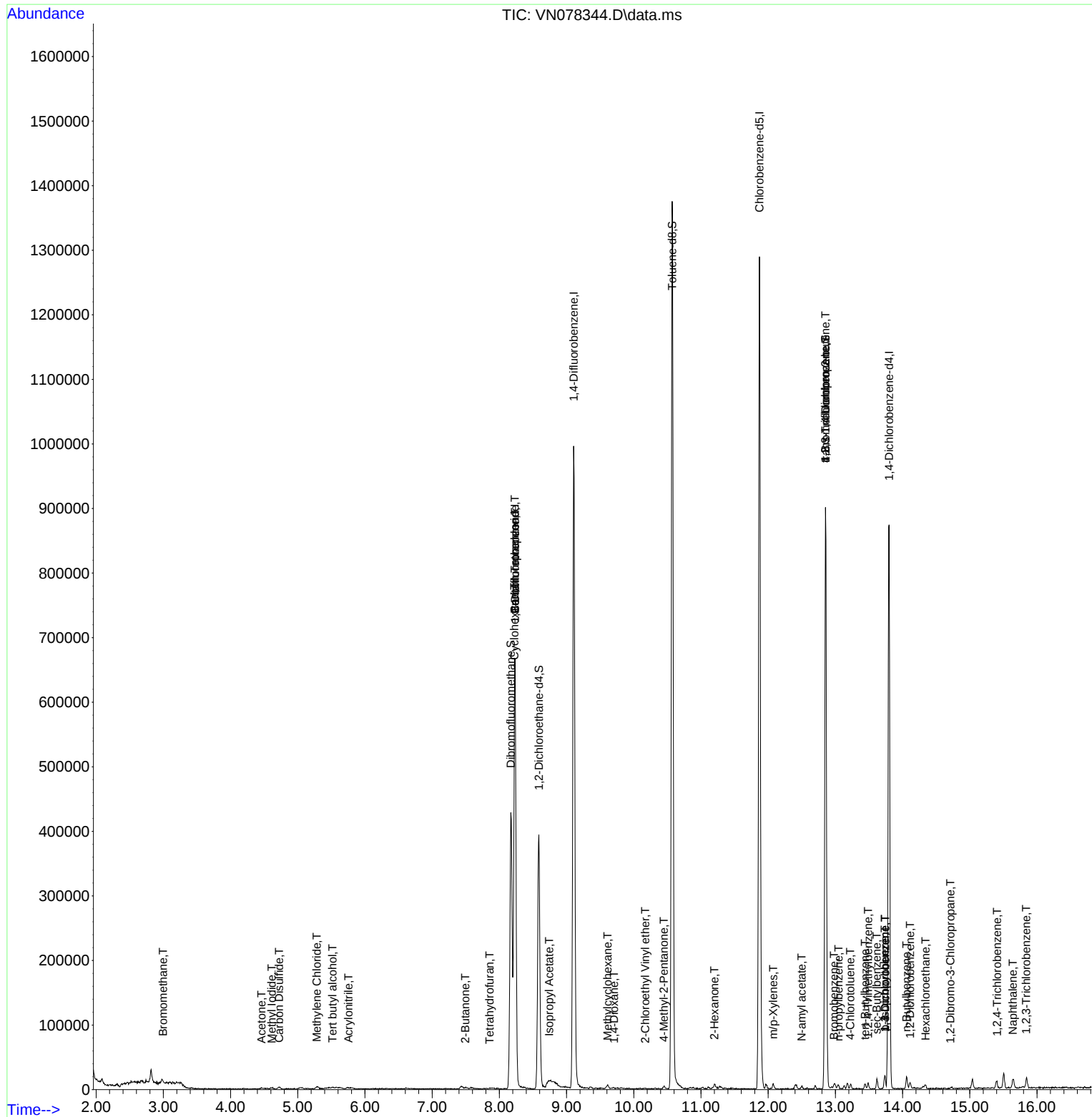
Quant Time: Jun 22 17:01:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

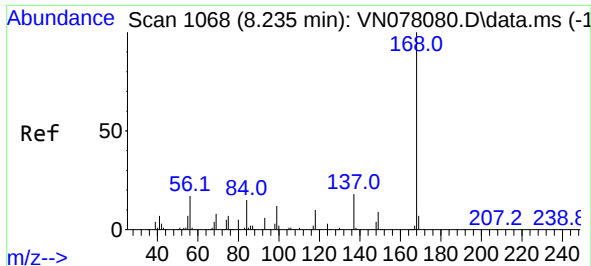
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.712	75	355	0.307	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.406	180	4715	1.478	ug/l	84
95) Naphthalene	15.641	128	13336	1.243	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.841	180	5573	1.562	ug/l	98

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

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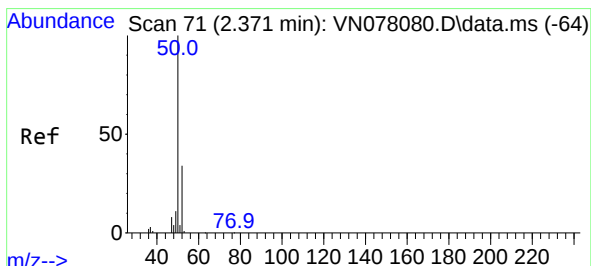
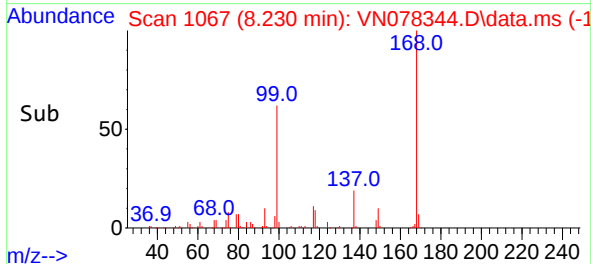
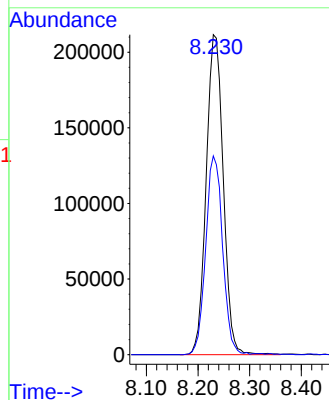
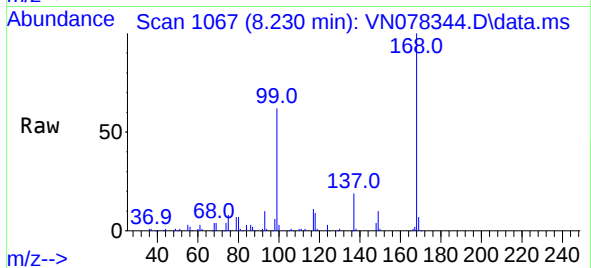




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

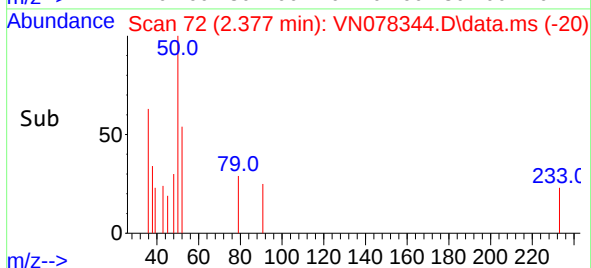
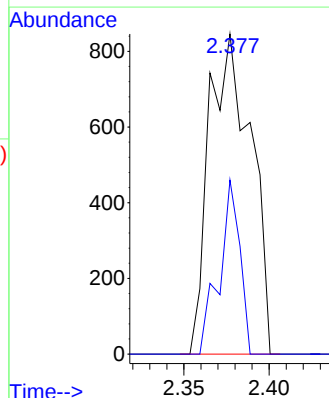
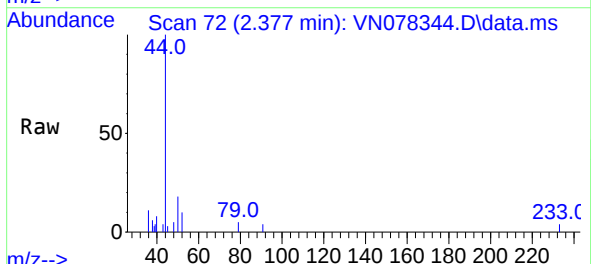
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

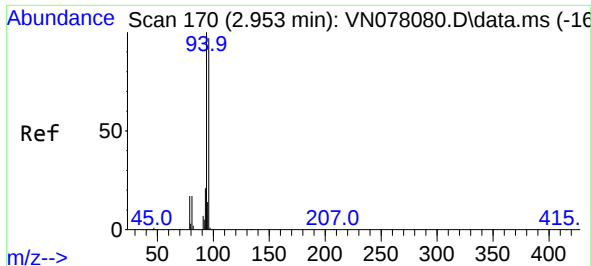
Tgt Ion:168 Resp: 484946
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 50 Resp: 1441
Ion Ratio Lower Upper
50 100
52 54.4 26.5 39.7#

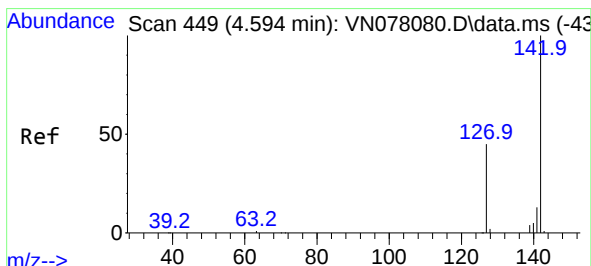
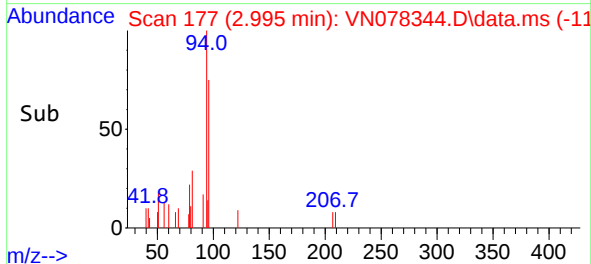
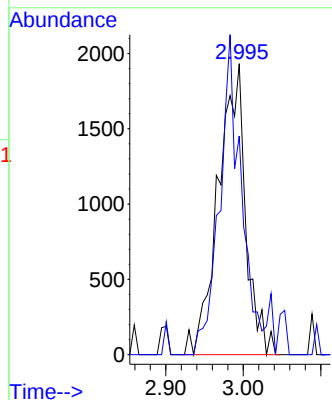
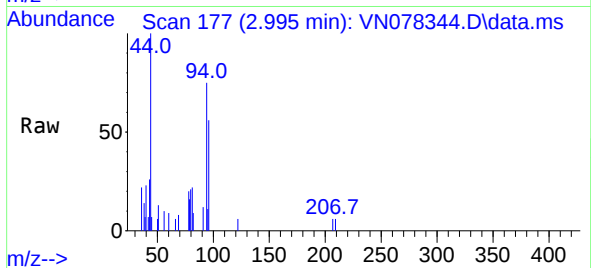




#5
Bromomethane
Concen: 0.879 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

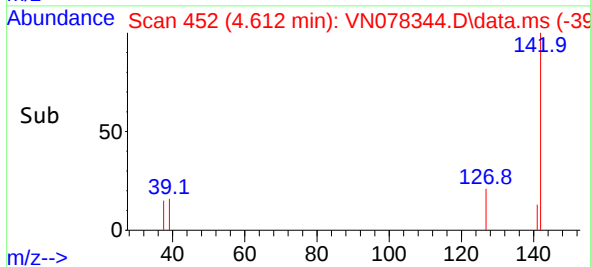
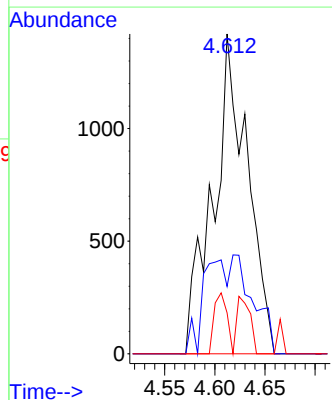
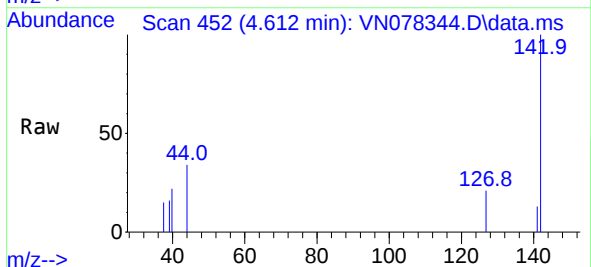
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

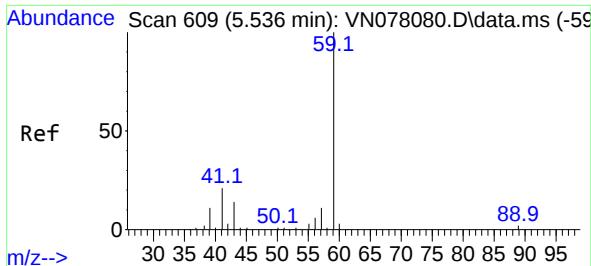
Tgt Ion: 94 Resp: 4766
Ion Ratio Lower Upper
94 100
96 75.1 73.1 109.7



#10
Methyl Iodide
Concen: 0.466 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.018 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 142 Resp: 3383
Ion Ratio Lower Upper
142 100
127 21.1 37.6 56.4#
141 12.8 11.4 17.0

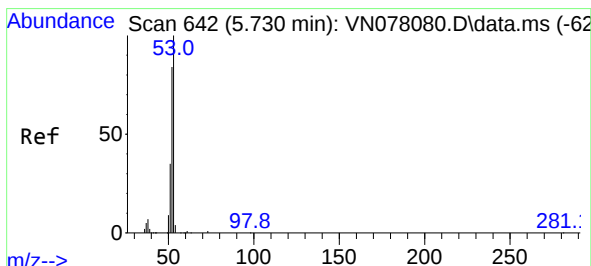
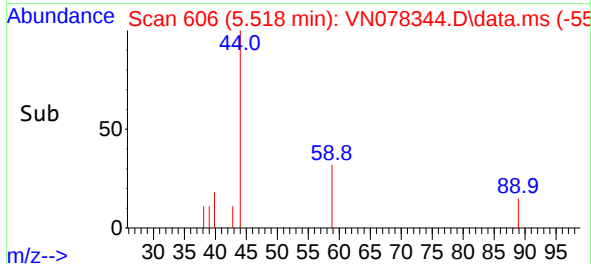
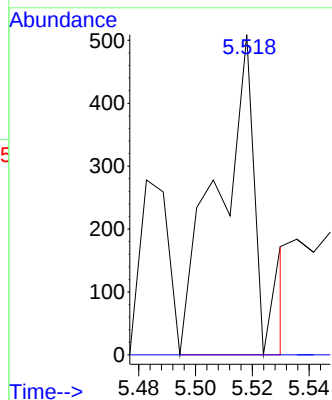
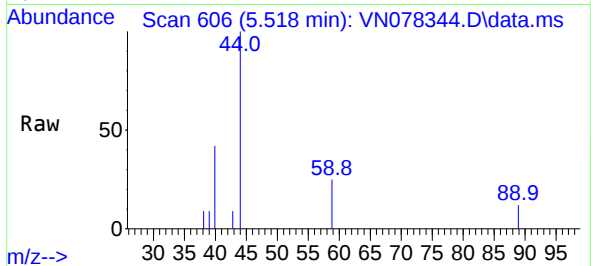




#11
Tert butyl alcohol
Concen: 0.559 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

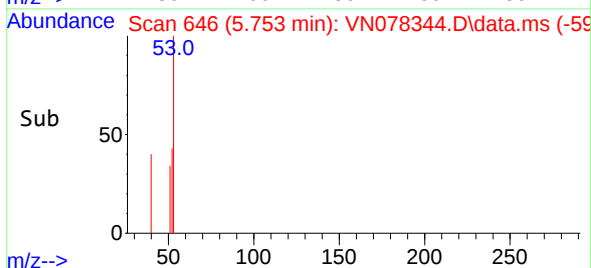
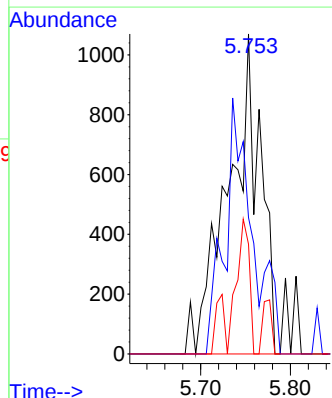
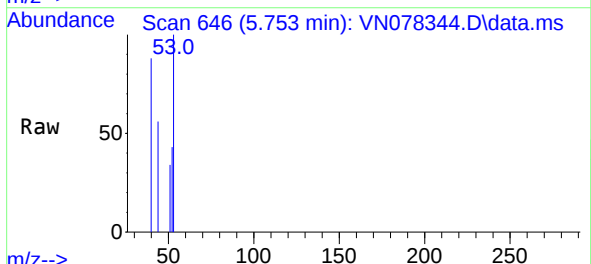
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

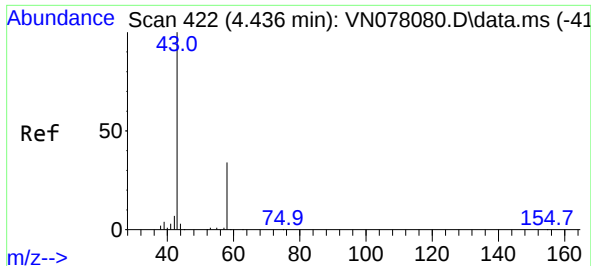
Tgt Ion: 59 Resp: 499
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#15
Acrylonitrile
Concen: 1.156 ug/l
RT: 5.753 min Scan# 646
Delta R.T. 0.024 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 53 Resp: 2661
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 16.8 28.9 43.3#

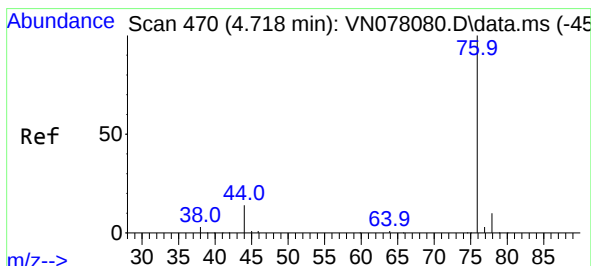
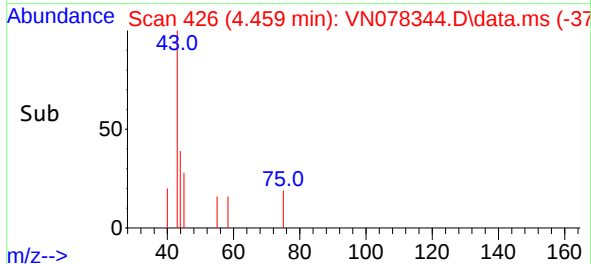
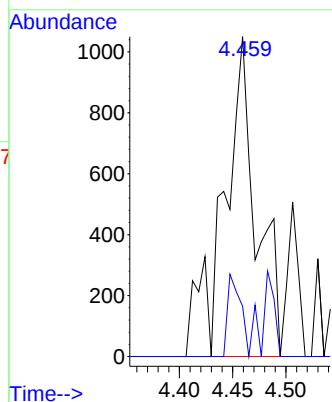
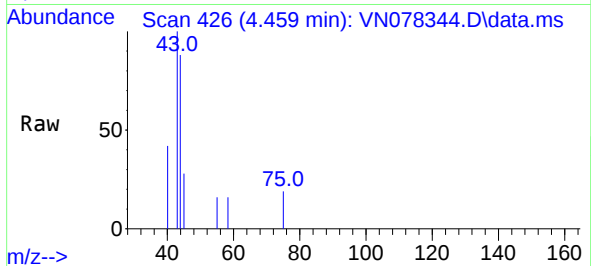




#16
Acetone
Concen: 1.214 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

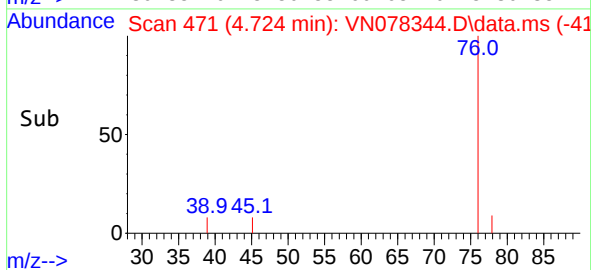
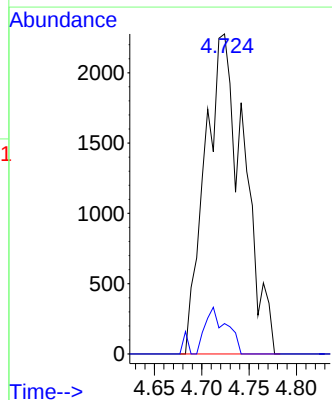
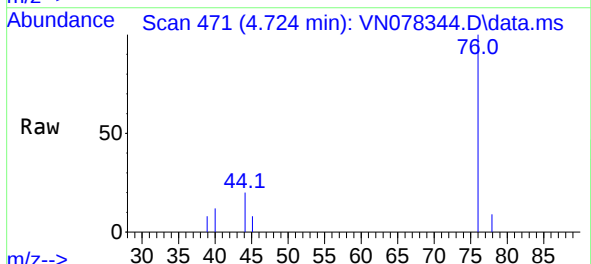
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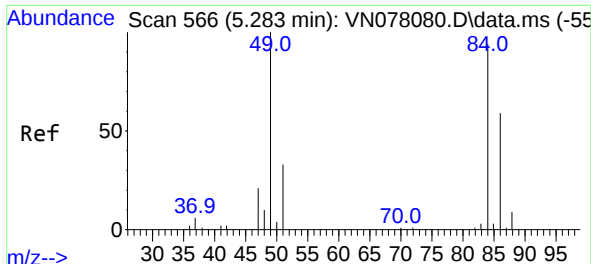
Tgt Ion: 43 Resp: 2259
Ion Ratio Lower Upper
43 100
58 15.7 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.478 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

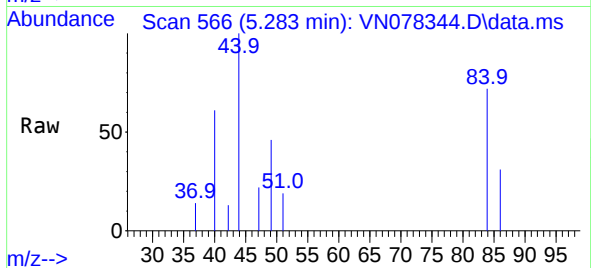
Tgt Ion: 76 Resp: 6519
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



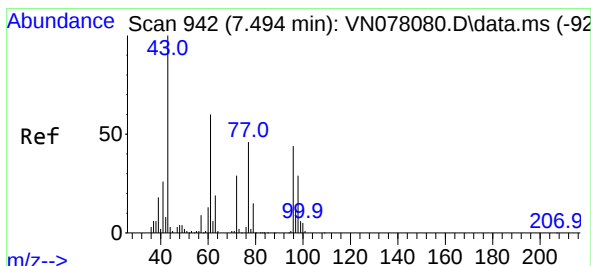
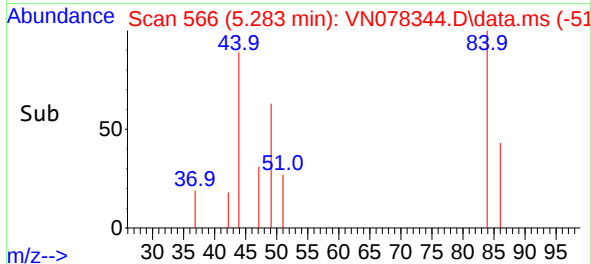
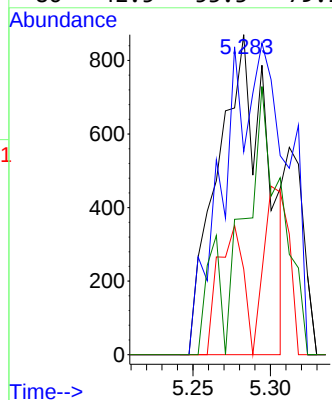


#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Instrument :
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ClientSampleId :
VN0622MBL01

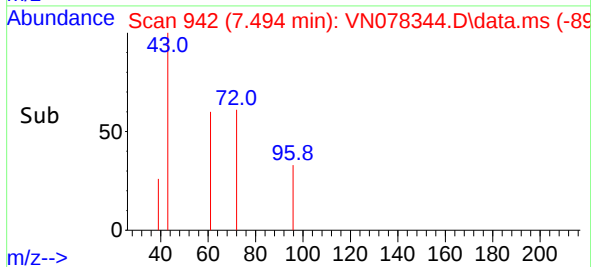
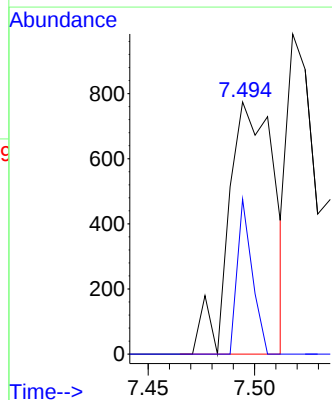
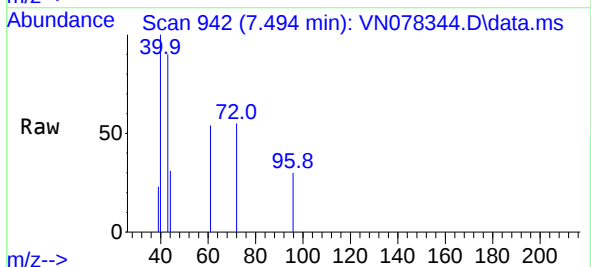


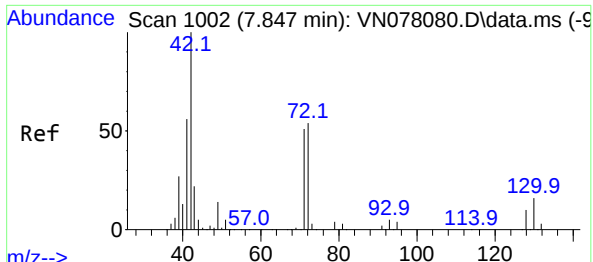
Tgt Ion:	84	Resp:	1924
Ion	Ratio	Lower	Upper
84	100		
49	63.4	79.7	119.5#
51	26.8	25.2	37.8
86	42.5	53.3	79.9#



#25
2-Butanone
Concen: 0.404 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078344.D
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Tgt Ion:	43	Resp:	1157
Ion	Ratio	Lower	Upper
43	100		
72	61.5	30.2	45.2#

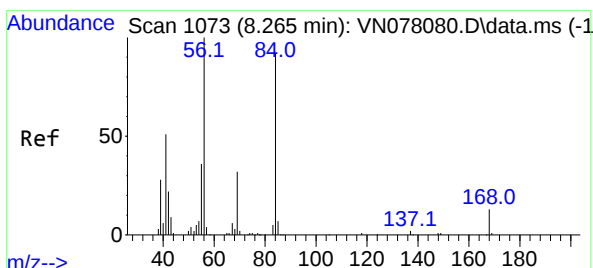
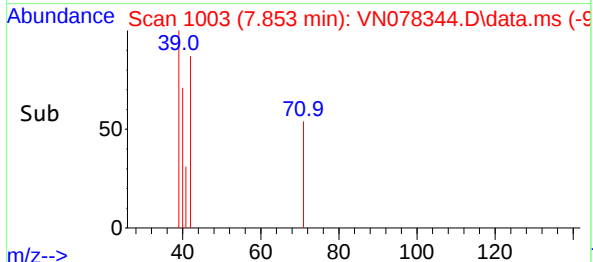
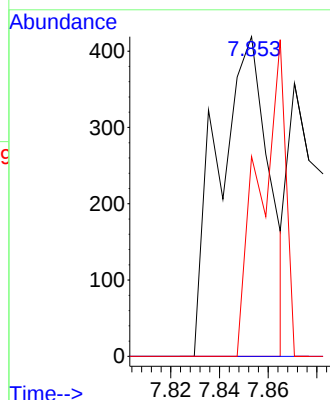
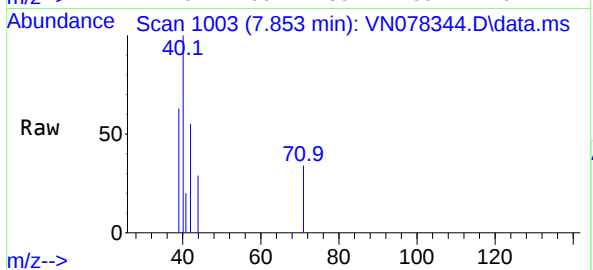




#29
Tetrahydrofuran
Concen: 0.321 ug/l
RT: 7.853 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

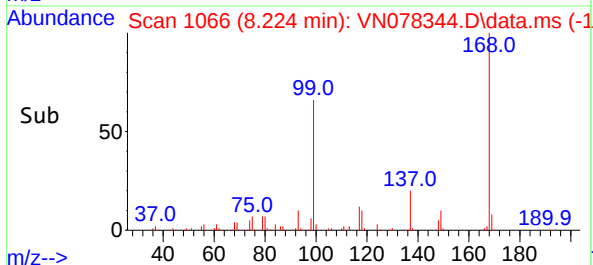
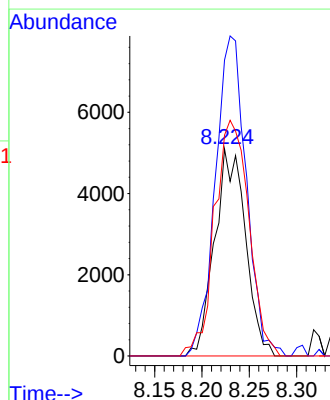
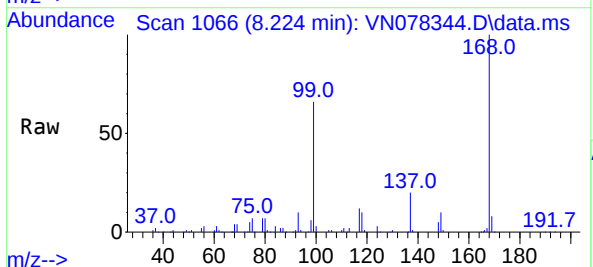
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ClientSampleId :
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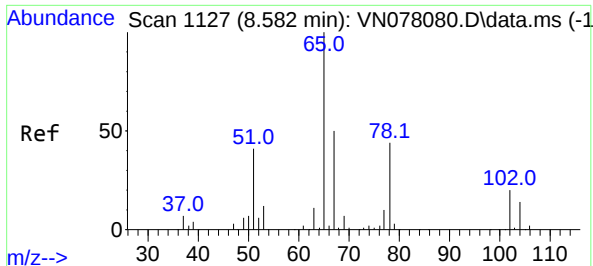
Tgt Ion: 42 Resp: 615
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#



#31
Cyclohexane
Concen: 1.394 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 56 Resp: 11564
Ion Ratio Lower Upper
56 100
69 142.9 26.8 40.2#
84 106.6 81.8 122.6

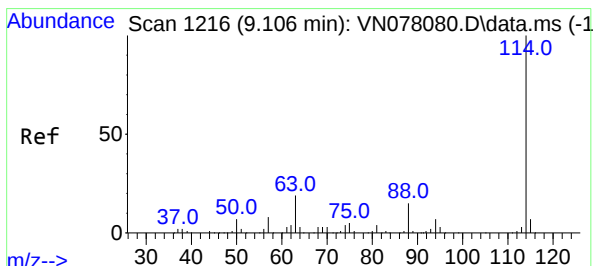
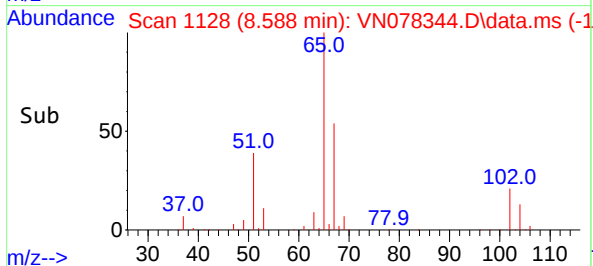
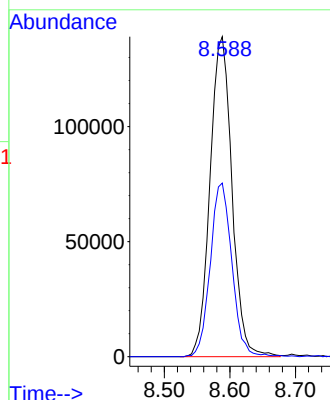
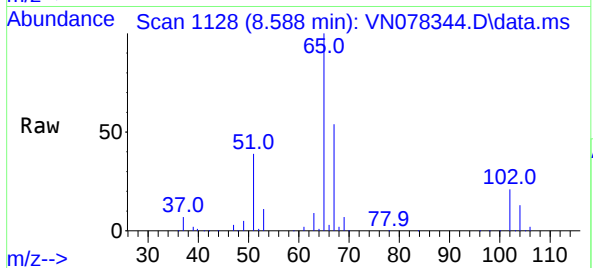




#33
1,2-Dichloroethane-d4
Concen: 50.014 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

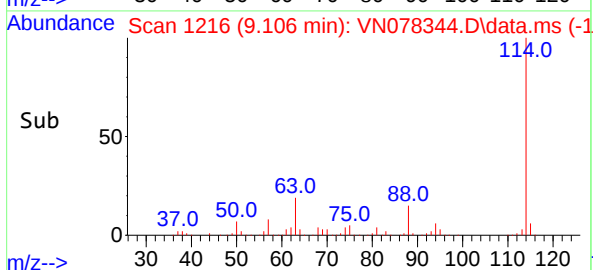
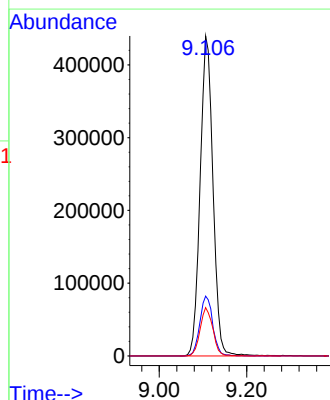
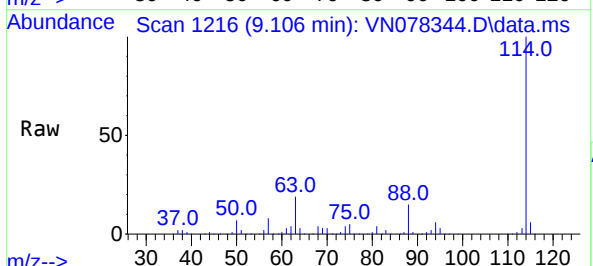
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

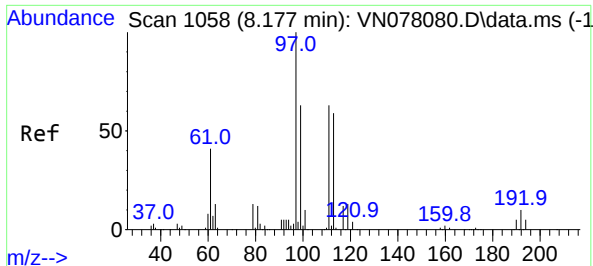
Tgt Ion: 65 Resp: 323380
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 114 Resp: 898745
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 15.1 0.0 30.6

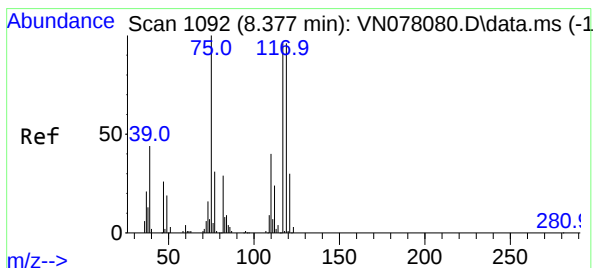
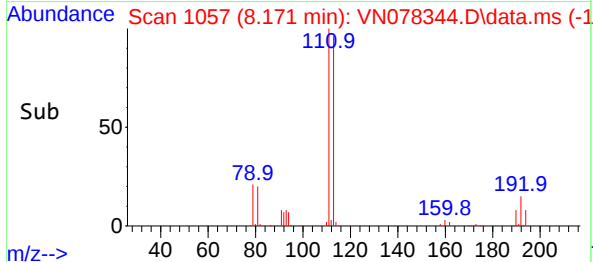
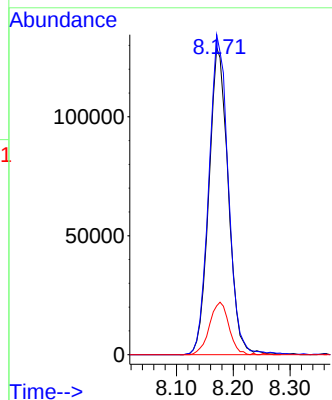
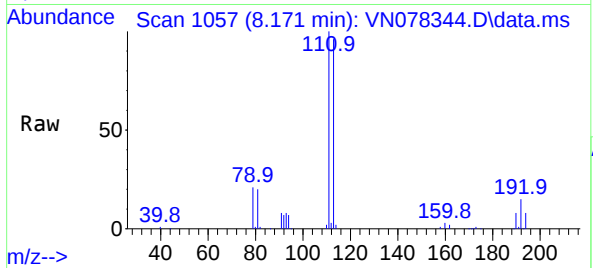




#35
Dibromofluoromethane
Concen: 53.692 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

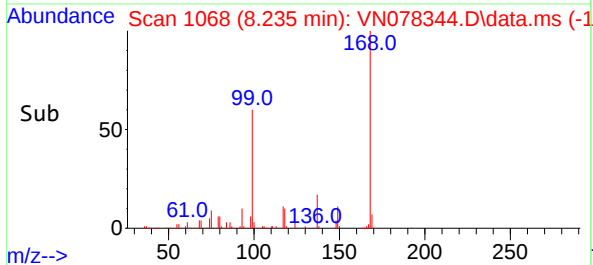
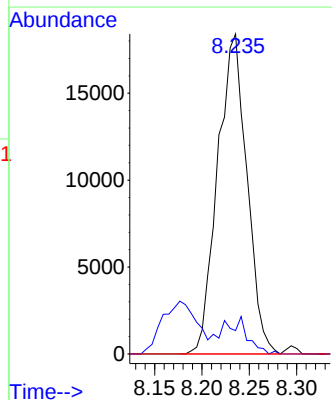
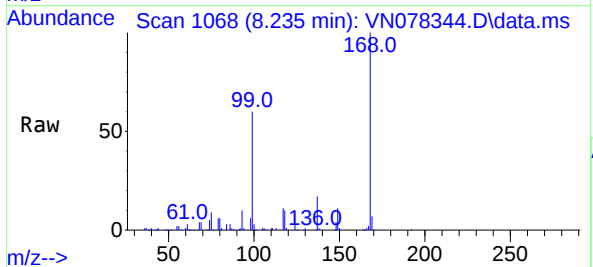
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

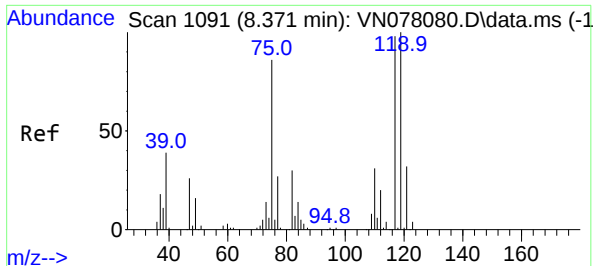
Tgt Ion:113 Resp: 305115
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

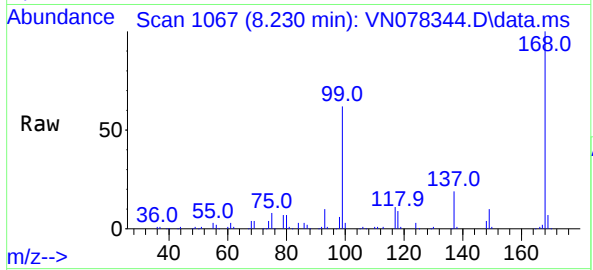
Tgt Ion: 75 Resp: 39671
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.3#
77 0.0 25.0 37.4#



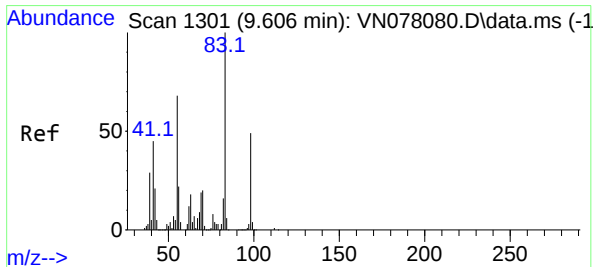
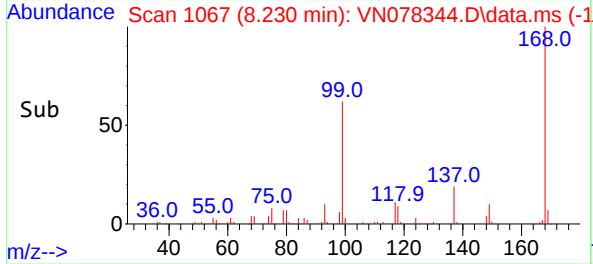
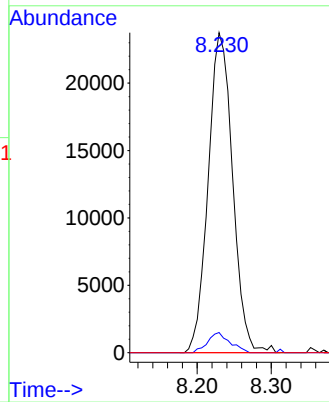


#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

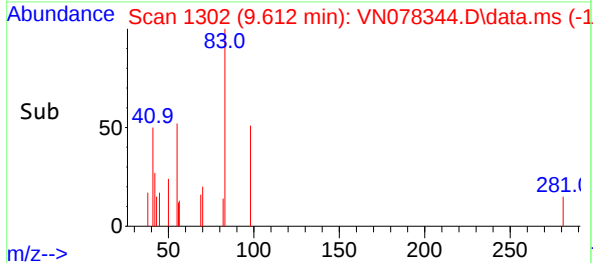
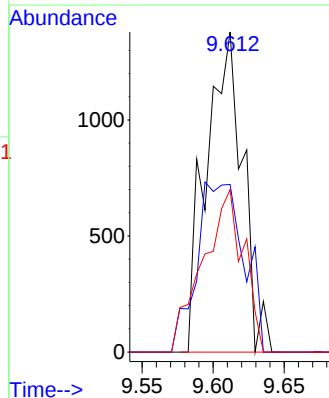
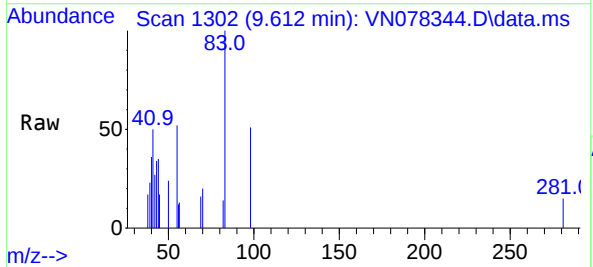


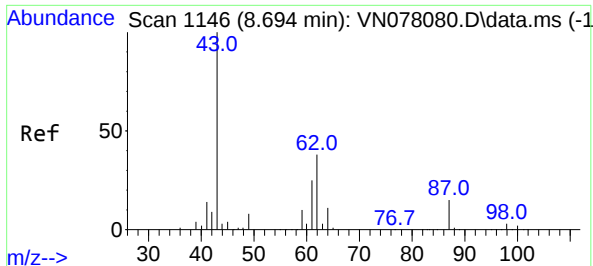
Tgt Ion:117 Resp: 54383
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.291 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 83 Resp: 2455
Ion Ratio Lower Upper
83 100
55 52.4 49.1 73.7
98 50.8 40.6 61.0

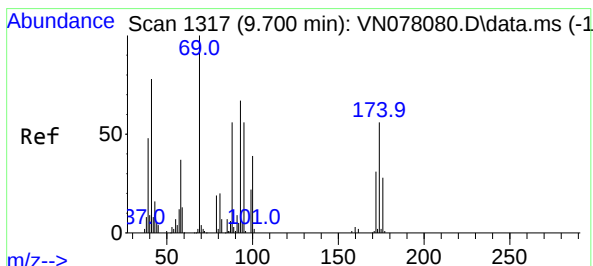
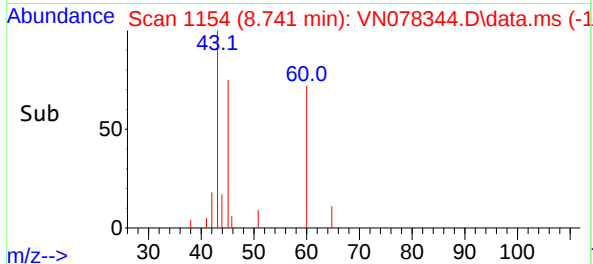
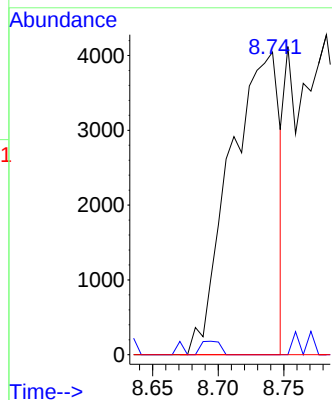
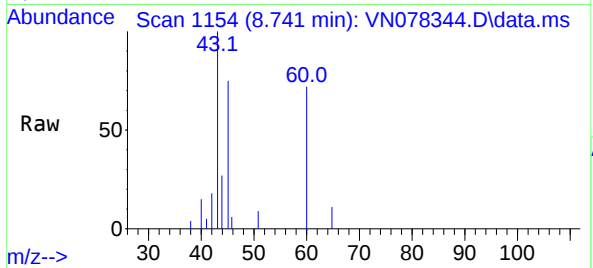




#43
Isopropyl Acetate
Concen: 0.868 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.047 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

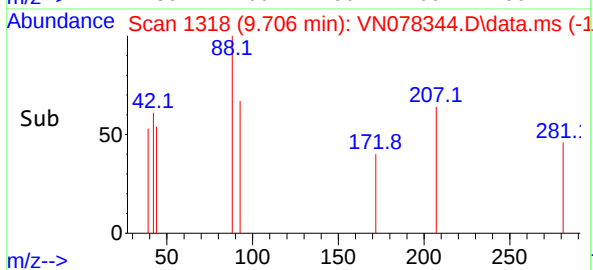
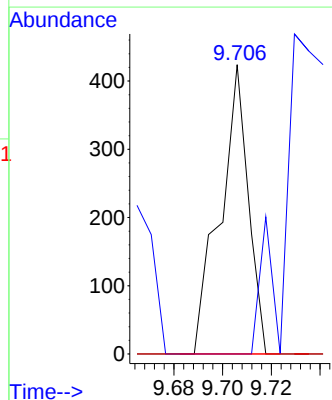
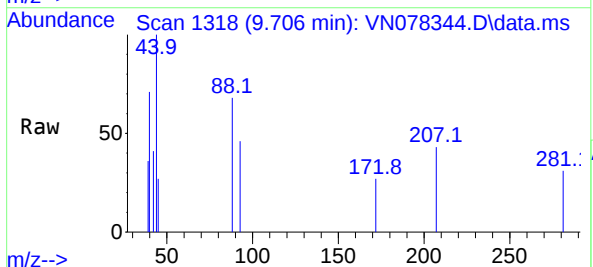
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

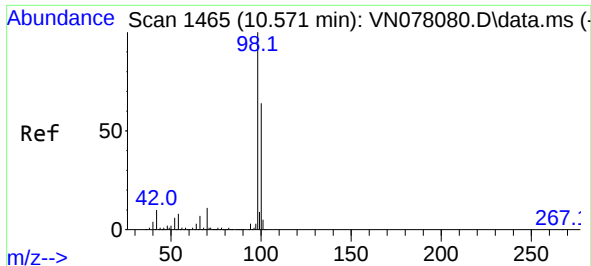
Tgt Ion: 43 Resp: 10565
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 3.184 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 88 Resp: 342
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

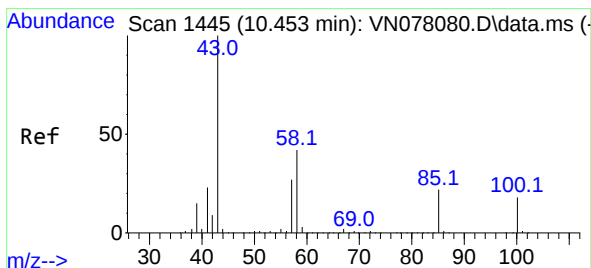
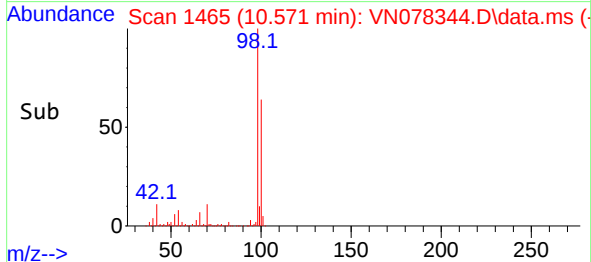
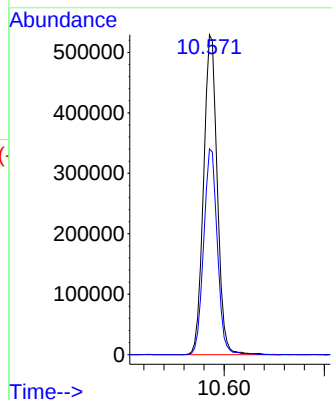
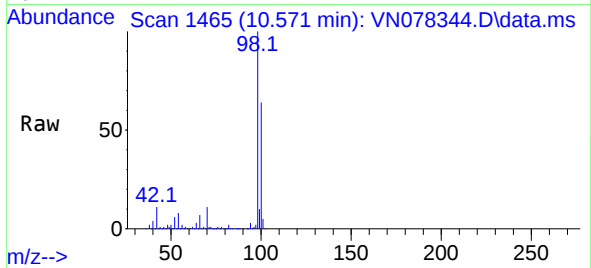




#50
Toluene-d8
Concen: 45.859 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

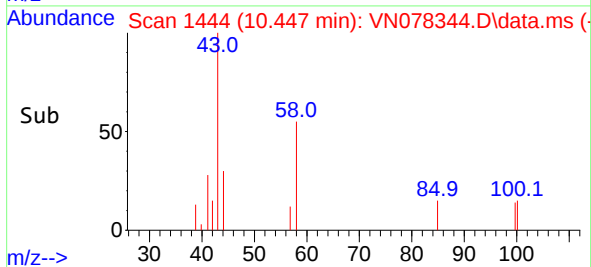
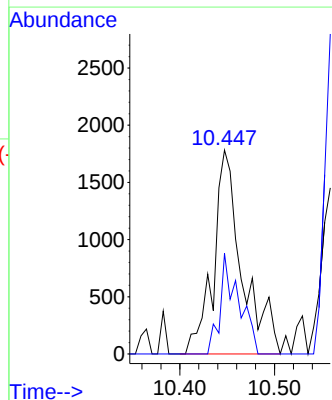
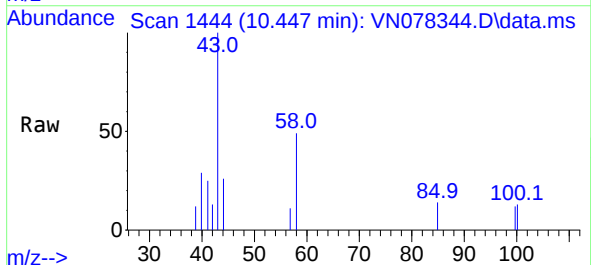
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

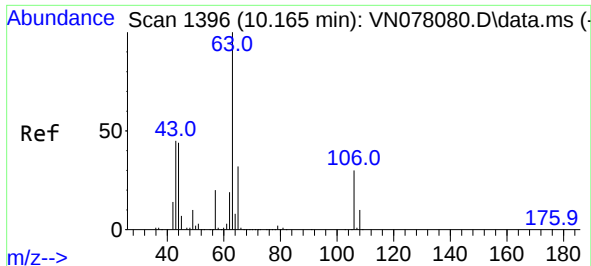
Tgt Ion: 98 Resp: 1004649
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 43 Resp: 3739
Ion Ratio Lower Upper
43 100
58 32.3 36.6 54.8#

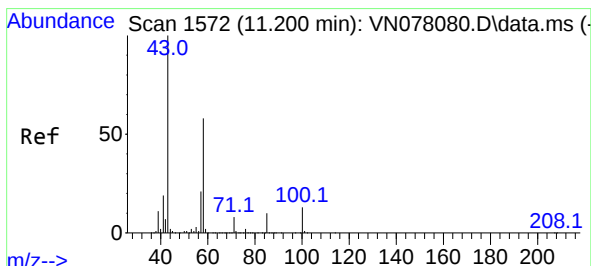
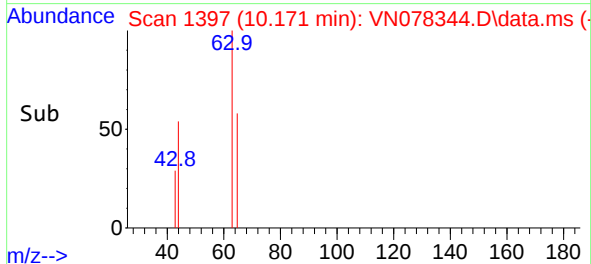
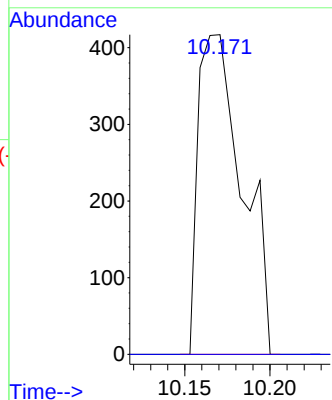
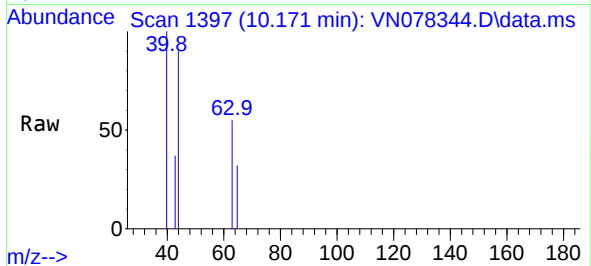




#58
2-Chloroethyl Vinyl ether
Concen: 0.221 ug/l
RT: 10.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

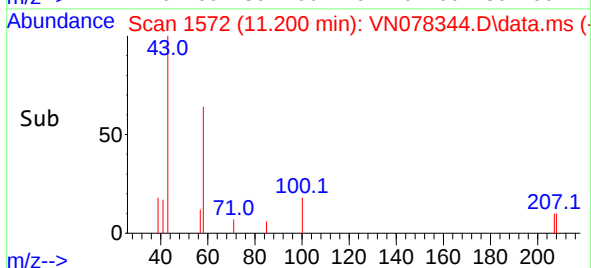
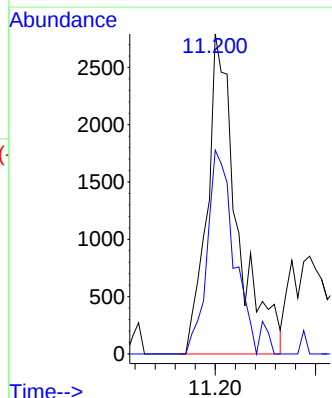
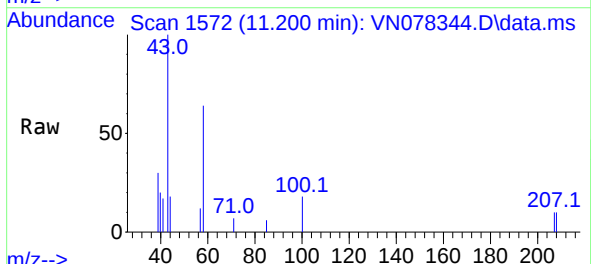
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

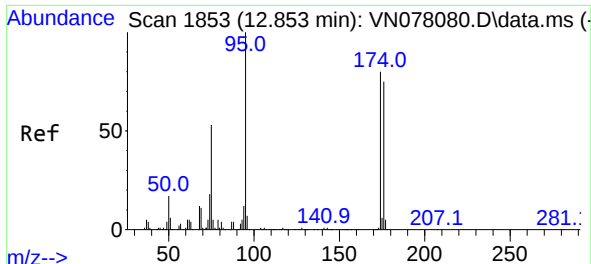
Tgt Ion: 63 Resp: 754
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 1.302 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 43 Resp: 5815
Ion Ratio Lower Upper
43 100
58 56.5 31.7 95.1

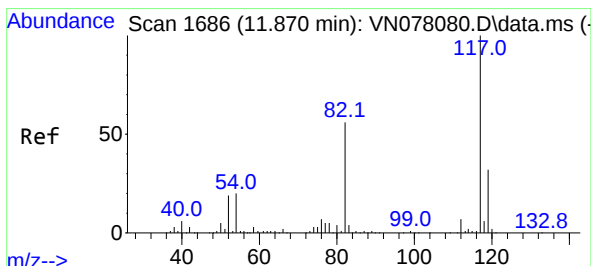
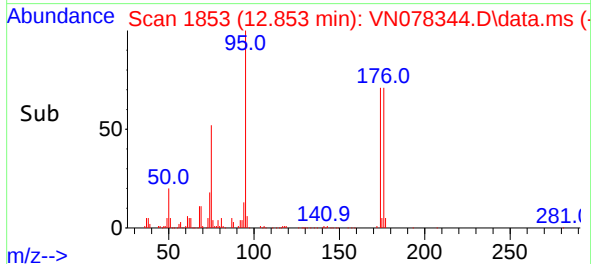
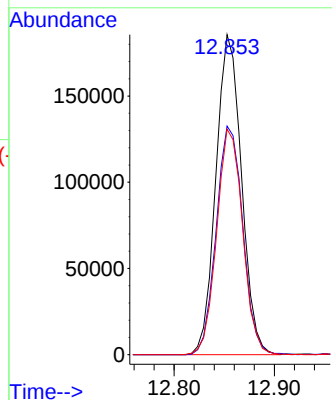
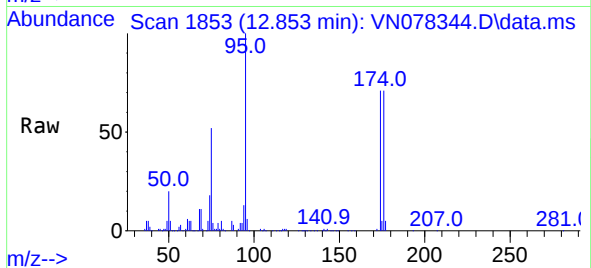




#62
4-Bromofluorobenzene
Concen: 48.319 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

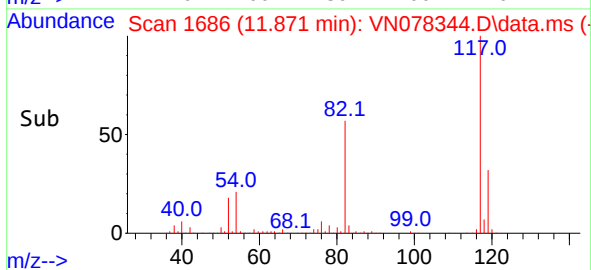
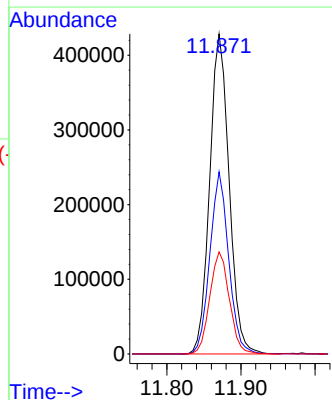
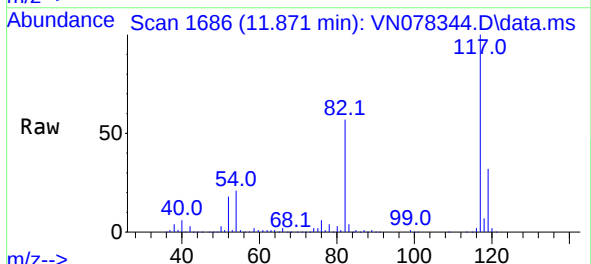
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

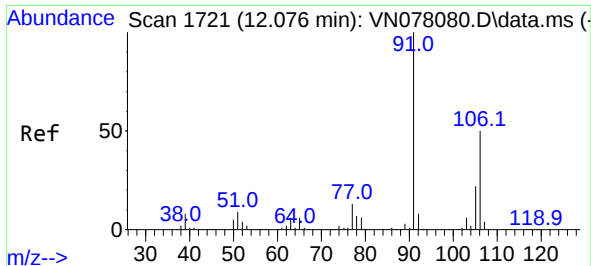
Tgt Ion: 95 Resp: 329071
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 117 Resp: 780337
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.9 25.6 38.4

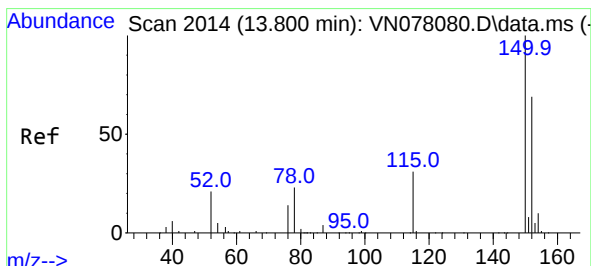
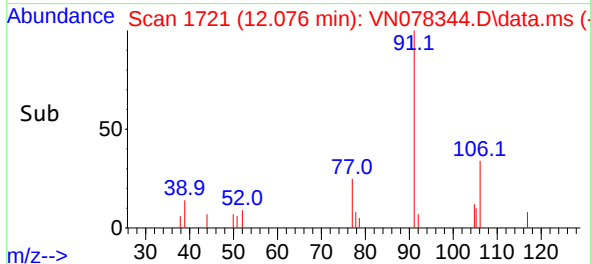
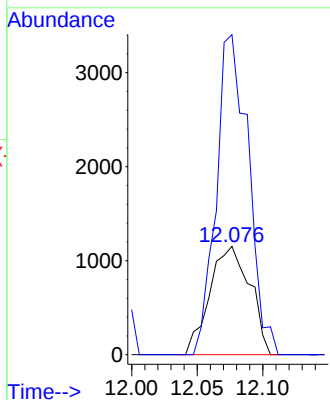
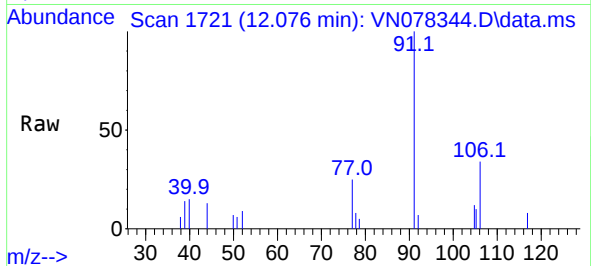




#68
m/p-Xylenes
Concen: 0.224 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

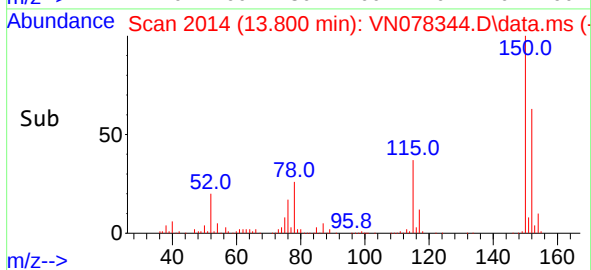
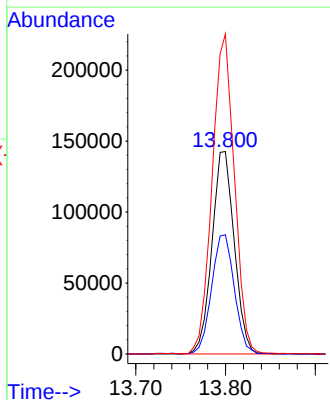
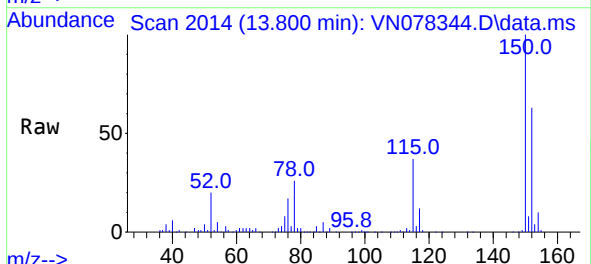
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

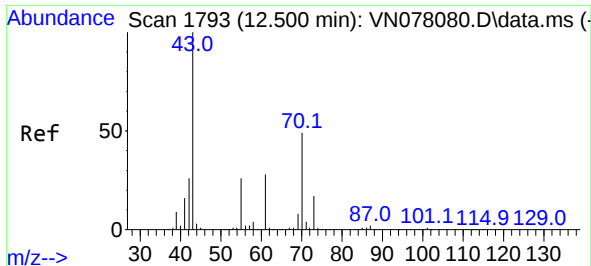
Tgt Ion:106 Resp: 2462
Ion Ratio Lower Upper
106 100
91 235.5 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion:152 Resp: 246685
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 157.2 0.0 355.8

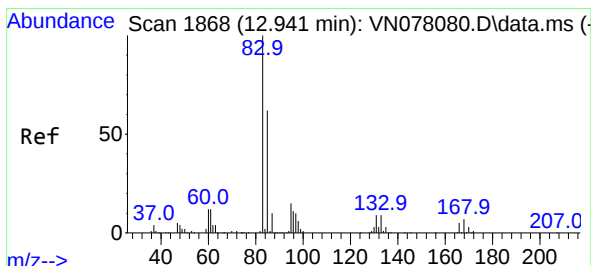
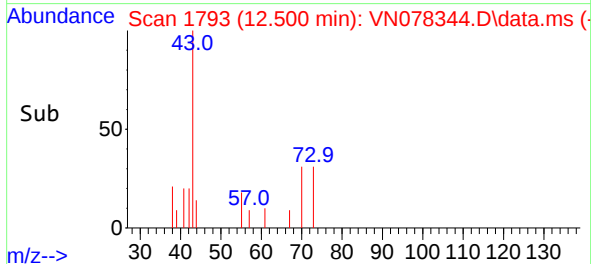
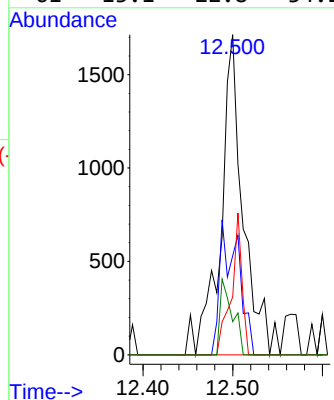
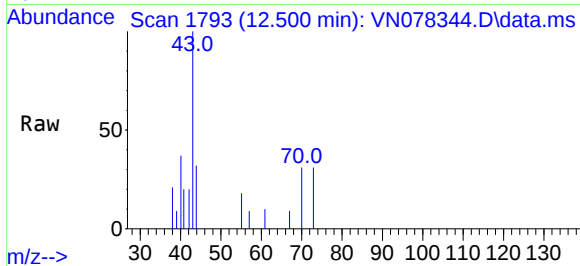




#74
N-amy1 acetate
Concen: 0.391 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

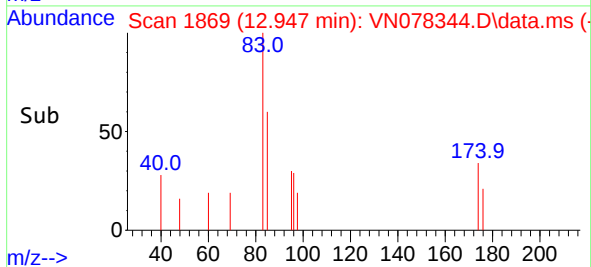
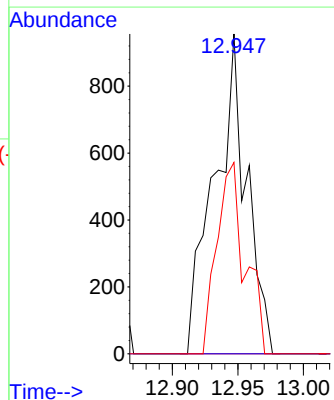
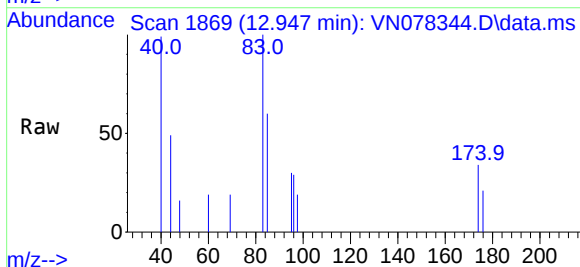
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

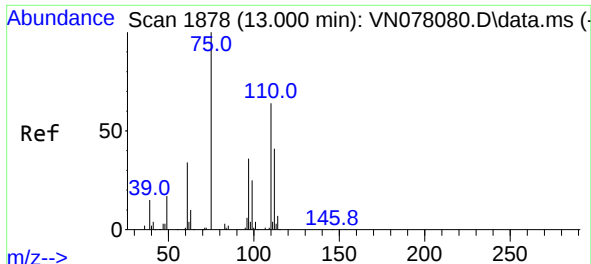
Tgt Ion:	43	Resp:	3000
Ion	Ratio	Lower	Upper
43	100		
70	34.5	43.4	65.2#
55	20.9	21.4	32.0#
61	13.1	22.8	34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion:	83	Resp:	1642
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	51.8	31.9	95.7

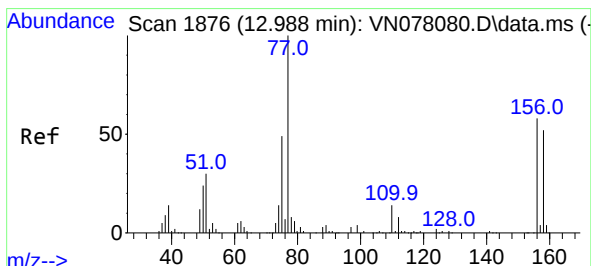
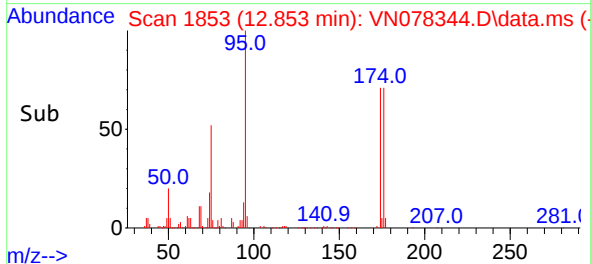
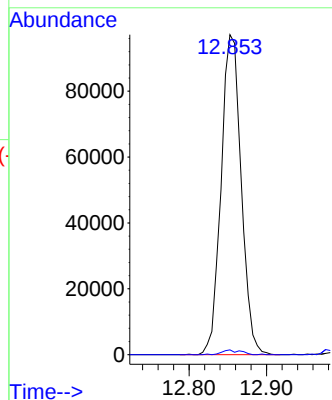
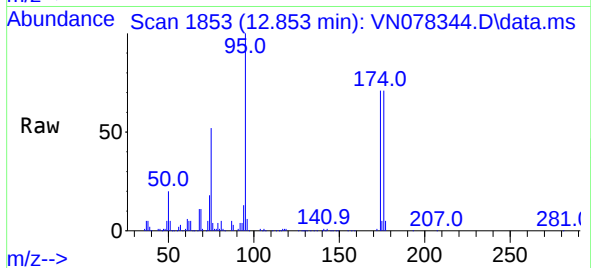




#76
1,2,3-Trichloropropane
Concen: 30.089 ug/l
RT: 12.853 min Scan# 1875
Delta R.T. -0.147 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

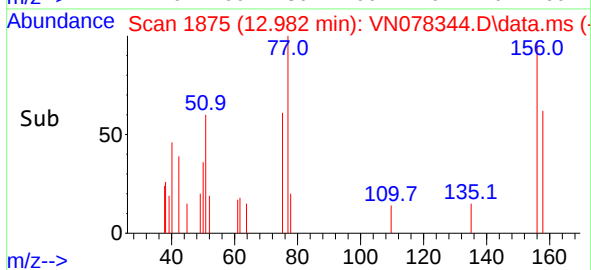
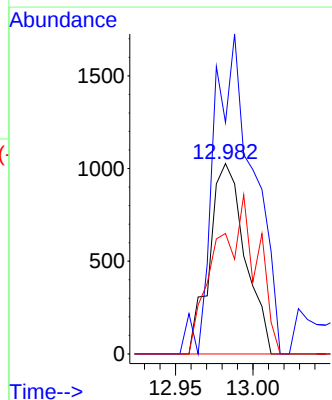
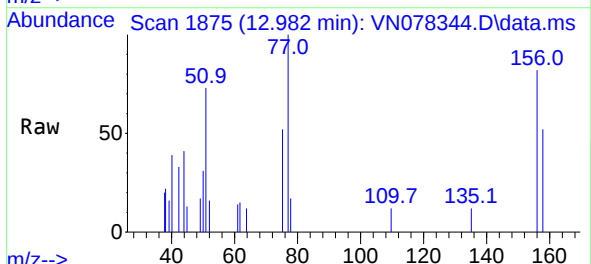
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

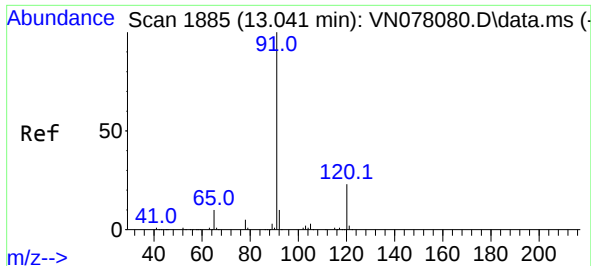
Tgt Ion: 75 Resp: 175471
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#77
Bromobenzene
Concen: 0.302 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion:156 Resp: 1635
Ion Ratio Lower Upper
156 100
77 188.6 107.7 323.3
158 52.4 48.4 145.3

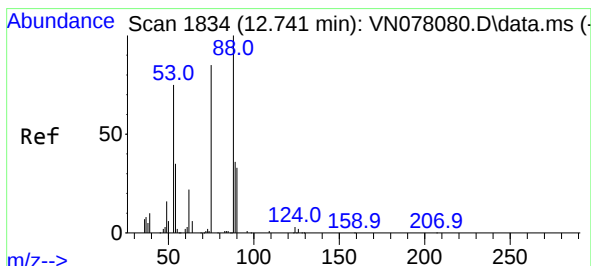
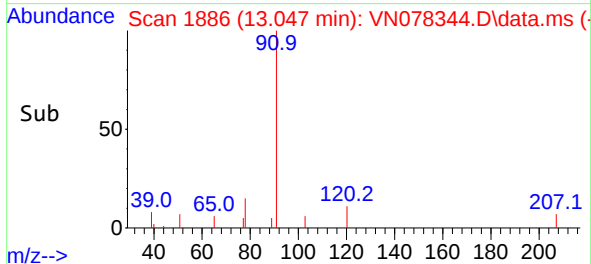
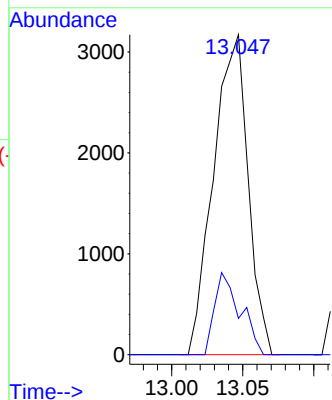
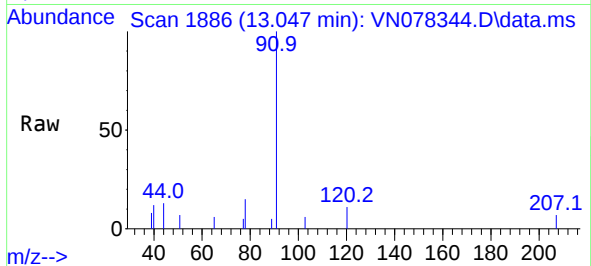




#78
n-propylbenzene
Concen: 0.211 ug/l
RT: 13.047 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

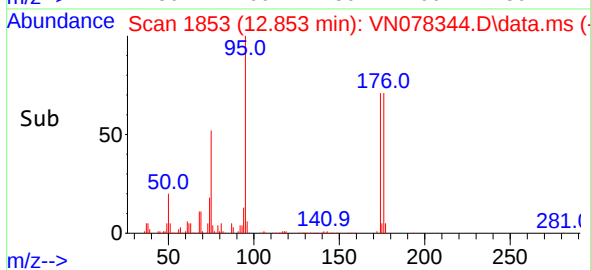
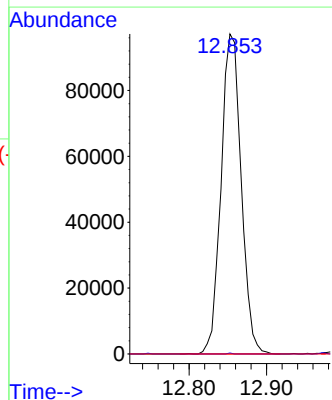
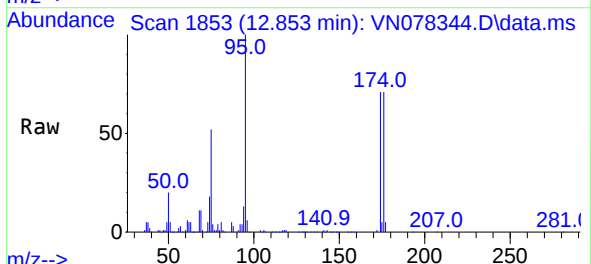
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

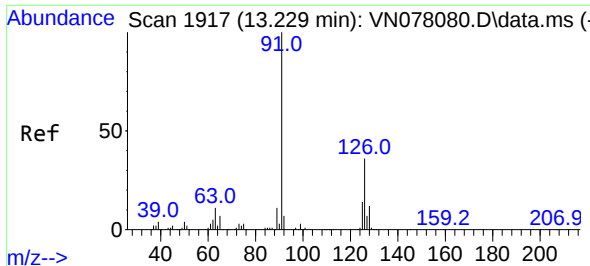
Tgt Ion: 91 Resp: 5358
Ion Ratio Lower Upper
91 100
120 19.1 11.5 34.4



#81
trans-1,4-Dichloro-2-butene
Concen: 92.443 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 75 Resp: 175471
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

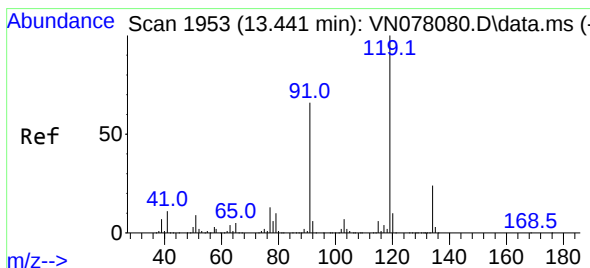
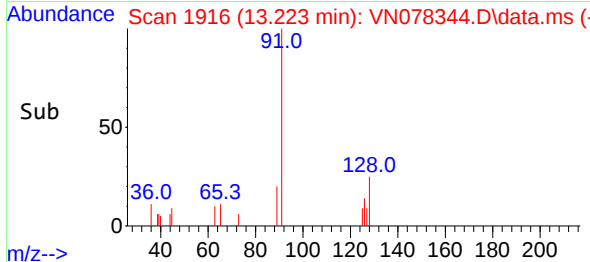
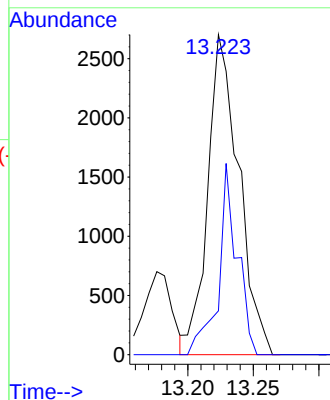
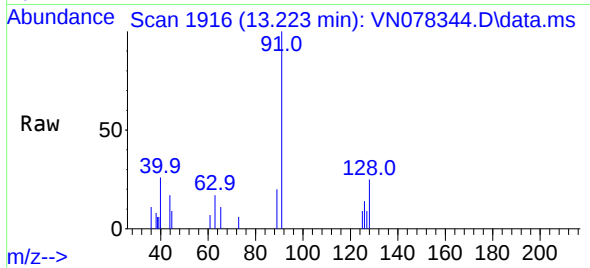




#82
4-Chlorotoluene
Concen: 0.292 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

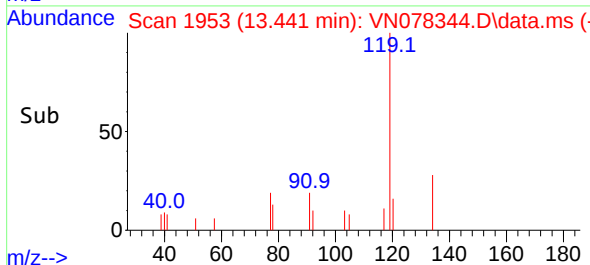
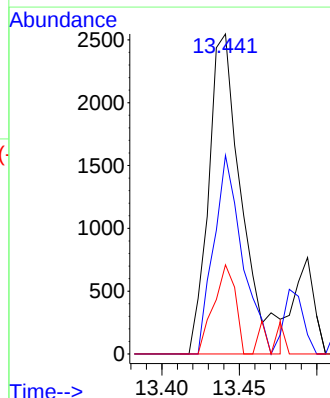
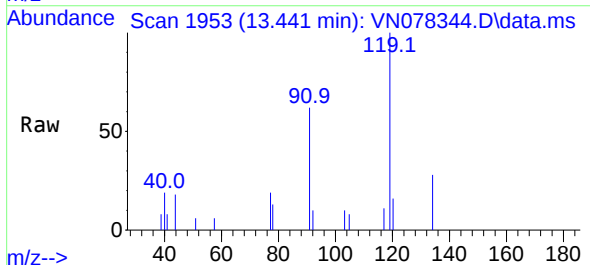
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

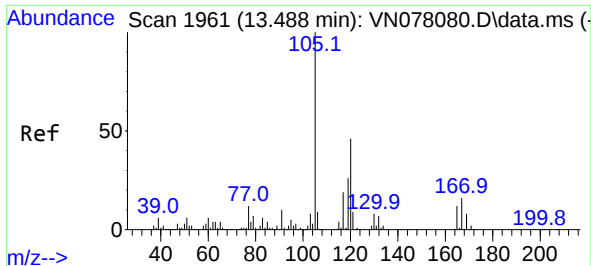
Tgt Ion: 91 Resp: 4451
Ion Ratio Lower Upper
91 100
126 35.5 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.231 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 119 Resp: 3800
Ion Ratio Lower Upper
119 100
91 53.3 33.9 101.7
134 18.1 13.2 39.6

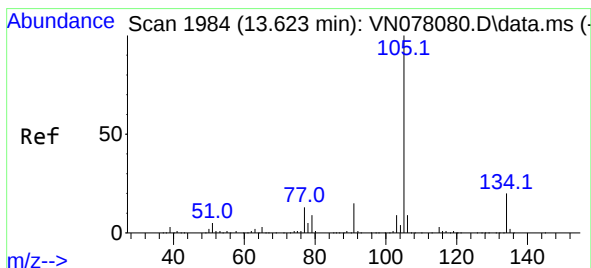
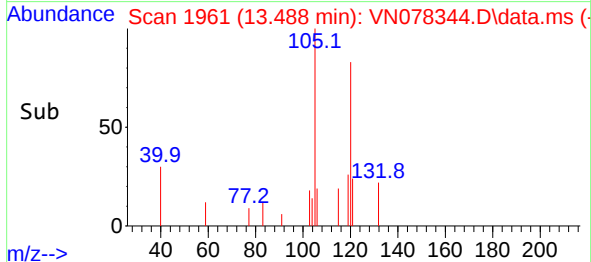
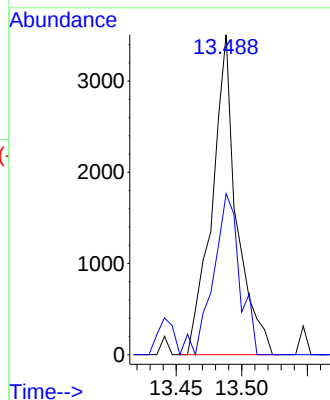
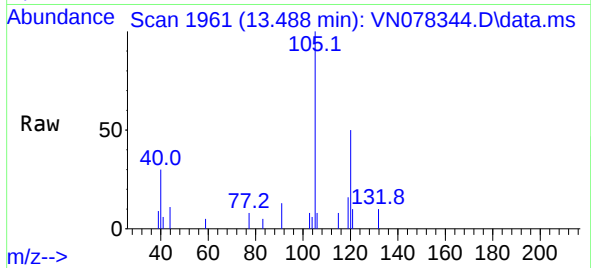




#84
1,2,4-Trimethylbenzene
Concen: 0.250 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

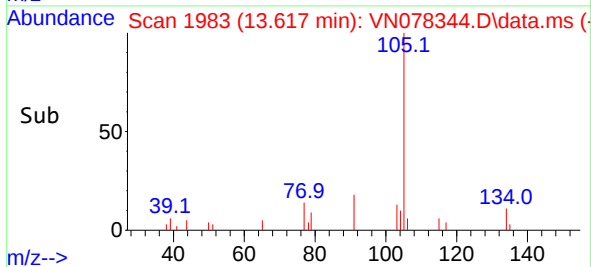
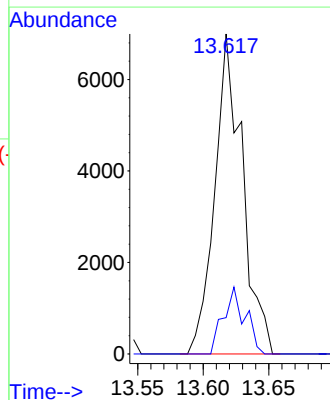
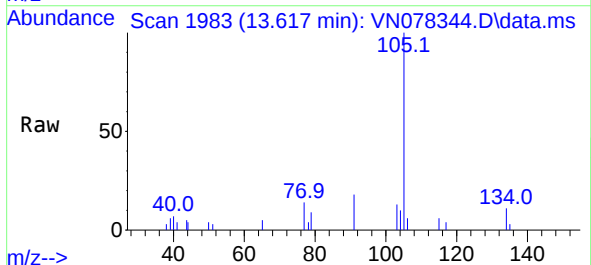
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

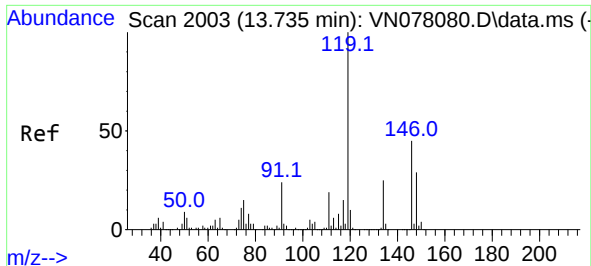
Tgt Ion:105 Resp: 4580
Ion Ratio Lower Upper
105 100
120 53.8 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.477 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion:105 Resp: 10250
Ion Ratio Lower Upper
105 100
134 16.4 9.8 29.3

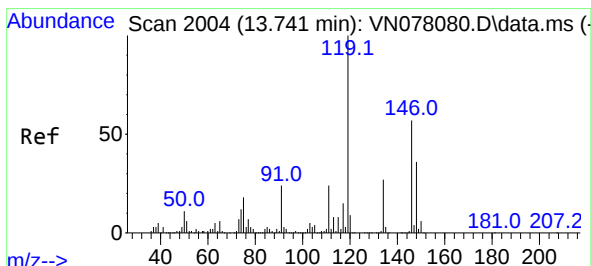
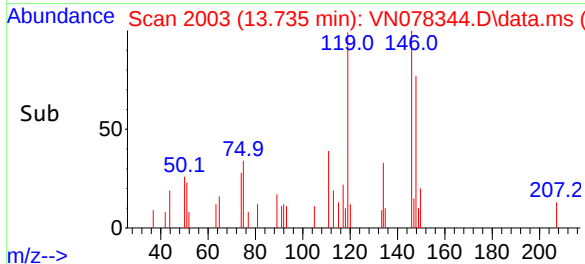
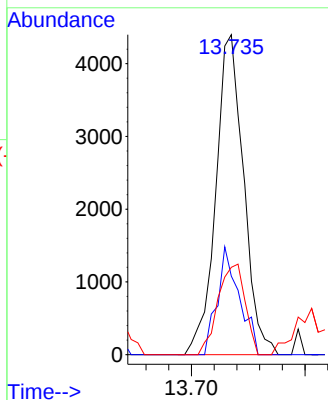
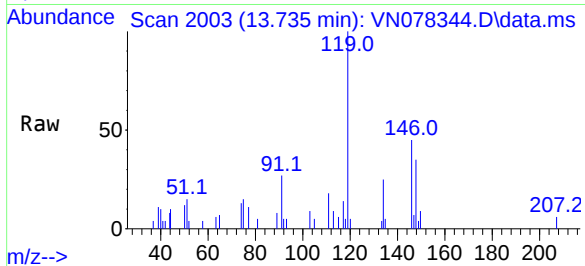




#86
p-Isopropyltoluene
Concen: 0.430 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

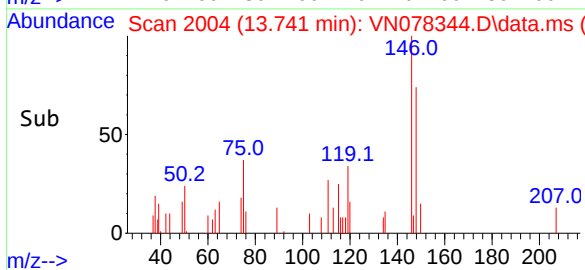
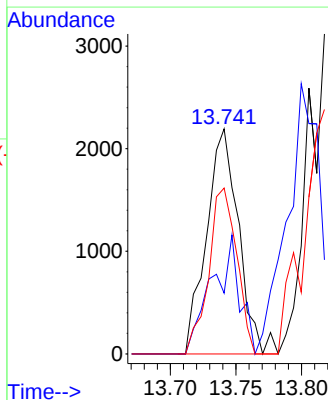
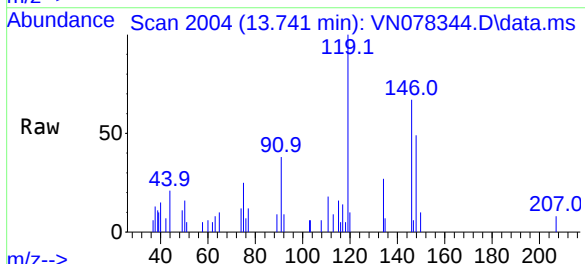
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

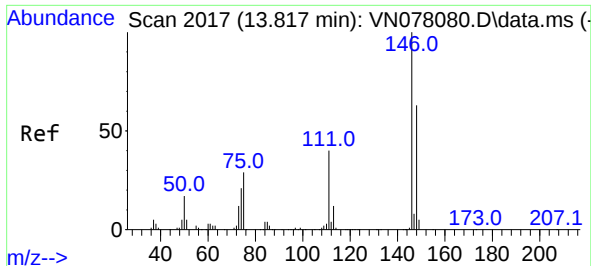
Tgt Ion:	119	Resp:	7499
Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.6	37.8
91	27.5	12.4	37.2



#87
1,3-Dichlorobenzene
Concen: 0.408 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion:	146	Resp:	3738
Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.1	66.3
148	64.3	32.0	96.0

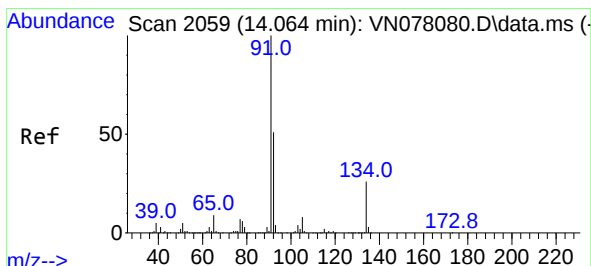
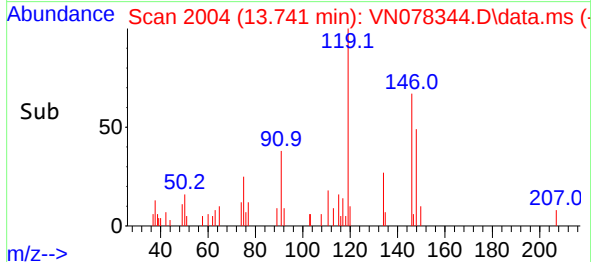
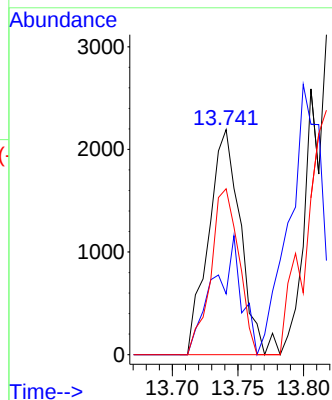
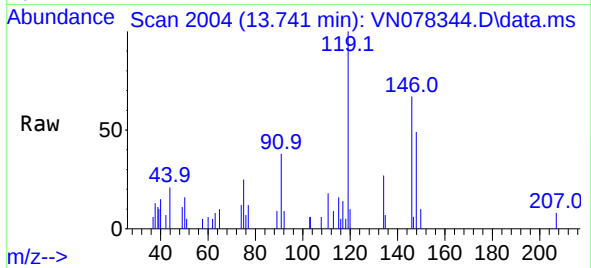




#88
1,4-Dichlorobenzene
Concen: 0.423 ug/l
RT: 13.741 min Scan# 2017
Delta R.T. -0.076 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

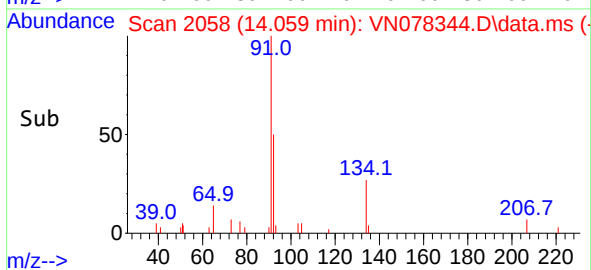
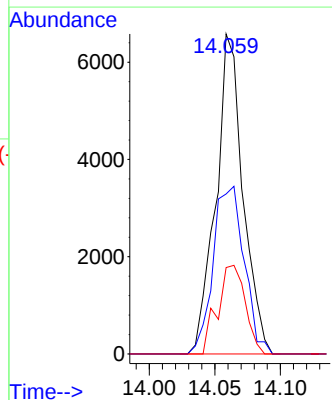
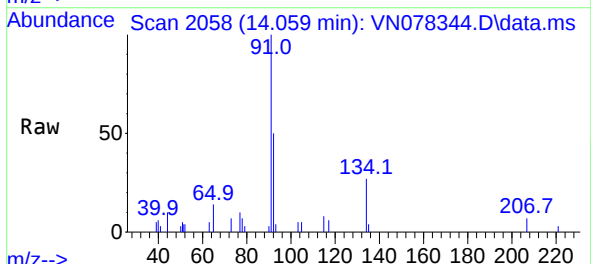
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

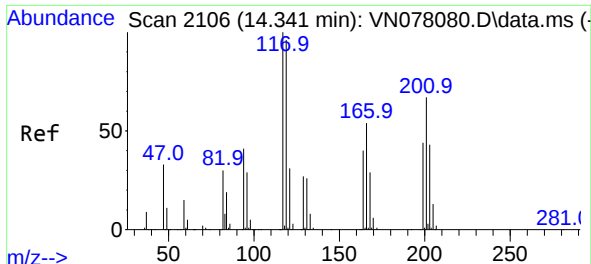
Tgt Ion:146 Resp: 3738
Ion Ratio Lower Upper
146 100
111 45.6 20.6 61.8
148 64.3 31.6 94.8



#89
n-Butylbenzene
Concen: 0.689 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 91 Resp: 9475
Ion Ratio Lower Upper
91 100
92 59.9 26.4 79.0
134 28.2 12.6 37.6

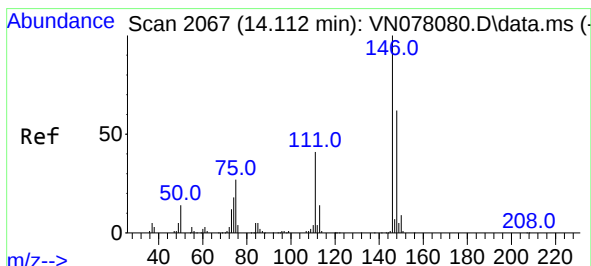
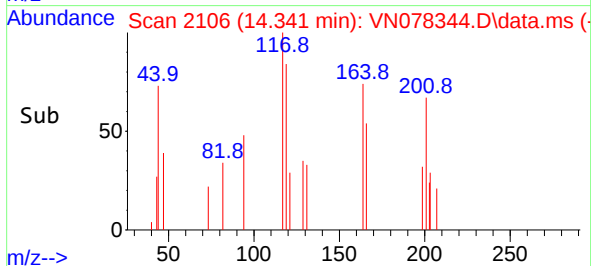
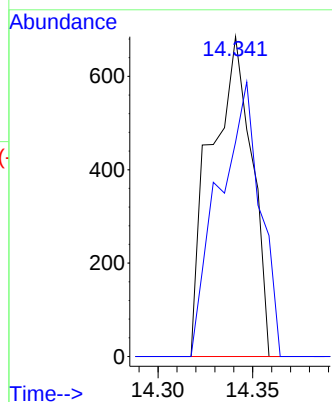
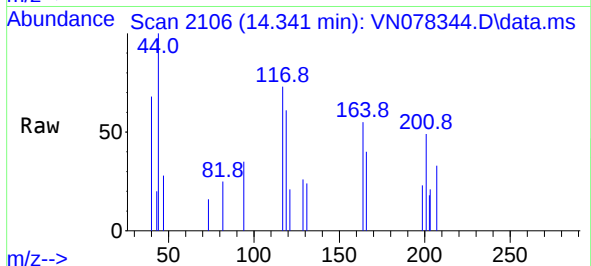




#90
Hexachloroethane
Concen: 0.334 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

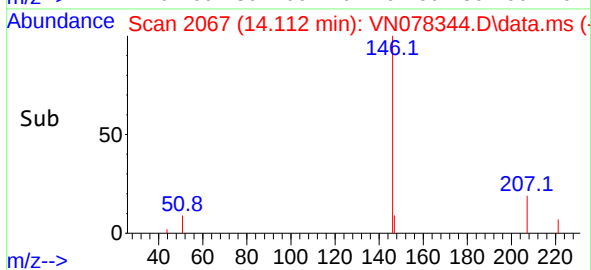
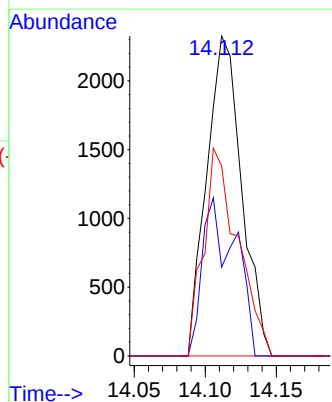
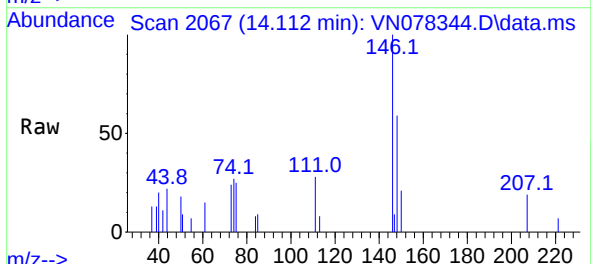
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

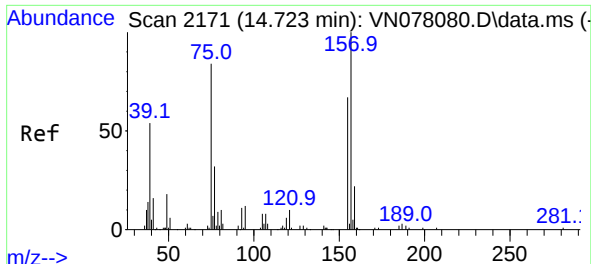
Tgt Ion:117 Resp: 1033
Ion Ratio Lower Upper
117 100
201 86.6 29.3 88.0



#91
1,2-Dichlorobenzene
Concen: 0.445 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion:146 Resp: 3984
Ion Ratio Lower Upper
146 100
111 46.3 22.0 66.0
148 63.4 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.307 ug/l

RT: 14.712 min Scan# 2169

Delta R.T. -0.012 min

Lab File: VN078344.D

Acq: 22 Jun 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBL01

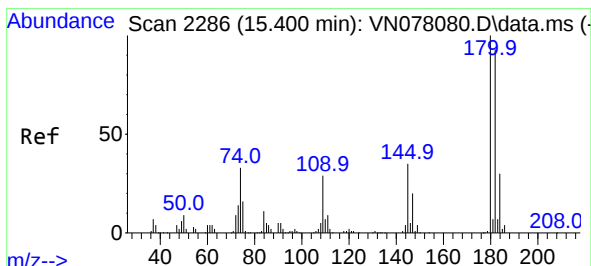
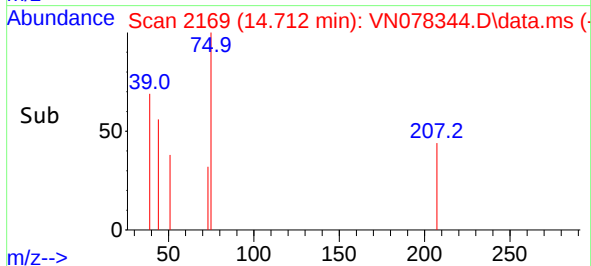
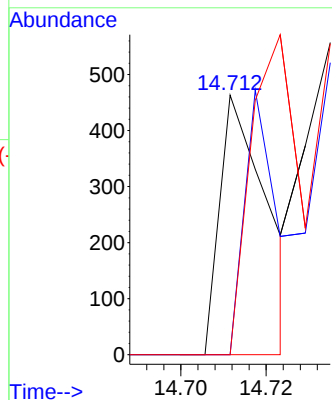
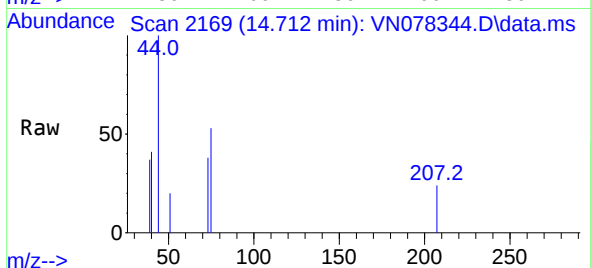
Tgt Ion: 75 Resp: 355

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 179.7 50.3 150.9#



#93

1,2,4-Trichlorobenzene

Concen: 1.478 ug/l

RT: 15.406 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VN078344.D

Acq: 22 Jun 2023 12:42

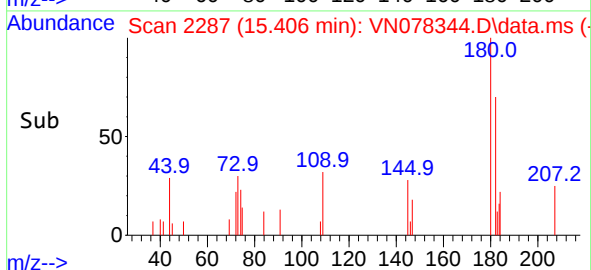
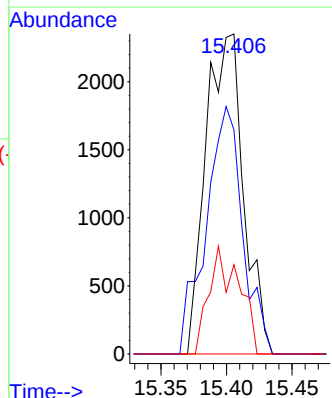
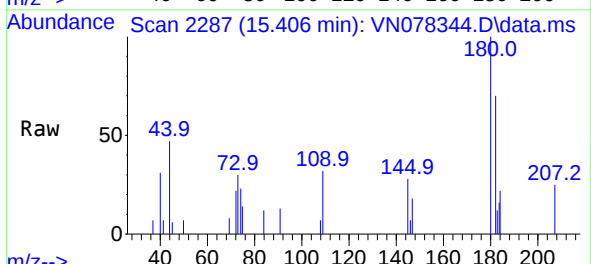
Tgt Ion: 180 Resp: 4715

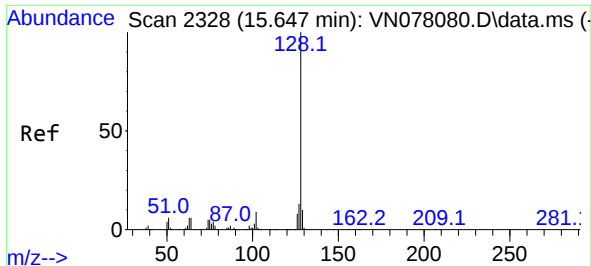
Ion Ratio Lower Upper

180 100

182 75.2 46.1 138.2

145 26.6 16.6 49.8

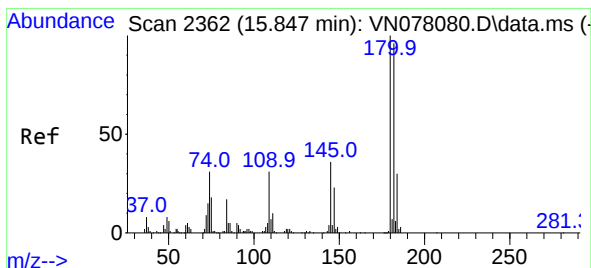
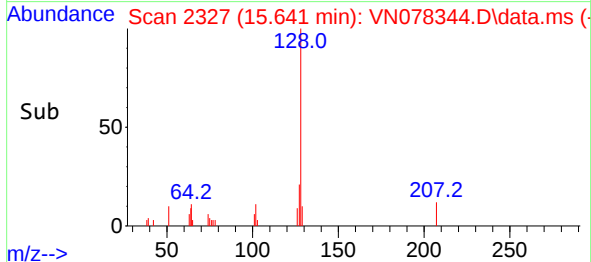
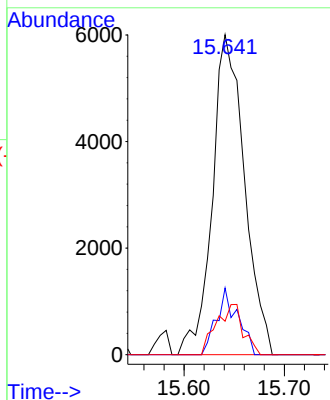
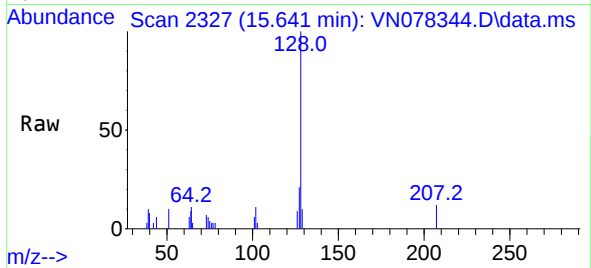




#95
Naphthalene
Concen: 1.243 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

Tgt Ion:128 Resp: 13336
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 13.1 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.562 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion:180 Resp: 5573
Ion Ratio Lower Upper
180 100
182 92.1 46.2 138.6
145 31.5 17.5 52.6

