

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083439.D
 Acq On : 22 Aug 2024 16:33
 Operator : JC\MD
 Sample : P3645-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:42:15 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)

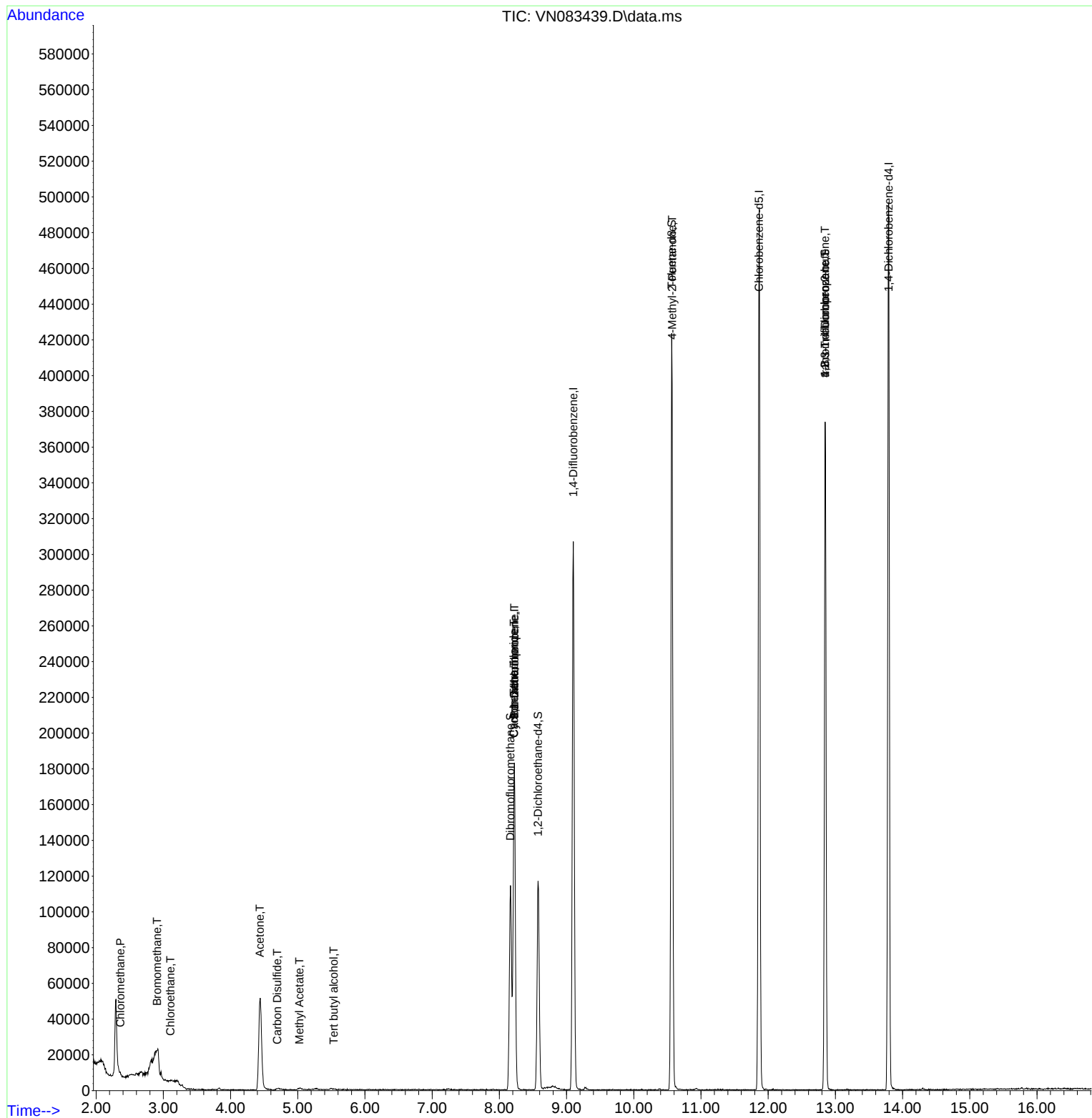
Internal Standards						
1) Pentafluorobenzene	8.224	168	125922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101330	56.534	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.060%	
35) Dibromofluoromethane	8.165	113	80238	49.917	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.840%	
50) Toluene-d8	10.565	98	290123	48.385	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.780%	
62) 4-Bromofluorobenzene	12.847	95	132687	56.762	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	113.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	665	0.455	ug/l	92
5) Bromomethane	2.906	94	313	0.338	ug/l #	69
6) Chloroethane	3.106	64	314	0.336	ug/l #	41
11) Tert butyl alcohol	5.536	59	738	1.981	ug/l #	71
16) Acetone	4.436	43	2550	3.636	ug/l #	48
17) Carbon Disulfide	4.694	76	1785	0.437	ug/l #	75
18) Methyl Acetate	5.024	43	2250	1.077	ug/l #	80
31) Cyclohexane	8.218	56	2967	1.117	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	11743	4.829	ug/l #	51
38) Carbon Tetrachloride	8.218	117	13946	5.092	ug/l #	18
43) Isopropyl Acetate	8.688	43	958	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1450	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72742	25.143	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72742	54.692	ug/l #	6

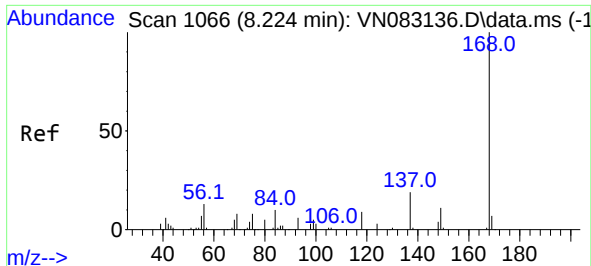
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
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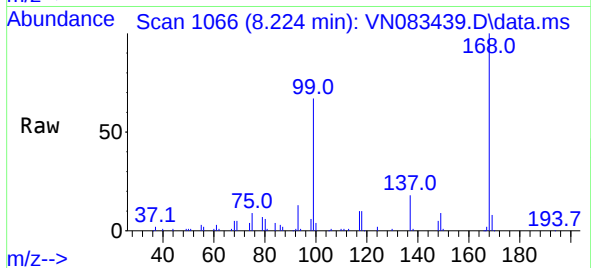
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



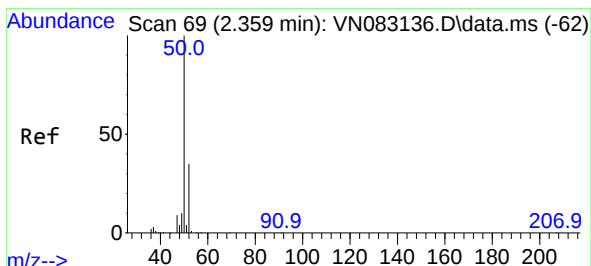
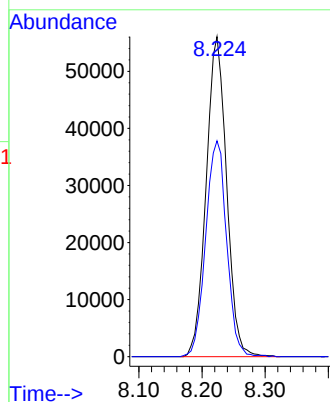
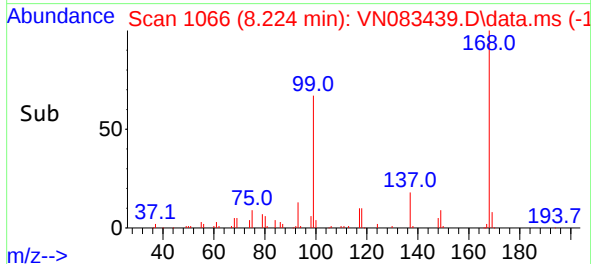


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

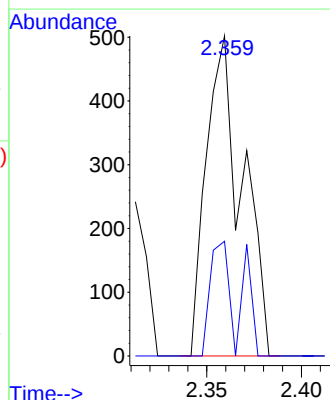
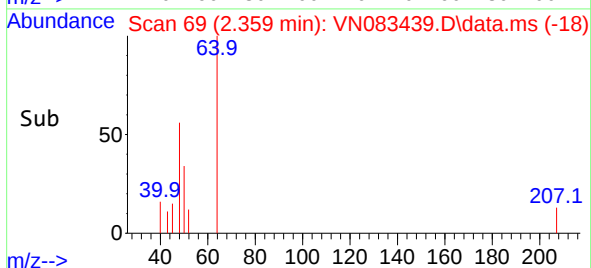
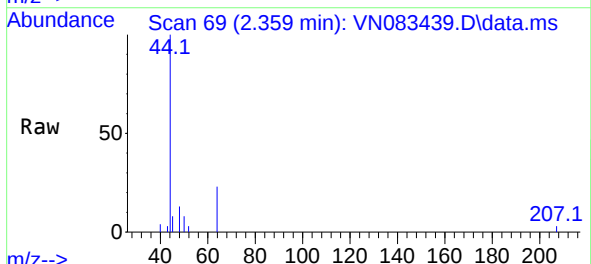


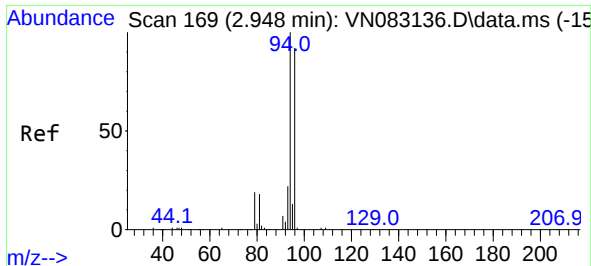
Tgt Ion:168 Resp: 125922
Ion Ratio Lower Upper
168 100
99 67.5 48.2 72.4



#3
Chloromethane
Concen: 0.455 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

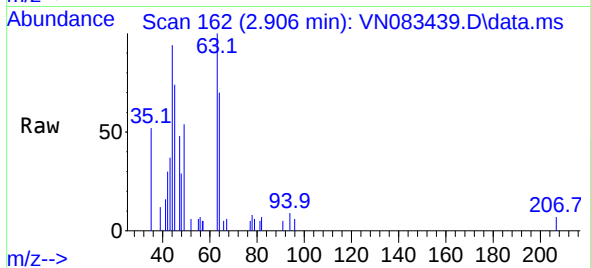
Tgt Ion: 50 Resp: 665
Ion Ratio Lower Upper
50 100
52 35.9 25.0 37.4



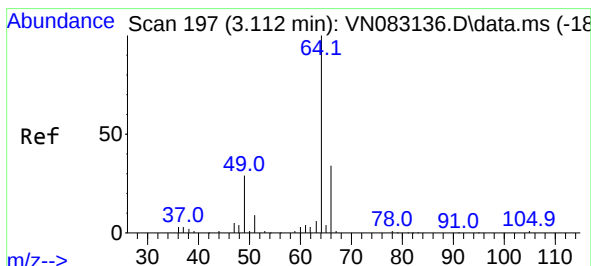
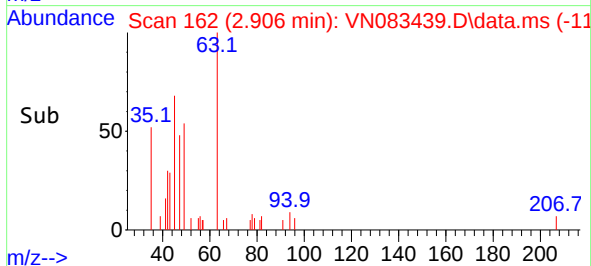
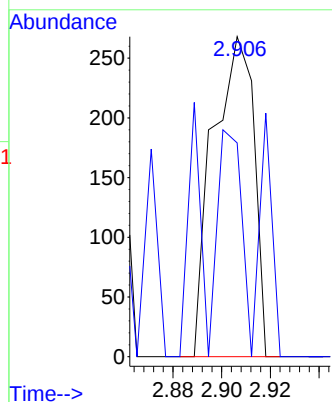


#5
Bromomethane
Concen: 0.338 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

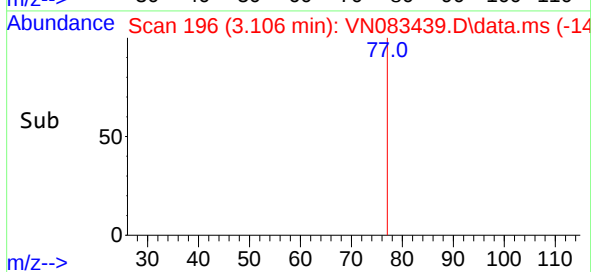
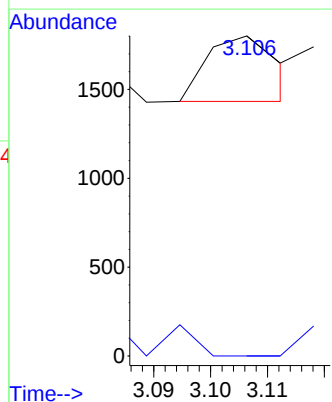
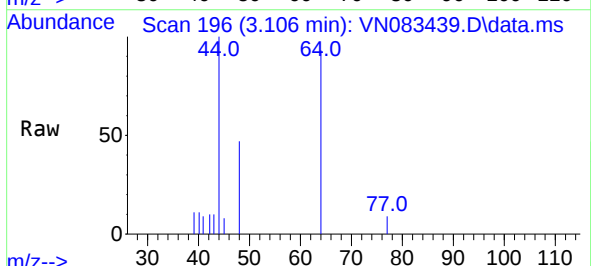


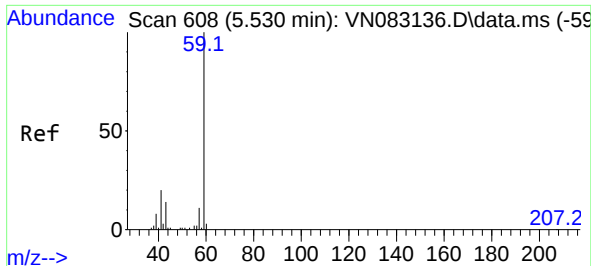
Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 66.8 78.0 117.0#



#6
Chloroethane
Concen: 0.336 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

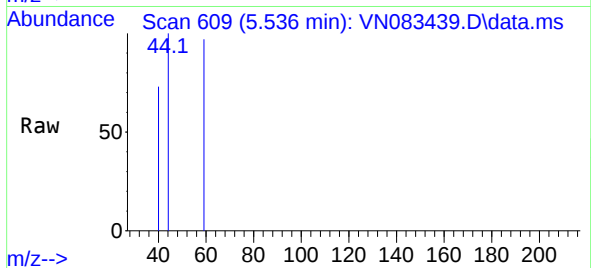
Tgt Ion: 64 Resp: 314
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



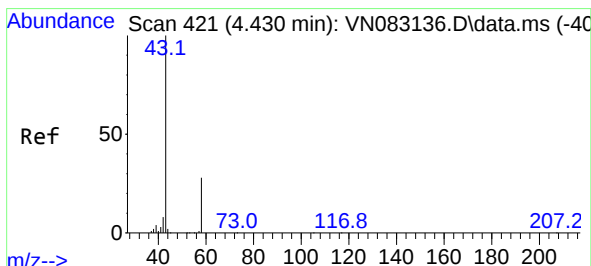
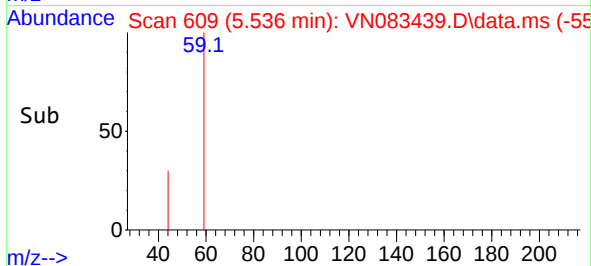
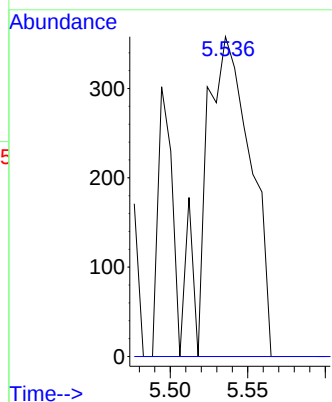


#11
Tert butyl alcohol
Concen: 1.981 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

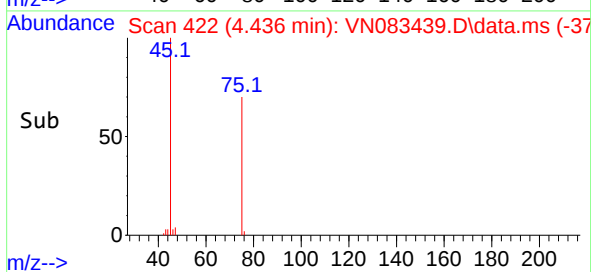
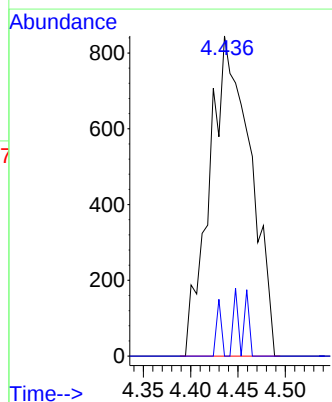
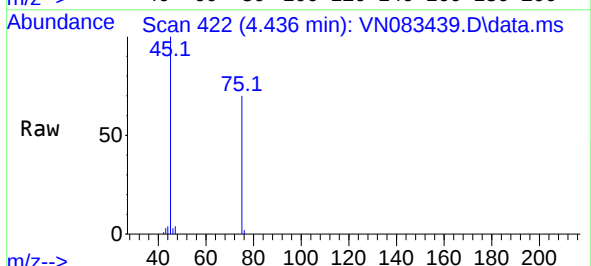


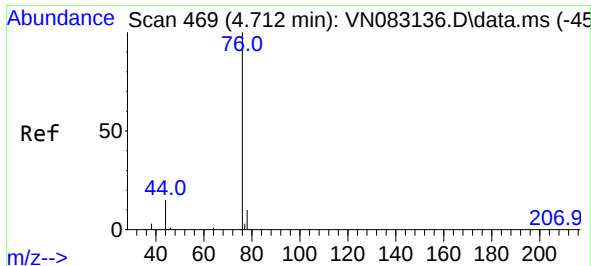
Tgt Ion: 59 Resp: 738
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 3.636 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

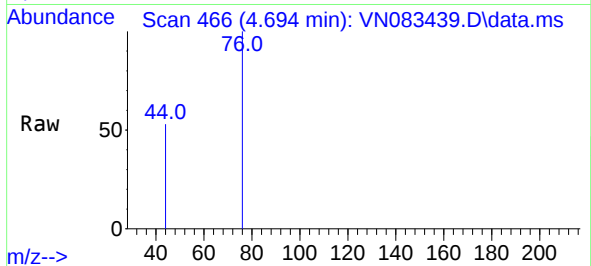
Tgt Ion: 43 Resp: 2550
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



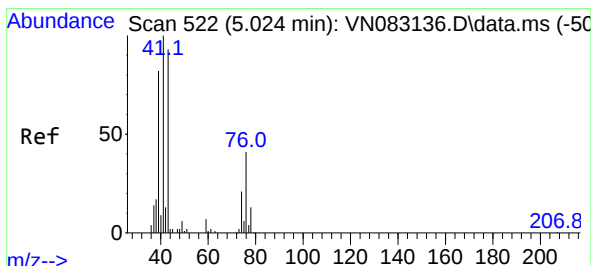
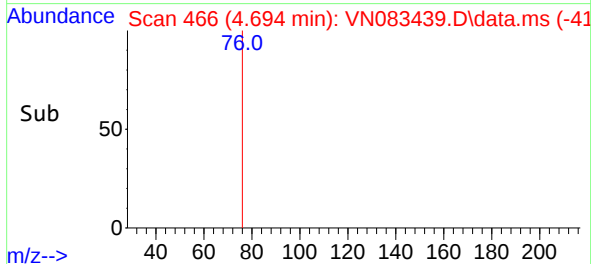
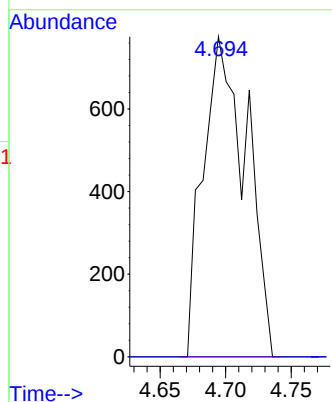


#17
Carbon Disulfide
Concen: 0.437 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

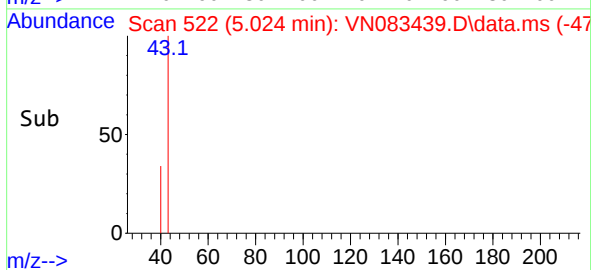
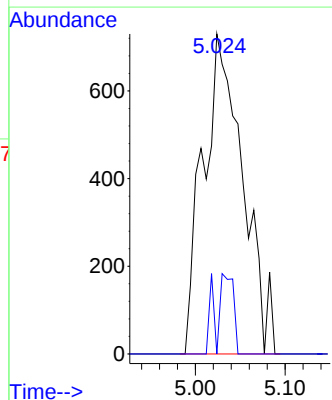
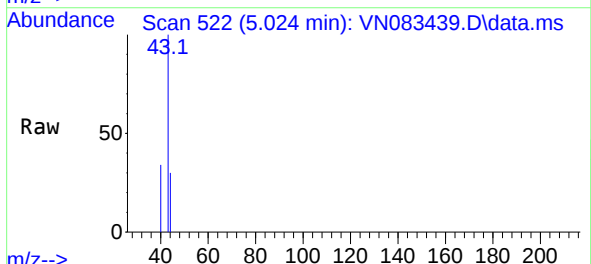


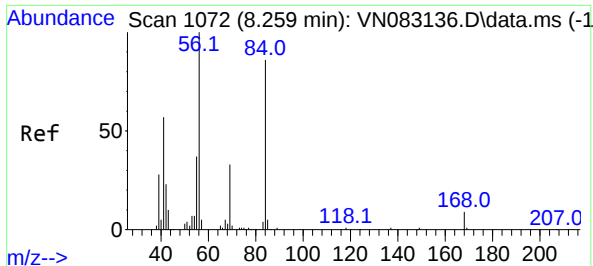
Tgt Ion: 76 Resp: 1785
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.077 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

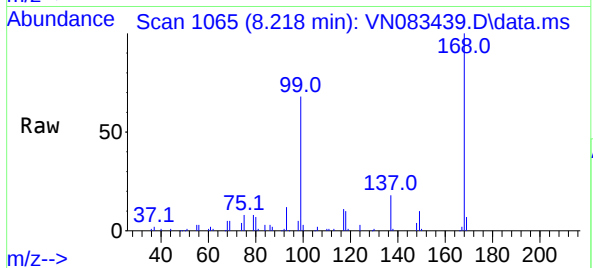
Tgt Ion: 43 Resp: 2250
Ion Ratio Lower Upper
43 100
74 11.1 16.3 24.5#



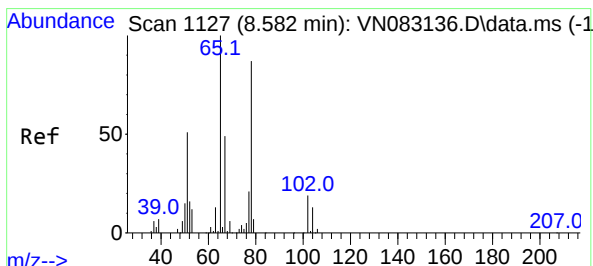
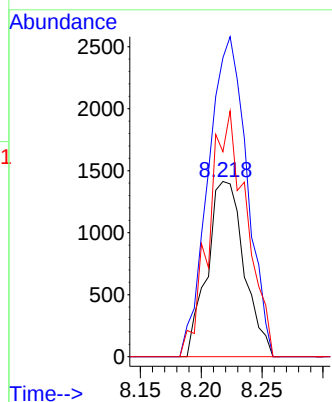
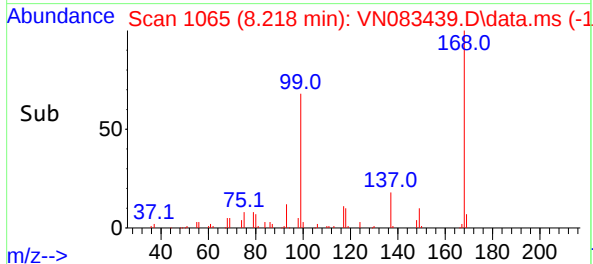


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

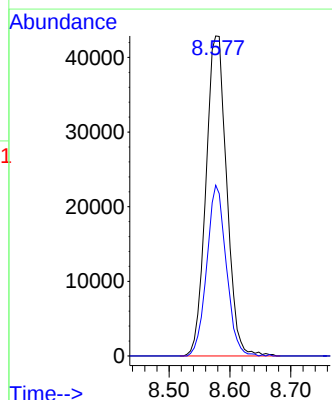
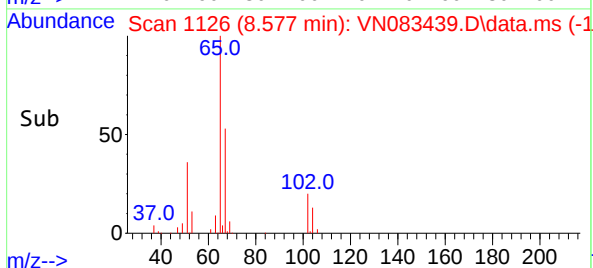
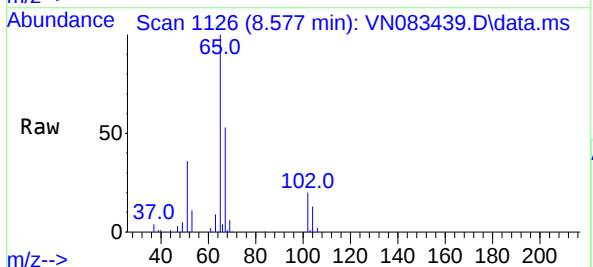


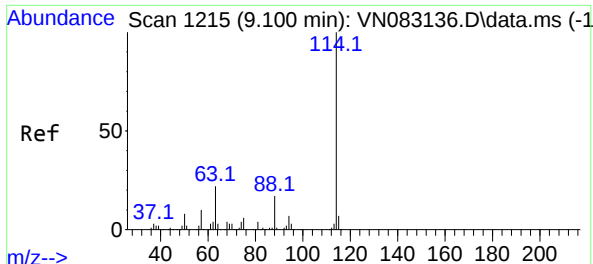
Tgt Ion: 56 Resp: 2967
Ion Ratio Lower Upper
56 100
69 170.6 24.5 36.7#
84 117.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.534 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

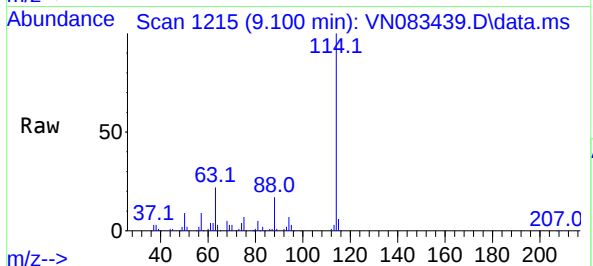
Tgt Ion: 65 Resp: 101330
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4



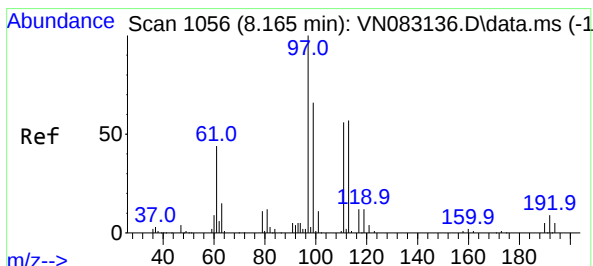
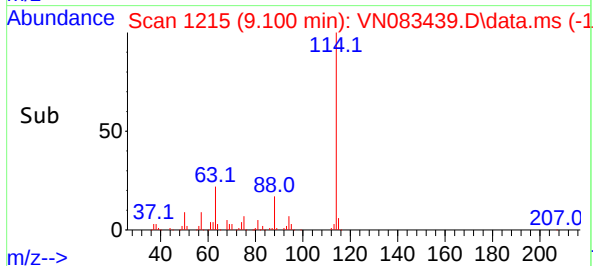
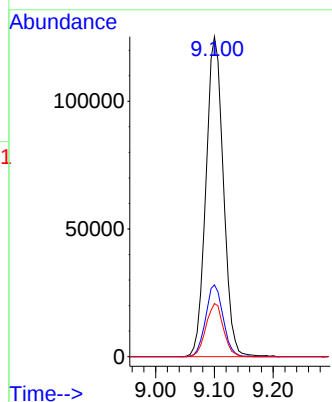


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

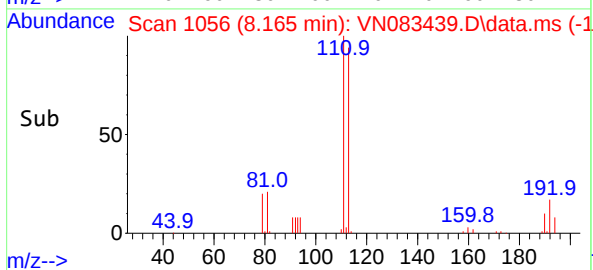
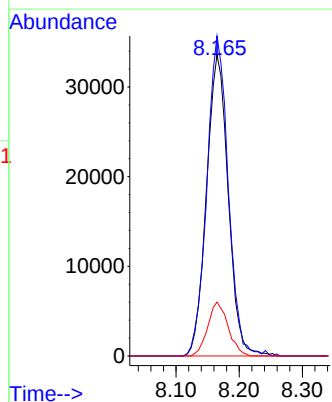
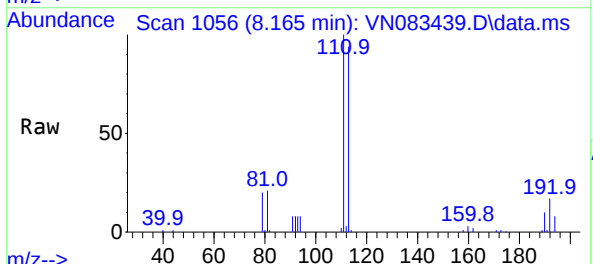


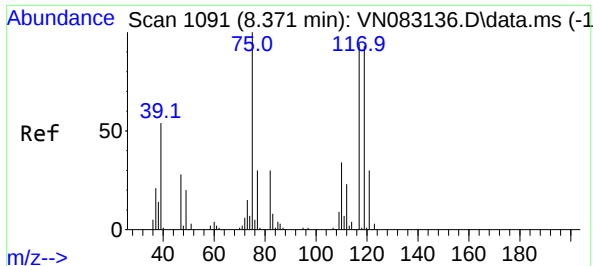
Tgt Ion:114 Resp: 257527
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.6
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.917 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Tgt Ion:113 Resp: 80238
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 16.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.829 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083439.D

Acq: 22 Aug 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

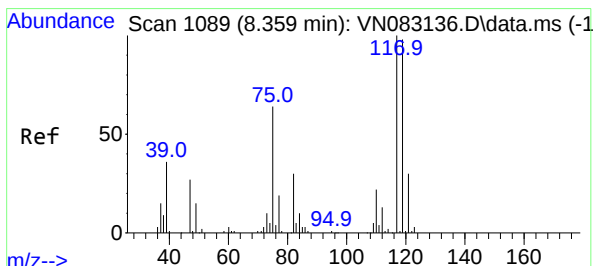
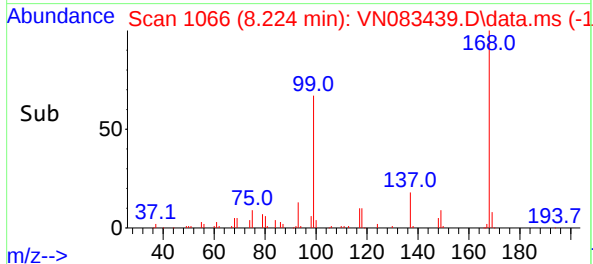
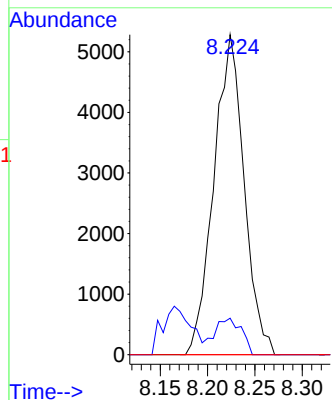
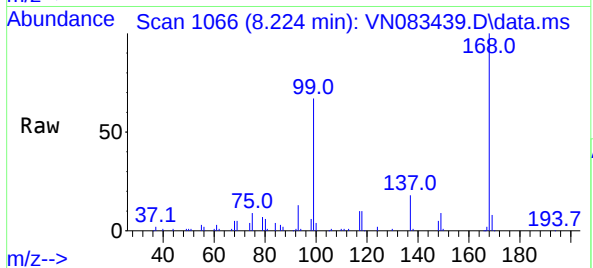
Tgt Ion: 75 Resp: 11743

Ion Ratio Lower Upper

75 100

110 8.6 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.092 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083439.D

Acq: 22 Aug 2024 16:33

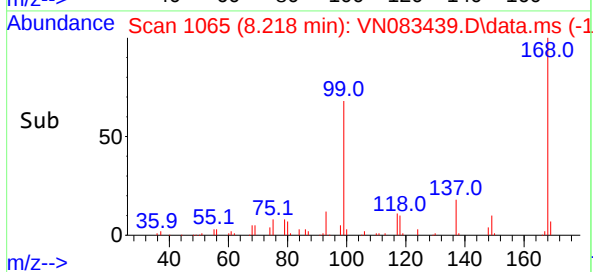
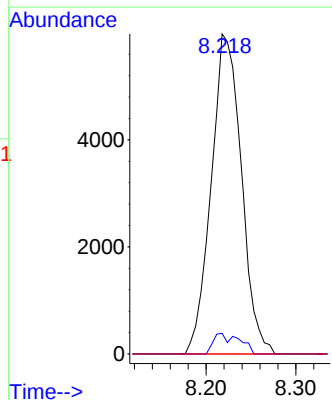
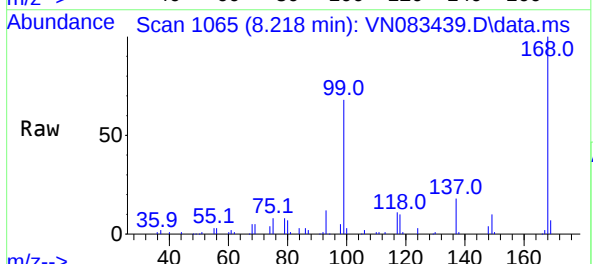
Tgt Ion: 117 Resp: 13946

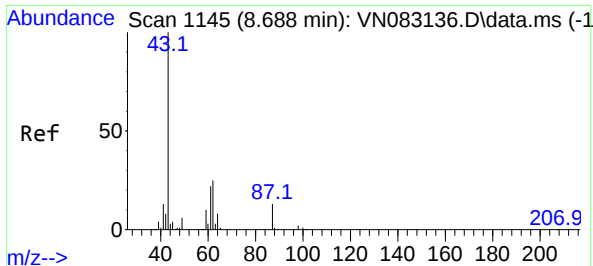
Ion Ratio Lower Upper

117 100

119 6.4 74.9 112.3#

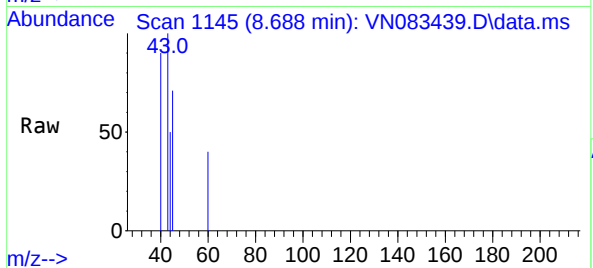
121 0.0 24.3 36.5#



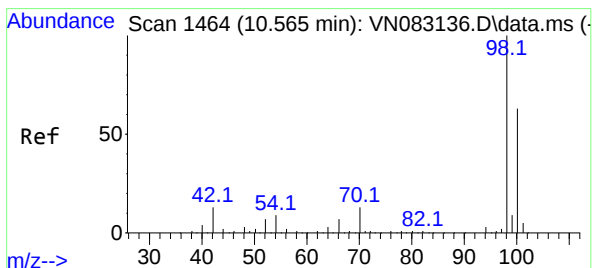
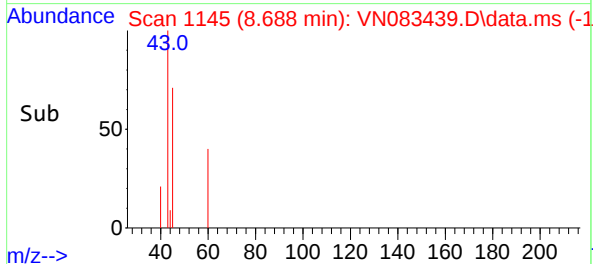
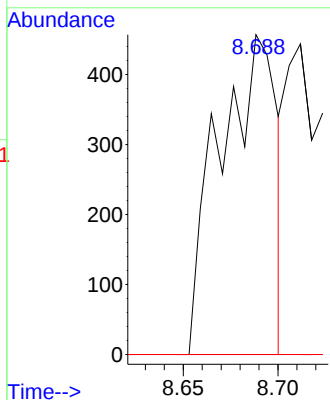


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

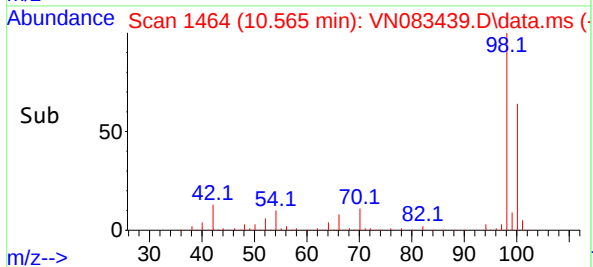
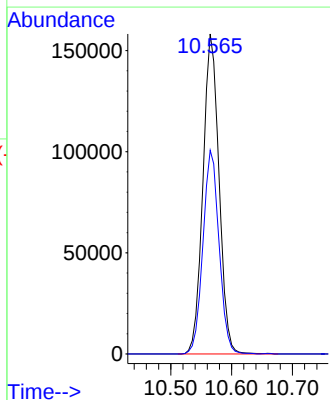
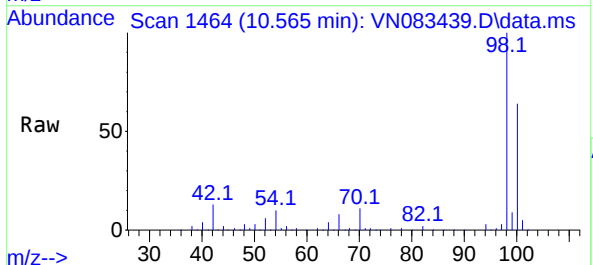


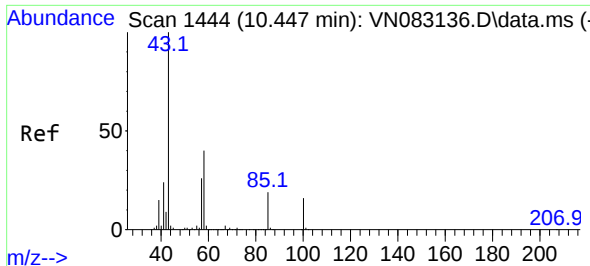
Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.385 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

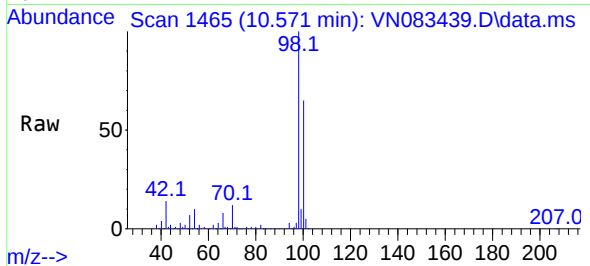
Tgt Ion: 98 Resp: 290123
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



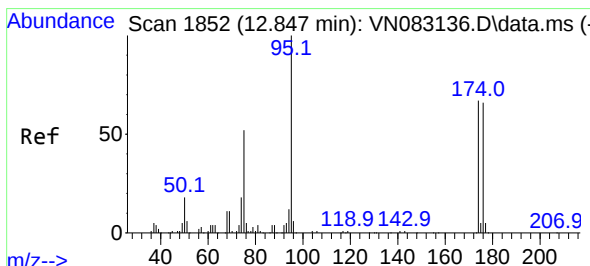
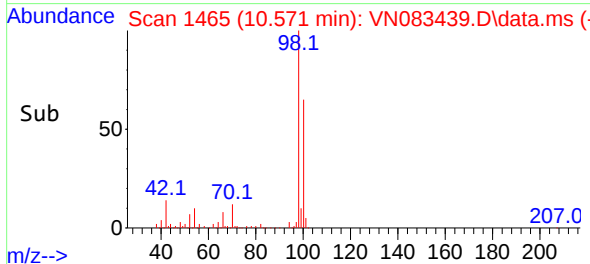
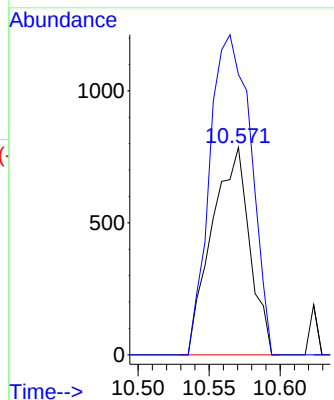


#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

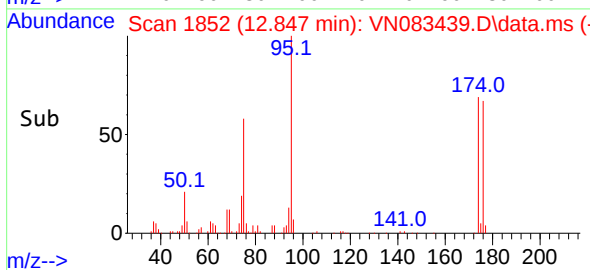
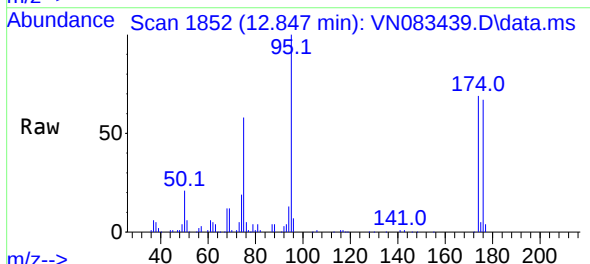
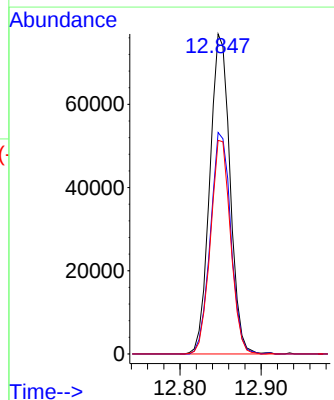


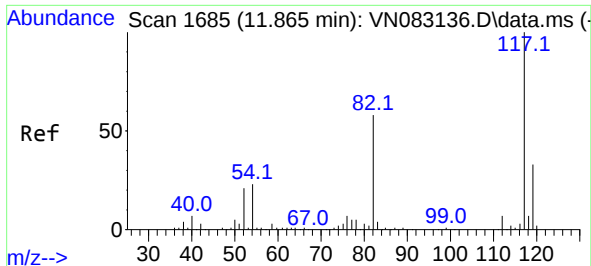
Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
58 168.8 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.762 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Tgt Ion: 95 Resp: 132687
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 66.4 0.0 147.6

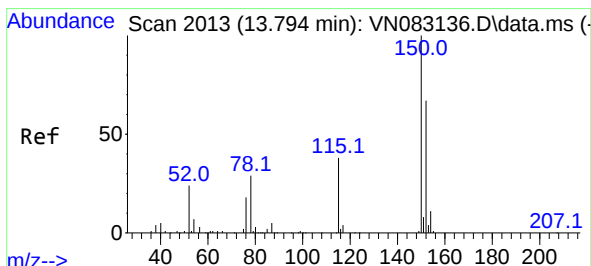
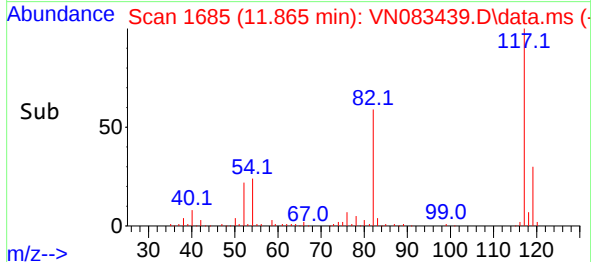
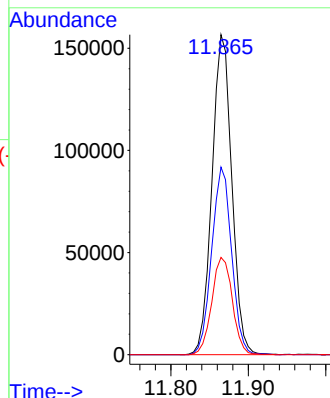
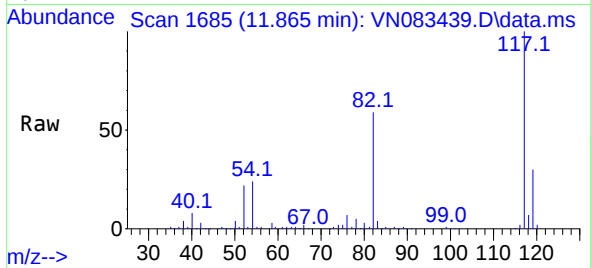




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

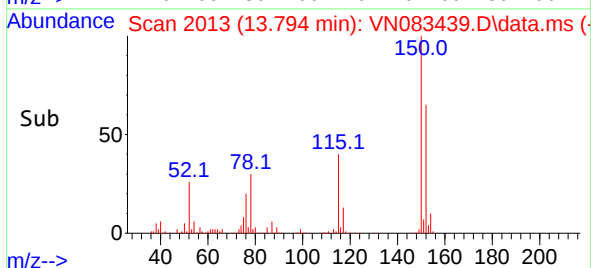
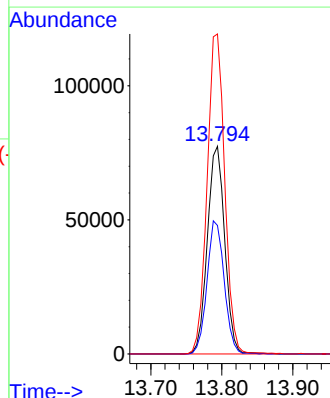
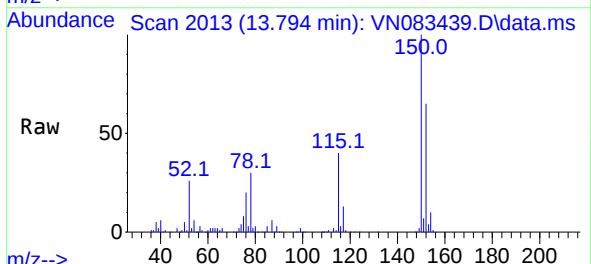
Instrument :
MSVOA_N
ClientSampleId :

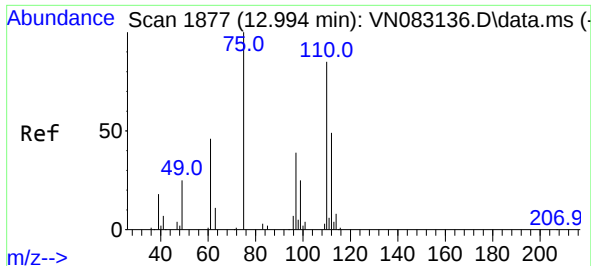
Tgt Ion:117 Resp: 277904
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 30.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Tgt Ion:152 Resp: 131821
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 156.1 0.0 348.6

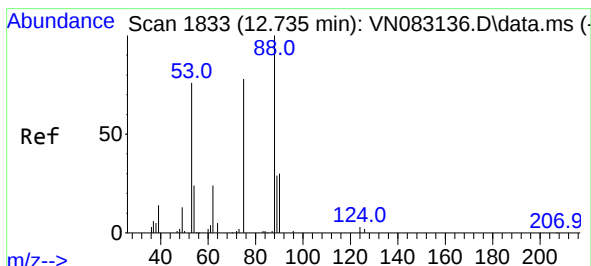
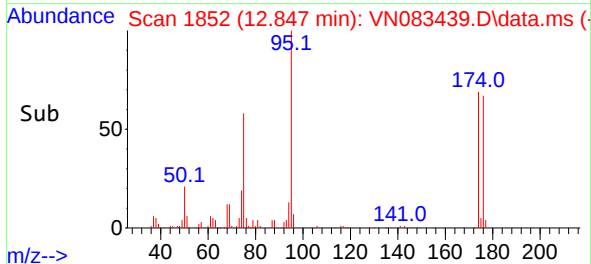
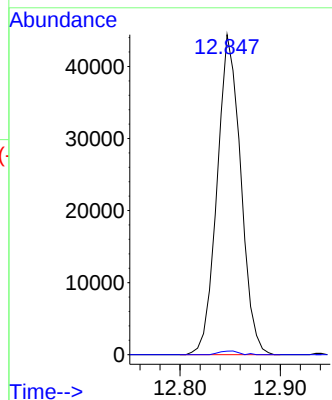
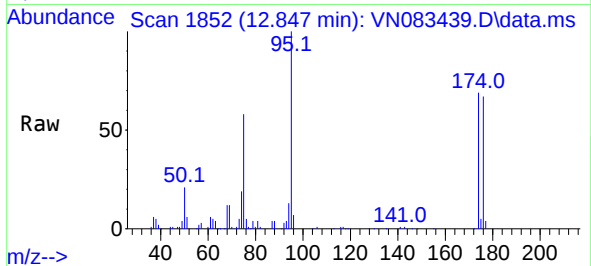




#76
1,2,3-Trichloropropane
Concen: 25.143 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 72742
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.692 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083439.D
Acq: 22 Aug 2024 16:33

Tgt Ion: 75 Resp: 72742
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

