

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083443.D
 Acq On : 22 Aug 2024 18:09
 Operator : JC\MD
 Sample : P3656-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:43:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	127943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	102839	56.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.940%	
35) Dibromofluoromethane	8.165	113	79849	49.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.580%	
50) Toluene-d8	10.565	98	289773	47.956	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.920%	
62) 4-Bromofluorobenzene	12.847	95	132911	56.421	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.840%	

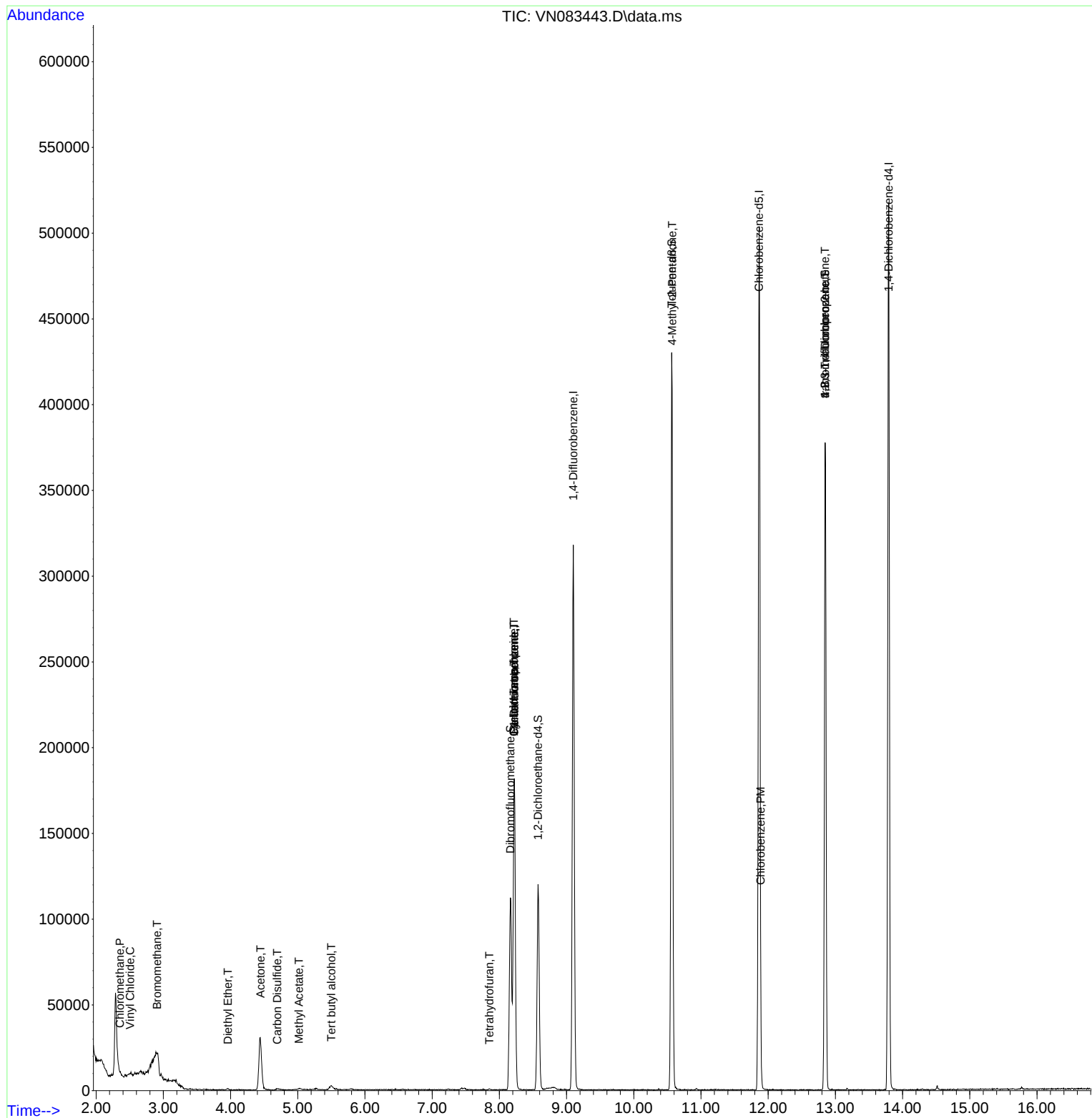
Target Compounds					Qvalue	
3) Chloromethane	2.353	50	903	0.608	ug/l #	43
4) Vinyl Chloride	2.506	62	573	0.378	ug/l #	85
5) Bromomethane	2.906	94	199	0.212	ug/l #	70
8) Diethyl Ether	3.959	74	316	0.339	ug/l	92
11) Tert butyl alcohol	5.500	59	3246	8.577	ug/l #	71
16) Acetone	4.447	43	2144	3.009	ug/l #	48
17) Carbon Disulfide	4.694	76	1948	0.469	ug/l #	75
18) Methyl Acetate	5.018	43	878	0.414	ug/l #	69
29) Tetrahydrofuran	7.853	42	451	0.638	ug/l #	49
31) Cyclohexane	8.218	56	3033	1.124	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11722	4.784	ug/l #	51
38) Carbon Tetrachloride	8.218	117	14615	5.295	ug/l #	16
43) Isopropyl Acetate	8.682	43	419	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.570	43	1575	0.607	ug/l #	1
65) Chlorobenzene	11.888	112	3216	0.526	ug/l	95
76) 1,2,3-Trichloropropane	12.847	75	73997	25.266	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73997	54.960	ug/l #	6

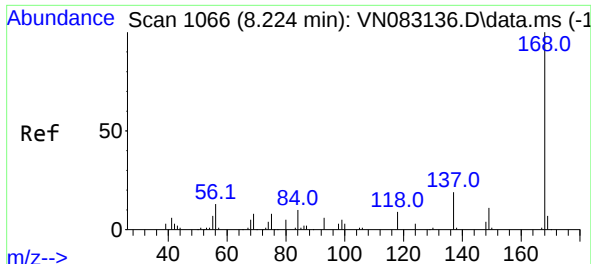
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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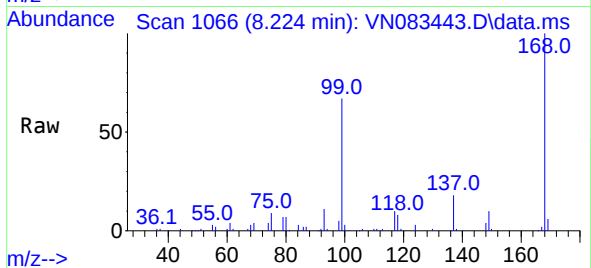
Quant Time: Aug 23 01:43:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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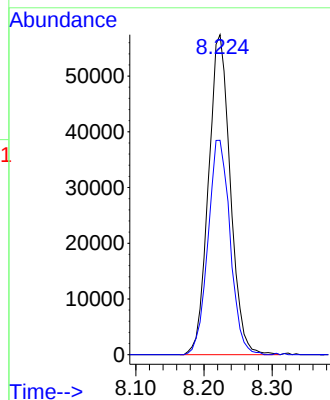
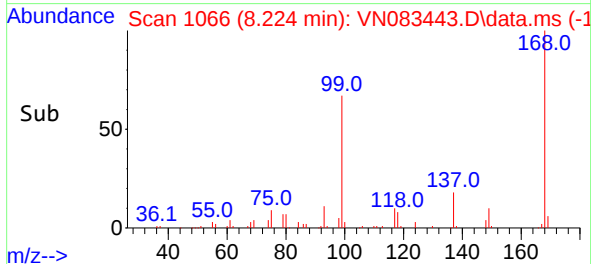


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :

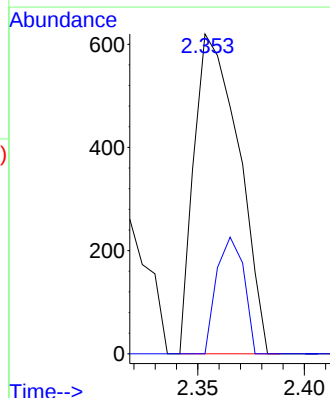
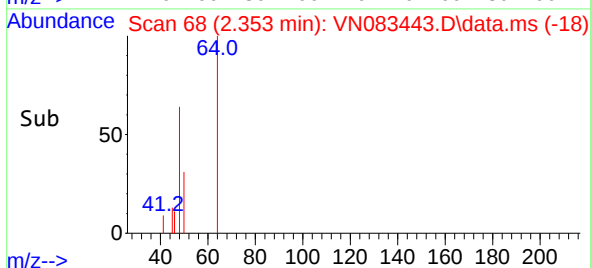
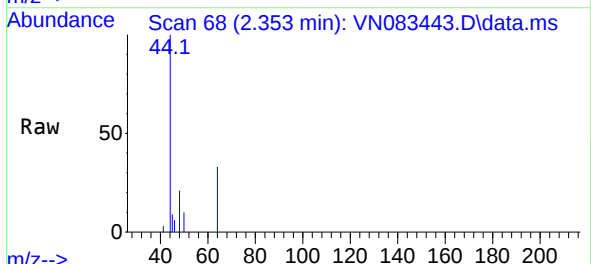


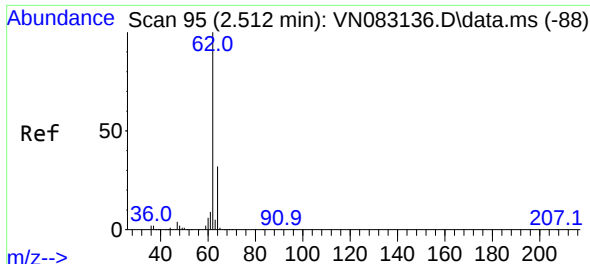
Tgt Ion:168 Resp: 127943
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#3
Chloromethane
Concen: 0.608 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

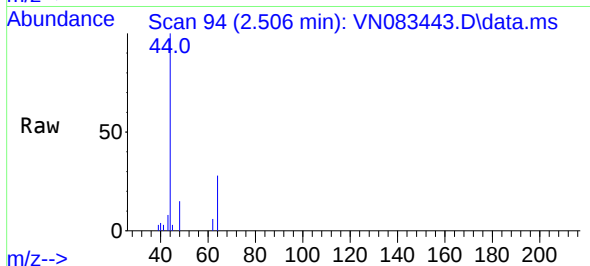
Tgt Ion: 50 Resp: 903
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



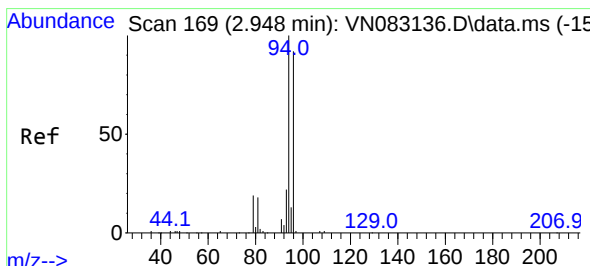
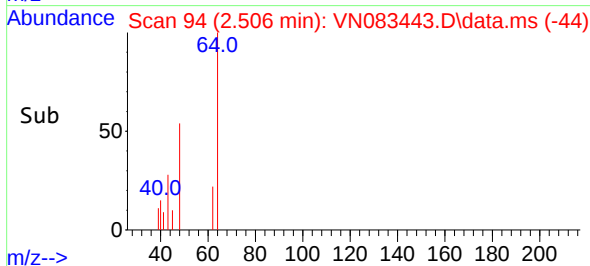
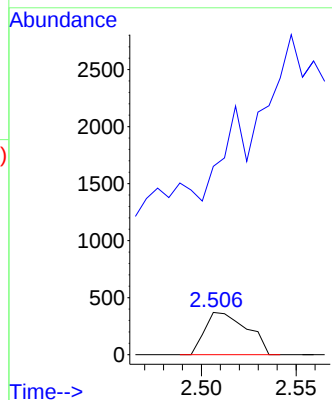


#4
Vinyl Chloride
Concen: 0.378 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :

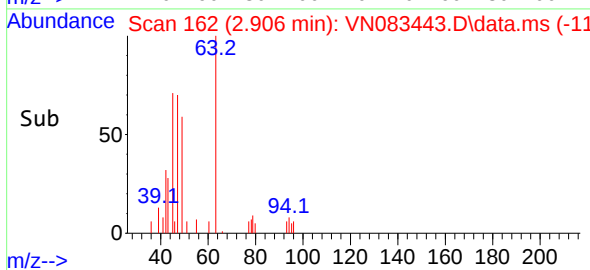
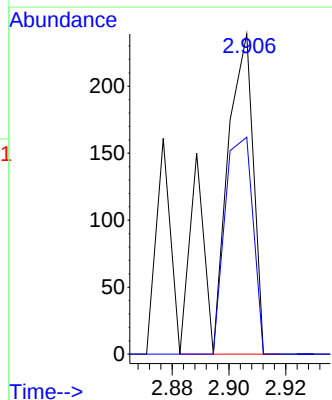
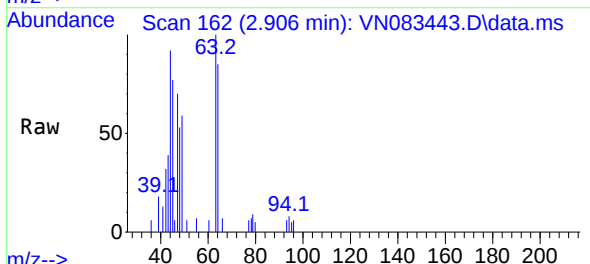


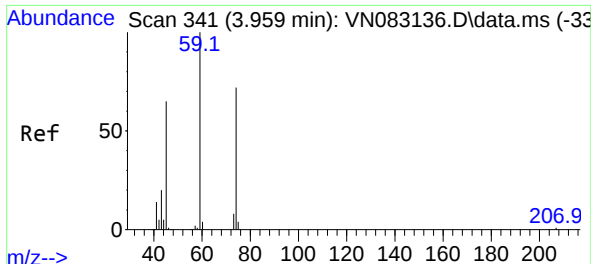
Tgt Ion: 62 Resp: 573
Ion Ratio Lower Upper
62 100
64 39.6 25.0 37.6#



#5
Bromomethane
Concen: 0.212 ug/l
RT: 2.906 min Scan# 162
Delta R.T. -0.041 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

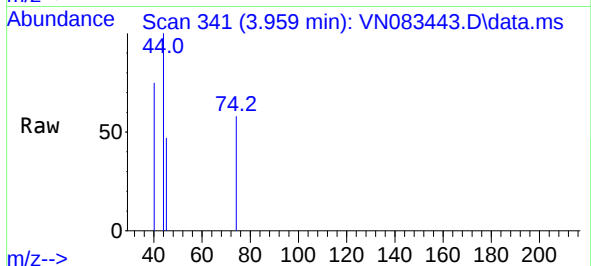
Tgt Ion: 94 Resp: 199
Ion Ratio Lower Upper
94 100
96 67.8 78.0 117.0#



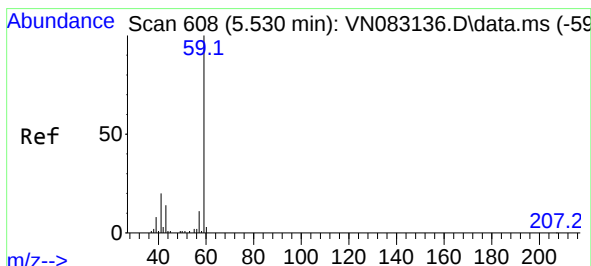
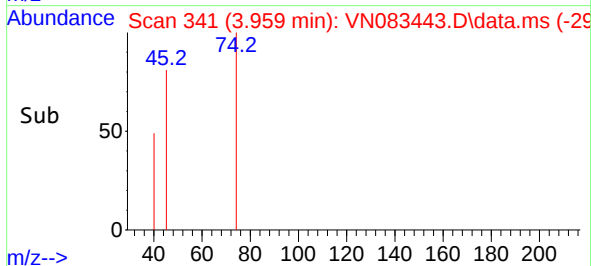
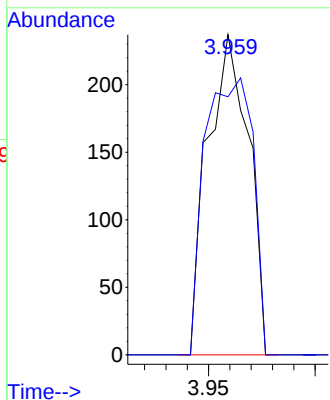


#8
Diethyl Ether
Concen: 0.339 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :

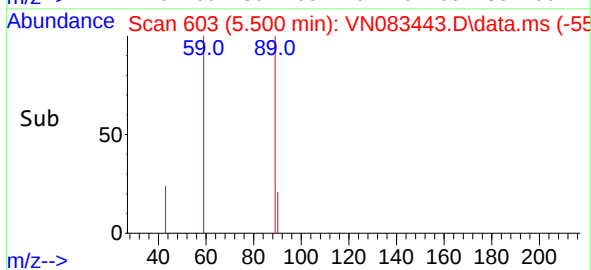
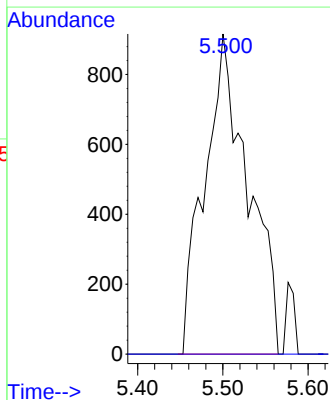
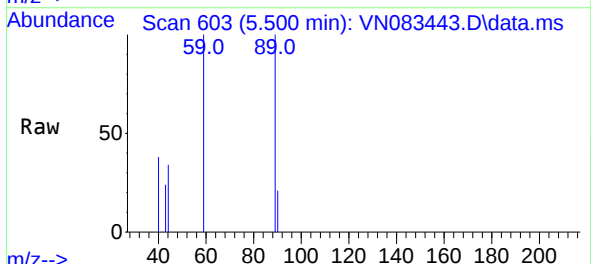


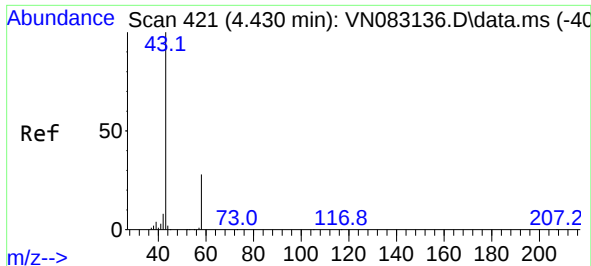
Tgt Ion: 74 Resp: 316
Ion Ratio Lower Upper
74 100
45 101.9 55.5 166.3



#11
Tert butyl alcohol
Concen: 8.577 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.030 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Tgt Ion: 59 Resp: 3246
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

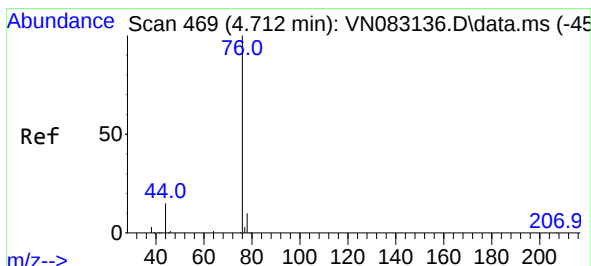
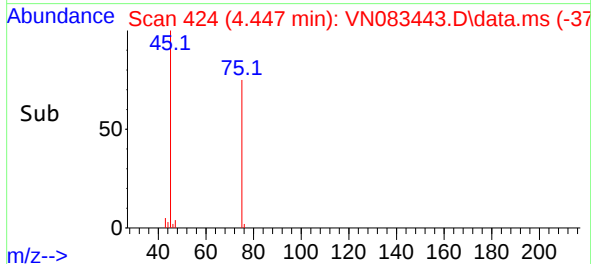
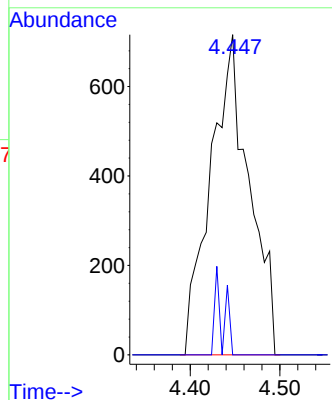
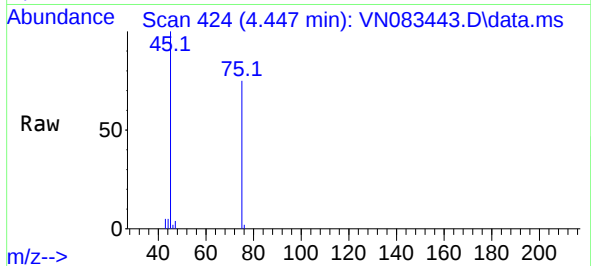




#16
Acetone
Concen: 3.009 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

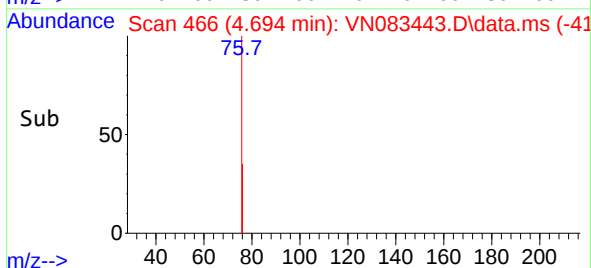
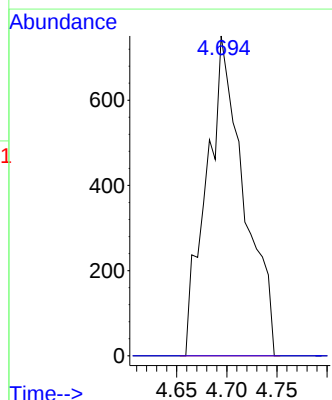
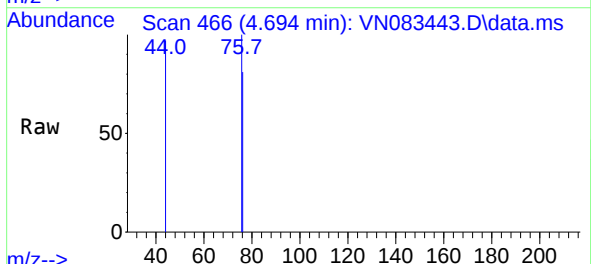
Instrument :
MSVOA_N
ClientSampleId :

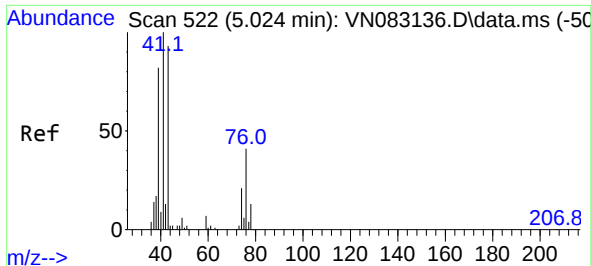
Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.469 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

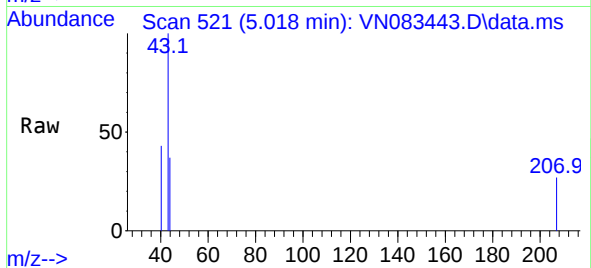
Tgt Ion: 76 Resp: 1948
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



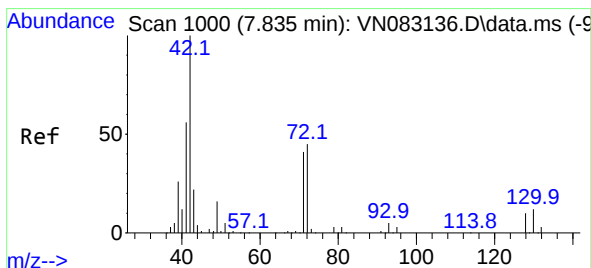
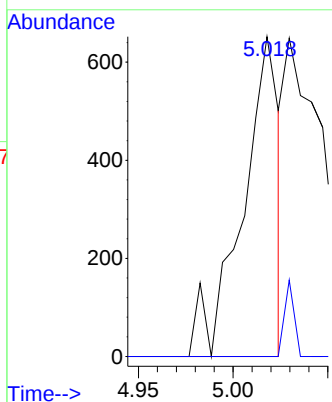
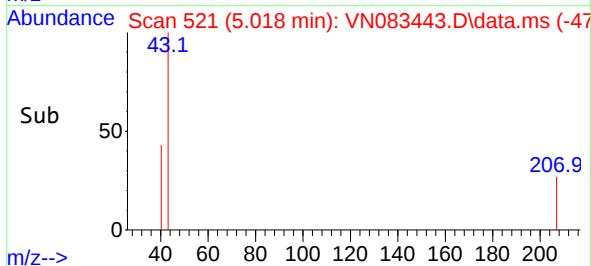


#18
Methyl Acetate
Concen: 0.414 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :

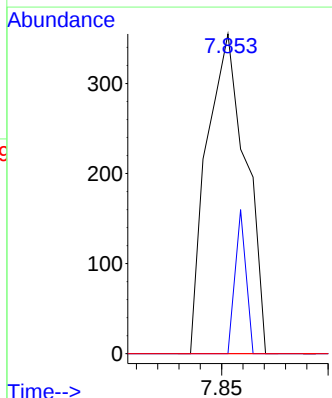
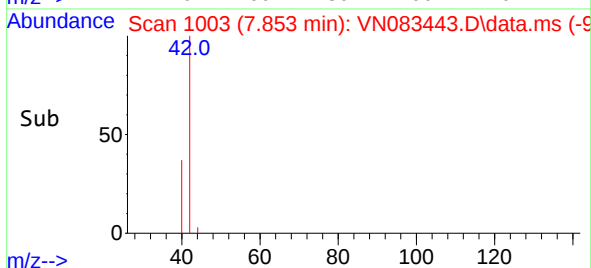
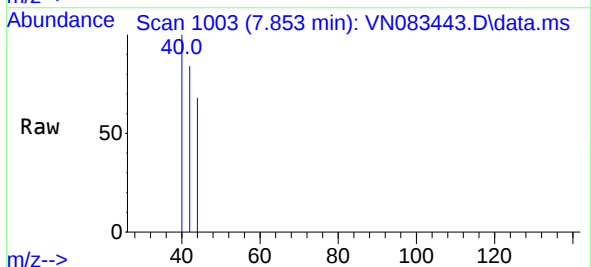


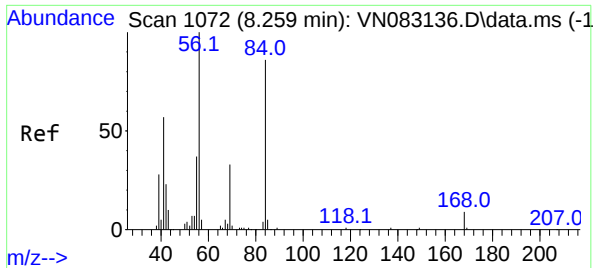
Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
74 6.3 16.3 24.5#



#29
Tetrahydrofuran
Concen: 0.638 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

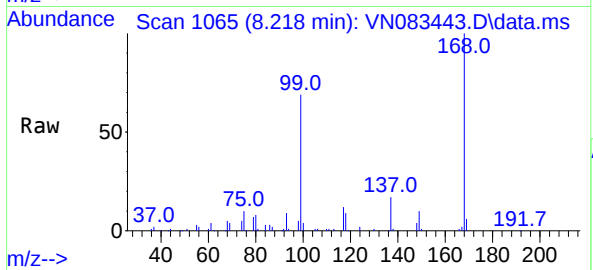
Tgt Ion: 42 Resp: 451
Ion Ratio Lower Upper
42 100
72 12.4 30.0 45.0#
71 0.0 28.3 42.5#



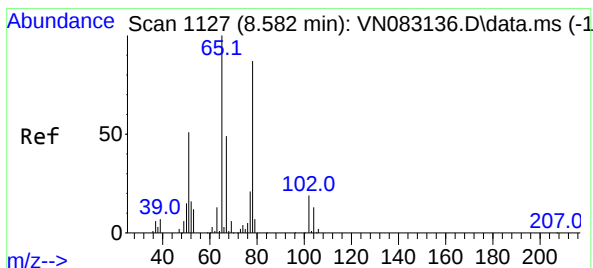
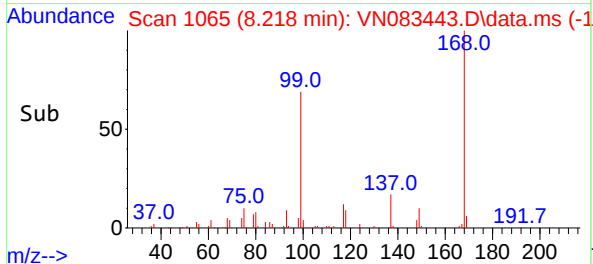
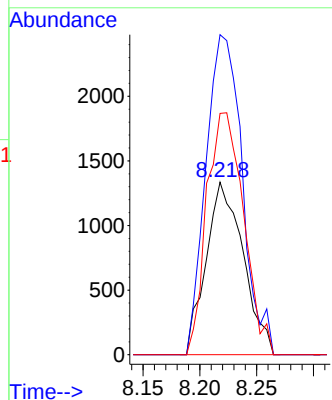


#31
Cyclohexane
Concen: 1.124 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :

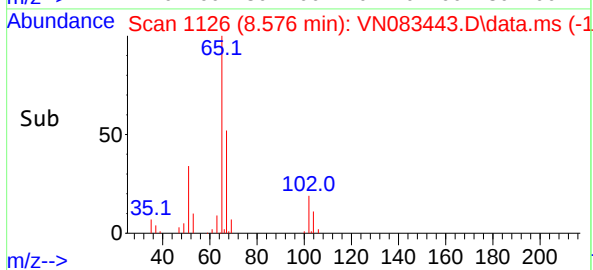
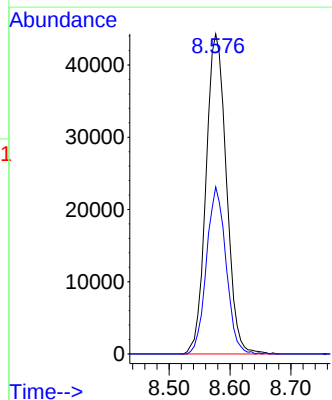
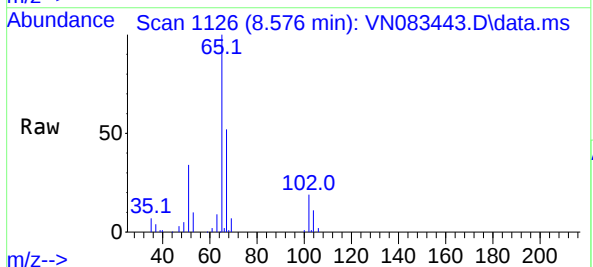


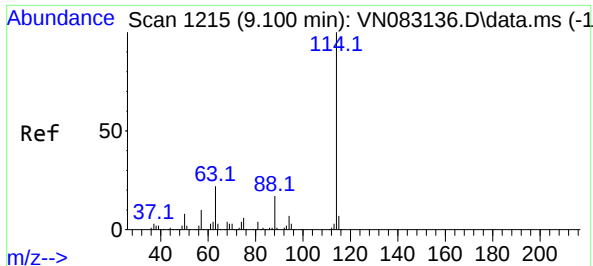
Tgt Ion: 56 Resp: 3033
Ion Ratio Lower Upper
56 100
69 185.5 24.5 36.7#
84 139.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.470 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

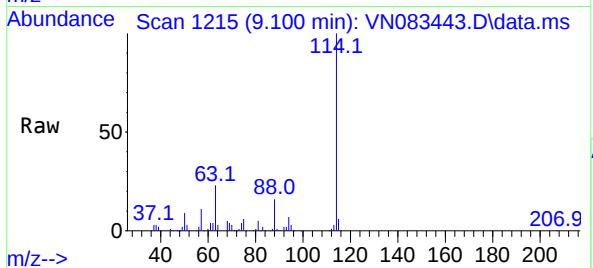
Tgt Ion: 65 Resp: 102839
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4



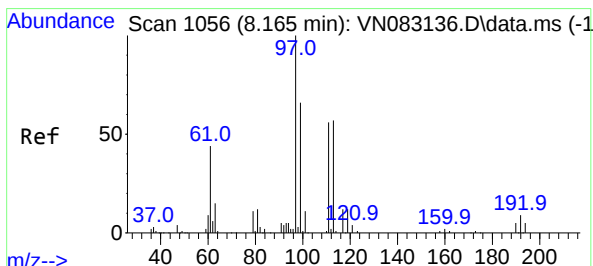
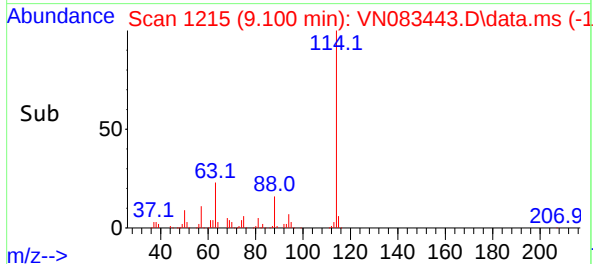
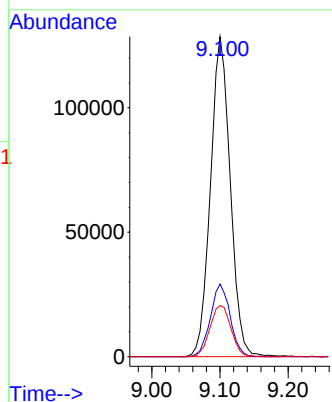


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :

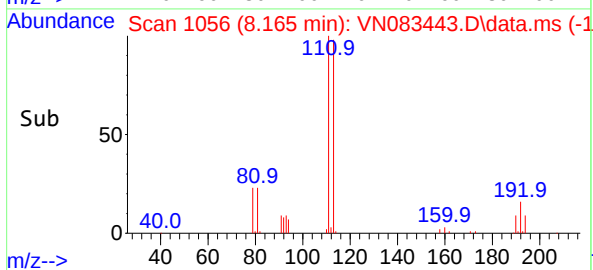
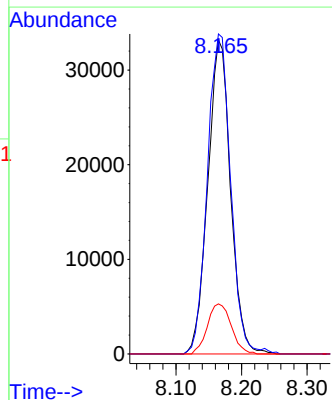
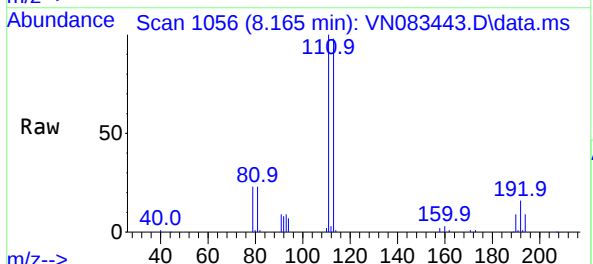


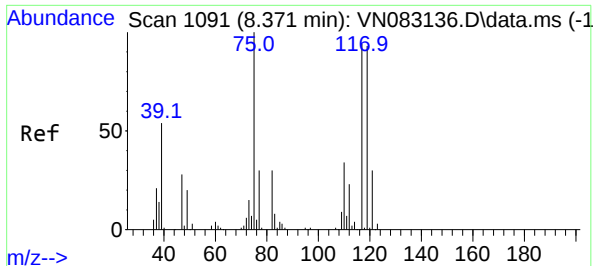
Tgt Ion:114 Resp: 259520
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.294 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Tgt Ion:113 Resp: 79849
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 16.8 14.9 22.3

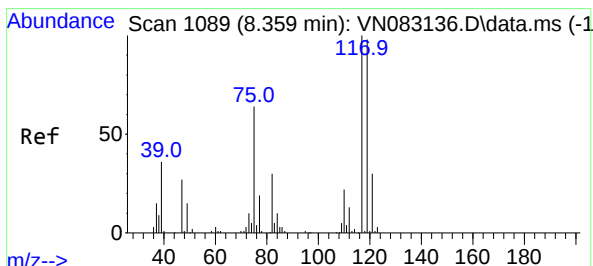
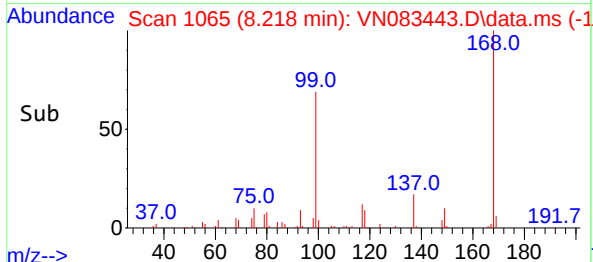
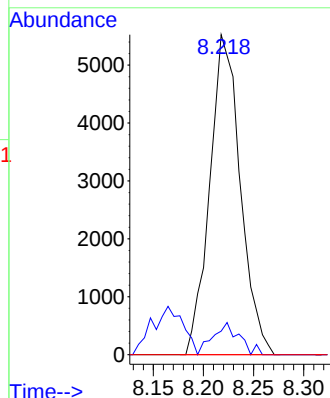
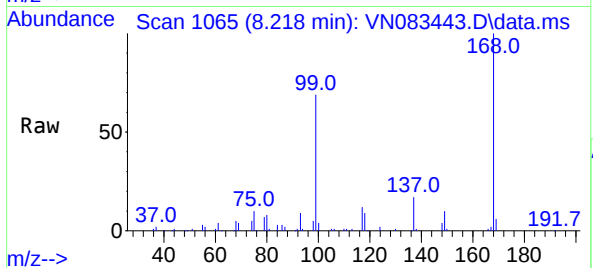




#36
1,1-Dichloropropene
Concen: 4.784 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

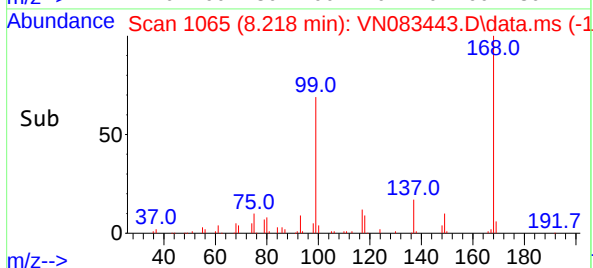
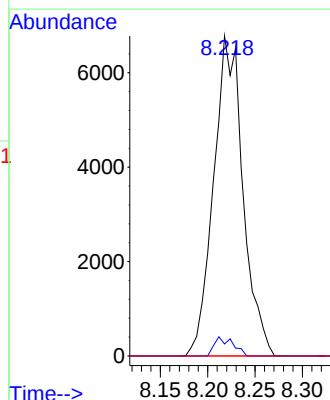
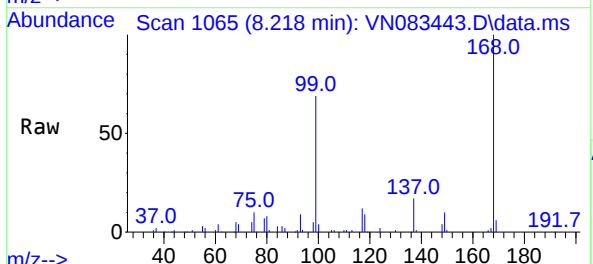
Instrument :
MSVOA_N
ClientSampleId :

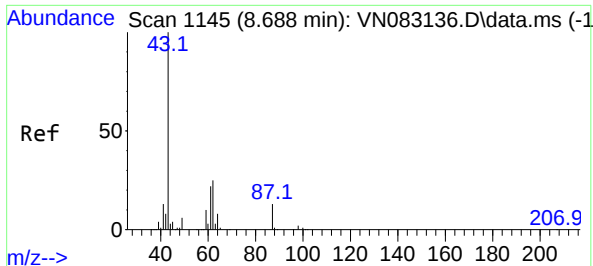
Tgt Ion: 75 Resp: 11722
Ion Ratio Lower Upper
75 100
110 8.6 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.295 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

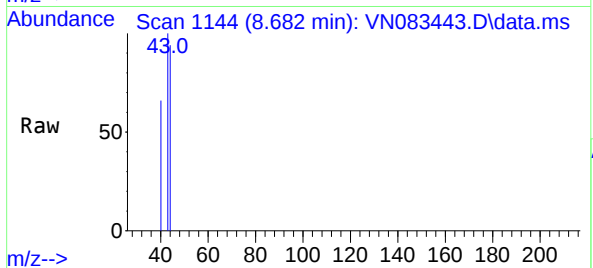
Tgt Ion: 117 Resp: 14615
Ion Ratio Lower Upper
117 100
119 3.7 74.9 112.3#
121 0.0 24.3 36.5#



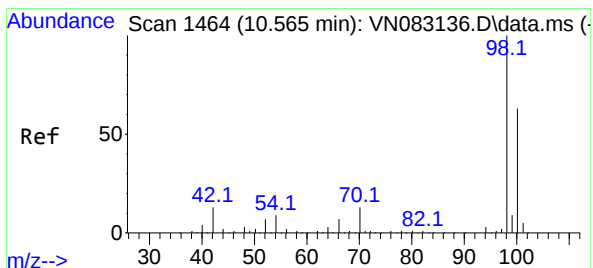
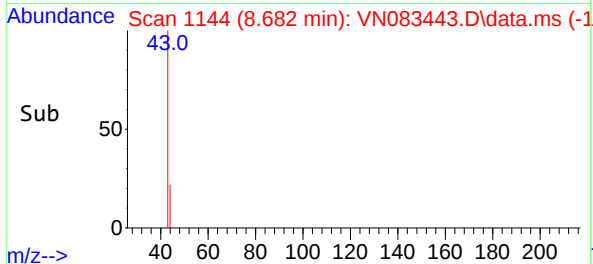
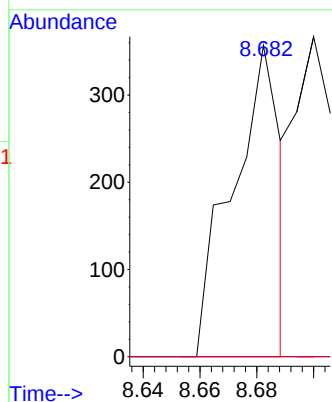


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :

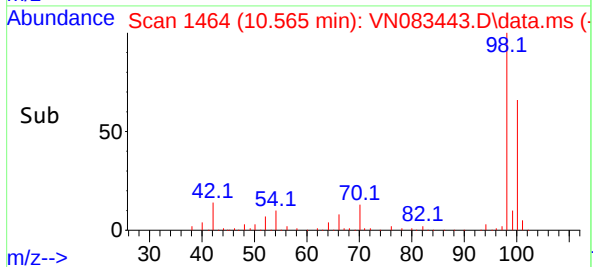
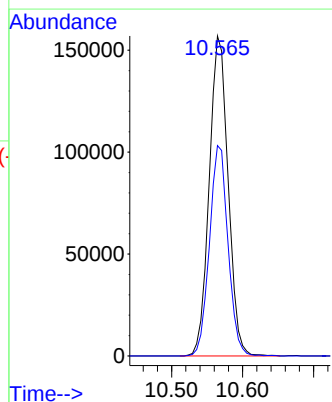
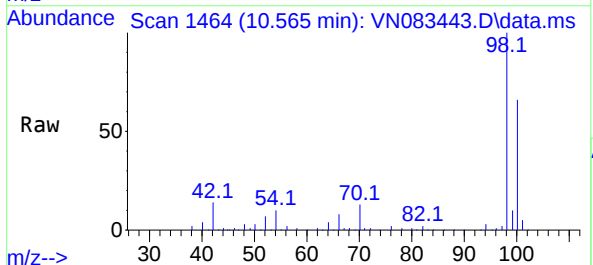


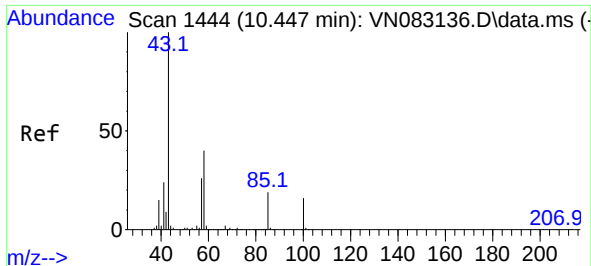
Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 47.956 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Tgt Ion: 98 Resp: 289773
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

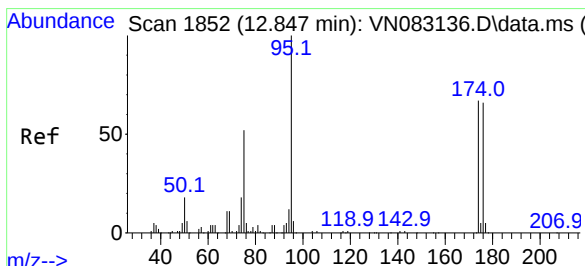
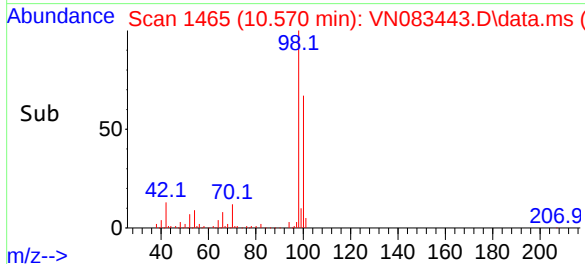
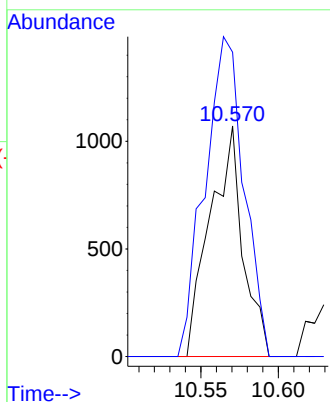
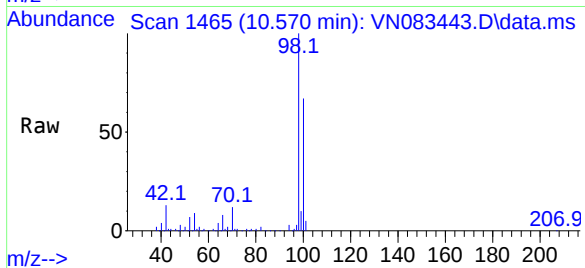




#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.570 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

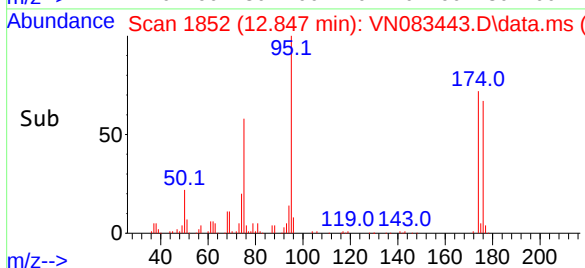
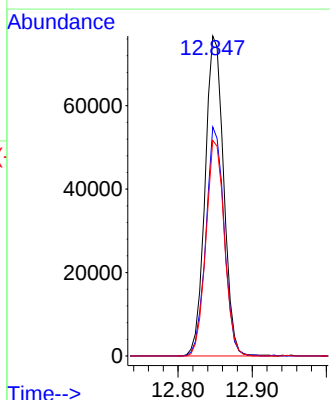
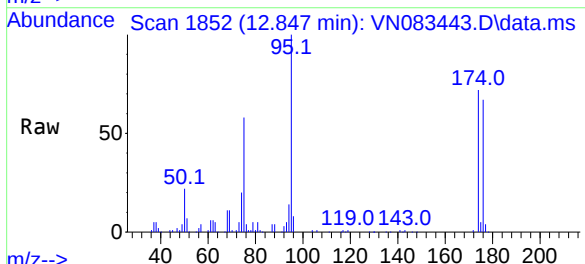
Instrument :
MSVOA_N
ClientSampleId :

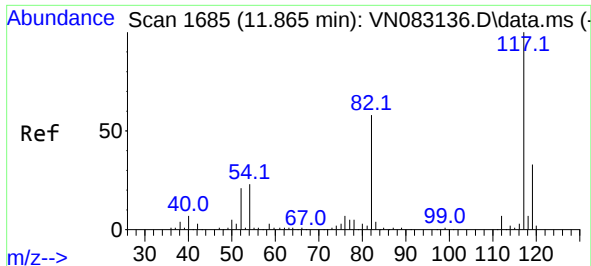
Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 165.8 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.421 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Tgt Ion: 95 Resp: 132911
Ion Ratio Lower Upper
95 100
174 70.4 0.0 159.2
176 67.0 0.0 147.6

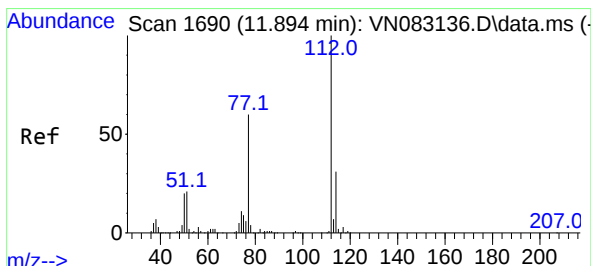
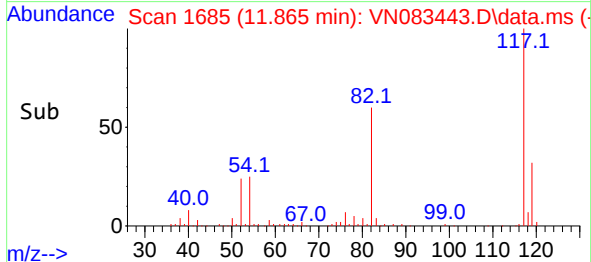
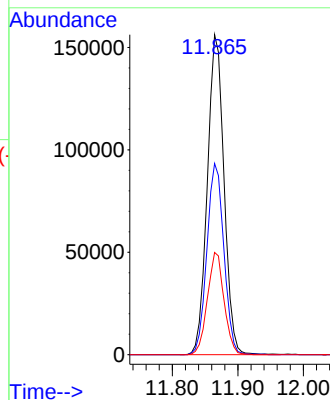
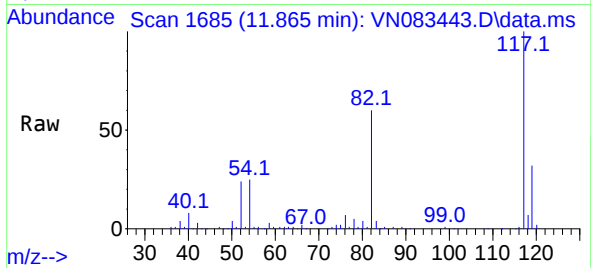




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

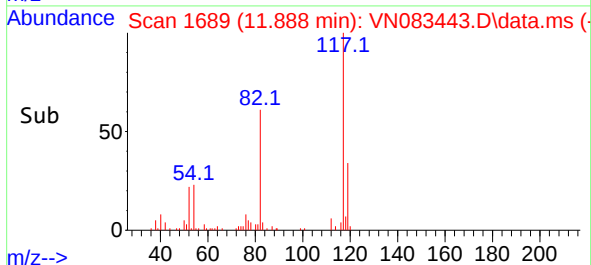
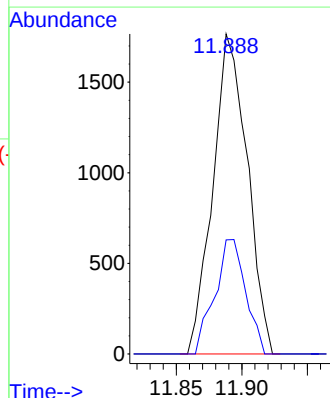
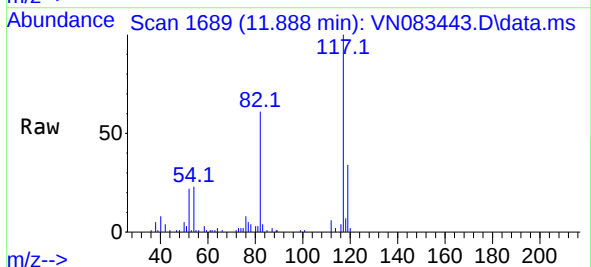
Instrument :
MSVOA_N
ClientSampleId :

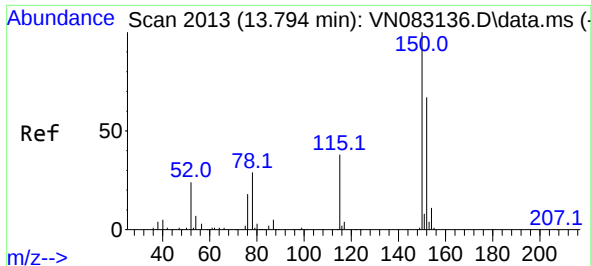
Tgt Ion:117 Resp: 276822
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 31.9 25.6 38.4



#65
Chlorobenzene
Concen: 0.526 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

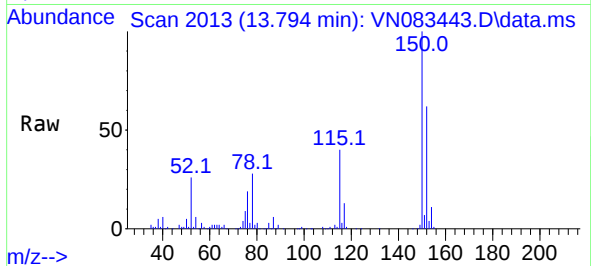
Tgt Ion:112 Resp: 3216
Ion Ratio Lower Upper
112 100
114 35.7 26.2 39.2



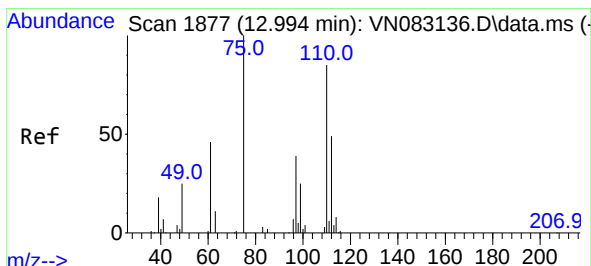
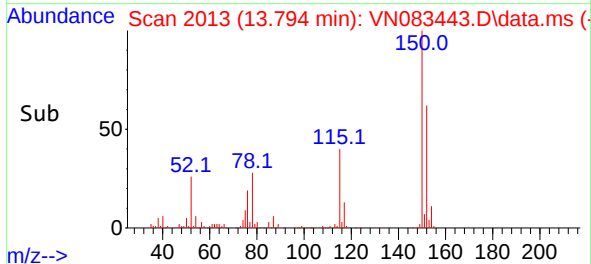
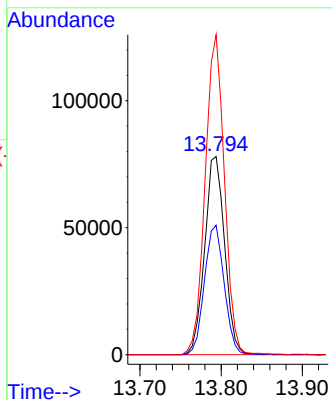


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :

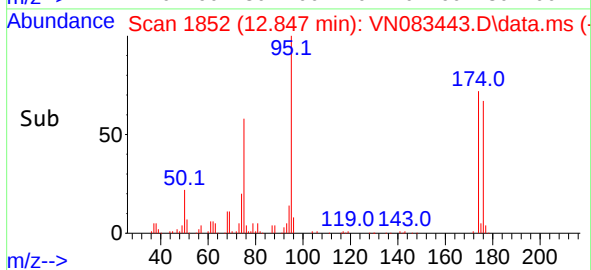
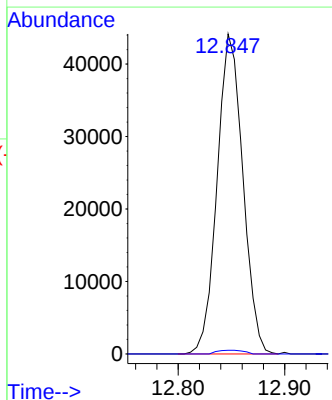
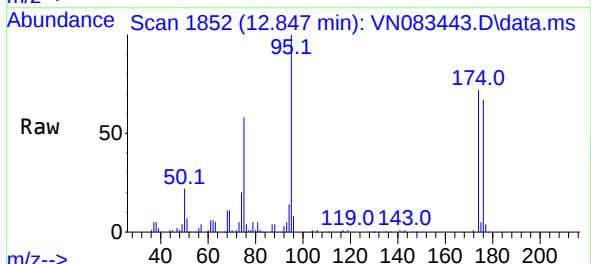


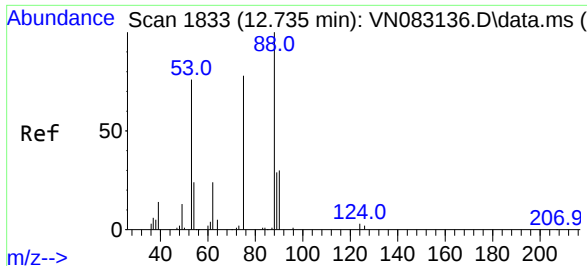
Tgt Ion:152 Resp: 133440
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 155.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 25.266 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

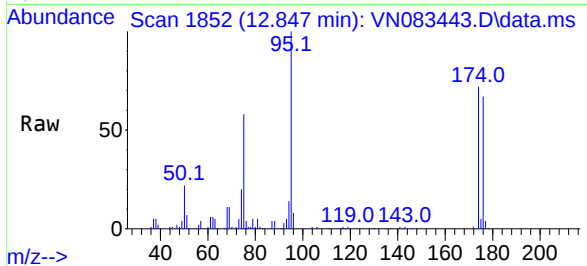
Tgt Ion: 75 Resp: 73997
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.960 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083443.D
Acq: 22 Aug 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 73997
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

