

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084163.D
 Acq On : 25 Sep 2024 16:35
 Operator : JC\MD
 Sample : P4116-14DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20240917DL

Quant Time: Sep 26 01:35:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

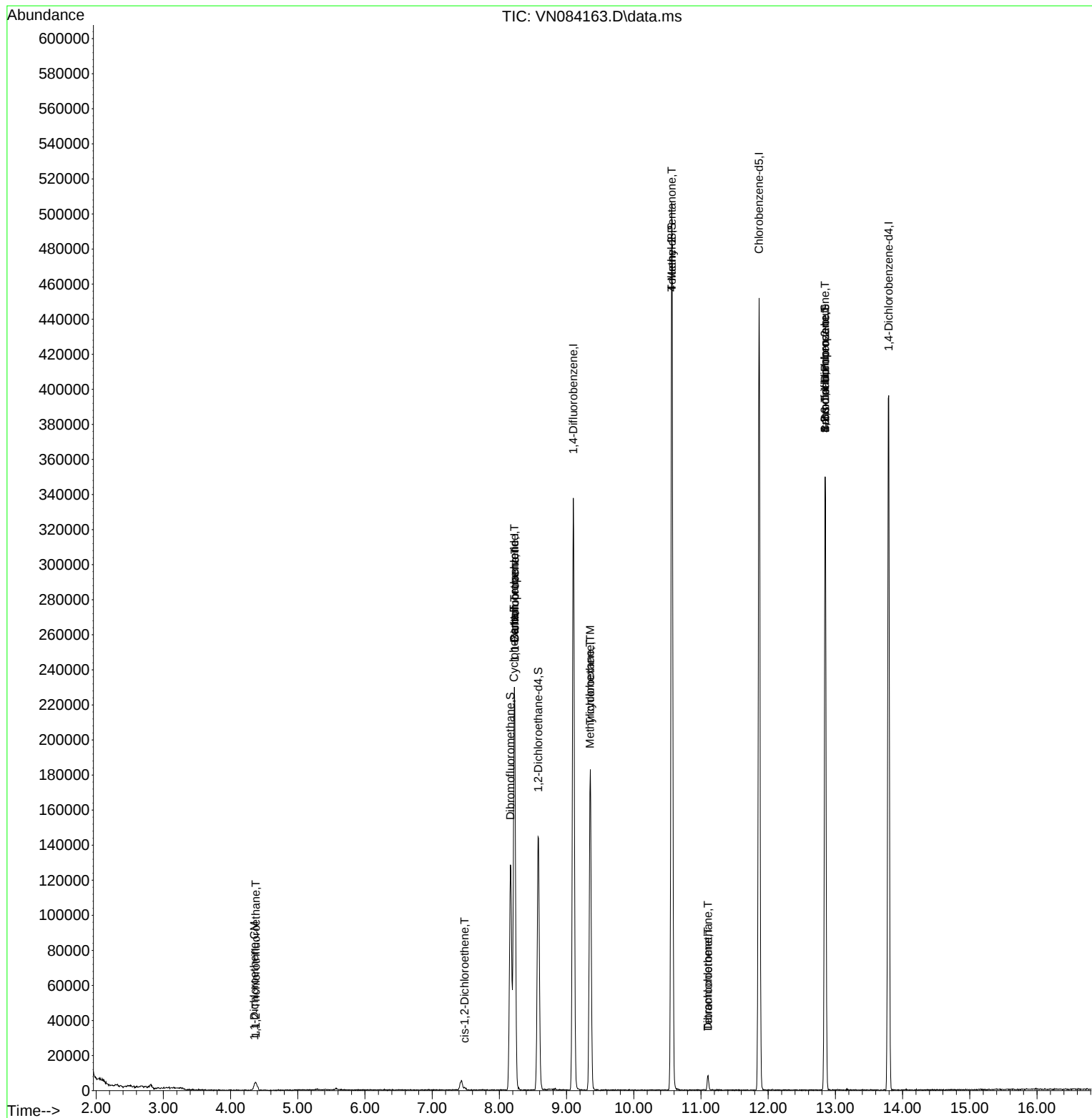
Internal Standards						
1) Pentafluorobenzene	8.224	168	155759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121559	51.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.520%			
35) Dibromofluoromethane	8.165	113	92456	51.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	10.565	98	342524	55.175	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.340%			
62) 4-Bromofluorobenzene	12.847	95	121503	47.439	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.880%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	115	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.377	101	3358	1.882	ug/l #	79
12) 1,1-Dichloroethene	4.353	96	605	0.359	ug/l #	40
27) cis-1,2-Dichloroethene	7.483	96	831	0.388	ug/l	75
31) Cyclohexane	8.218	56	3646	1.074	ug/l #	24
36) 1,1-Dichloropropene	8.230	75	14544	5.381	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17894	5.836	ug/l #	16
39) Methylcyclohexane	9.347	83	782	0.254	ug/l #	9
44) Trichloroethene	9.353	130	62899	33.388	ug/l	89
51) 4-Methyl-2-Pentanone	10.565	43	1624	0.671	ug/l #	1
60) Dibromochloromethane	11.106	129	1849	0.889	ug/l #	10
64) Tetrachloroethene	11.106	164	1621	0.990	ug/l #	88
71) Bromoform	12.847	173	834	0.653	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66300	30.835	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66300	80.759	ug/l #	9

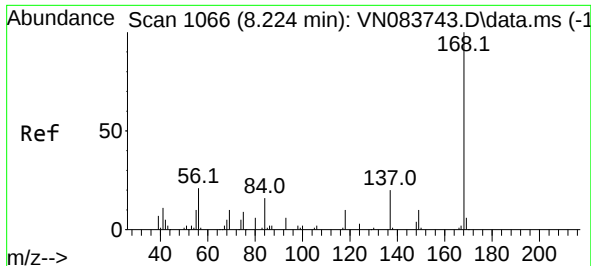
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 26 01:35:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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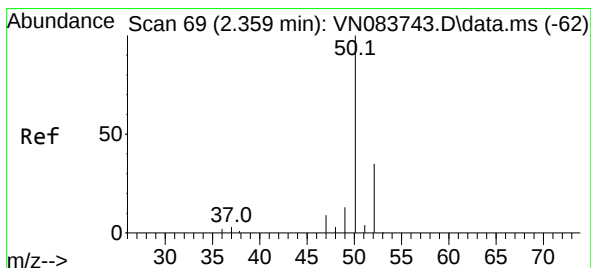
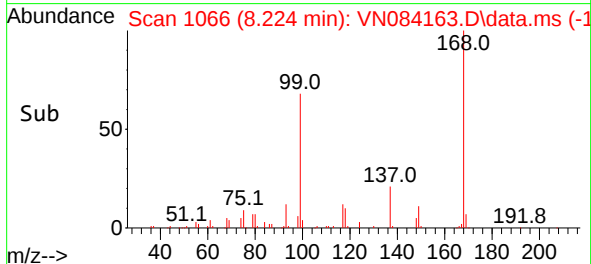
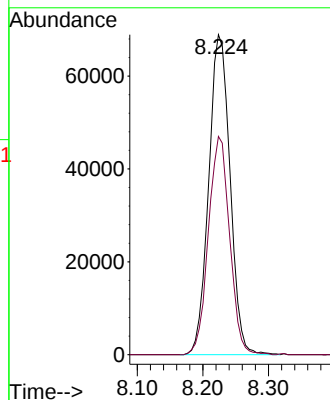
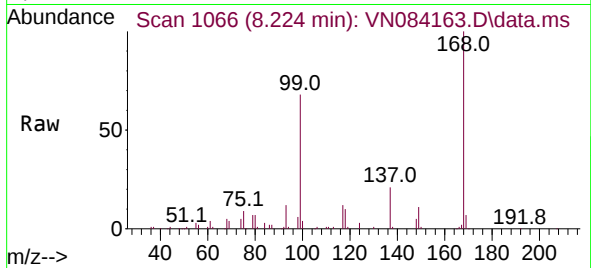




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

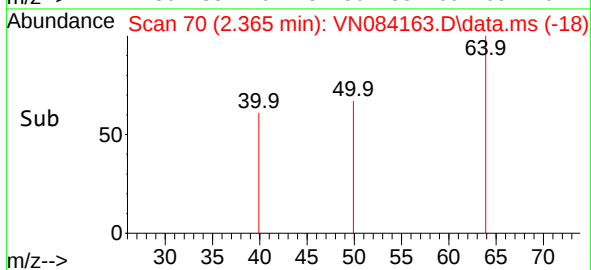
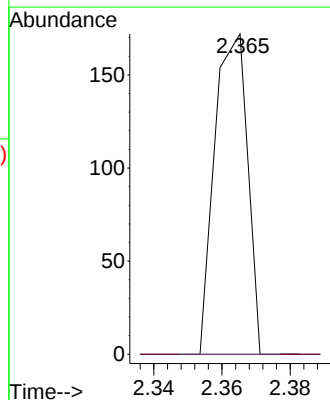
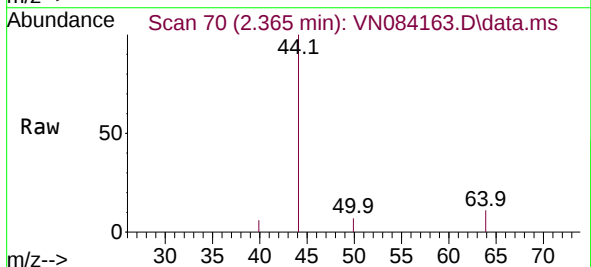
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917DL

Tgt Ion:168 Resp: 155759
Ion Ratio Lower Upper
168 100
99 68.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Tgt Ion: 50 Resp: 115
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

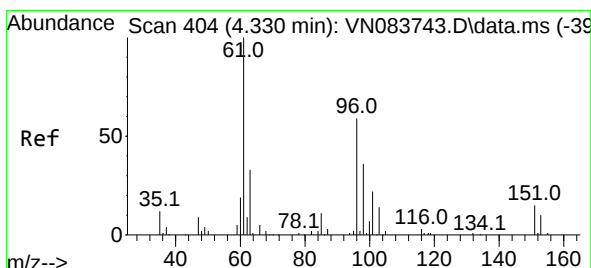
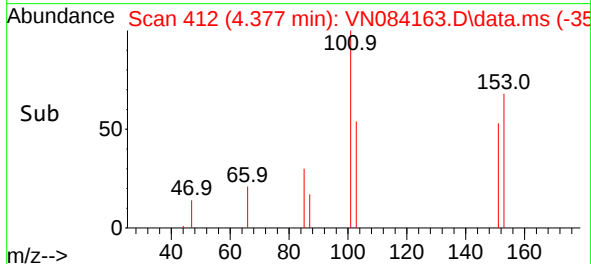
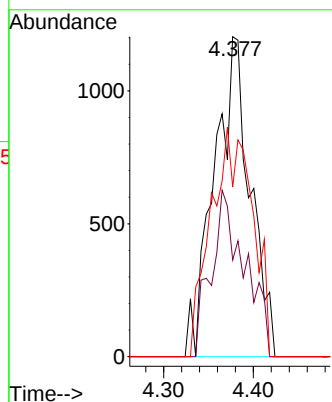
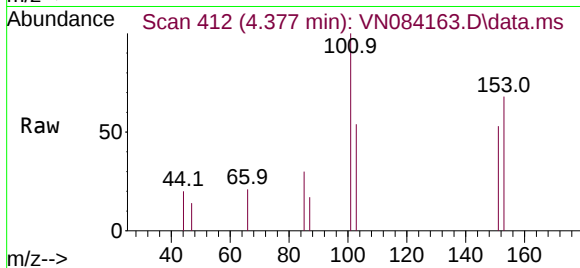




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.882 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.024 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

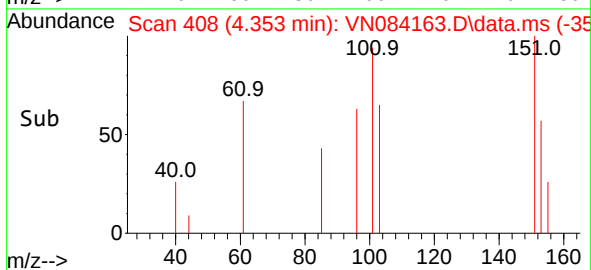
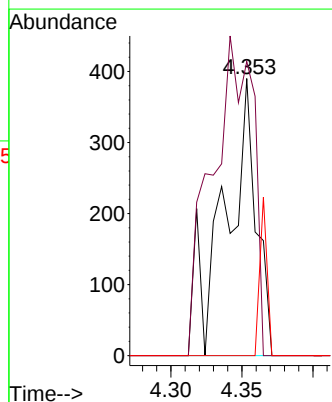
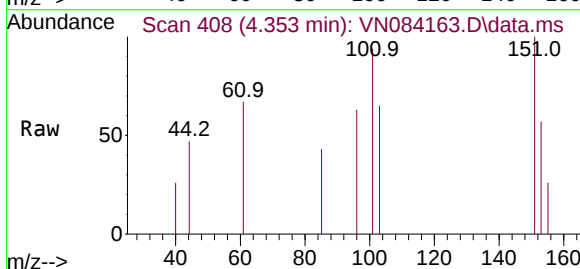
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917DL

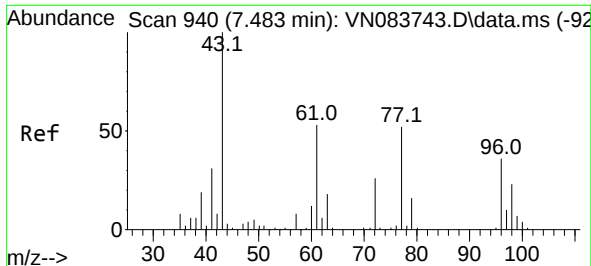
Tgt Ion:101 Resp: 3358
Ion Ratio Lower Upper
101 100
85 48.6 36.2 54.4
151 45.6 57.7 86.5#



#12
1,1-Dichloroethene
Concen: 0.359 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.024 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Tgt Ion: 96 Resp: 605
Ion Ratio Lower Upper
96 100
61 106.2 143.4 215.0#
98 0.0 52.7 79.1#

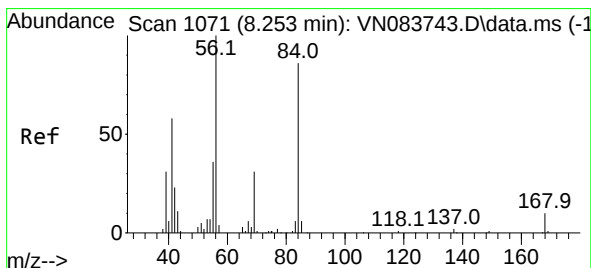
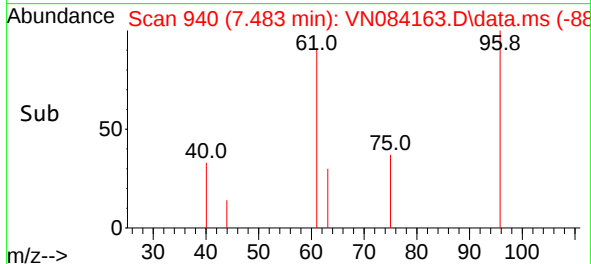
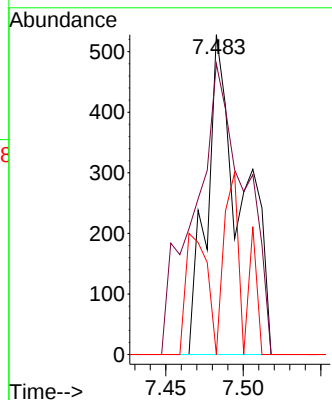
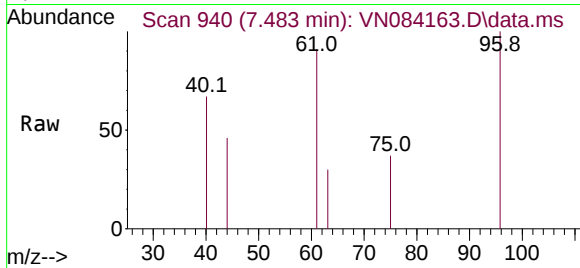




#27
 cis-1,2-Dichloroethene
 Concen: 0.388 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN084163.D
 Acq: 25 Sep 2024 16:35

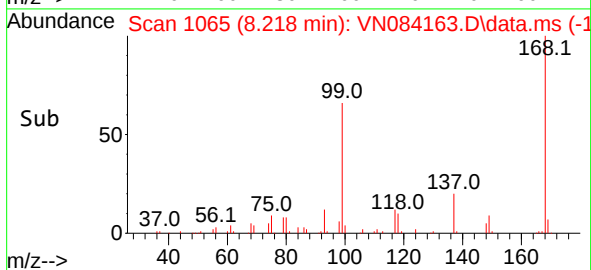
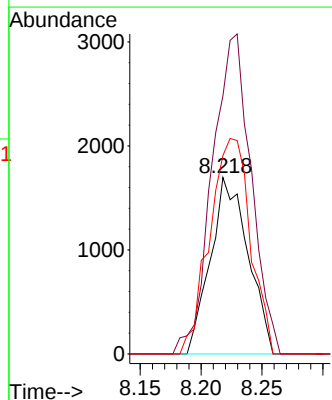
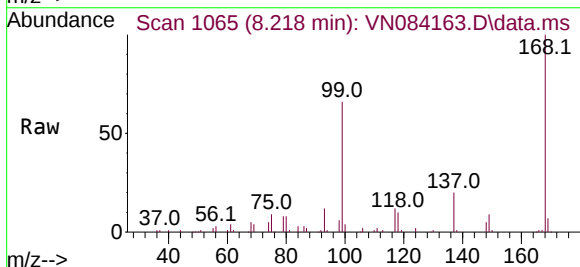
Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20240917DL

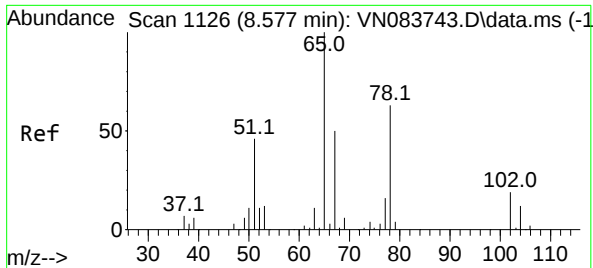
Tgt Ion:	96	Resp:	831
Ion	Ratio	Lower	Upper
96	100		
61	129.7	0.0	306.2
98	31.8	0.0	128.6



#31
 Cyclohexane
 Concen: 1.074 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.035 min
 Lab File: VN084163.D
 Acq: 25 Sep 2024 16:35

Tgt Ion:	56	Resp:	3646
Ion	Ratio	Lower	Upper
56	100		
69	146.2	26.9	40.3#
84	112.4	69.2	103.8#

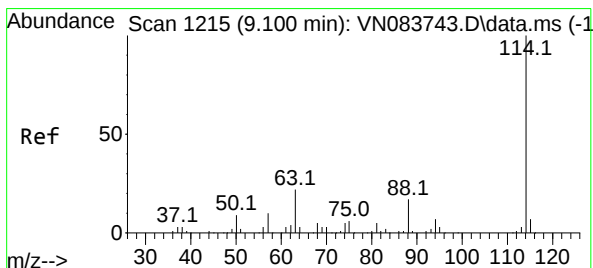
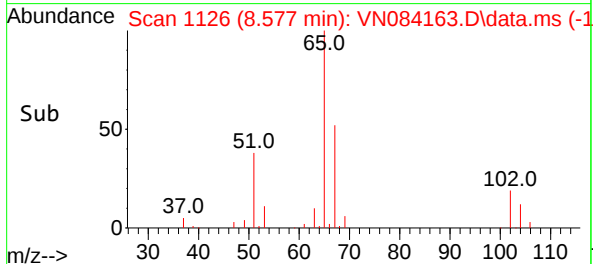
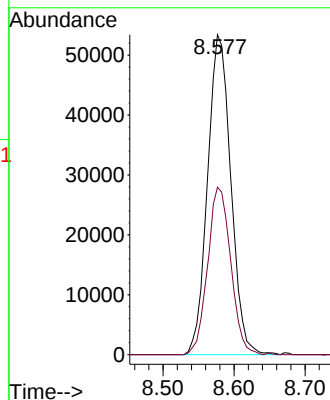
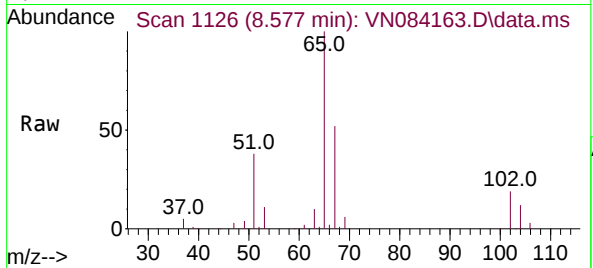




#33
 1,2-Dichloroethane-d4
 Concen: 51.758 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084163.D
 Acq: 25 Sep 2024 16:35

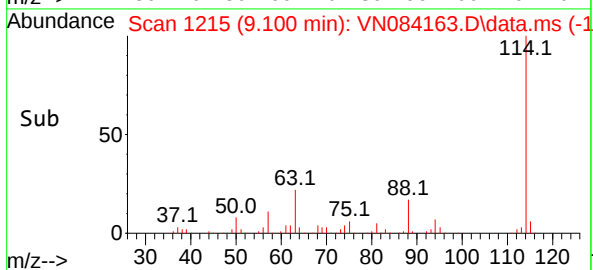
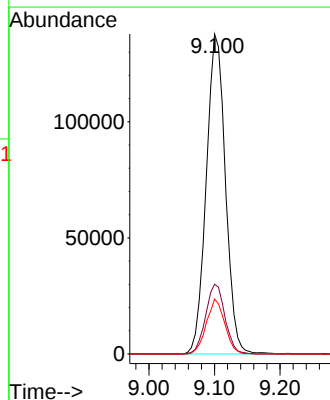
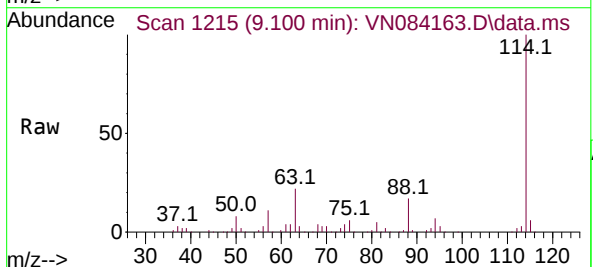
Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20240917DL

Tgt Ion: 65 Resp: 121559
 Ion Ratio Lower Upper
 65 100
 67 51.9 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: VN084163.D
 Acq: 25 Sep 2024 16:35

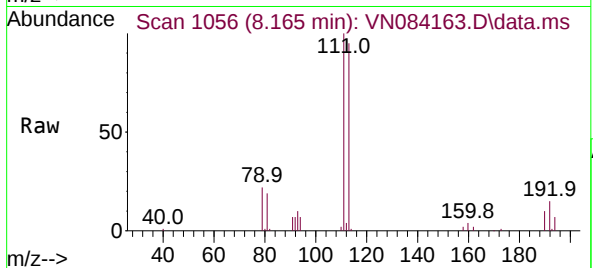
Tgt Ion: 114 Resp: 280503
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.4
 88 17.2 0.0 32.6



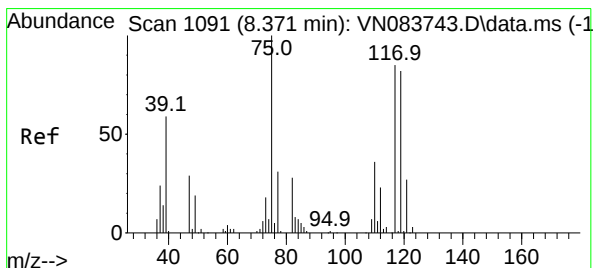
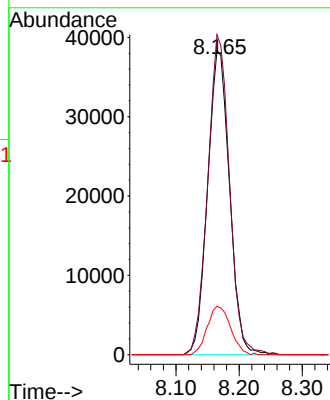
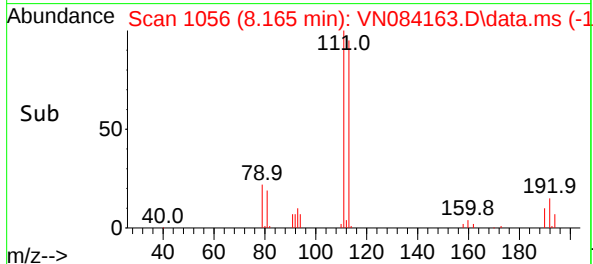


#35
Dibromofluoromethane
Concen: 51.486 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917DL

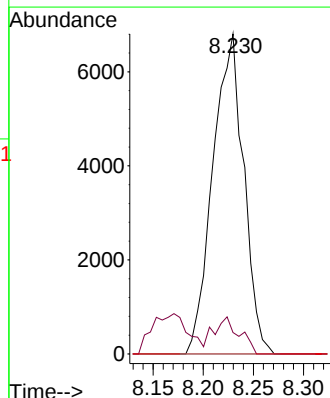
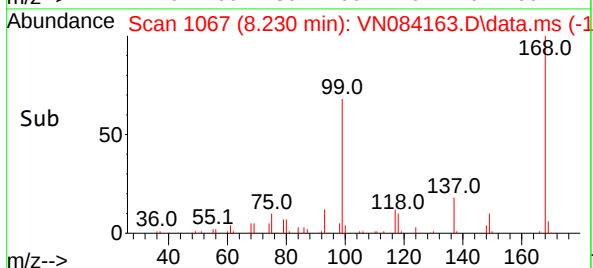
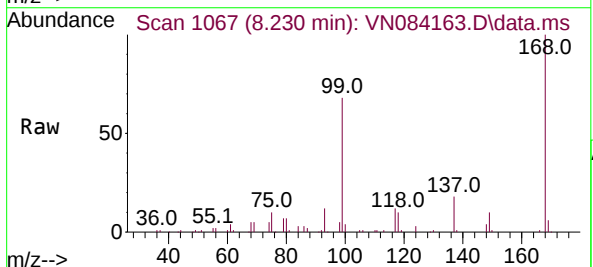


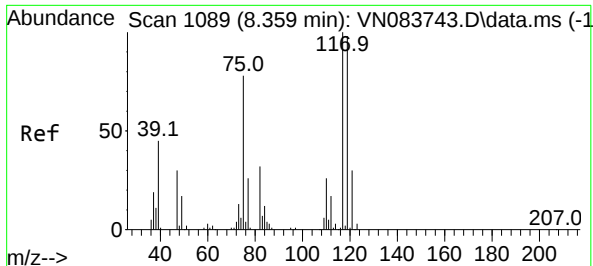
Tgt Ion:113 Resp: 92456
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 16.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.381 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Tgt Ion: 75 Resp: 14544
Ion Ratio Lower Upper
75 100
110 9.6 16.7 50.1#
77 0.0 25.2 37.8#

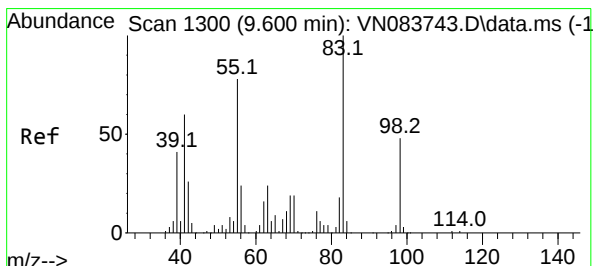
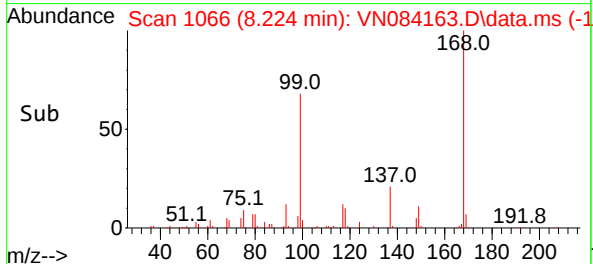
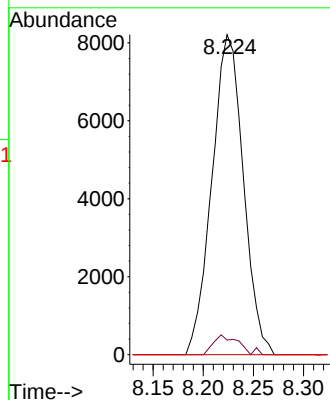
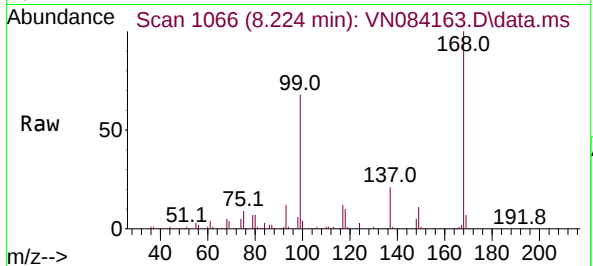




#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 8.224 min Scan# 117
Delta R.T. -0.135 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

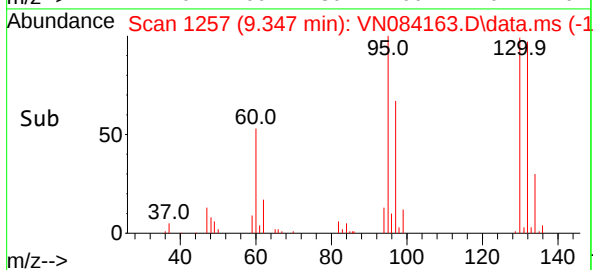
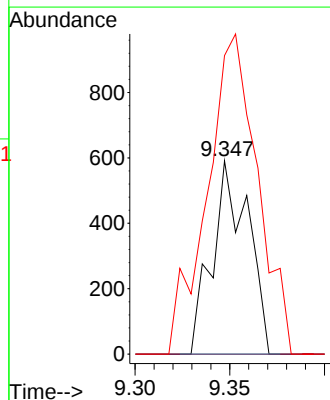
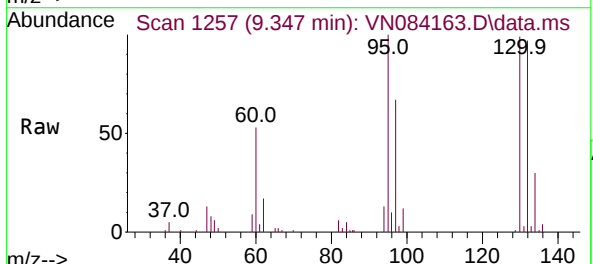
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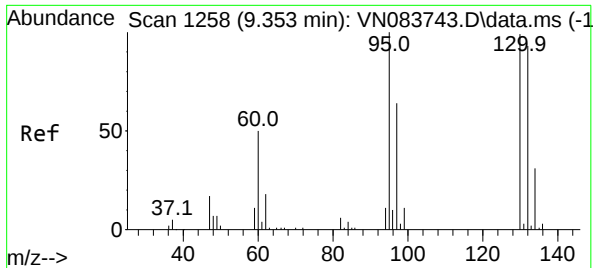
Tgt Ion:117 Resp: 17894
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.254 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.253 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Tgt Ion: 83 Resp: 782
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 110.2 37.6 56.4#

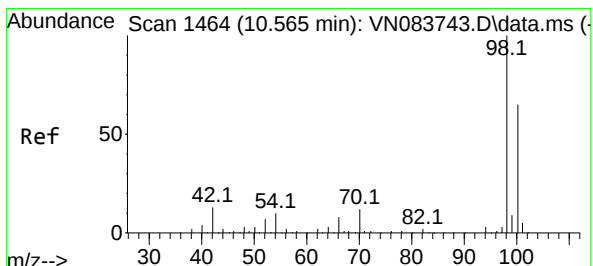
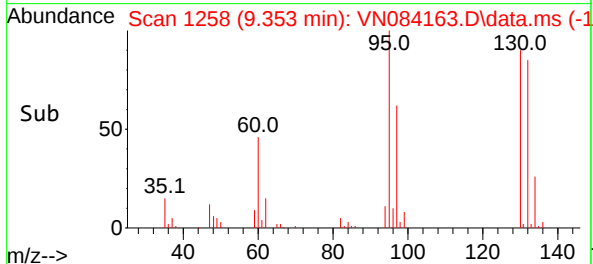
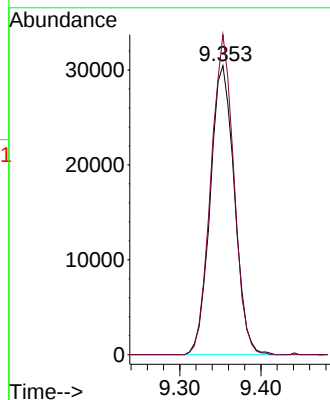
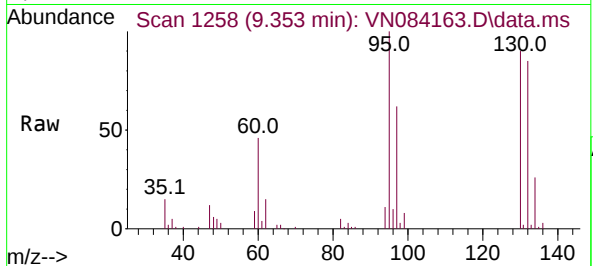




#44
Trichloroethene
Concen: 33.388 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

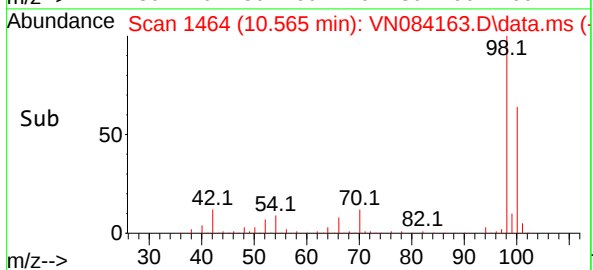
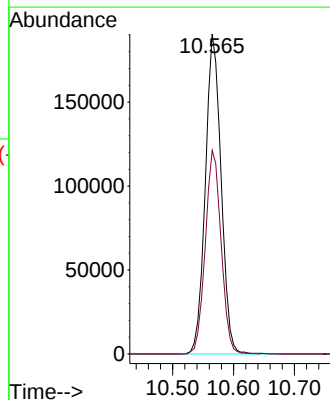
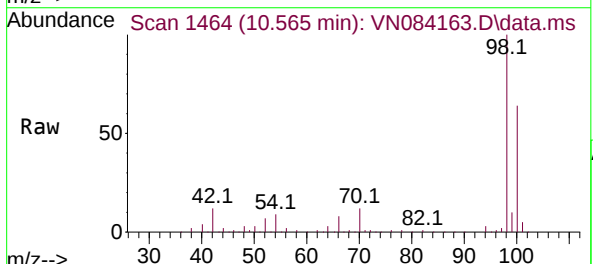
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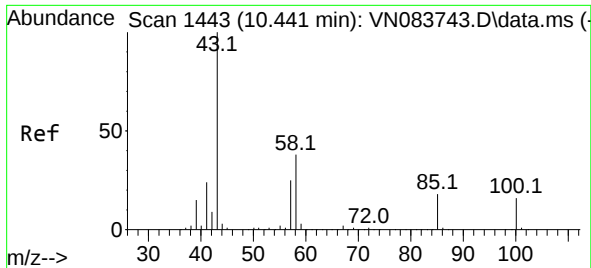
Tgt Ion:130 Resp: 62899
Ion Ratio Lower Upper
130 100
95 110.7 0.0 200.4



#50
Toluene-d8
Concen: 55.175 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Tgt Ion: 98 Resp: 342524
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

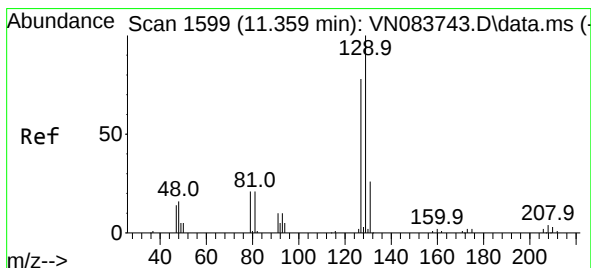
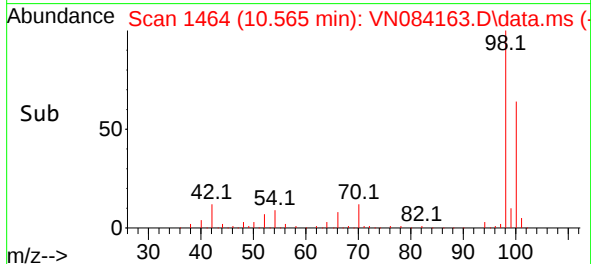
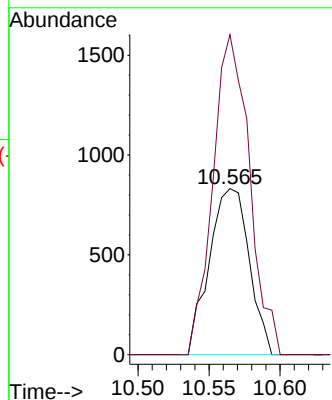
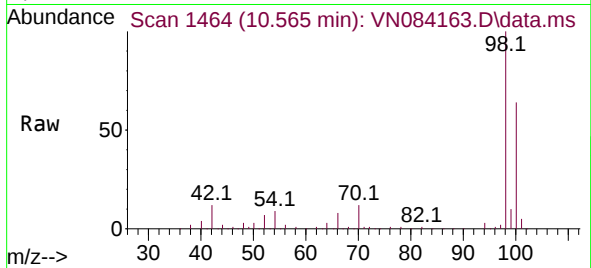




#51
4-Methyl-2-Pentanone
Concen: 0.671 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.124 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

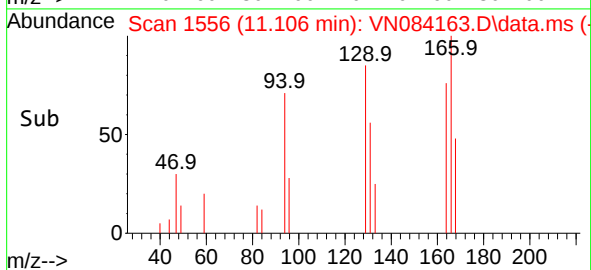
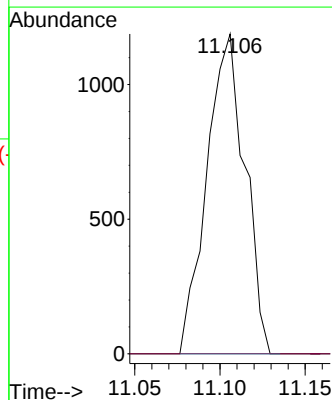
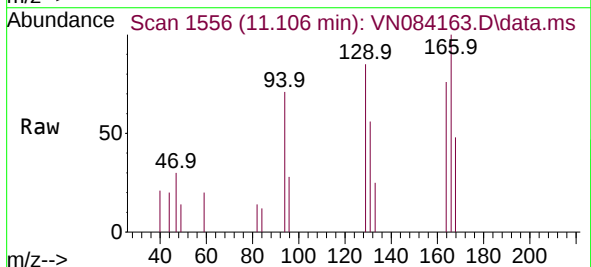
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917DL

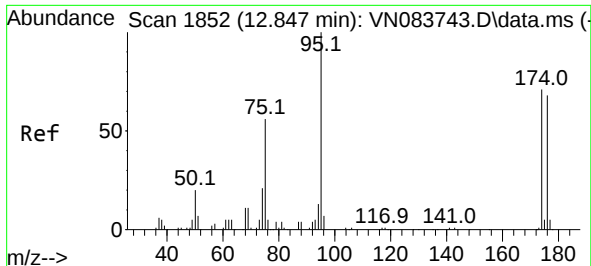
Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
58 177.1 31.6 47.4#



#60
Dibromochloromethane
Concen: 0.889 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Tgt Ion: 129 Resp: 1849
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

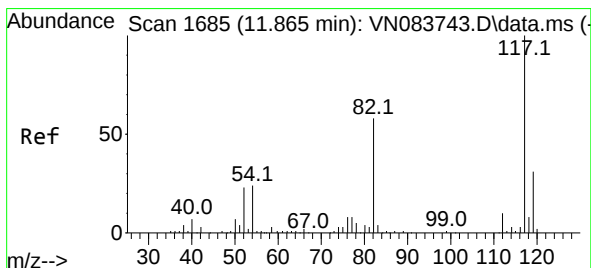
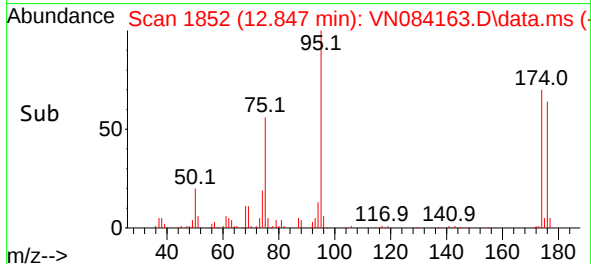
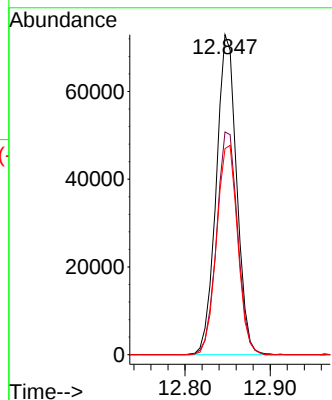
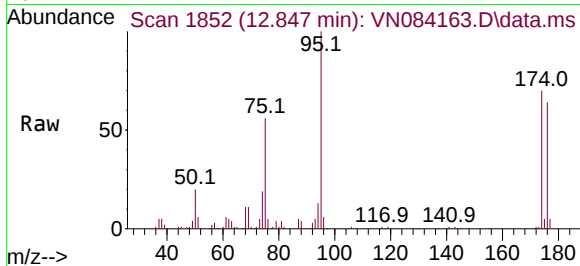




#62
4-Bromofluorobenzene
Concen: 47.439 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

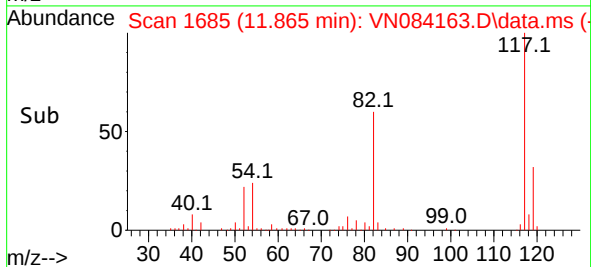
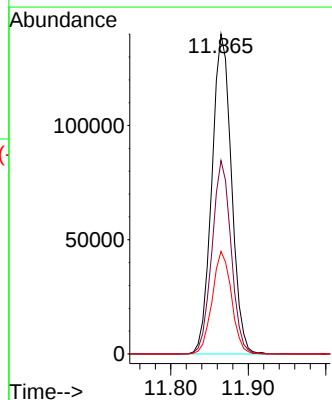
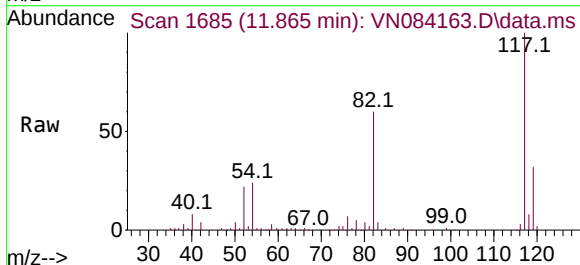
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917DL

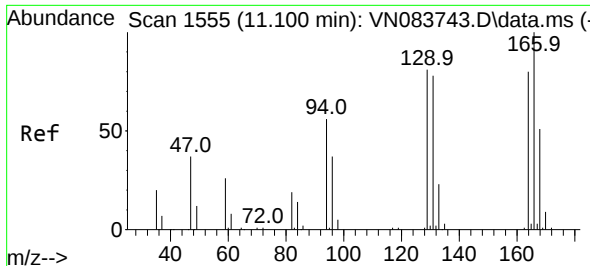
Tgt Ion: 95 Resp: 121503
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 67.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Tgt Ion: 117 Resp: 246132
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.0
119 32.0 26.3 39.5

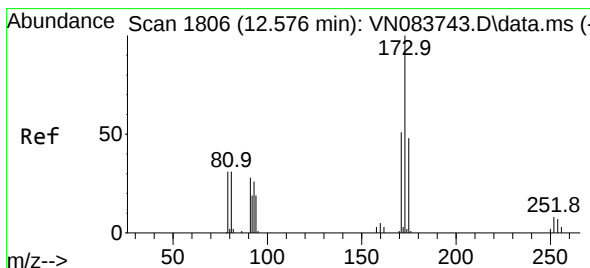
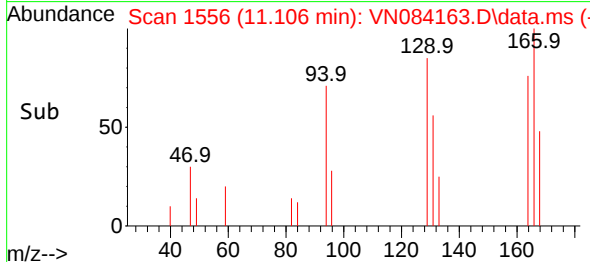
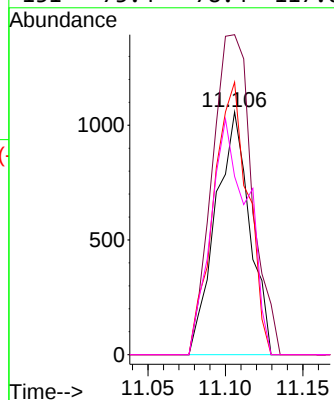
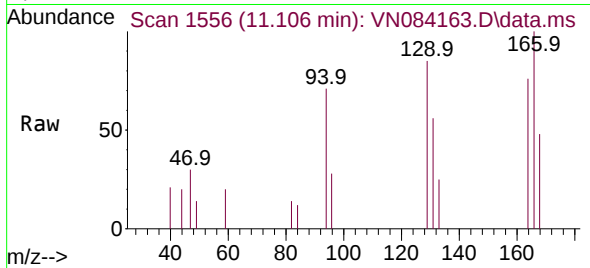




#64
Tetrachloroethene
Concen: 0.990 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

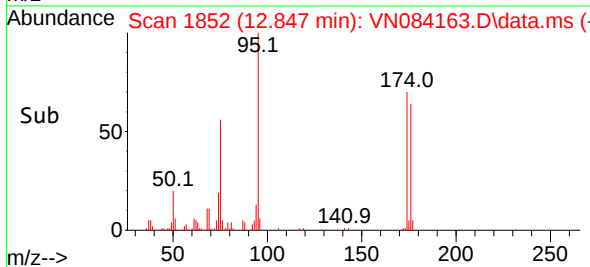
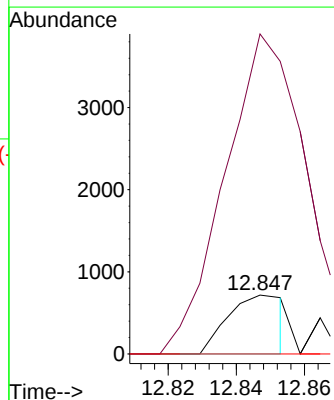
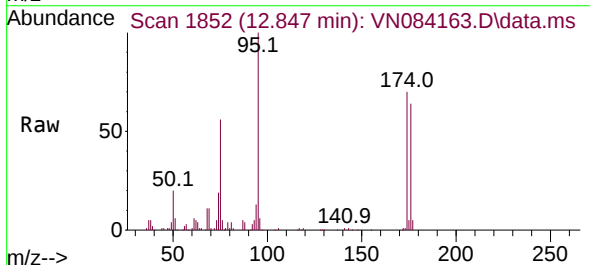
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917DL

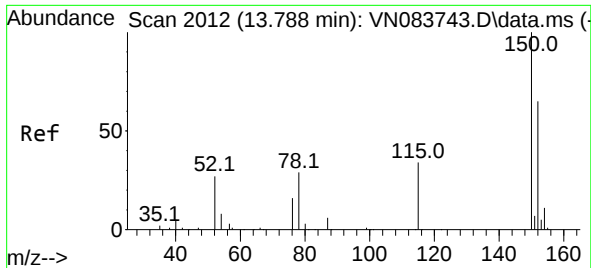
Tgt Ion:164	Resp:	1621
Ion	Ratio	Lower Upper
164	100	
166	131.9	103.7 155.5
129	112.3	79.9 119.9
131	73.4	78.4 117.6#



#71
Bromoform
Concen: 0.653 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Tgt Ion:173	Resp:	834
Ion	Ratio	Lower Upper
173	100	
175	571.6	24.1 72.2#
254	0.0	0.0 0.0

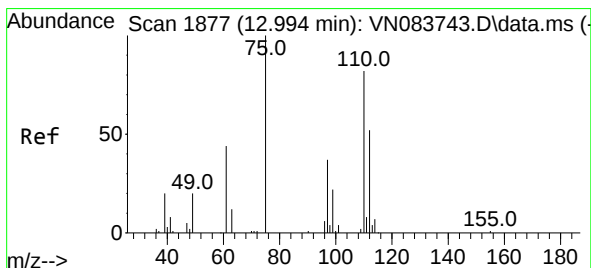
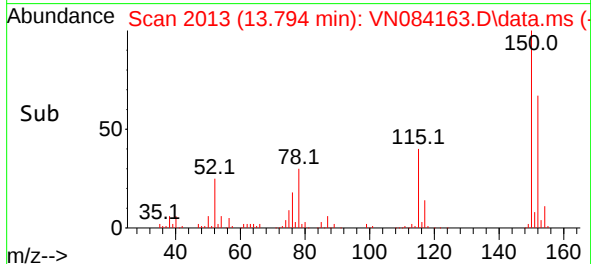
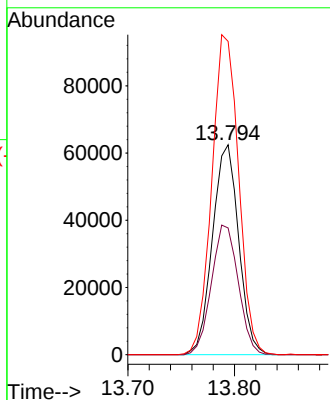
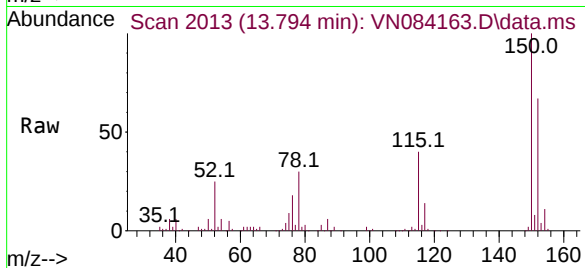




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

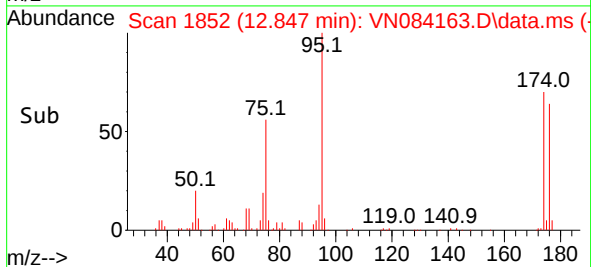
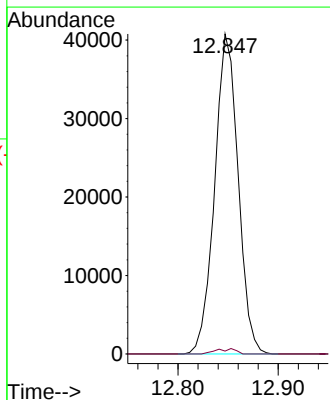
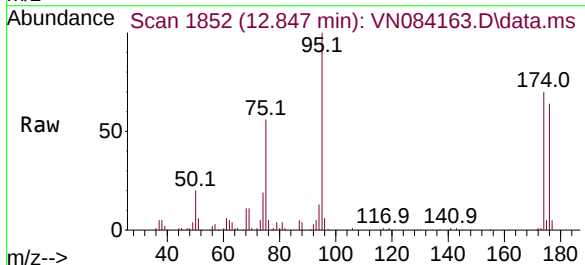
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917DL

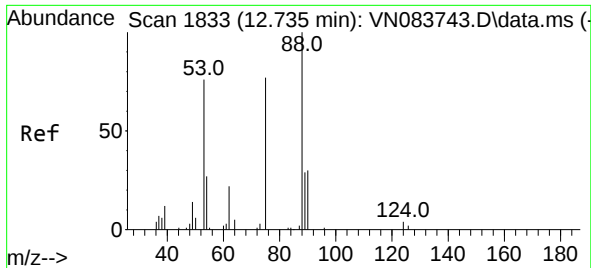
Tgt Ion:152 Resp: 106559
Ion Ratio Lower Upper
152 100
115 63.3 32.2 96.6
150 155.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 30.835 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084163.D
Acq: 25 Sep 2024 16:35

Tgt Ion: 75 Resp: 66300
Ion Ratio Lower Upper
75 100
77 1.4 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.759 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084163.D
 Acq: 25 Sep 2024 16:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20240917DL

Tgt Ion: 75 Resp: 66300
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

