

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083609.D
 Acq On : 31 Aug 2024 10:57
 Operator : JC\MD
 Sample : P3777-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 01:04:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114992	57.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.640%
35) Dibromofluoromethane	8.165	113	91186	50.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.480%
50) Toluene-d8	10.565	98	331740	47.410	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.847	95	155591	60.016	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	120.040%

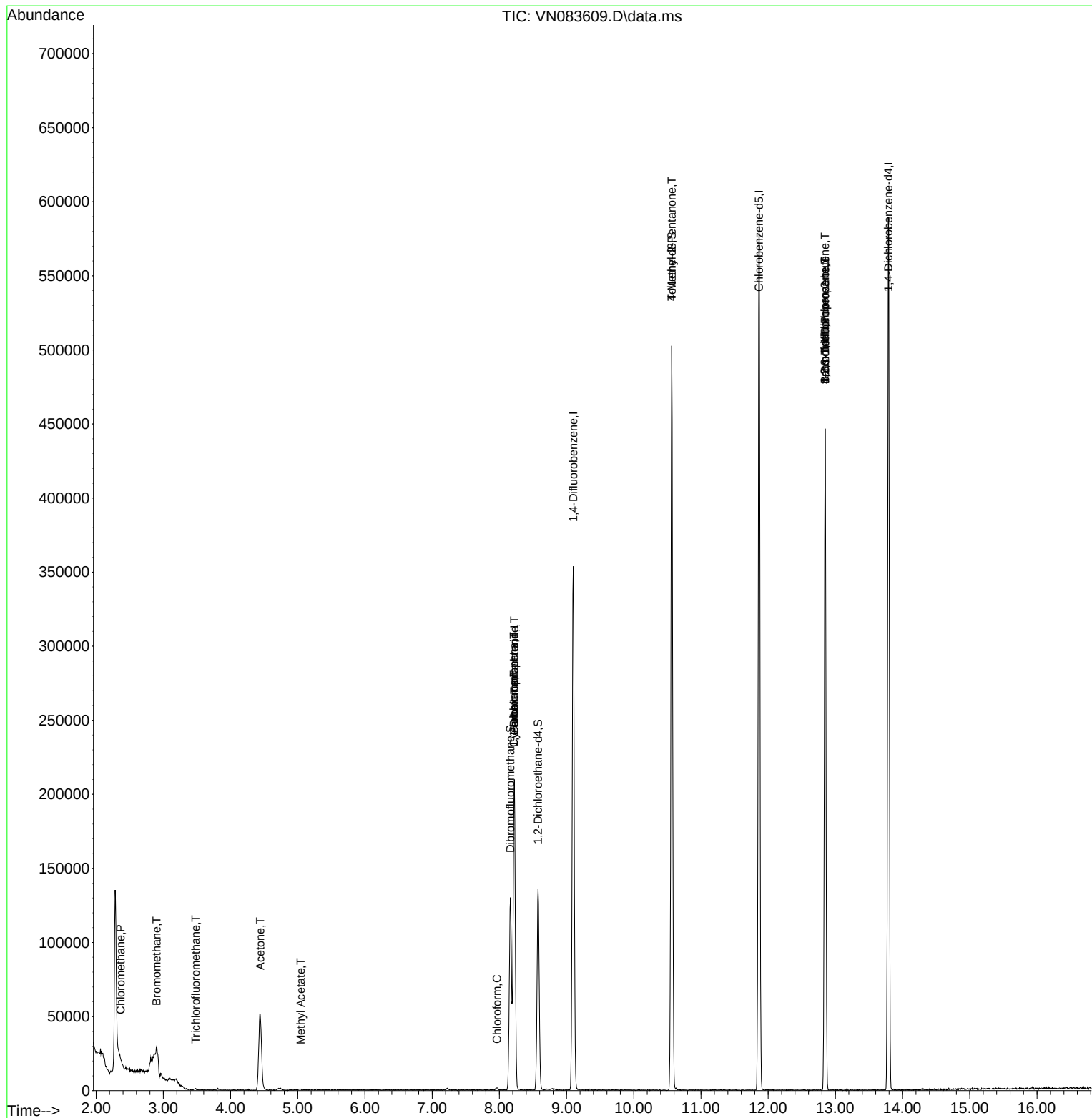
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	1544	0.880	ug/l #	87
5) Bromomethane	2.900	94	273	0.296	ug/l #	50
7) Trichlorofluoromethane	3.483	101	759	0.262	ug/l #	72
16) Acetone	4.442	43	2758	3.477	ug/l	96
18) Methyl Acetate	5.047	43	950	0.450	ug/l #	64
30) Chloroform	7.965	83	1782	0.541	ug/l	92
31) Cyclohexane	8.218	56	3456	1.123	ug/l #	43
36) 1,1-Dichloropropene	8.218	75	12811	4.674	ug/l #	52
38) Carbon Tetrachloride	8.224	117	16134	5.159	ug/l #	16
43) Isopropyl Acetate	8.700	43	300	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1683	0.664	ug/l #	1
71) Bromoform	12.847	173	886	0.509	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	87903	28.316	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	87903	66.787	ug/l #	9

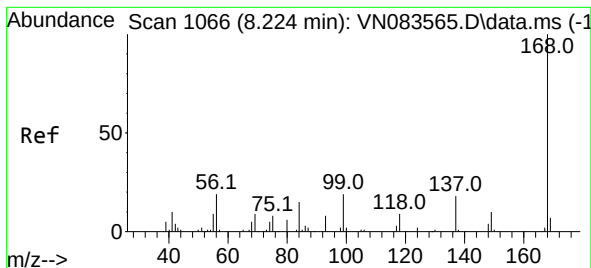
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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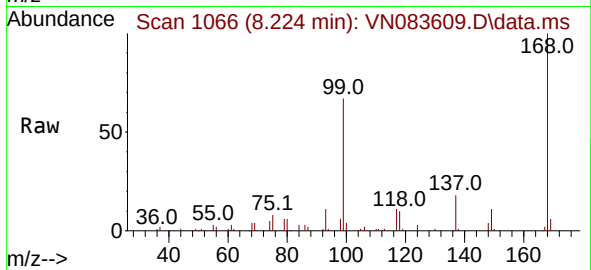
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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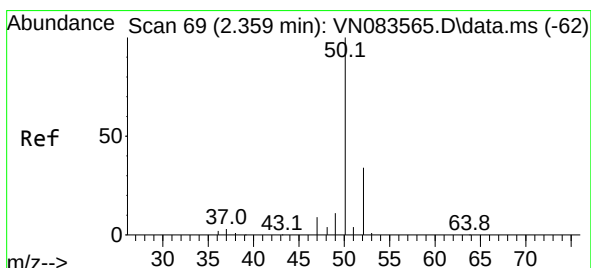
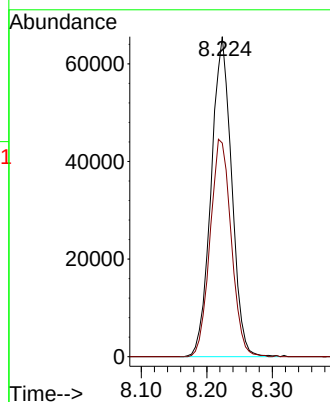
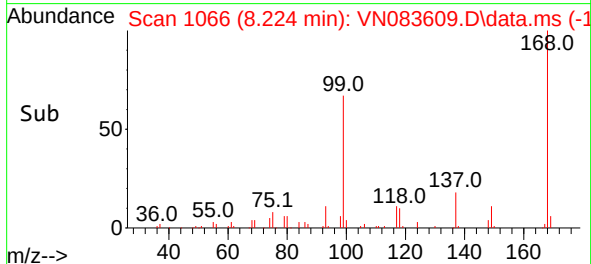


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :

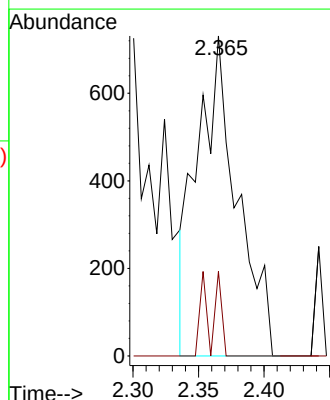
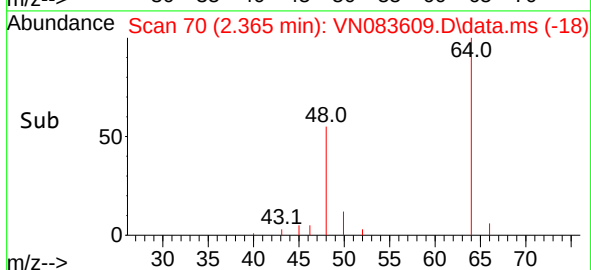
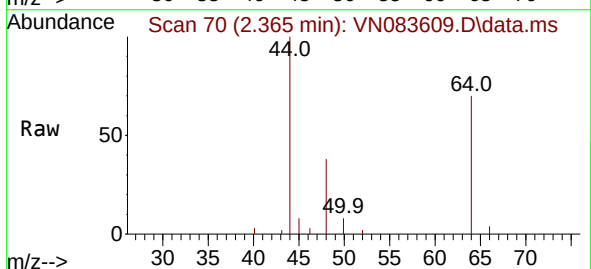


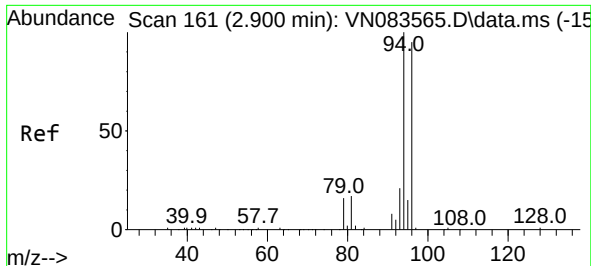
Tgt Ion:168 Resp: 142313
Ion Ratio Lower Upper
168 100
99 66.8 54.2 81.2



#3
Chloromethane
Concen: 0.880 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Tgt Ion: 50 Resp: 1544
Ion Ratio Lower Upper
50 100
52 26.4 27.2 40.8#

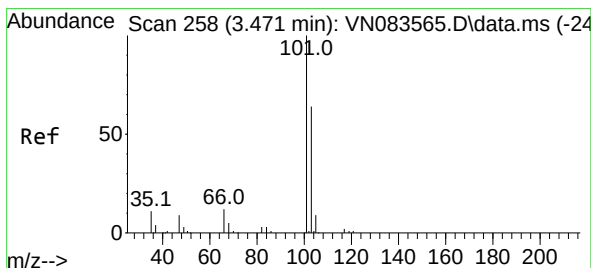
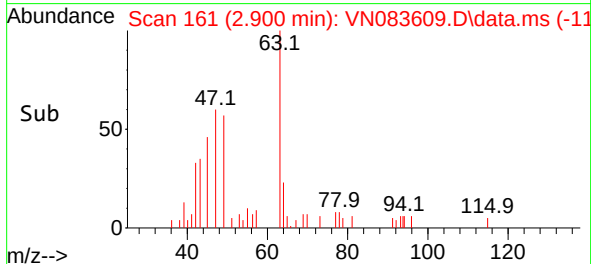
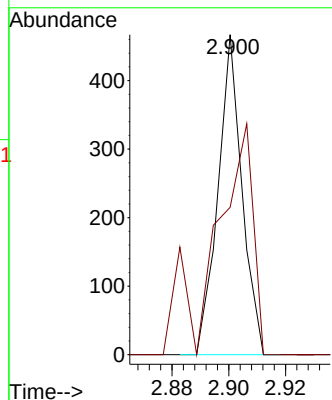
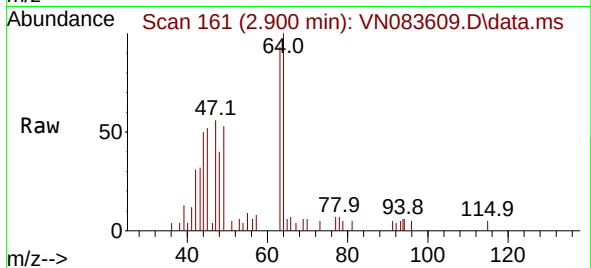




#5
Bromomethane
Concen: 0.296 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

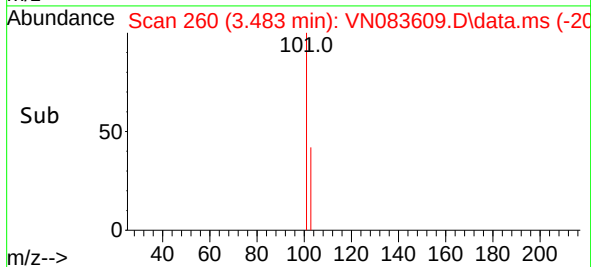
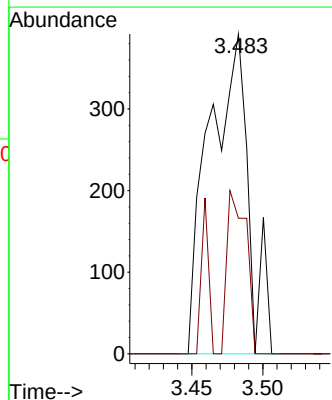
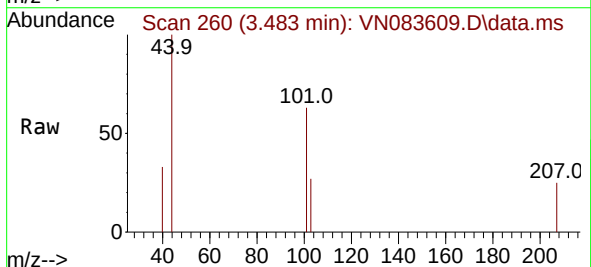
Instrument :
MSVOA_N
ClientSampleId :

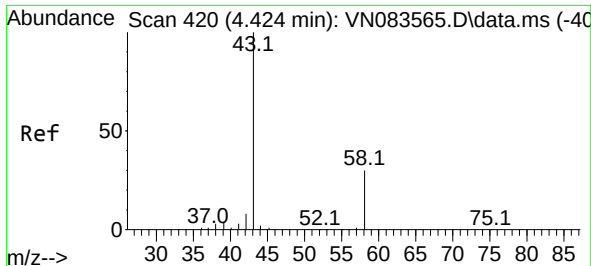
Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 46.0 76.0 114.0#



#7
Trichlorofluoromethane
Concen: 0.262 ug/l
RT: 3.483 min Scan# 260
Delta R.T. 0.012 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

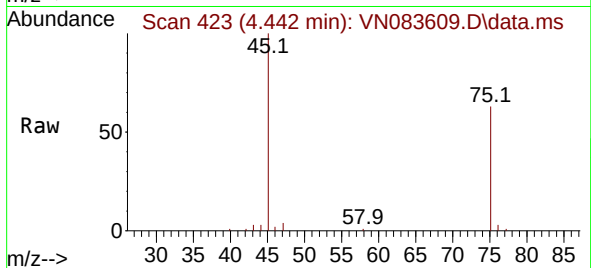
Tgt Ion:101 Resp: 759
Ion Ratio Lower Upper
101 100
103 42.3 51.4 77.0#



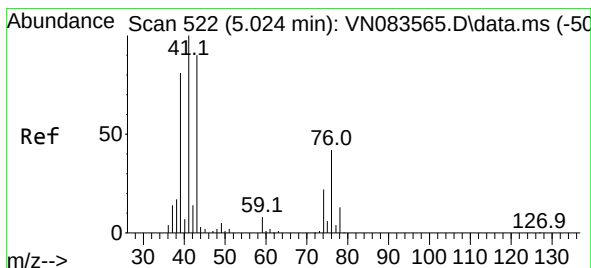
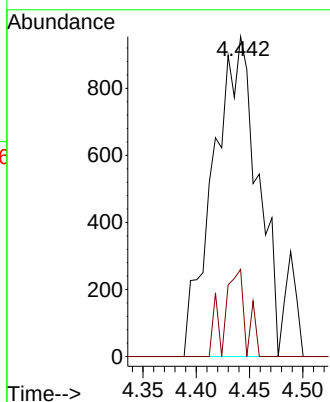
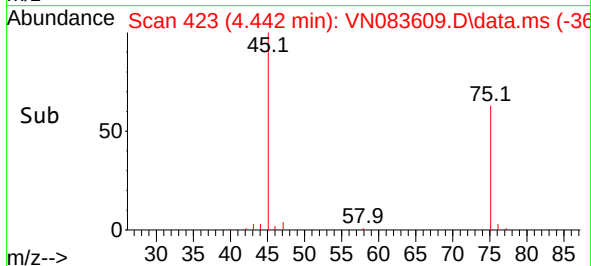


#16
Acetone
Concen: 3.477 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :

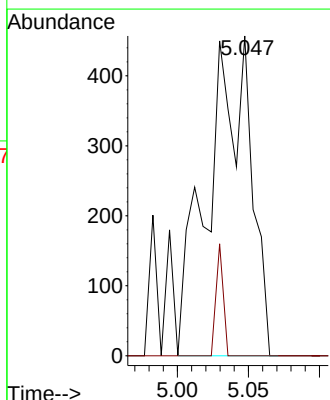
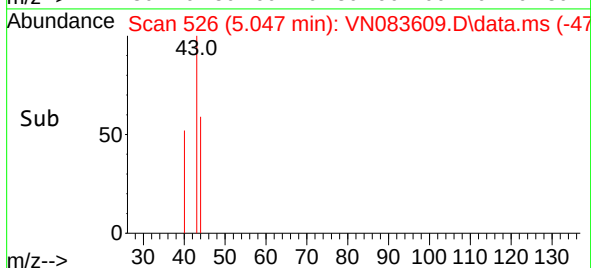
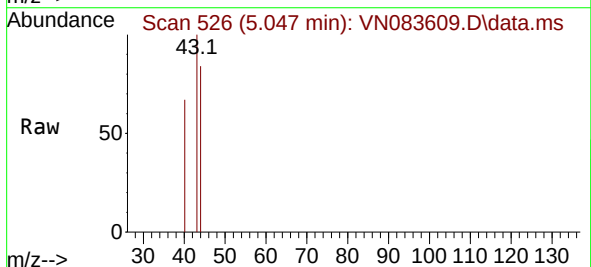


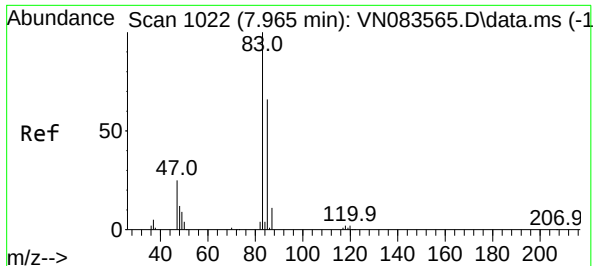
Tgt Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
58 27.3 23.7 35.5



#18
Methyl Acetate
Concen: 0.450 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.023 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
74 5.9 19.0 28.4#





#30

Chloroform

Concen: 0.541 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN083609.D

Acq: 31 Aug 2024 10:57

Instrument :

MSVOA_N

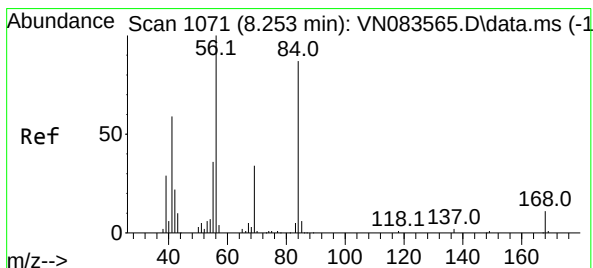
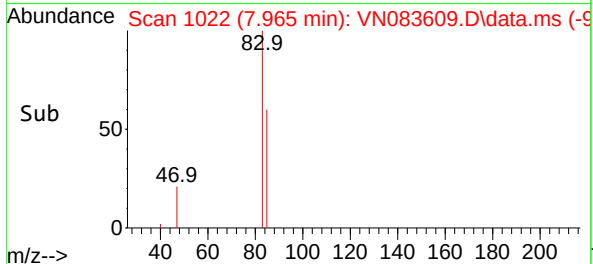
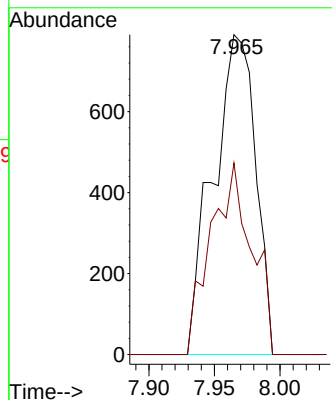
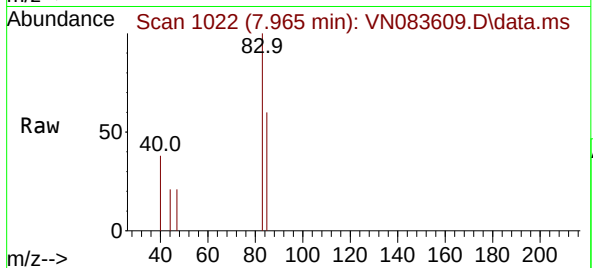
ClientSampleId :

Tgt Ion: 83 Resp: 1782

Ion Ratio Lower Upper

83 100

85 59.9 52.8 79.2



#31

Cyclohexane

Concen: 1.123 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN083609.D

Acq: 31 Aug 2024 10:57

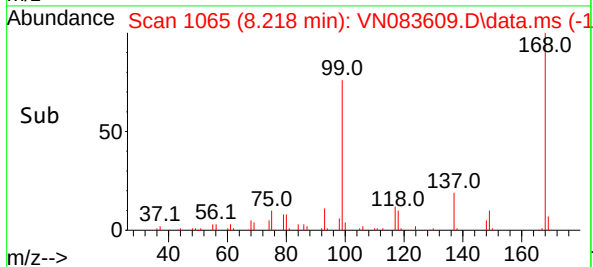
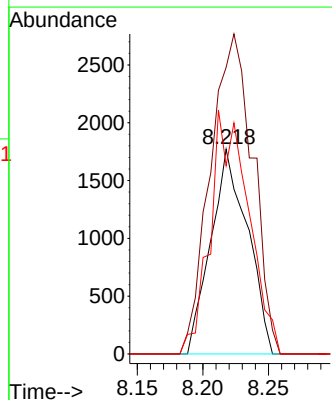
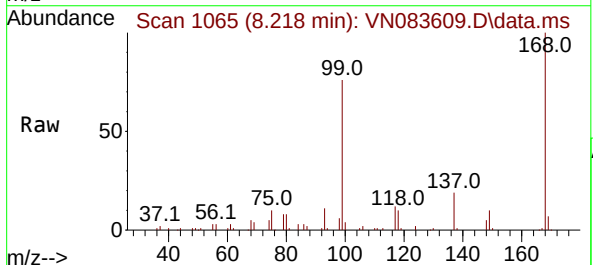
Tgt Ion: 56 Resp: 3456

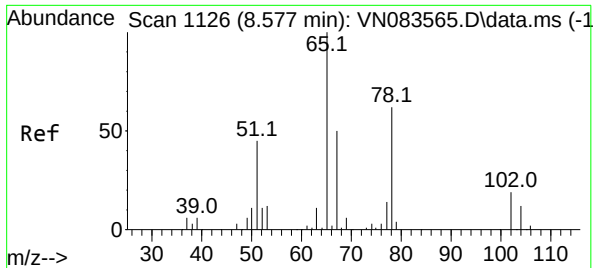
Ion Ratio Lower Upper

56 100

69 140.0 26.9 40.3#

84 92.0 69.2 103.8

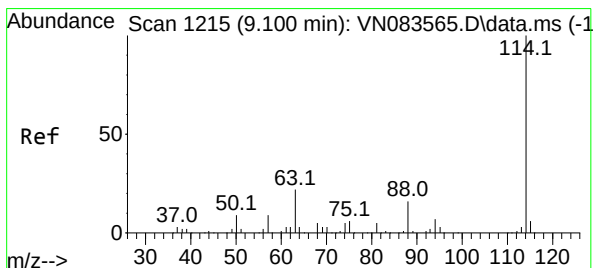
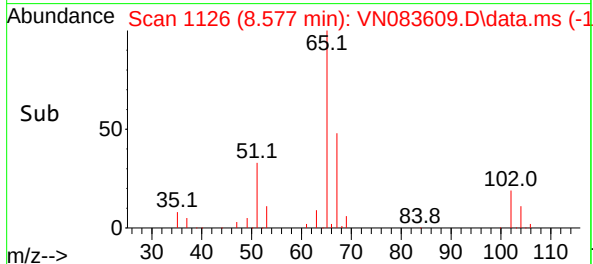
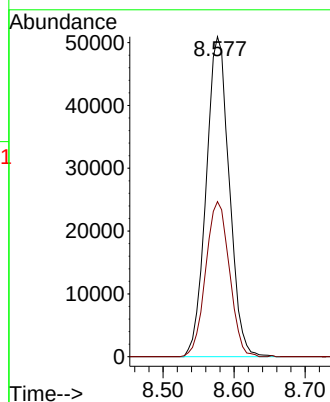
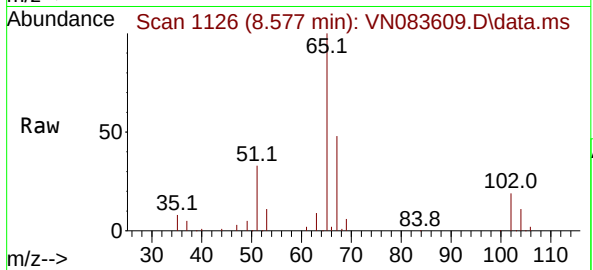




#33
1,2-Dichloroethane-d4
Concen: 57.815 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

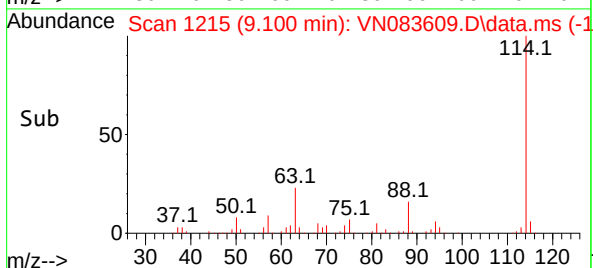
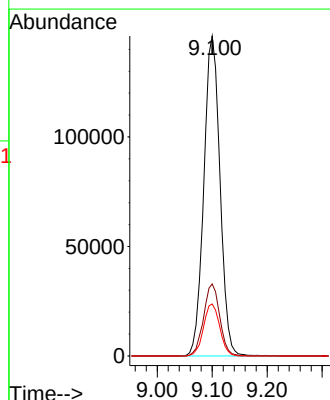
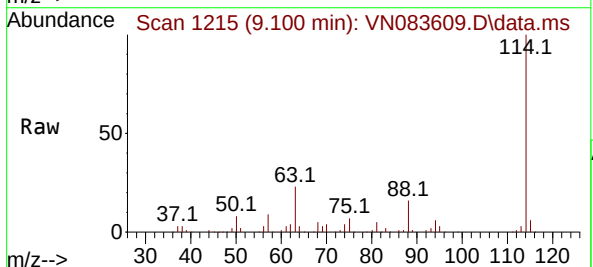
Instrument :
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ClientSampleId :

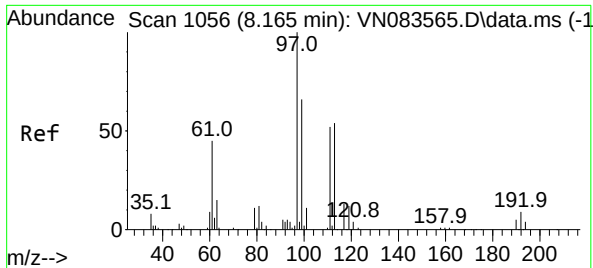
Tgt Ion: 65 Resp: 114992
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Tgt Ion: 114 Resp: 298585
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.4
88 16.3 0.0 32.6

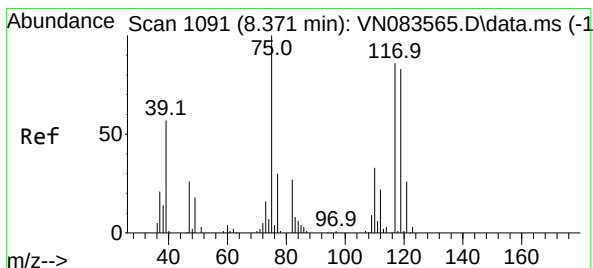
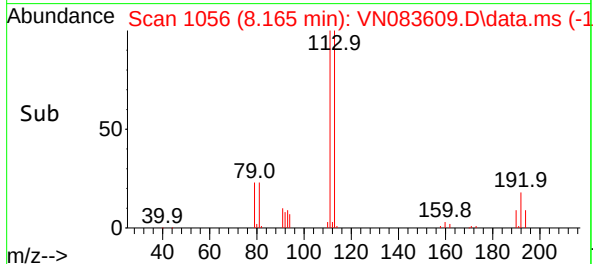
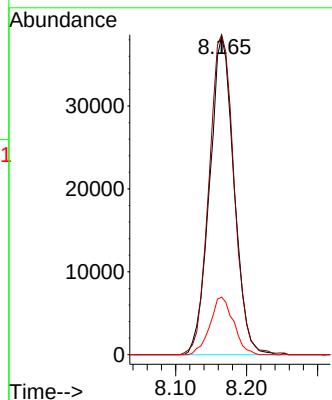
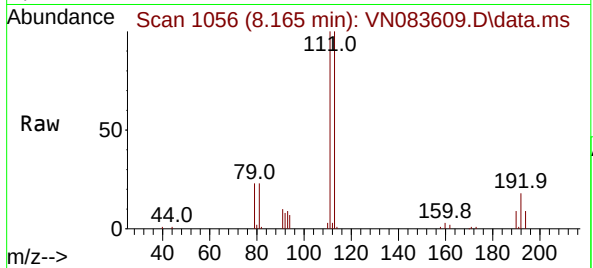




#35
Dibromofluoromethane
Concen: 50.740 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

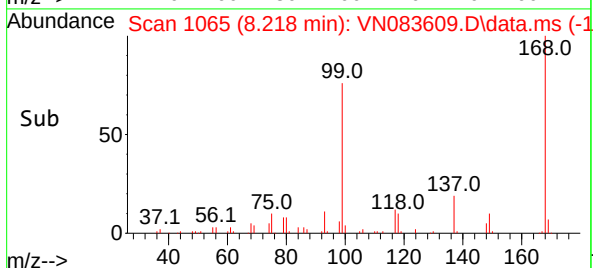
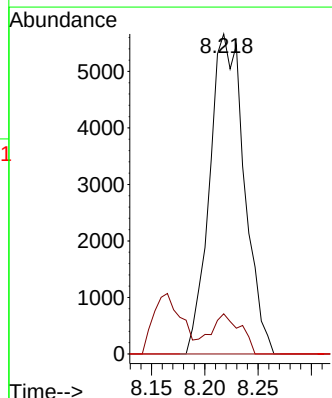
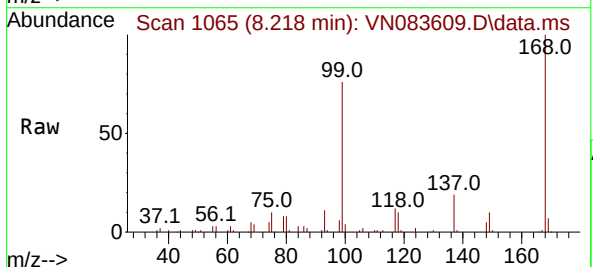
Instrument :
MSVOA_N
ClientSampleId :

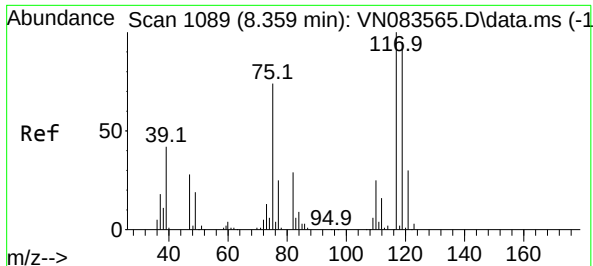
Tgt Ion:113 Resp: 91186
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 17.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

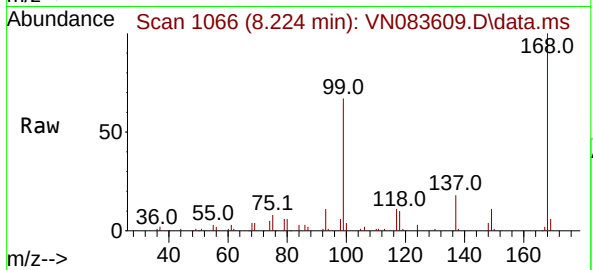
Tgt Ion: 75 Resp: 12811
Ion Ratio Lower Upper
75 100
110 10.6 16.7 50.1#
77 0.0 25.2 37.8#



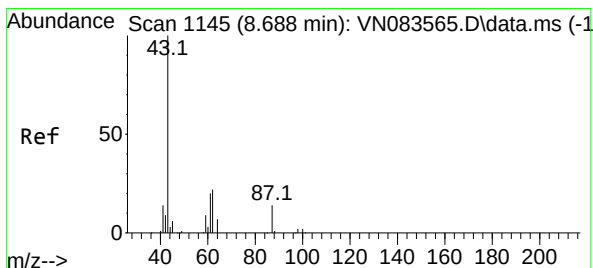
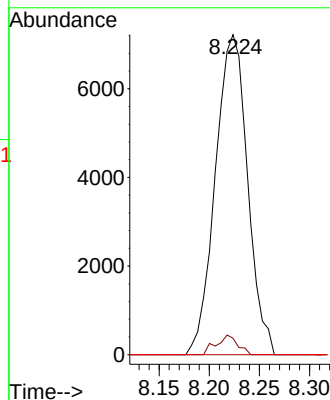
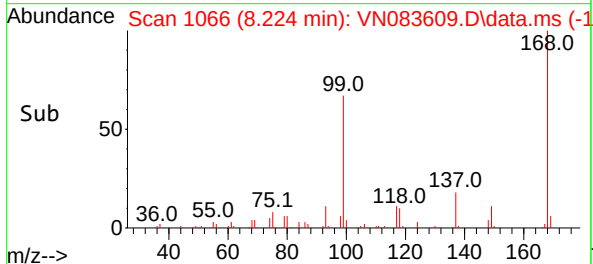


#38
Carbon Tetrachloride
Concen: 5.159 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :

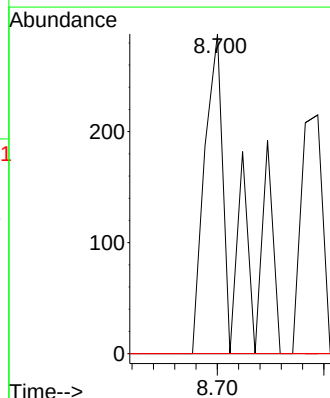
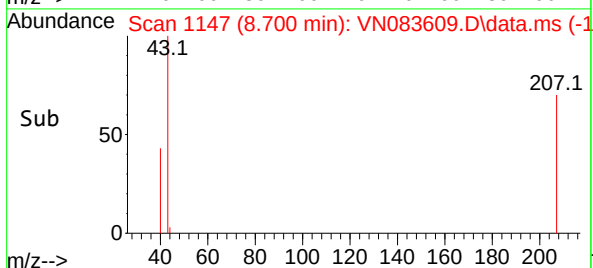
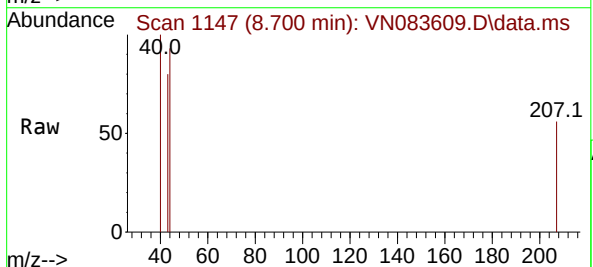


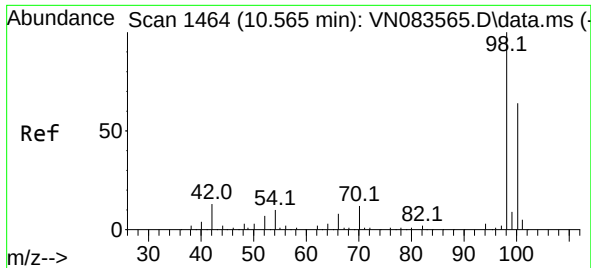
Tgt Ion:117 Resp: 16134
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

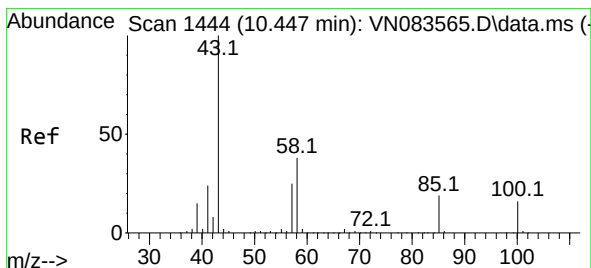
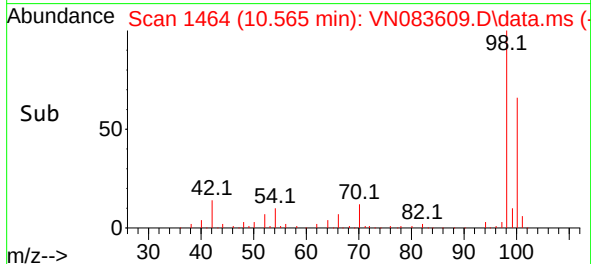
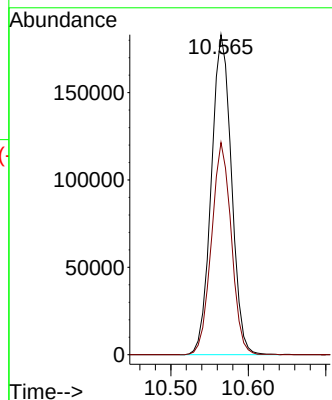
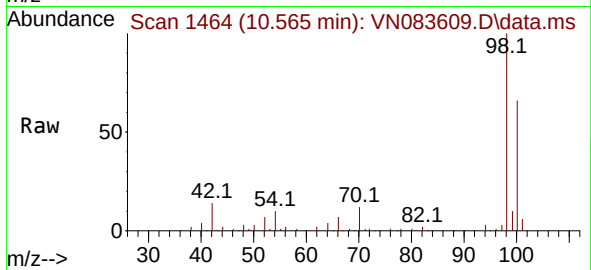




#50
Toluene-d8
Concen: 47.410 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

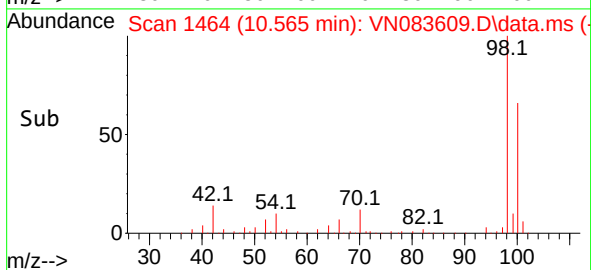
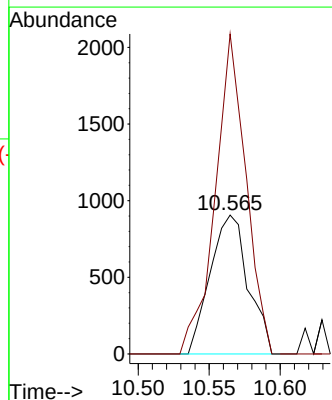
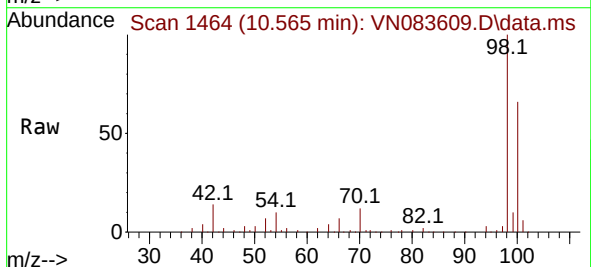
Instrument :
MSVOA_N
ClientSampleId :

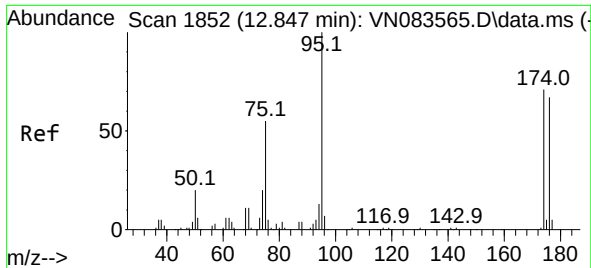
Tgt Ion: 98 Resp: 331740
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.664 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
58 186.9 31.6 47.4#

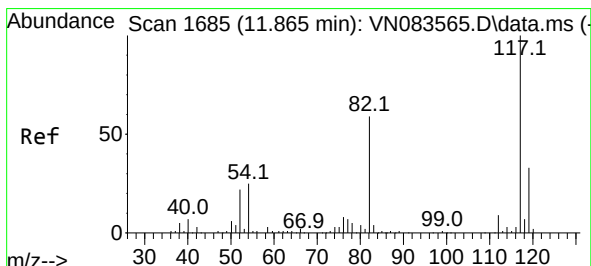
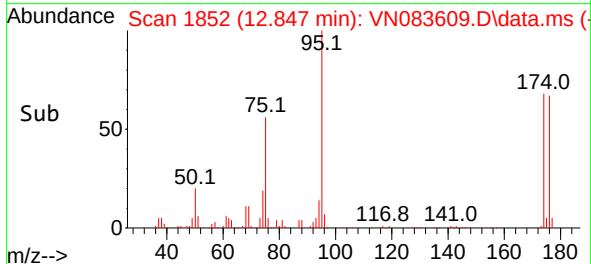
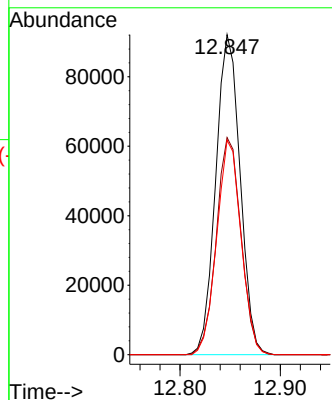
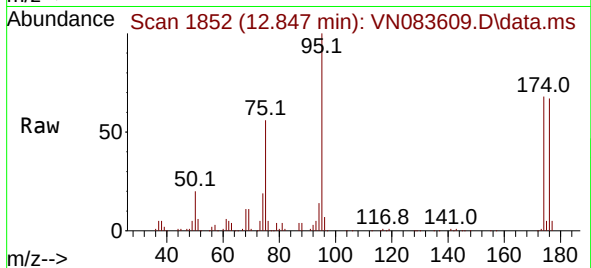




#62
4-Bromofluorobenzene
Concen: 60.016 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

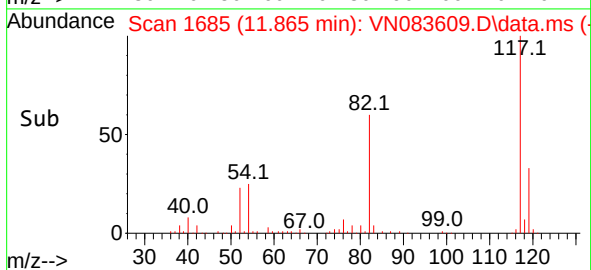
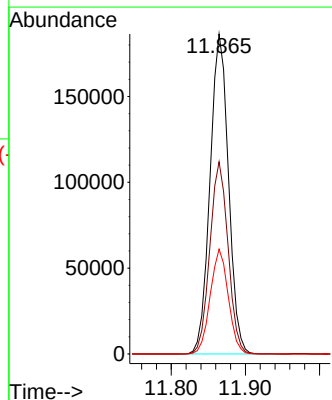
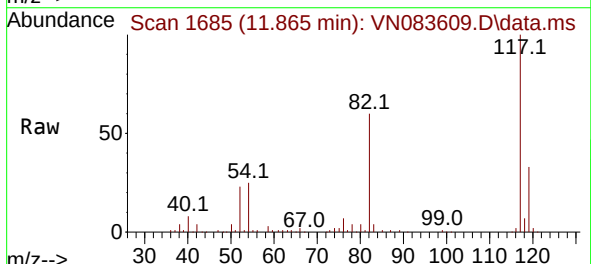
Instrument :
MSVOA_N
ClientSampleId :

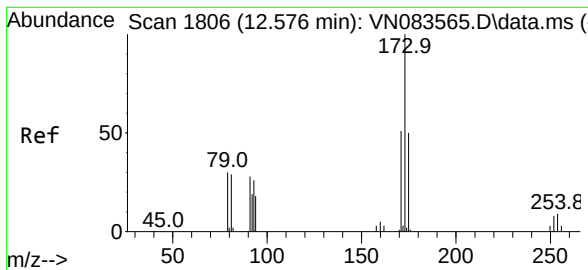
Tgt Ion: 95 Resp: 155591
Ion Ratio Lower Upper
95 100
174 68.7 0.0 139.8
176 66.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

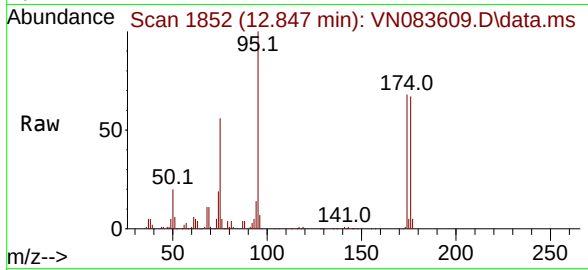
Tgt Ion: 117 Resp: 322529
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 32.7 26.3 39.5



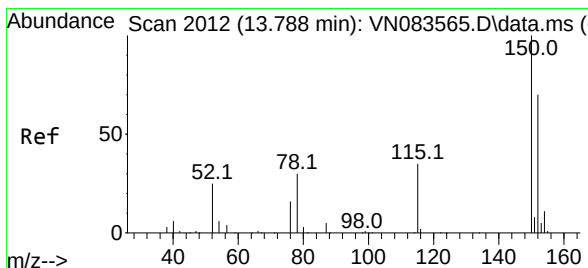
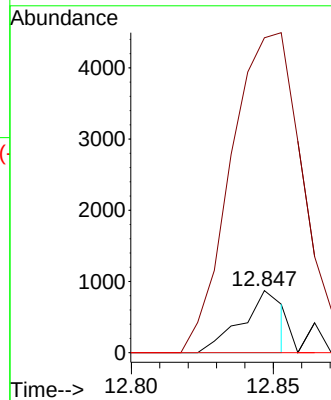
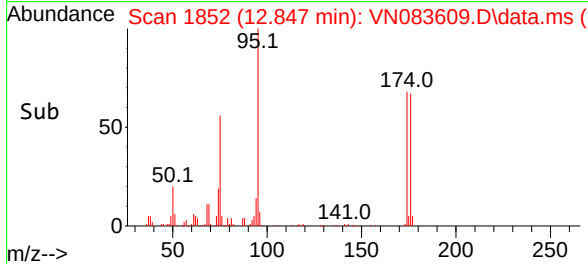


#71
Bromoform
Concen: 0.509 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

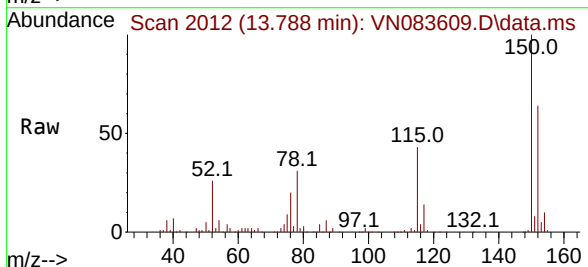
Instrument :
MSVOA_N
ClientSampleId :



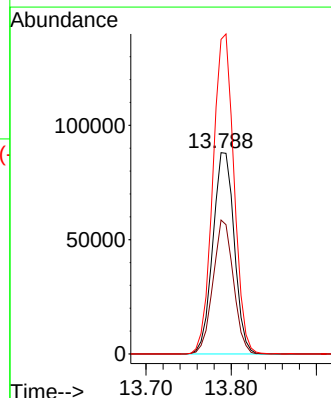
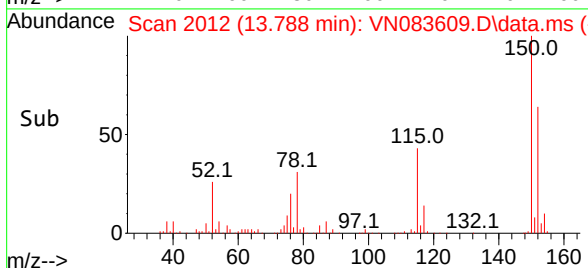
Tgt Ion:173 Resp: 886
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0

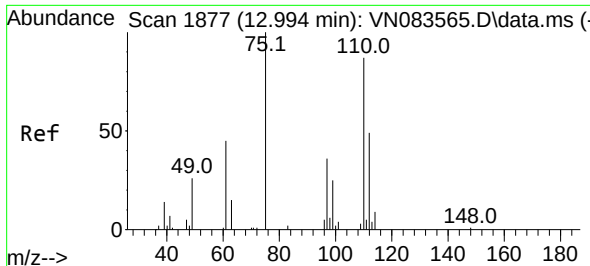


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57



Tgt Ion:152 Resp: 153756
Ion Ratio Lower Upper
152 100
115 63.4 32.2 96.6
150 156.9 0.0 348.6

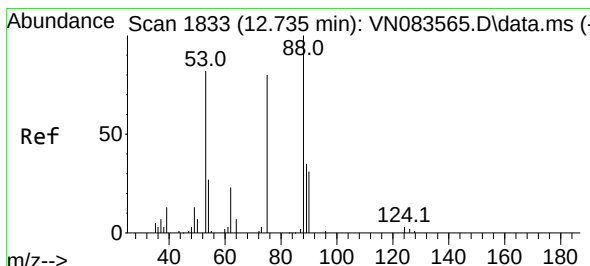
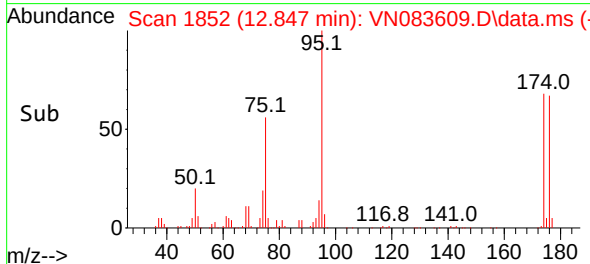
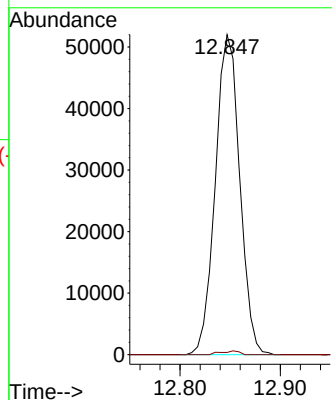
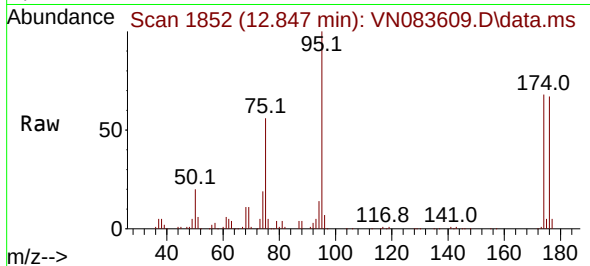




#76
1,2,3-Trichloropropane
Concen: 28.316 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 87903
Ion Ratio Lower Upper
75 100
77 0.9 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.787 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083609.D
Acq: 31 Aug 2024 10:57

Tgt Ion: 75 Resp: 87903
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

