

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083432.D
 Acq On : 22 Aug 2024 13:44
 Operator : JC\MD
 Sample : P3654-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:40:37 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)

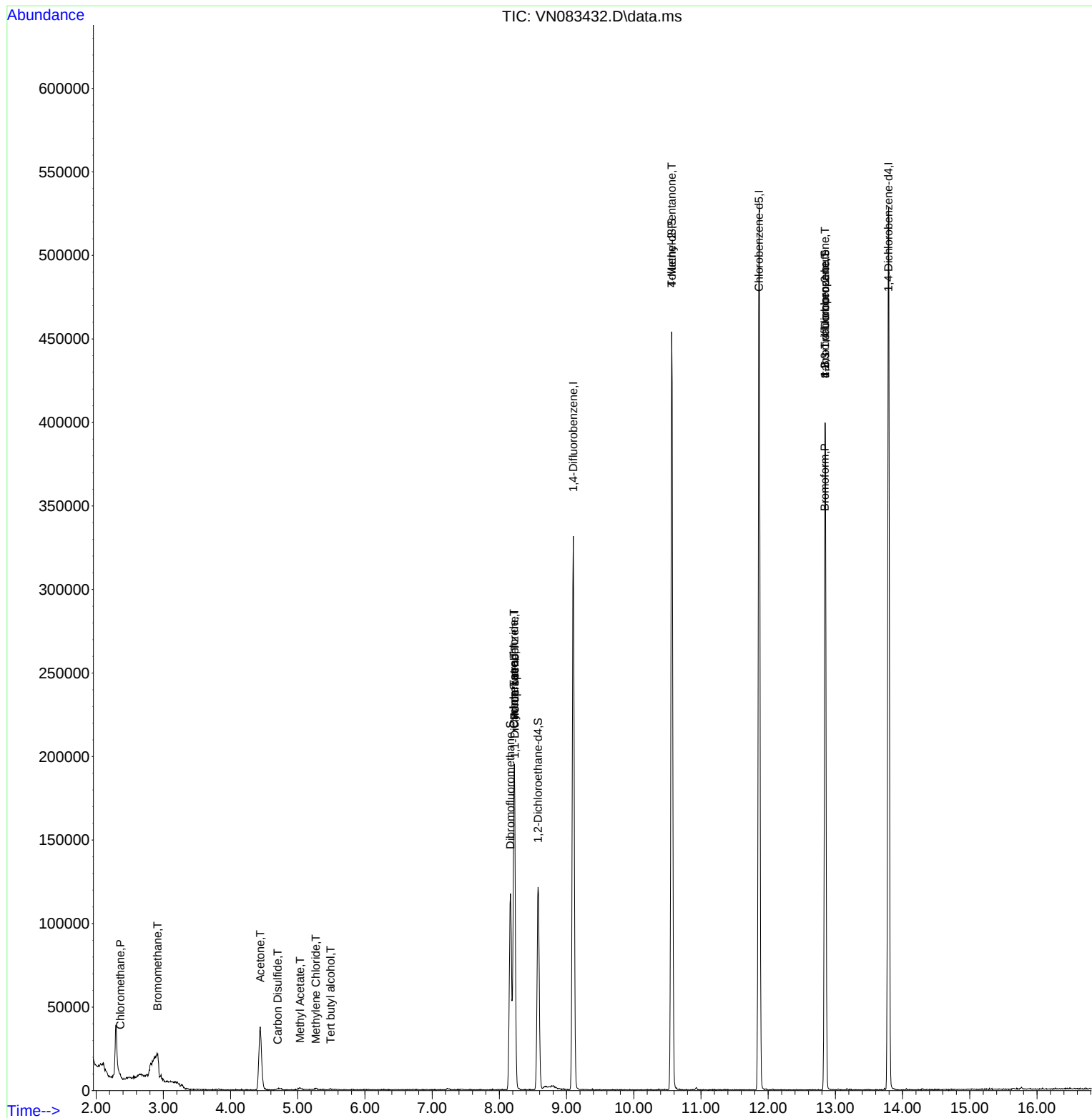
Internal Standards						
1) Pentafluorobenzene	8.224	168	134807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106554	55.531	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.060%	
35) Dibromofluoromethane	8.165	113	85509	49.993	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.980%	
50) Toluene-d8	10.565	98	302497	47.411	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	94.820%	
62) 4-Bromofluorobenzene	12.847	95	140323	56.414	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	112.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1198	0.765	ug/l #	86
5) Bromomethane	2.912	94	388	0.392	ug/l #	1
11) Tert butyl alcohol	5.489	59	167	0.419	ug/l #	71
16) Acetone	4.442	43	1956	2.605	ug/l	93
17) Carbon Disulfide	4.700	76	1012	0.231	ug/l #	75
18) Methyl Acetate	5.036	43	2424	1.084	ug/l #	77
20) Methylene Chloride	5.271	84	541	0.313	ug/l #	52
31) Cyclohexane	8.218	56	3571	1.256	ug/l #	48
36) 1,1-Dichloropropene	8.230	75	11995	4.636	ug/l #	51
38) Carbon Tetrachloride	8.218	117	15687	5.383	ug/l #	17
43) Isopropyl Acetate	8.688	43	2624	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1573	0.574	ug/l #	1
71) Bromoform	12.841	173	629	0.368	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	78786	25.847	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78786	56.224	ug/l #	6

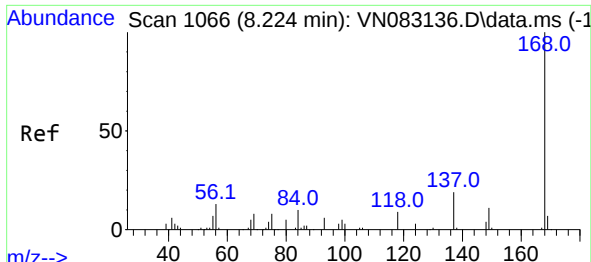
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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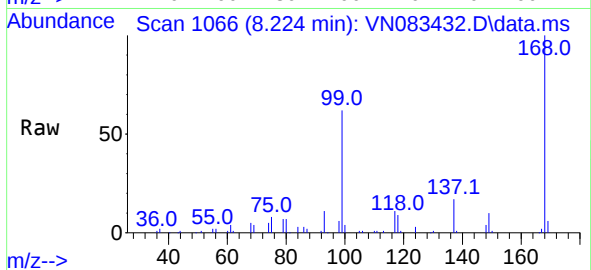
Quant Time: Aug 23 01:40:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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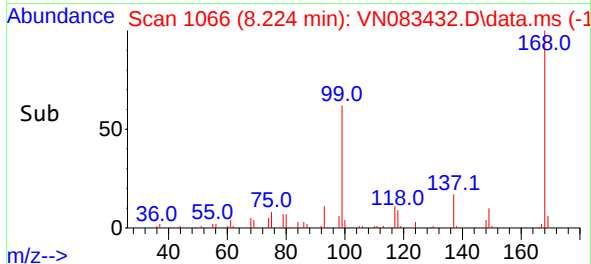
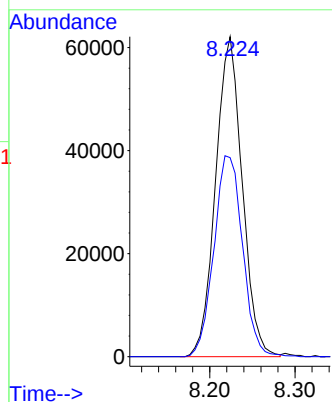


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

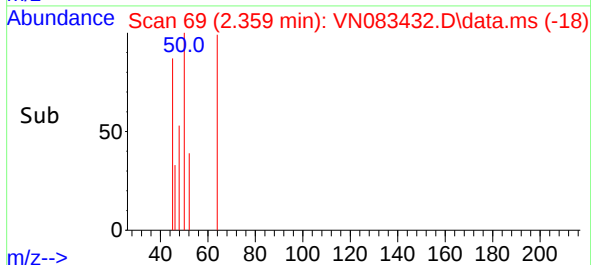
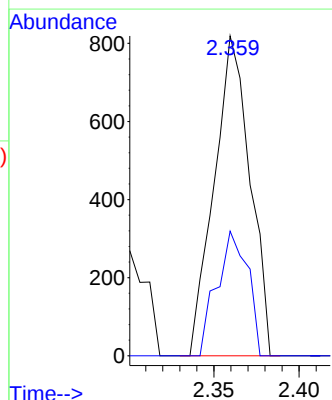
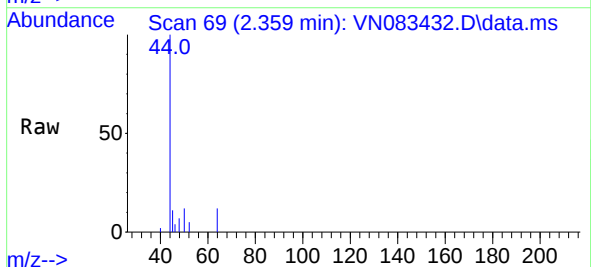


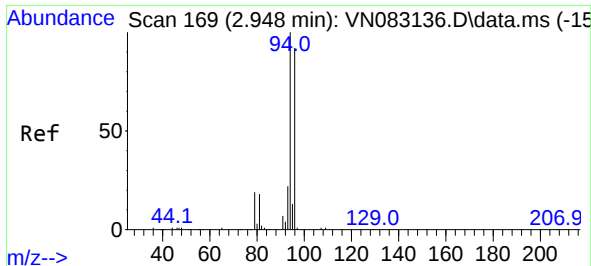
Tgt Ion:168 Resp: 134807
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#3
Chloromethane
Concen: 0.765 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

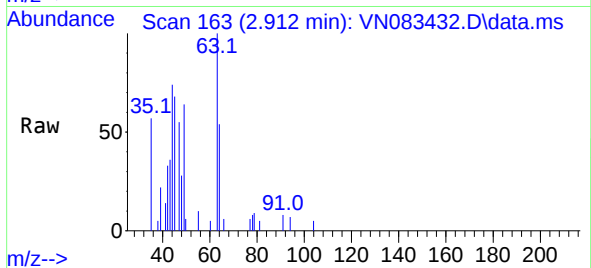
Tgt Ion: 50 Resp: 1198
Ion Ratio Lower Upper
50 100
52 38.9 25.0 37.4#



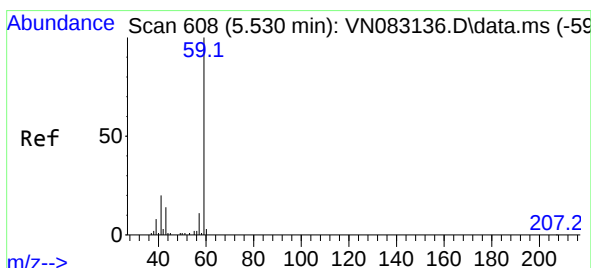
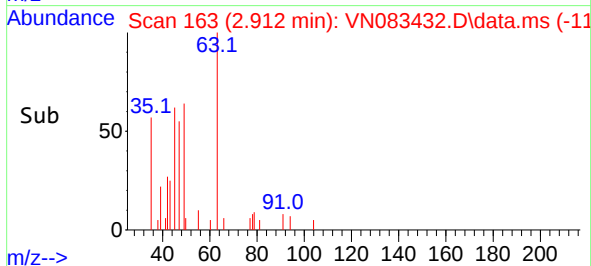
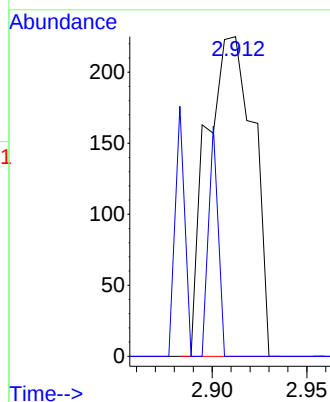


#5
Bromomethane
Concen: 0.392 ug/l
RT: 2.912 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

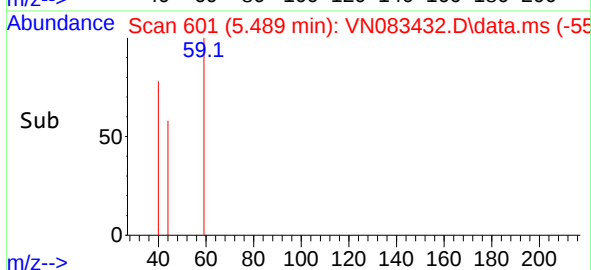
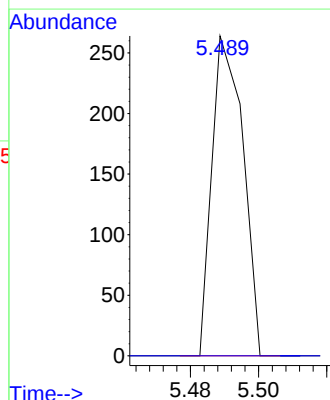
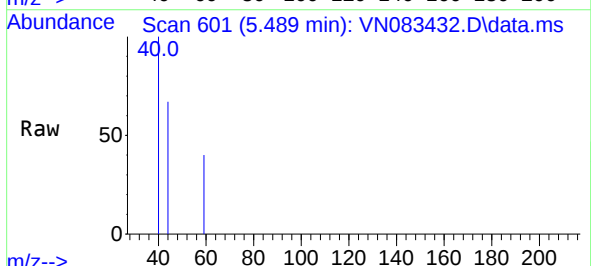


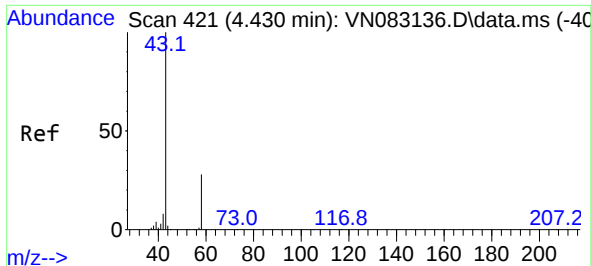
Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#11
Tert butyl alcohol
Concen: 0.419 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.041 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

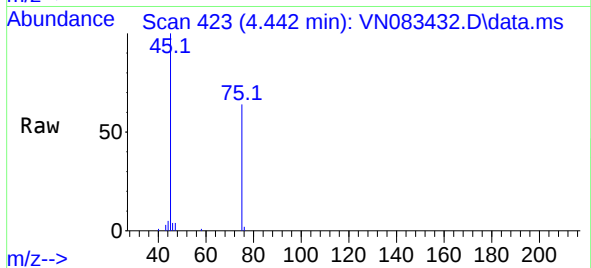
Tgt Ion: 59 Resp: 167
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



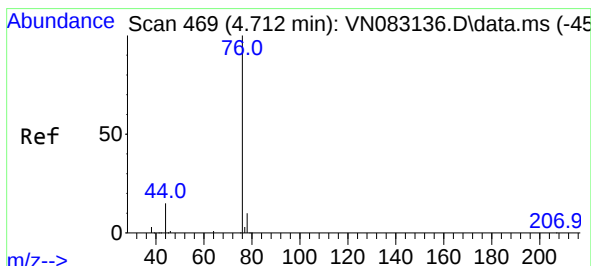
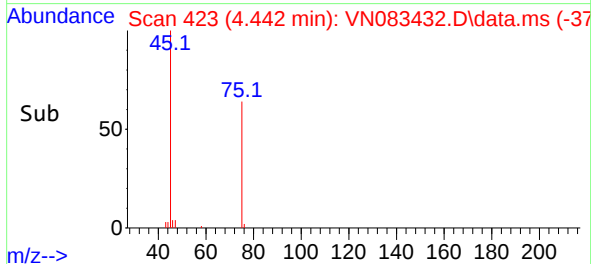
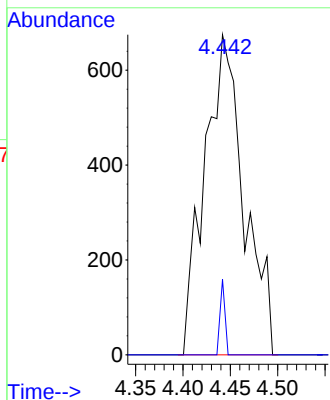


#16
Acetone
Concen: 2.605 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

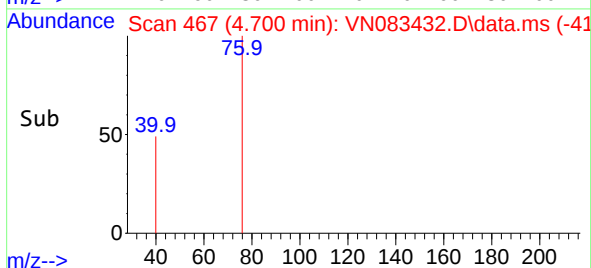
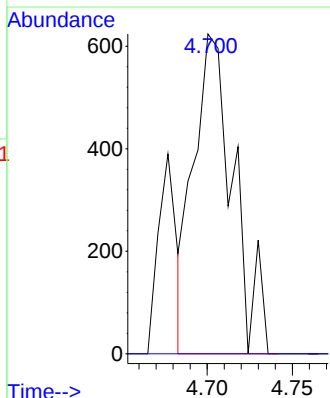
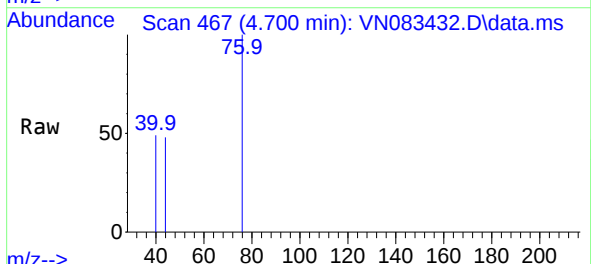


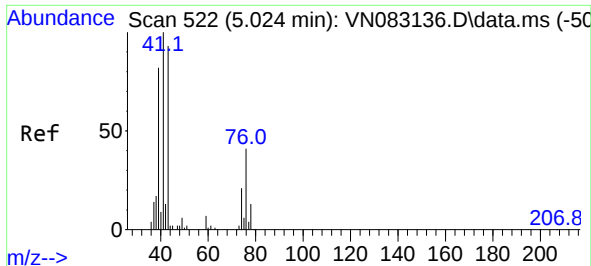
Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
58 23.6 21.8 32.6



#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

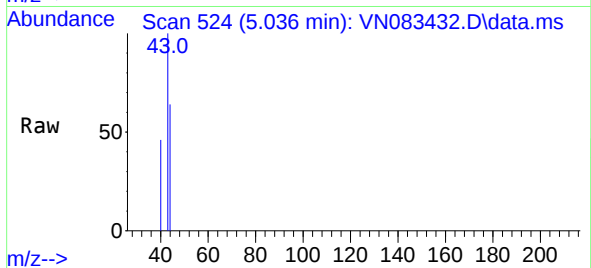
Tgt Ion: 76 Resp: 1012
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



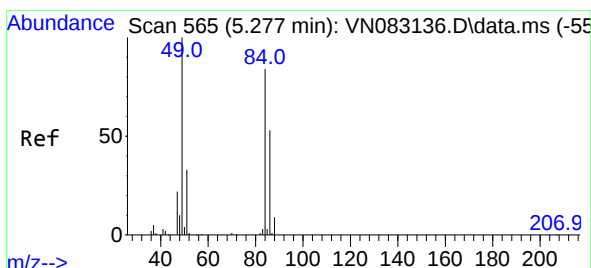
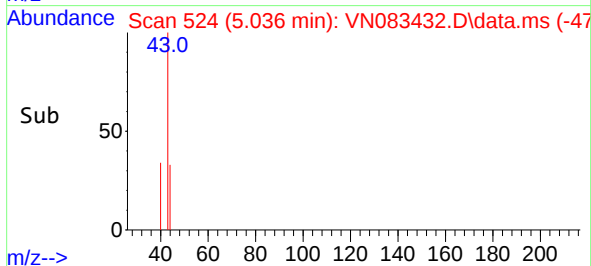
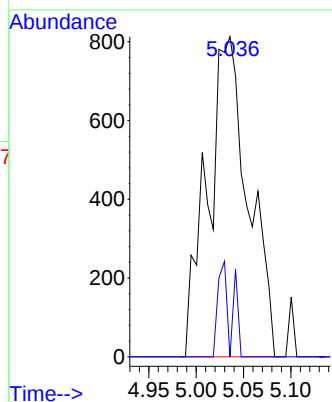


#18
Methyl Acetate
Concen: 1.084 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

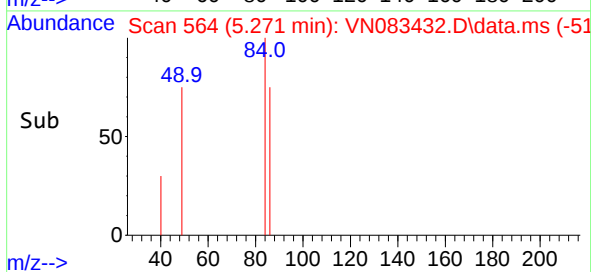
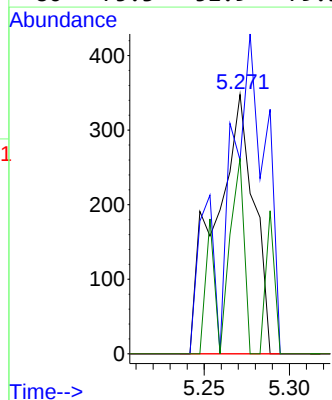
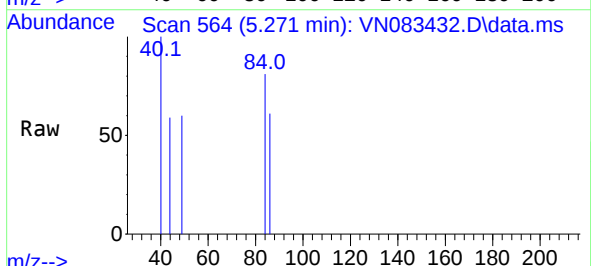


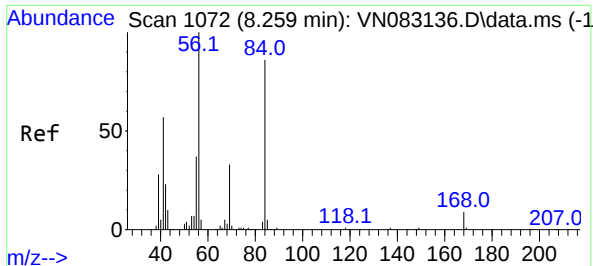
Tgt Ion: 43 Resp: 2424
Ion Ratio Lower Upper
43 100
74 9.7 16.3 24.5#



#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

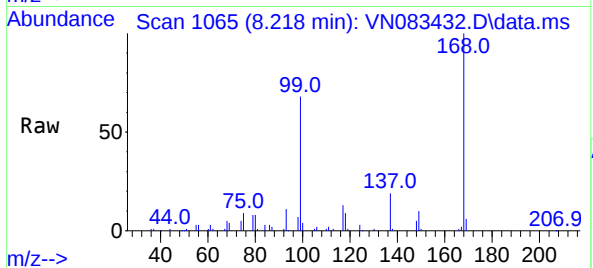
Tgt Ion: 84 Resp: 541
Ion Ratio Lower Upper
84 100
49 74.7 119.6 179.4#
51 0.0 34.8 52.2#
86 75.3 52.9 79.3



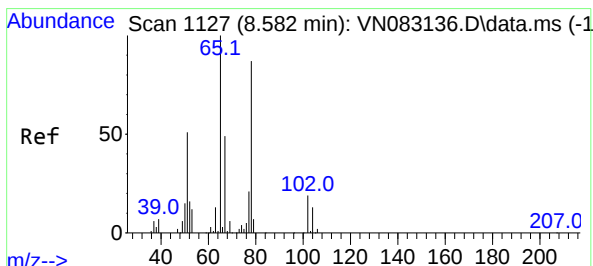
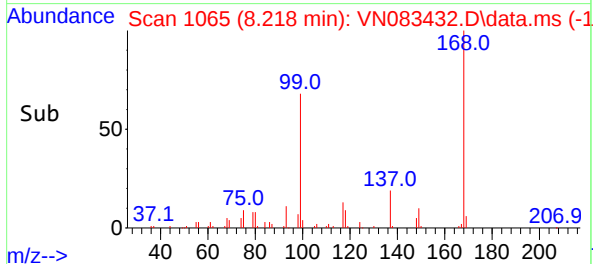
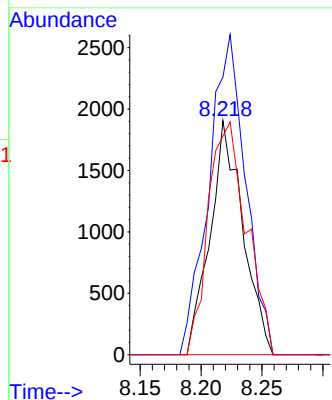


#31
Cyclohexane
Concen: 1.256 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

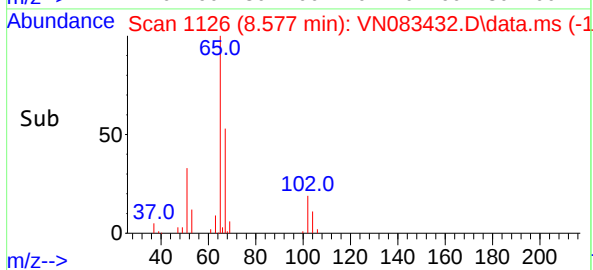
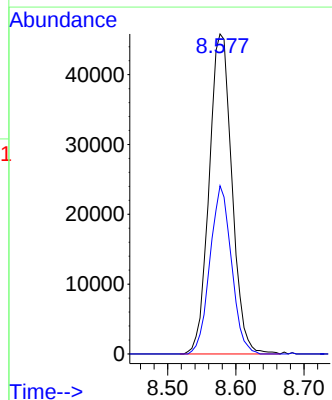
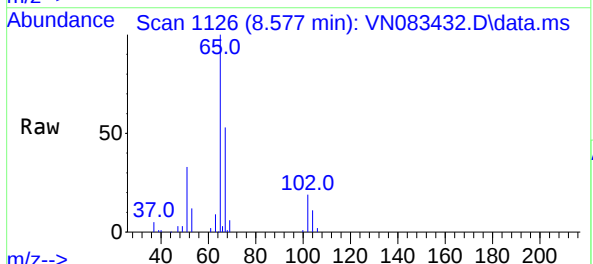


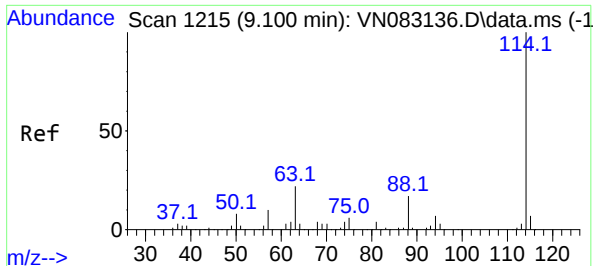
Tgt Ion: 56 Resp: 3571
Ion Ratio Lower Upper
56 100
69 118.6 24.5 36.7#
84 93.4 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 55.531 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Tgt Ion: 65 Resp: 106554
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4

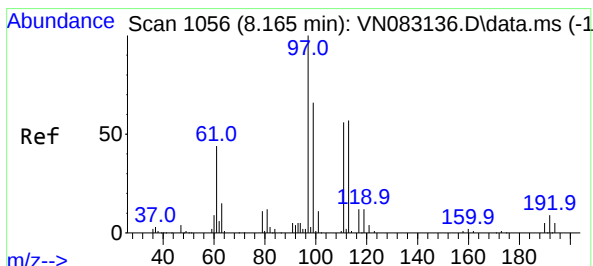
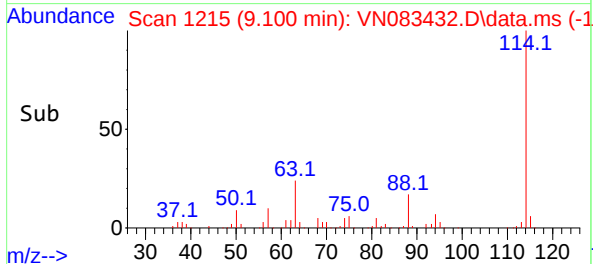
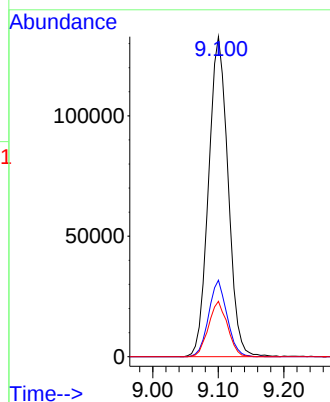
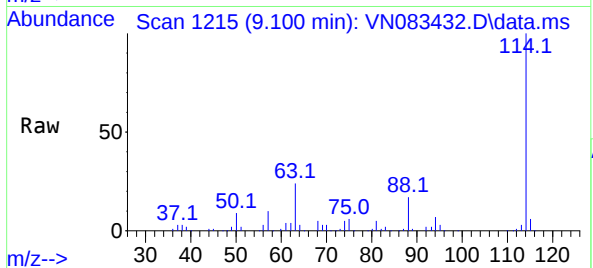




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

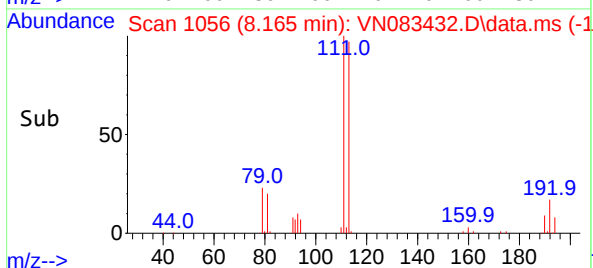
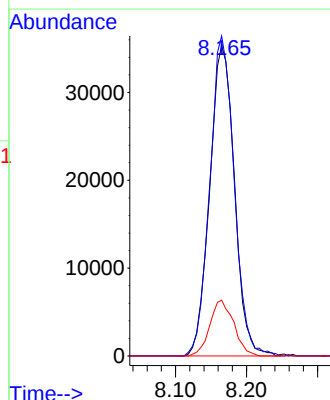
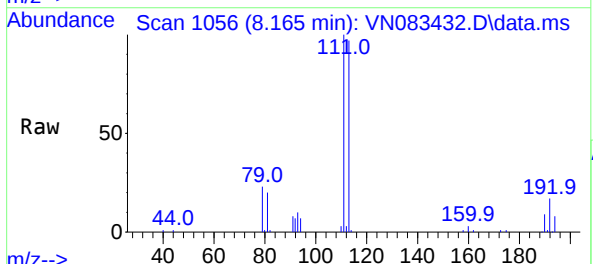
Instrument :
MSVOA_N
ClientSampleId :

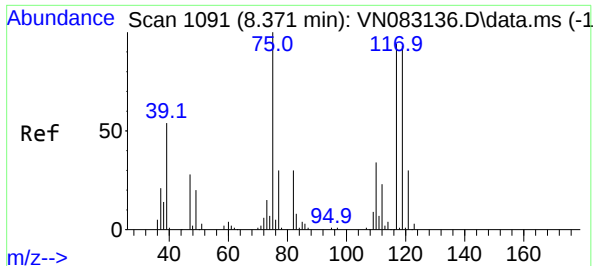
Tgt Ion:114 Resp: 274026
Ion Ratio Lower Upper
114 100
63 23.9 0.0 44.6
88 17.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.993 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Tgt Ion:113 Resp: 85509
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 17.4 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.636 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083432.D

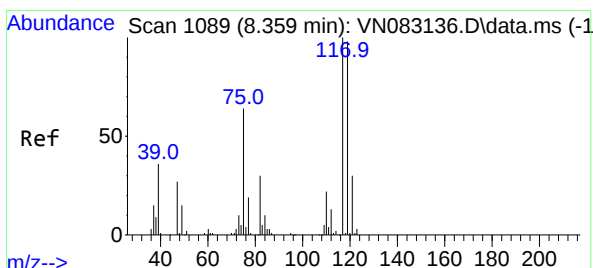
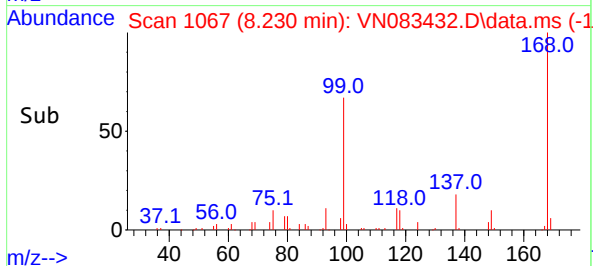
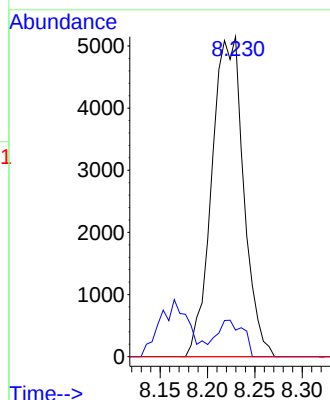
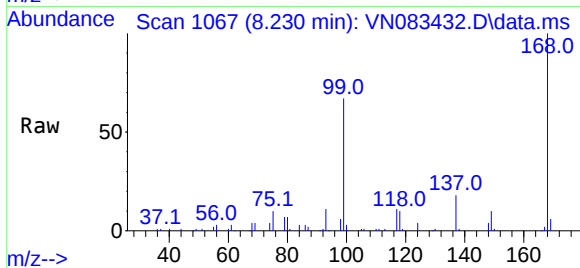
Acq: 22 Aug 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	11995
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.383 ug/l

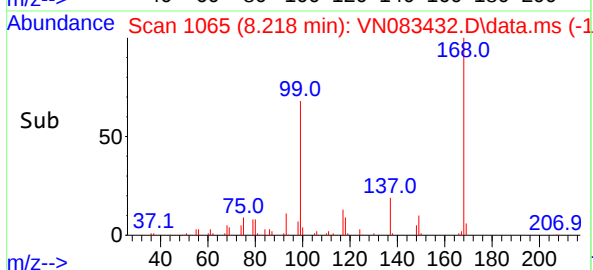
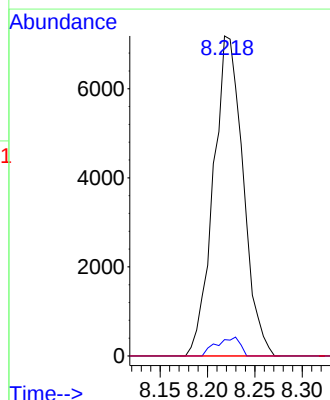
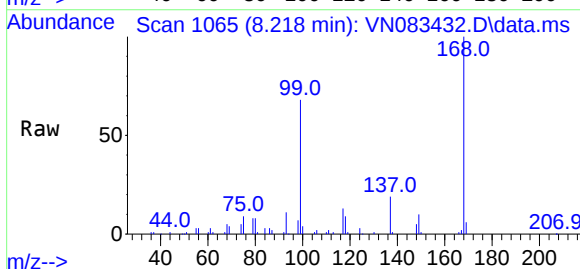
RT: 8.218 min Scan# 1065

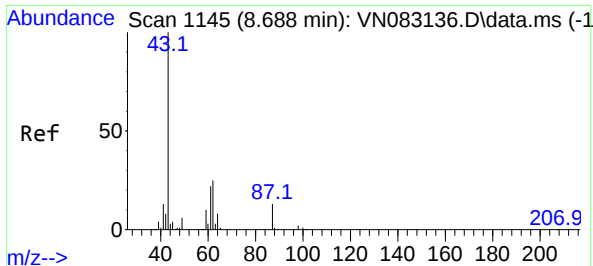
Delta R.T. -0.141 min

Lab File: VN083432.D

Acq: 22 Aug 2024 13:44

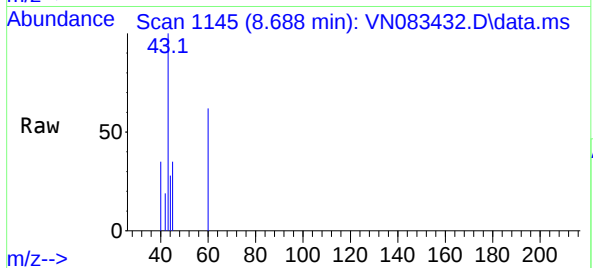
Tgt Ion:	117	Resp:	15687
Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.9	112.3#
121	0.0	24.3	36.5#



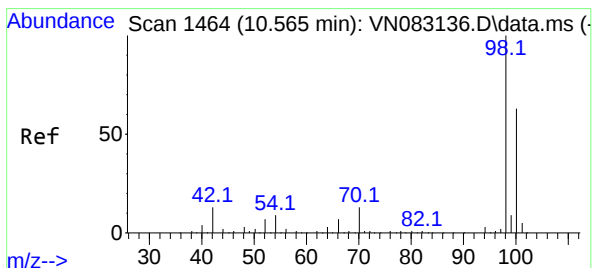
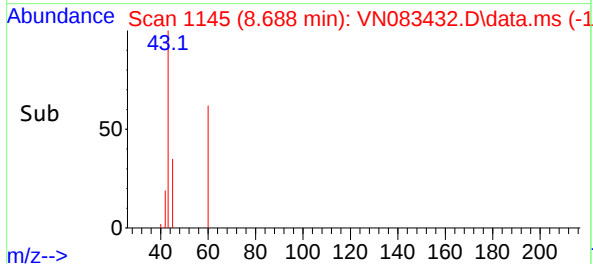
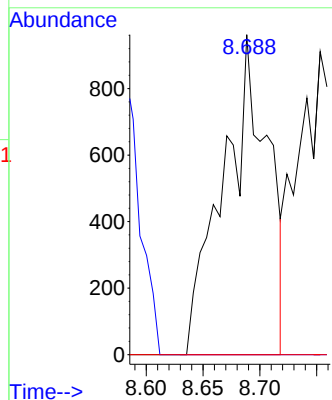


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

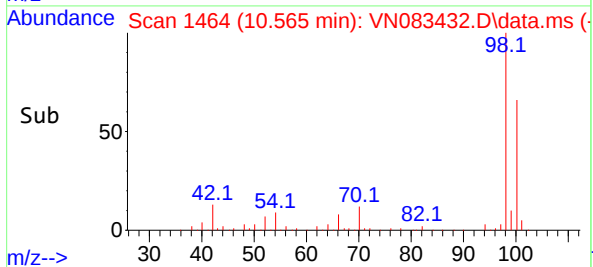
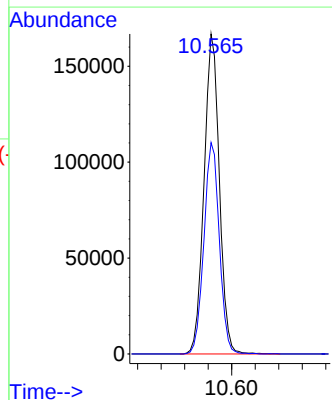
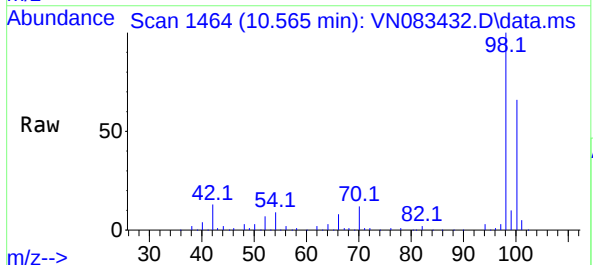


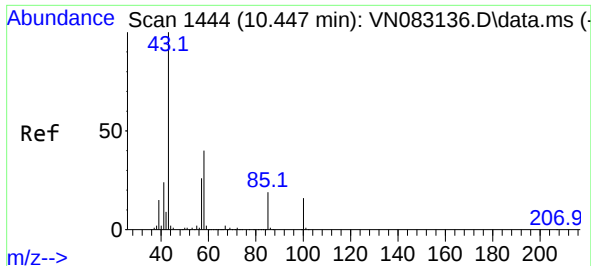
Tgt Ion: 43 Resp: 2624
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 47.411 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Tgt Ion: 98 Resp: 302497
Ion Ratio Lower Upper
98 100
100 66.4 51.5 77.3

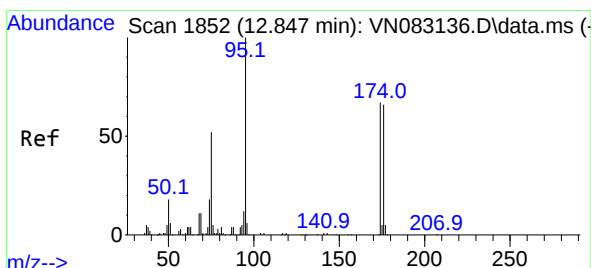
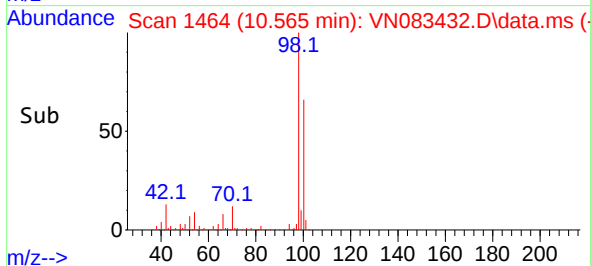
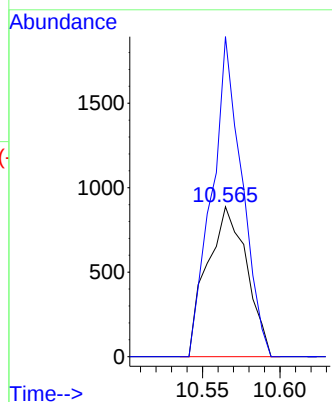
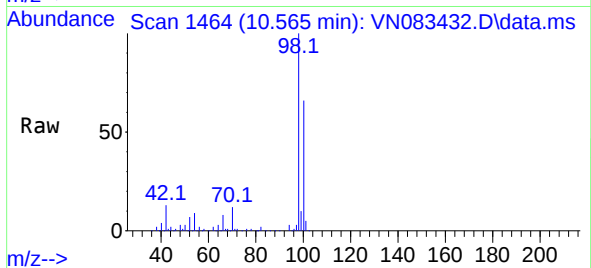




#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

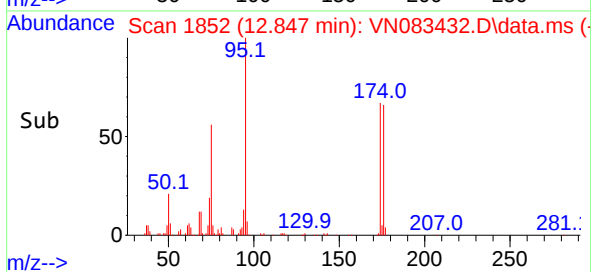
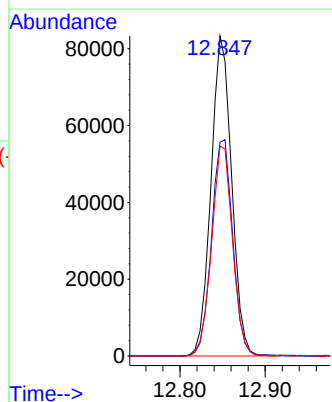
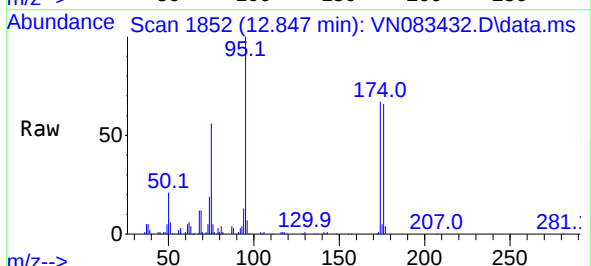
Instrument :
MSVOA_N
ClientSampleId :

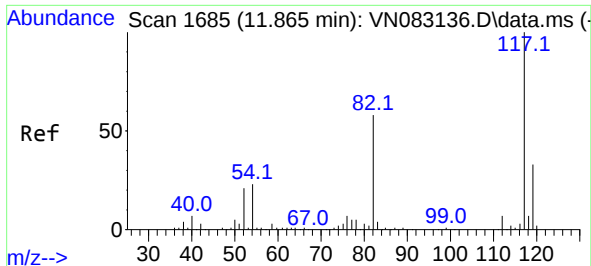
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 162.7 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.414 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

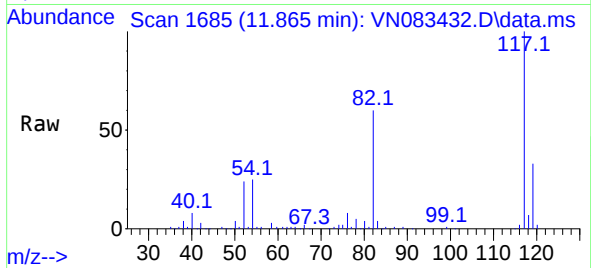
Tgt Ion: 95 Resp: 140323
Ion Ratio Lower Upper
95 100
174 69.5 0.0 159.2
176 66.2 0.0 147.6



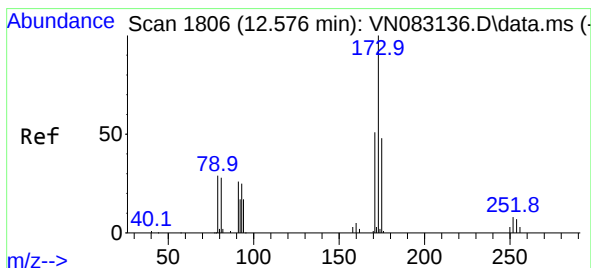
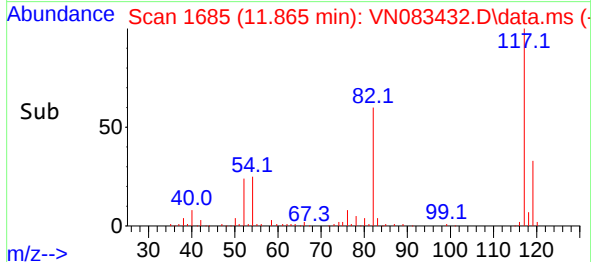
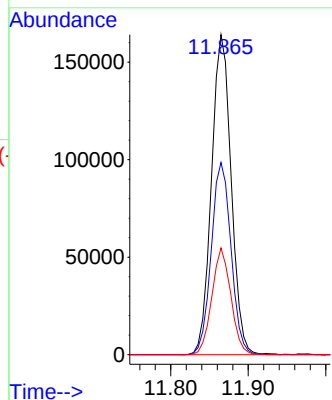


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

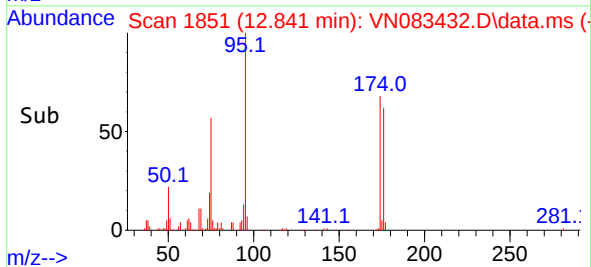
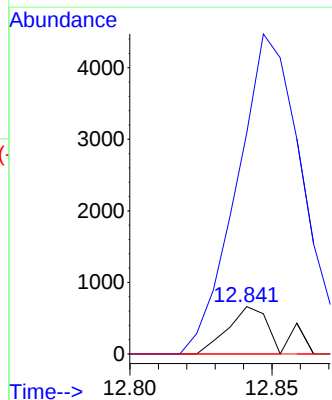
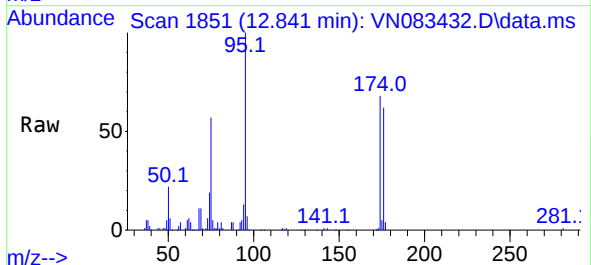


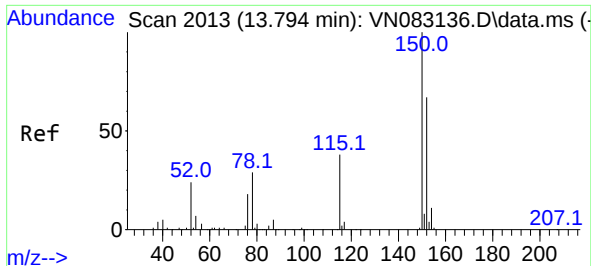
Tgt Ion:117 Resp: 289474
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 33.3 25.6 38.4



#71
Bromoform
Concen: 0.368 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

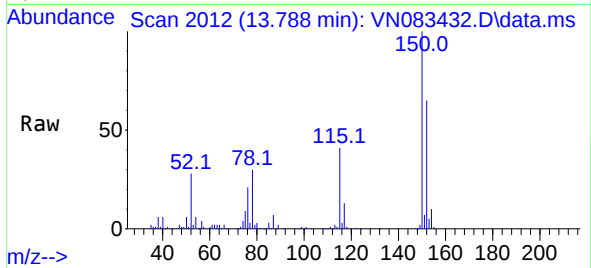
Tgt Ion:173 Resp: 629
Ion Ratio Lower Upper
173 100
175 831.0 24.0 72.0#
254 0.0 0.0 0.0



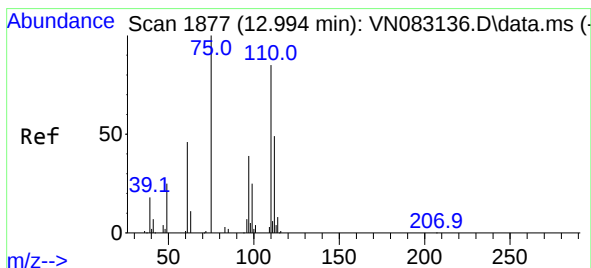
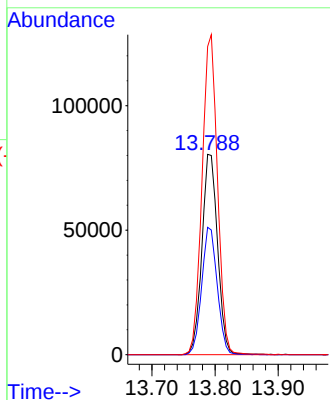
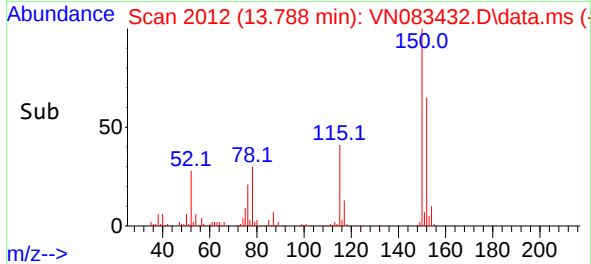


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :

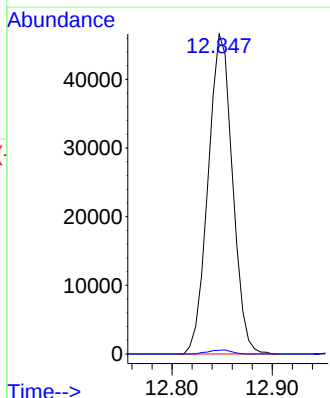
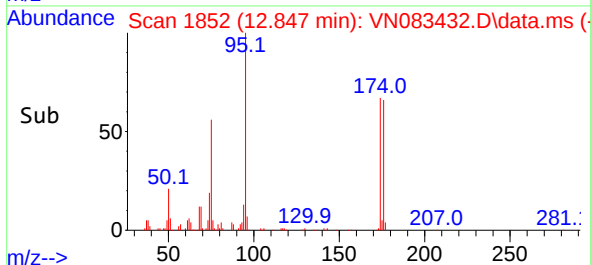
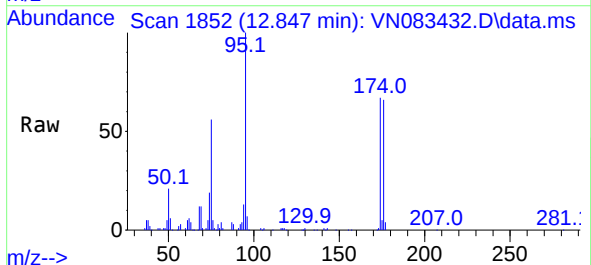


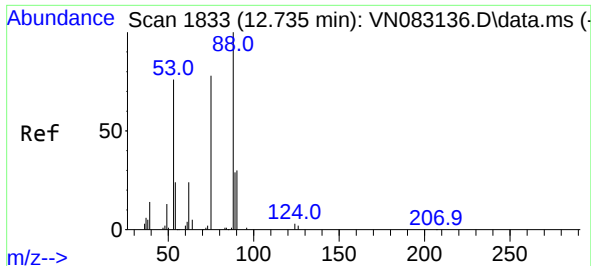
Tgt Ion:152 Resp: 138883
Ion Ratio Lower Upper
152 100
115 62.9 30.6 91.6
150 157.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 25.847 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

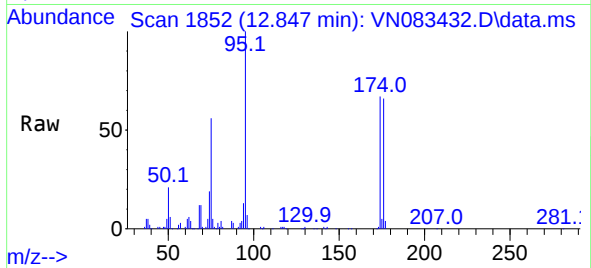
Tgt Ion: 75 Resp: 78786
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.224 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083432.D
Acq: 22 Aug 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 78786
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.1 36.3 54.5#

