

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083440.D
 Acq On : 22 Aug 2024 16:57
 Operator : JC\MD
 Sample : P3656-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:42:27 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)

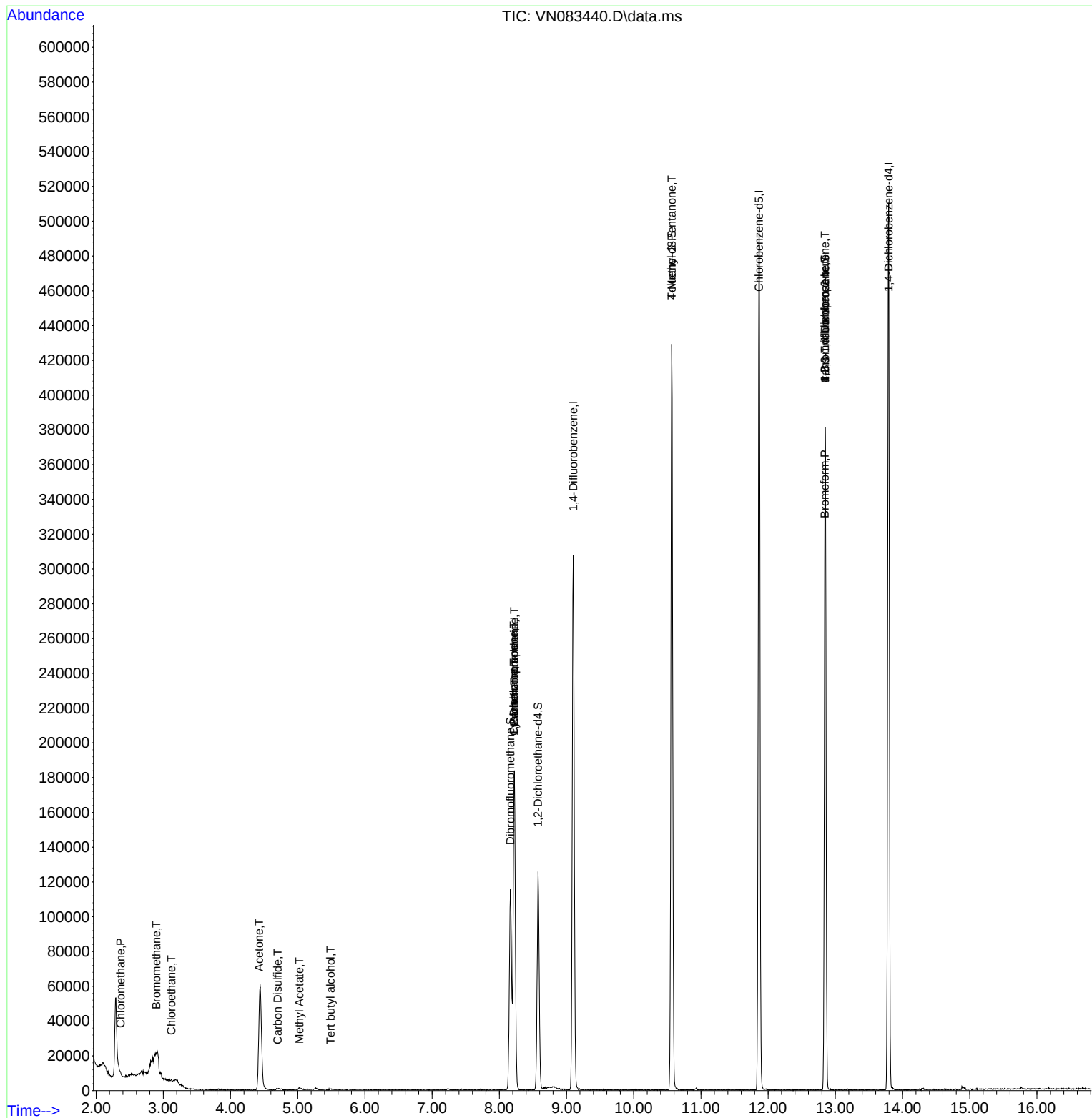
Internal Standards						
1) Pentafluorobenzene	8.224	168	125065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102545	57.604	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.200%		
35) Dibromofluoromethane	8.165	113	81439	50.540	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.080%		
50) Toluene-d8	10.565	98	291215	48.448	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.900%		
62) 4-Bromofluorobenzene	12.847	95	135791	57.947	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 115.900%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1165	0.802	ug/l	96
5) Bromomethane	2.895	94	200	0.218	ug/l #	1
6) Chloroethane	3.118	64	815	0.879	ug/l #	51
11) Tert butyl alcohol	5.489	59	136	0.368	ug/l #	71
16) Acetone	4.424	43	920	1.321	ug/l #	48
17) Carbon Disulfide	4.701	76	1720	0.424	ug/l #	75
18) Methyl Acetate	5.024	43	2120	1.021	ug/l #	76
31) Cyclohexane	8.218	56	3067	1.163	ug/l #	15
36) 1,1-Dichloropropene	8.218	75	12238	5.021	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14493	5.279	ug/l #	17
43) Isopropyl Acetate	8.694	43	1105	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1333	0.516	ug/l #	1
71) Bromoform	12.841	173	482	0.295	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	76648	26.604	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76648	57.870	ug/l #	6

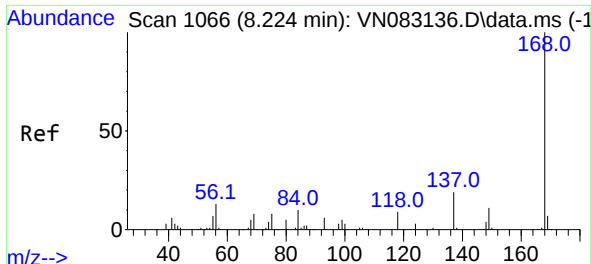
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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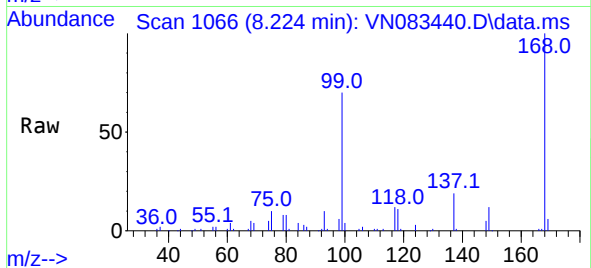
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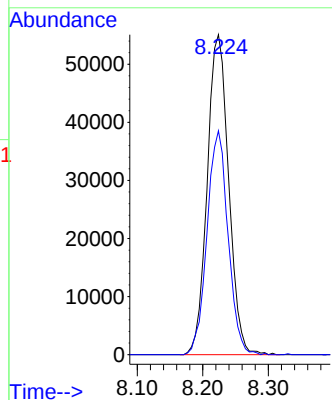
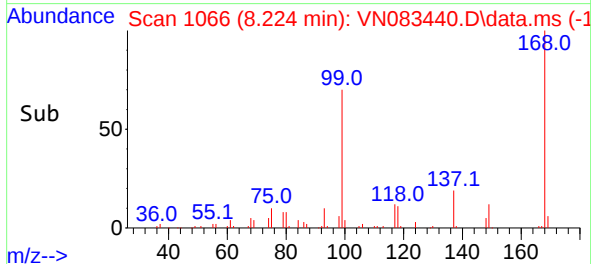


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

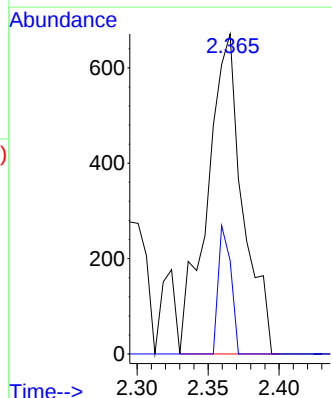
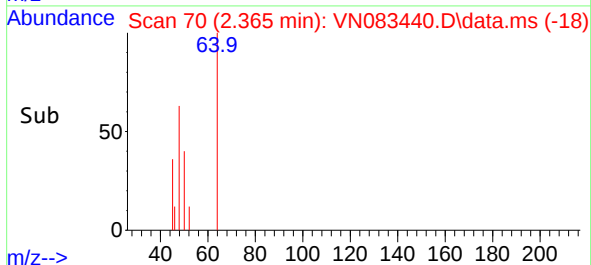
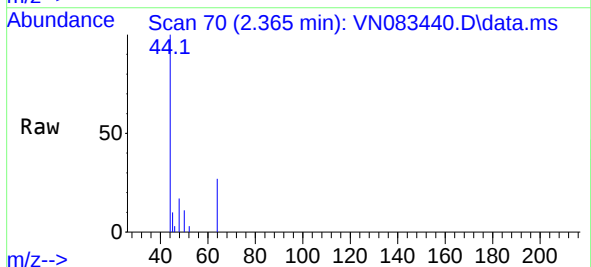


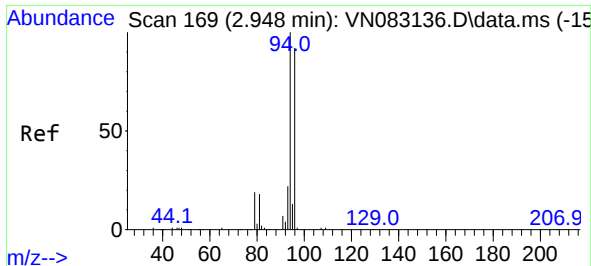
Tgt Ion:168 Resp: 125065
Ion Ratio Lower Upper
168 100
99 70.0 48.2 72.4



#3
Chloromethane
Concen: 0.802 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

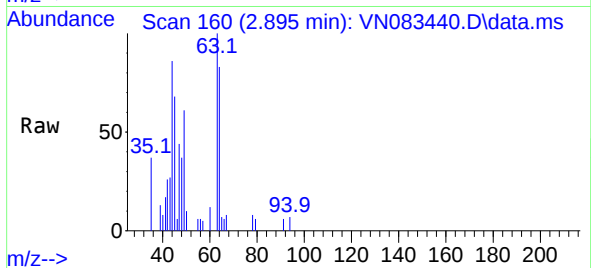
Tgt Ion: 50 Resp: 1165
Ion Ratio Lower Upper
50 100
52 29.2 25.0 37.4



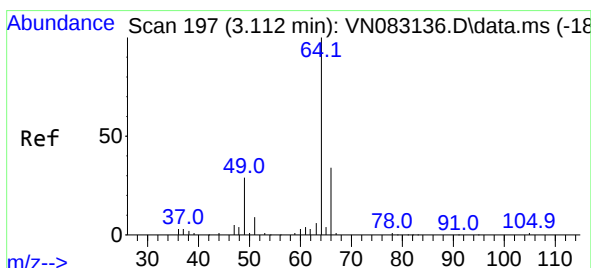
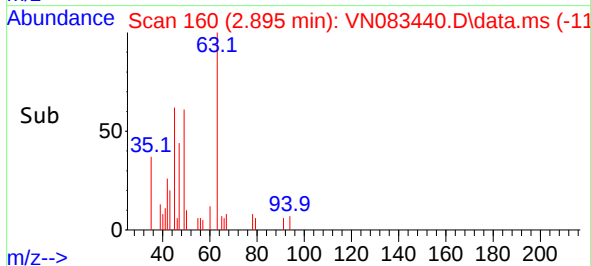
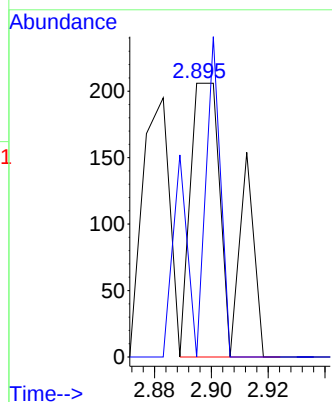


#5
Bromomethane
Concen: 0.218 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

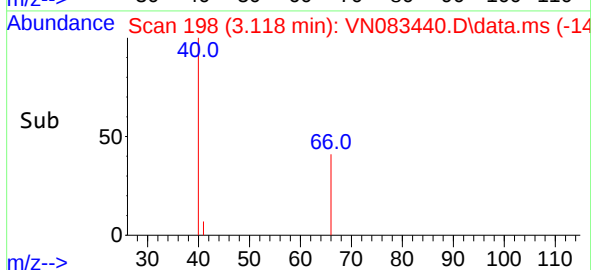
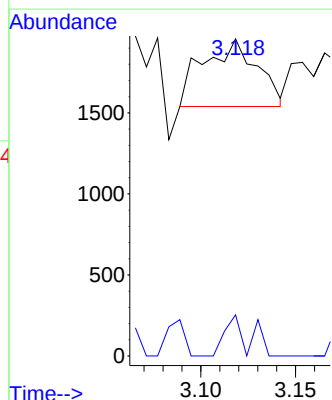
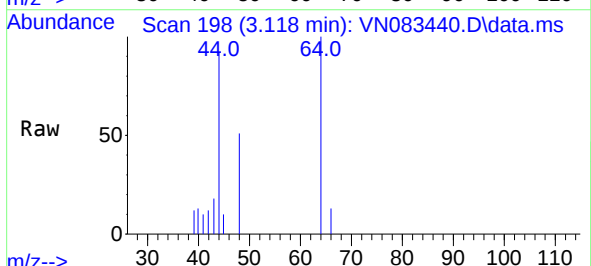


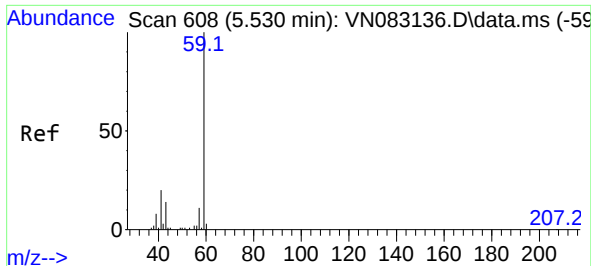
Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#6
Chloroethane
Concen: 0.879 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Tgt Ion: 64 Resp: 815
Ion Ratio Lower Upper
64 100
66 60.9 26.6 40.0#

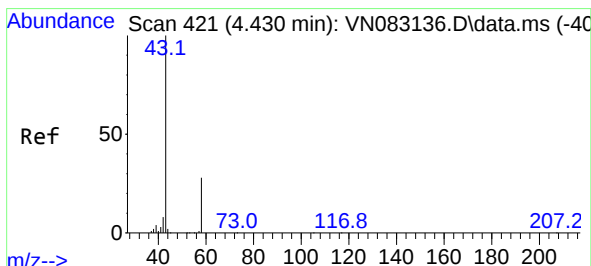
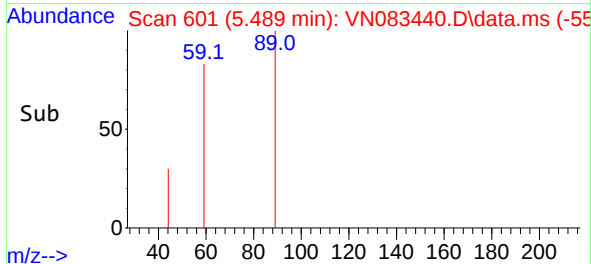
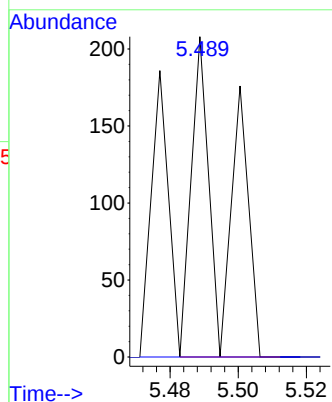
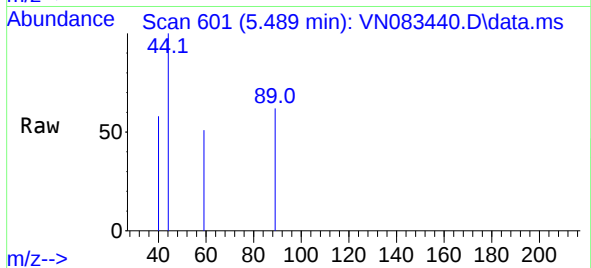




#11
Tert butyl alcohol
Concen: 0.368 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.041 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

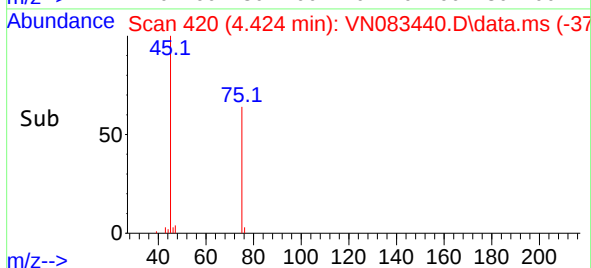
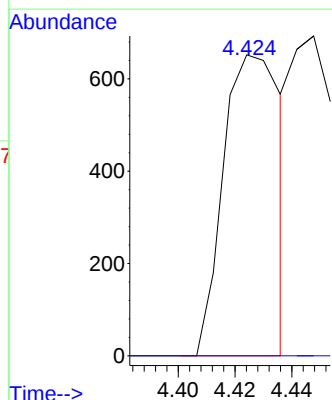
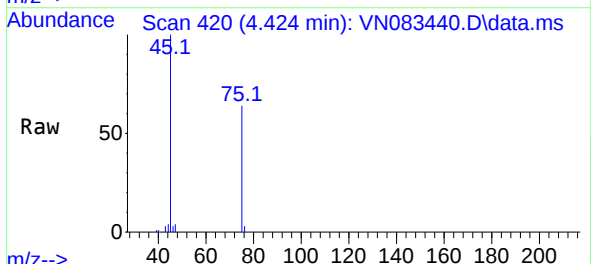
Instrument :
MSVOA_N
ClientSampleId :

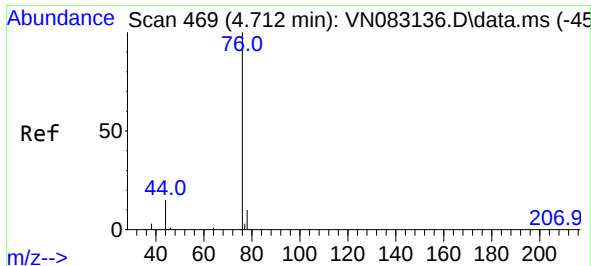
Tgt Ion: 59 Resp: 136
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 1.321 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

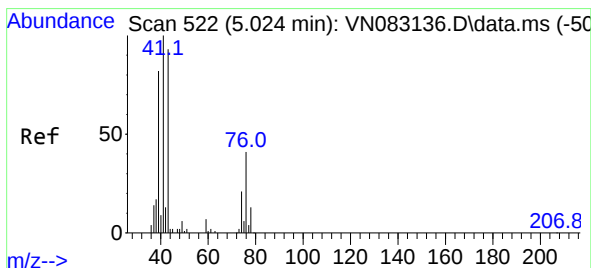
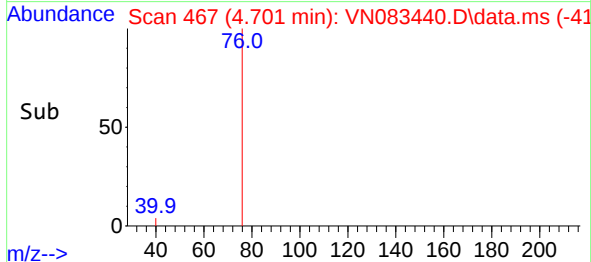
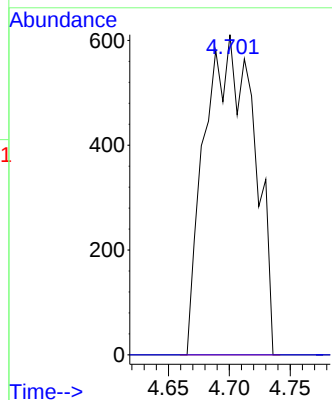
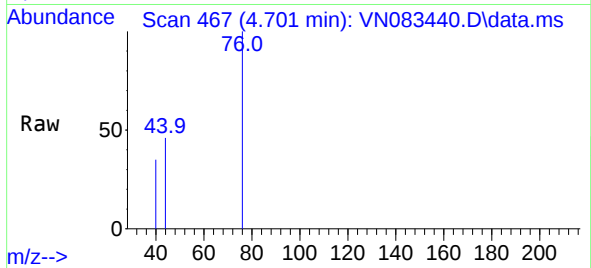




#17
Carbon Disulfide
Concen: 0.424 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

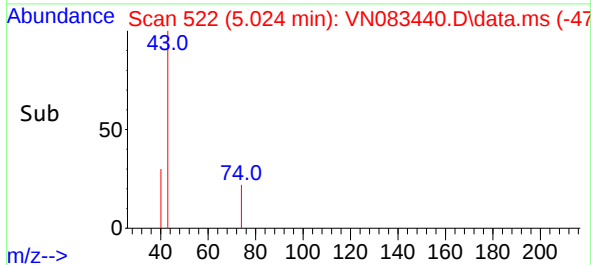
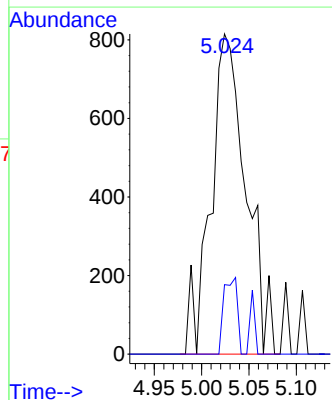
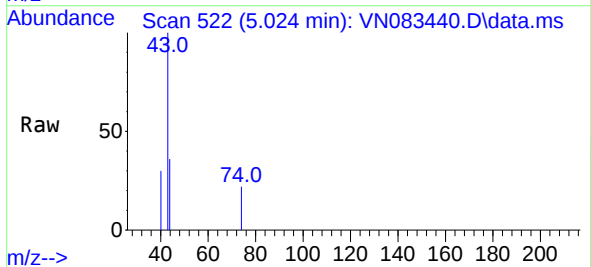
Instrument :
MSVOA_N
ClientSampleId :

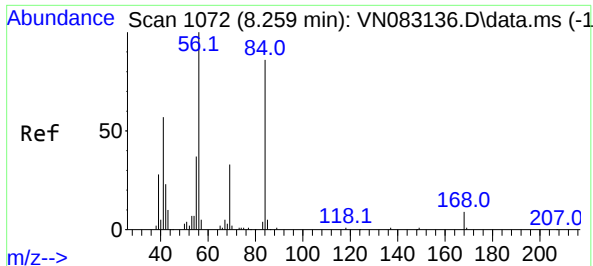
Tgt Ion: 76 Resp: 1720
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.021 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Tgt Ion: 43 Resp: 2120
Ion Ratio Lower Upper
43 100
74 9.1 16.3 24.5#





#31

Cyclohexane

Concen: 1.163 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

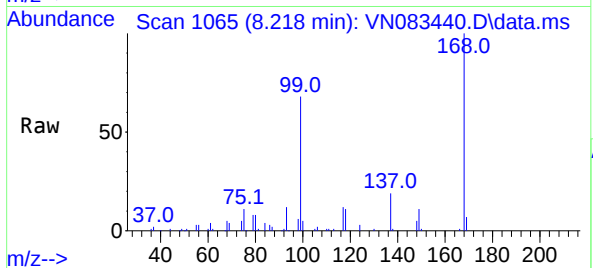
Lab File: VN083440.D

Acq: 22 Aug 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :



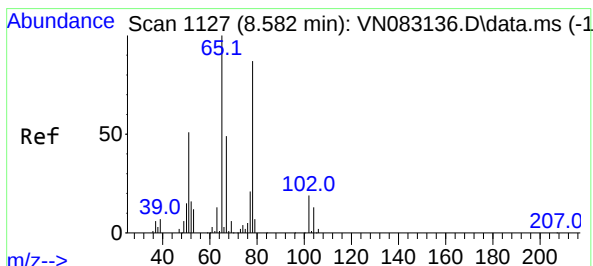
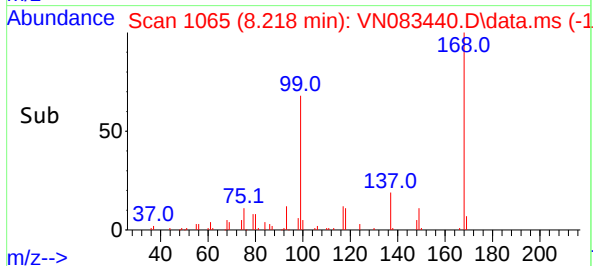
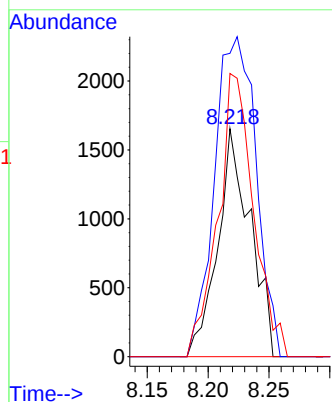
Tgt Ion: 56 Resp: 3067

Ion Ratio Lower Upper

56 100

69 133.1 24.5 36.7#

84 124.2 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 57.604 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083440.D

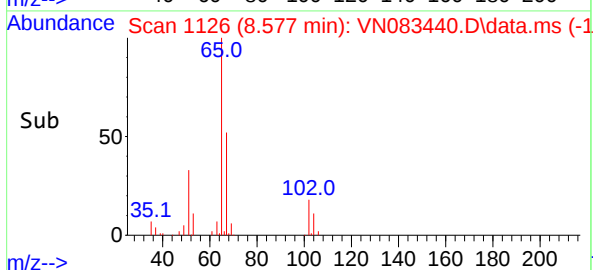
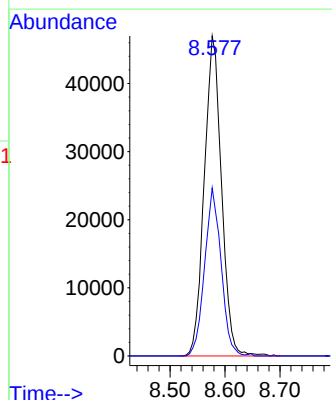
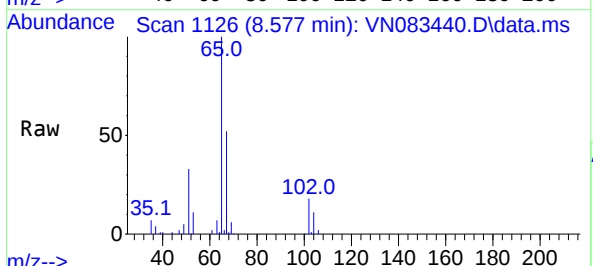
Acq: 22 Aug 2024 16:57

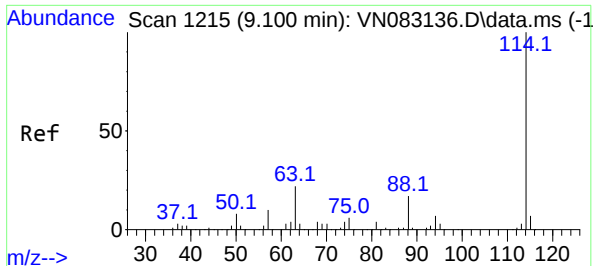
Tgt Ion: 65 Resp: 102545

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.4

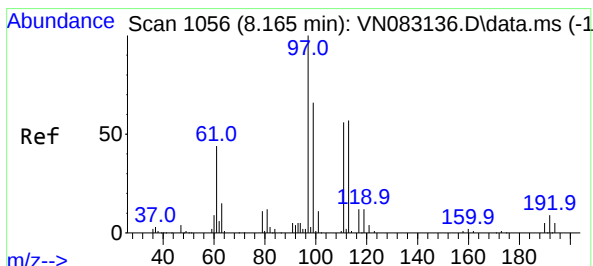
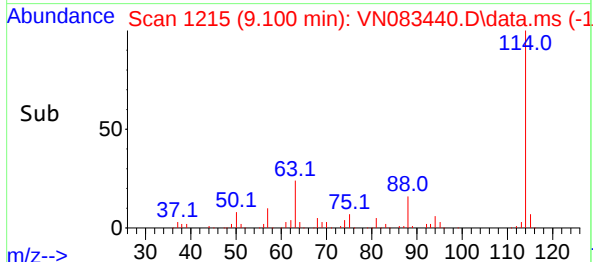
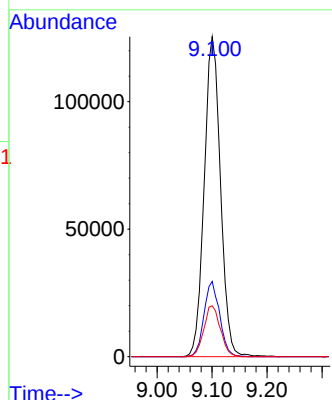
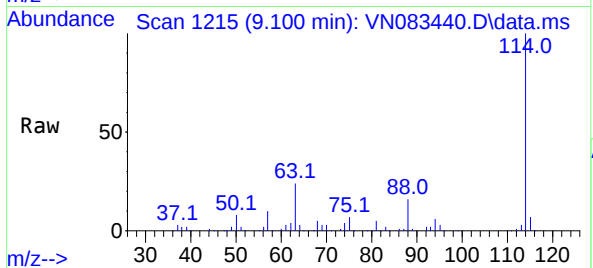




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

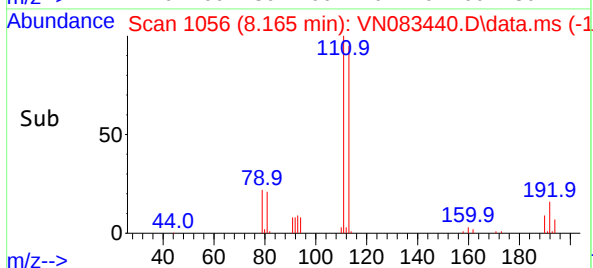
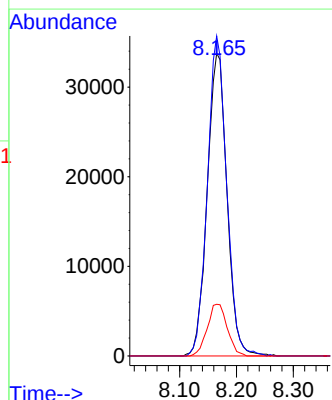
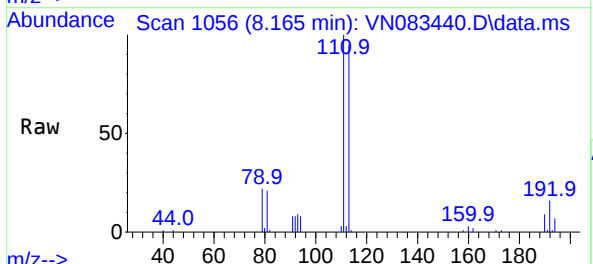
Instrument :
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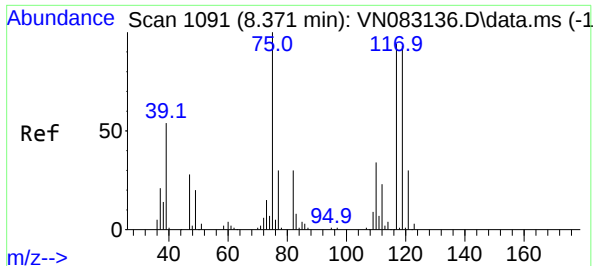
Tgt Ion:114 Resp: 258161
Ion Ratio Lower Upper
114 100
63 23.5 0.0 44.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.540 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

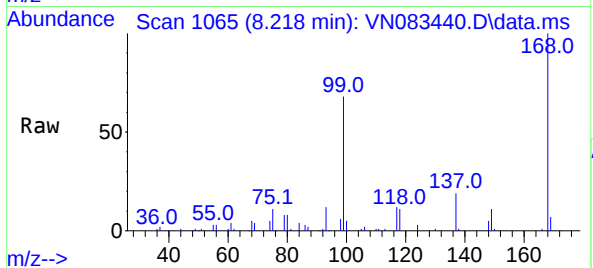
Tgt Ion:113 Resp: 81439
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 17.3 14.9 22.3



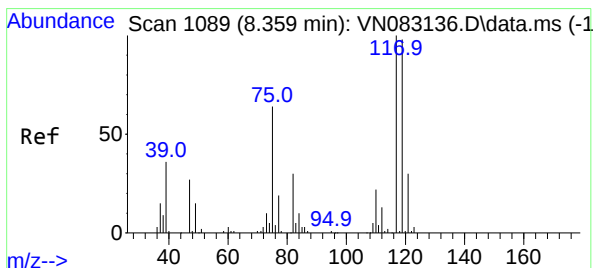
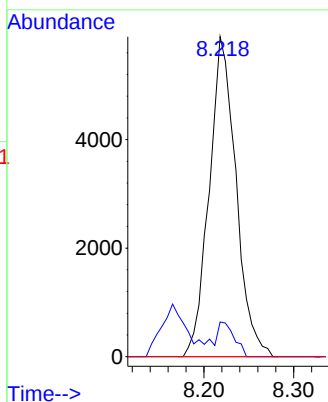
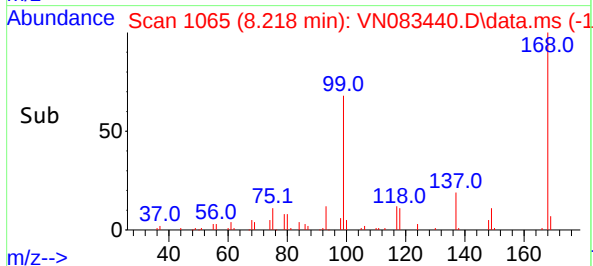


#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

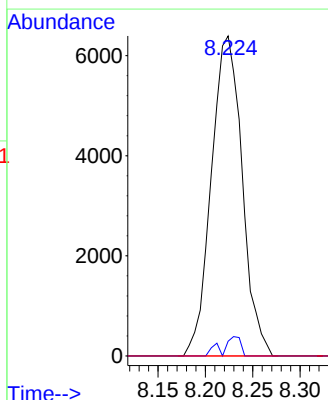
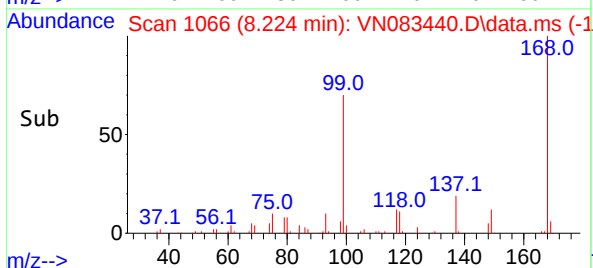
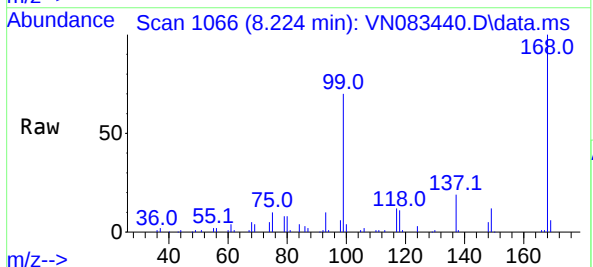


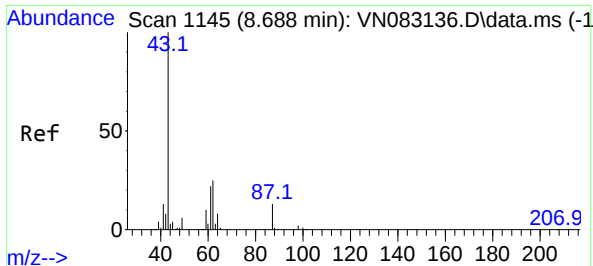
Tgt Ion: 75 Resp: 12238
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.279 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

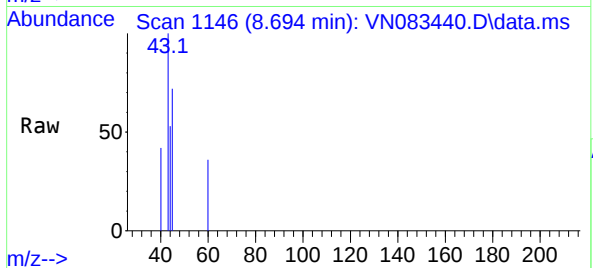
Tgt Ion: 117 Resp: 14493
Ion Ratio Lower Upper
117 100
119 4.6 74.9 112.3#
121 0.0 24.3 36.5#



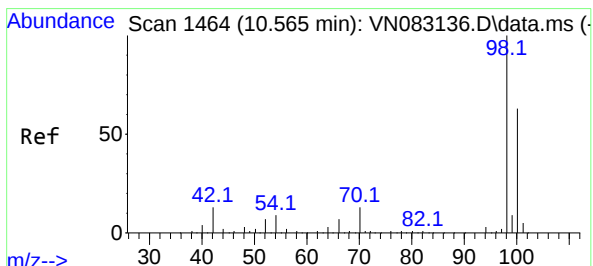
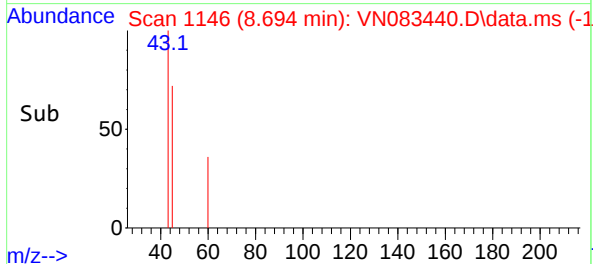
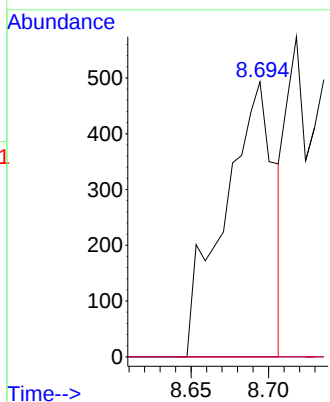


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

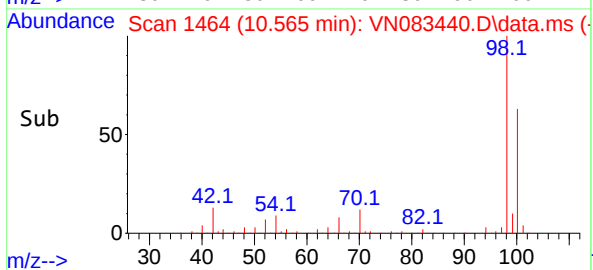
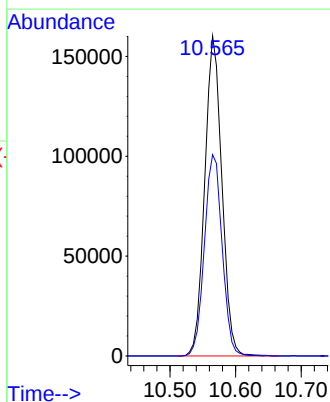
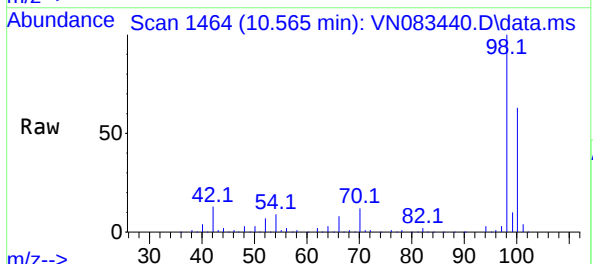


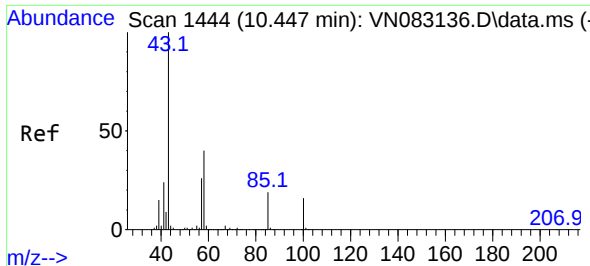
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.448 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

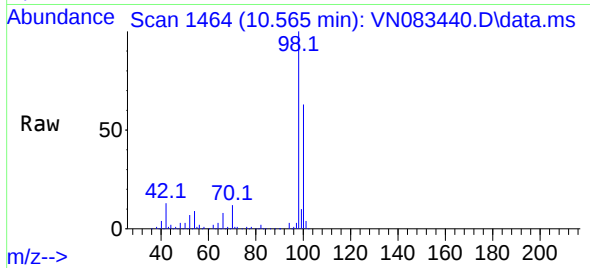
Tgt Ion: 98 Resp: 291215
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



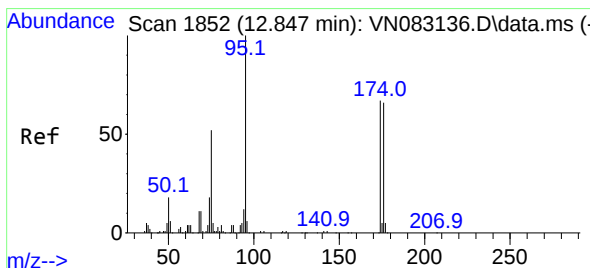
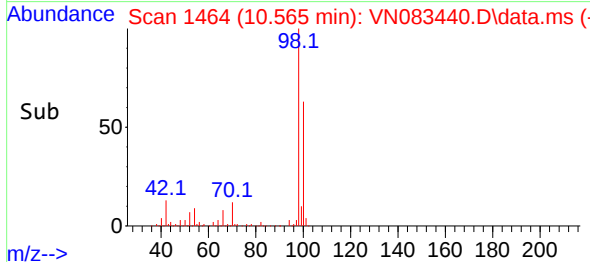
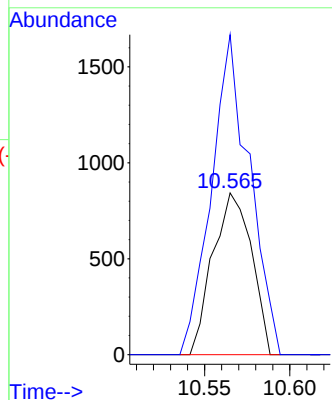


#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

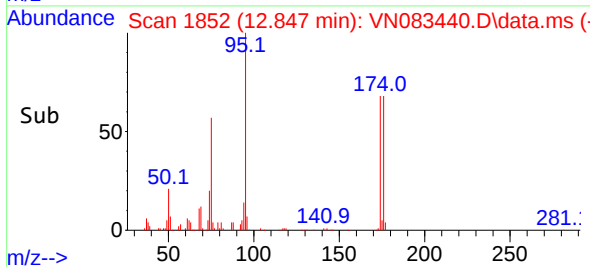
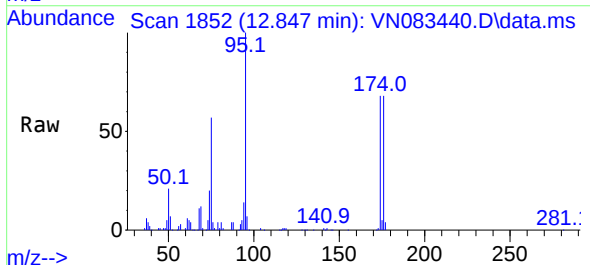
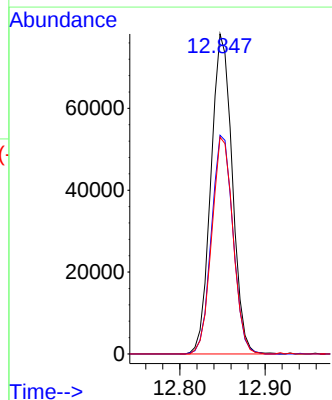


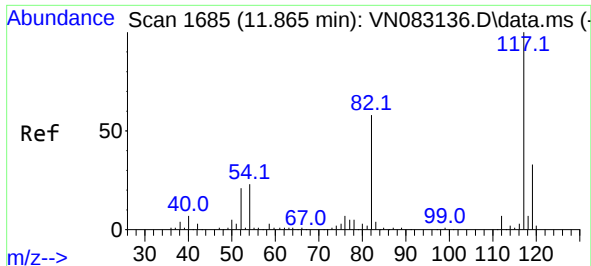
Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 194.7 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 57.947 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

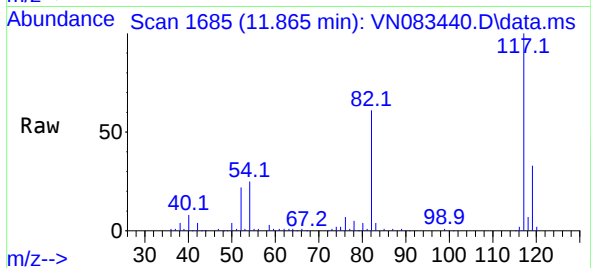
Tgt Ion: 95 Resp: 135791
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 67.5 0.0 147.6



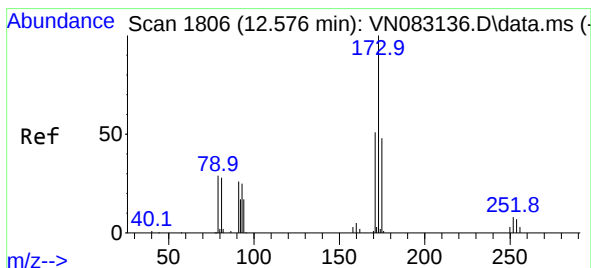
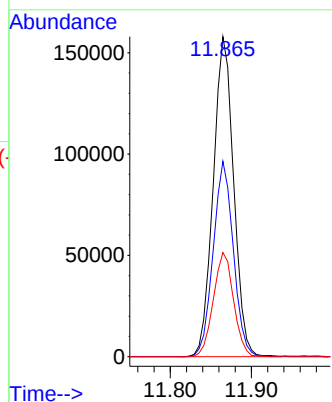


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

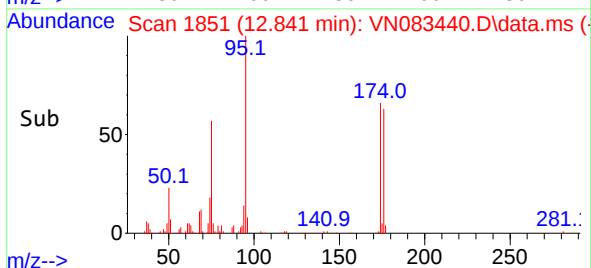
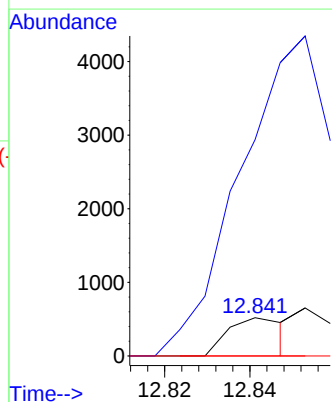
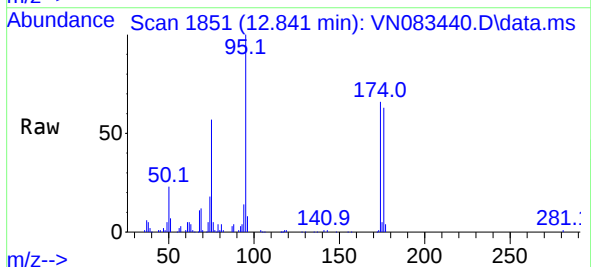


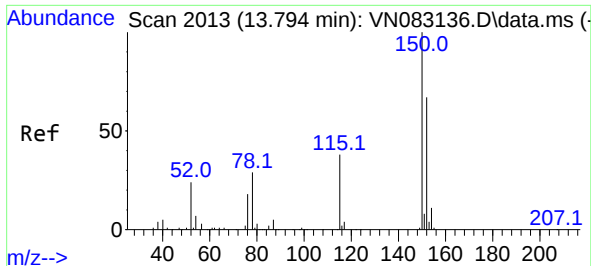
Tgt Ion:117 Resp: 276312
Ion Ratio Lower Upper
117 100
82 61.1 47.5 71.3
119 32.6 25.6 38.4



#71
Bromoform
Concen: 0.295 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

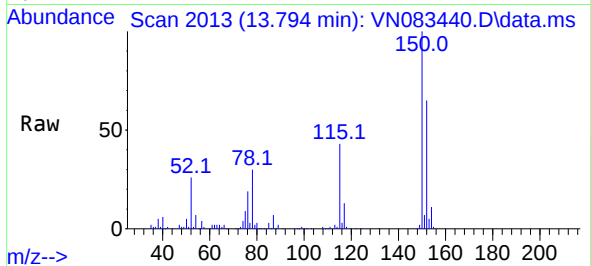
Tgt Ion:173 Resp: 482
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



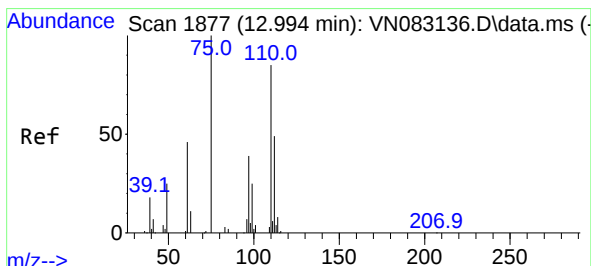
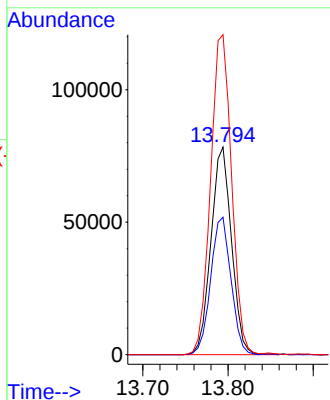
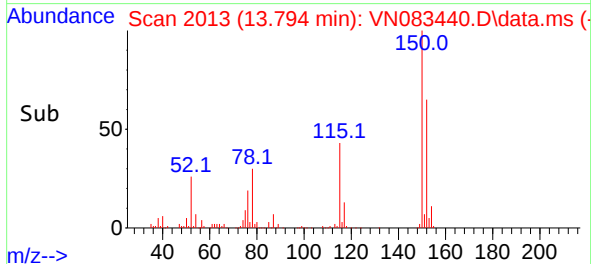


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

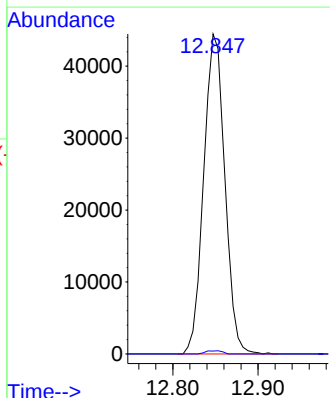
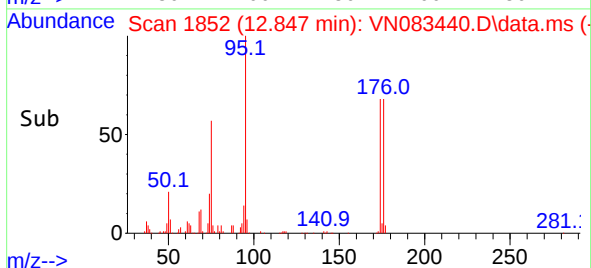
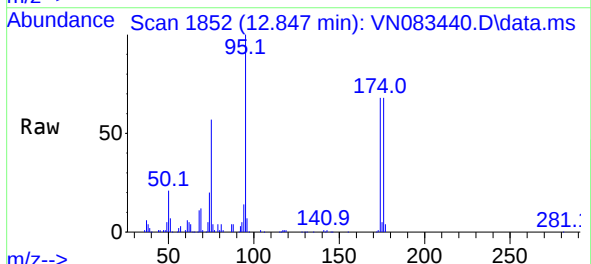


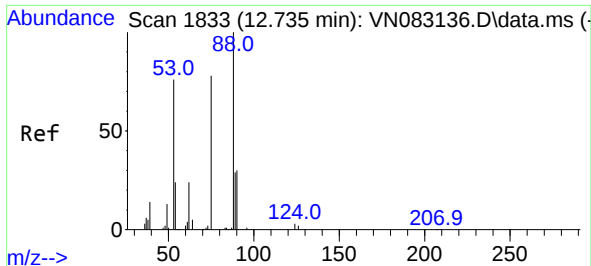
Tgt Ion:152 Resp: 131271
Ion Ratio Lower Upper
152 100
115 65.5 30.6 91.6
150 157.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 26.604 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

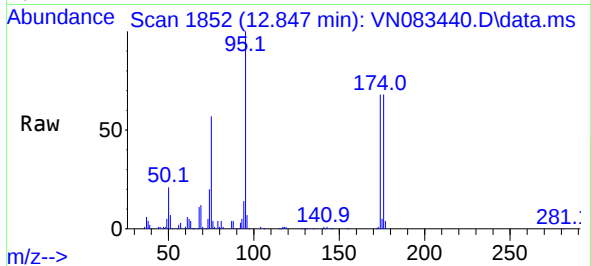
Tgt Ion: 75 Resp: 76648
Ion Ratio Lower Upper
75 100
77 0.8 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 57.870 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083440.D
Acq: 22 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	75	Resp:	76648
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

