

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077050.D
 Acq On : 28 Aug 2023 19:21
 Operator : JC/SY
 Sample : 04196-03
 Misc : 4.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 02:52:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

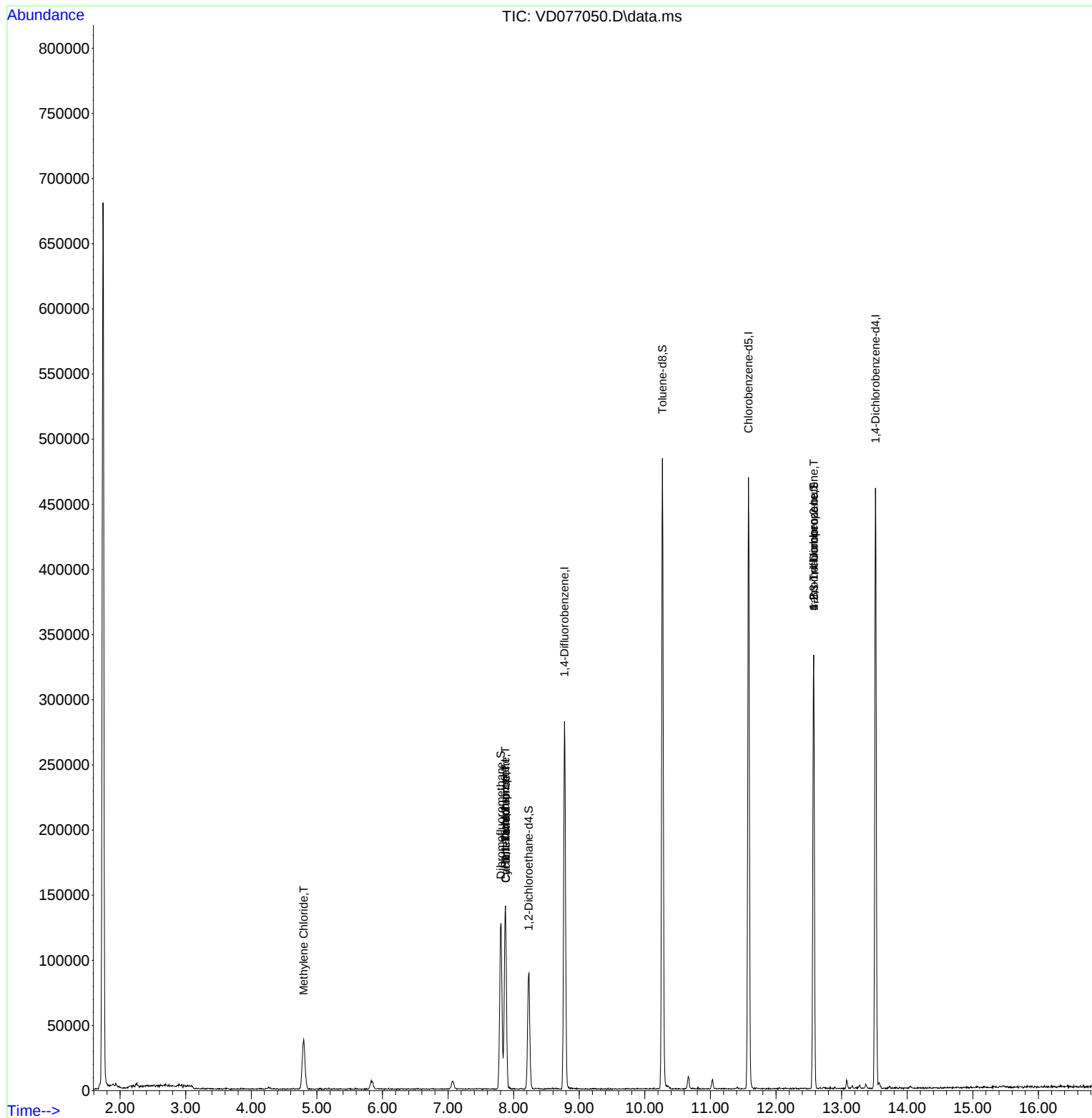
Internal Standards						
1) Pentafluorobenzene	7.869	168	114048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	263058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71007	63.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.480%	
35) Dibromofluoromethane	7.804	113	95121	54.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.269	98	339626	53.419	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.575	95	101061	53.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	375	Below Cal	#	41
20) Methylene Chloride	4.799	84	30518	16.382	ug/l #	85
31) Cyclohexane	7.881	56	2460	1.371	ug/l #	17
36) 1,1-Dichloropropene	7.875	75	8625	3.445	ug/l #	47
38) Carbon Tetrachloride	7.881	117	10245	4.047	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	52850	43.177	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52850	100.248	ug/l #	17

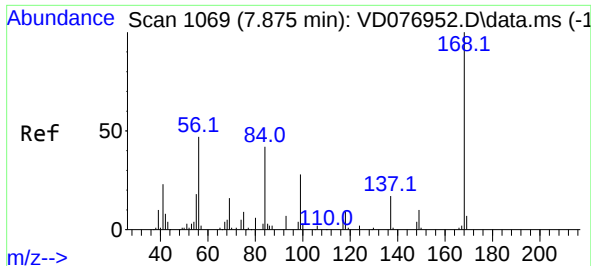
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

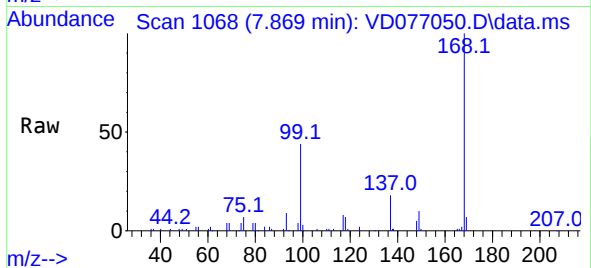
Quant Time: Aug 29 02:52:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



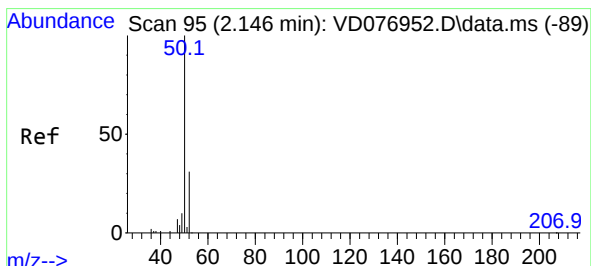
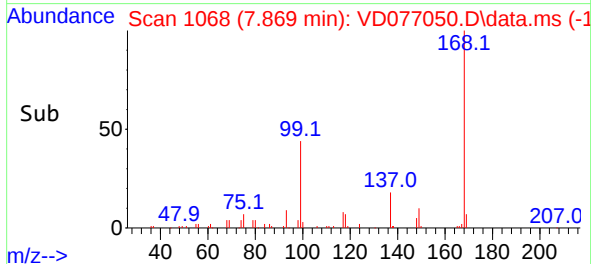
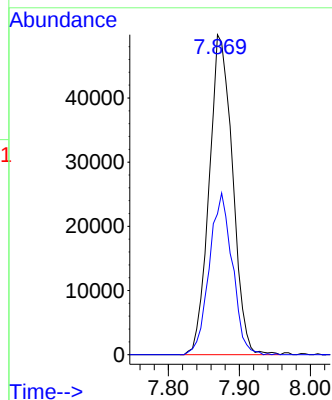


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

Instrument :
MSVOA_D
ClientSampleId :

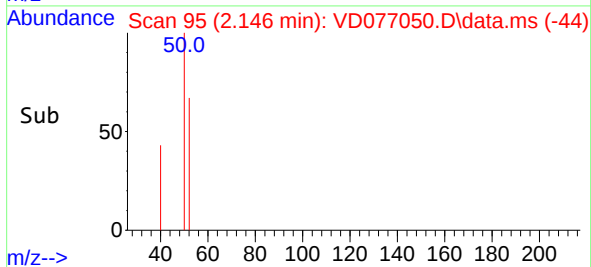
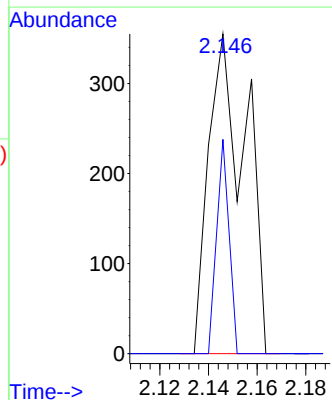
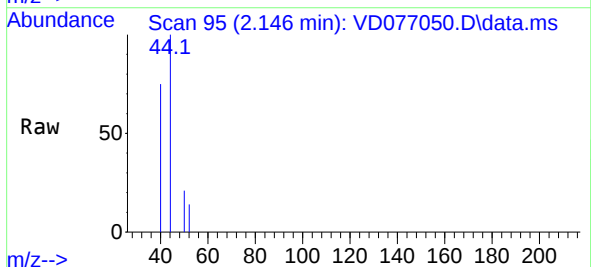


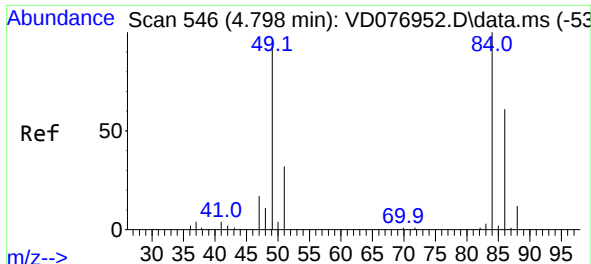
Tgt Ion:168 Resp: 114048
Ion Ratio Lower Upper
168 100
99 44.0 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

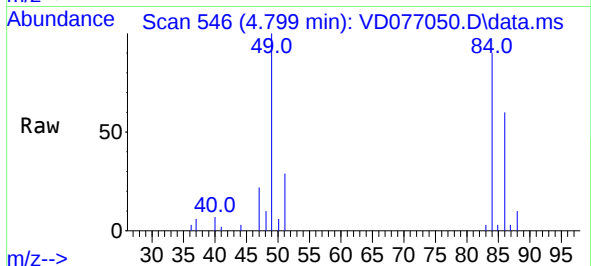
Tgt Ion: 50 Resp: 375
Ion Ratio Lower Upper
50 100
52 67.0 26.6 40.0#





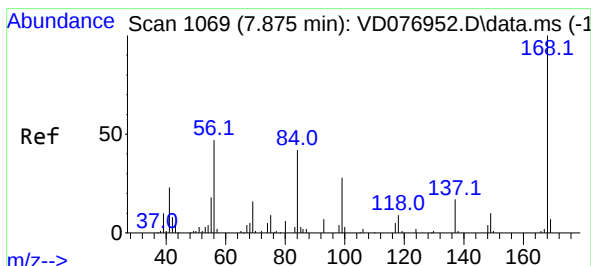
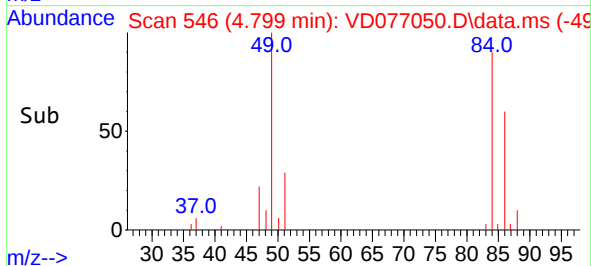
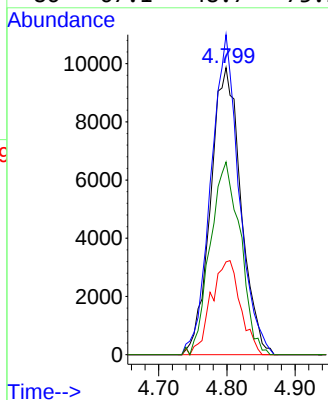
#20
Methylene Chloride
Concen: 16.382 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.001 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 30518

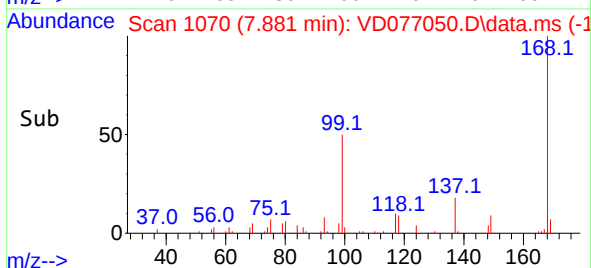
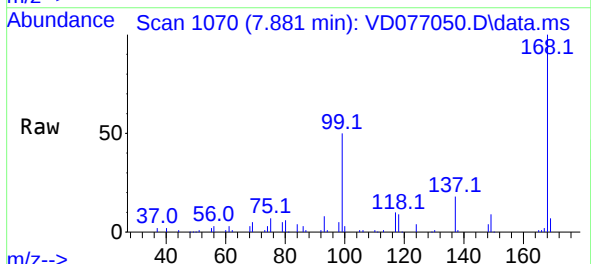
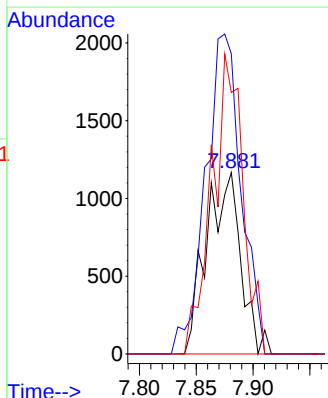
Ion	Ratio	Lower	Upper
84	100		
49	111.5	71.4	107.2#
51	32.4	24.5	36.7
86	67.1	48.7	73.1

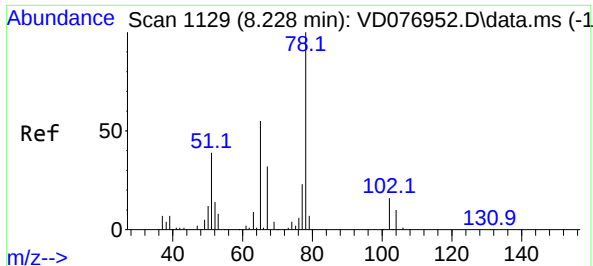


#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

Tgt Ion: 56 Resp: 2460

Ion	Ratio	Lower	Upper
56	100		
69	165.4	28.6	43.0#
84	144.0	84.8	127.2#

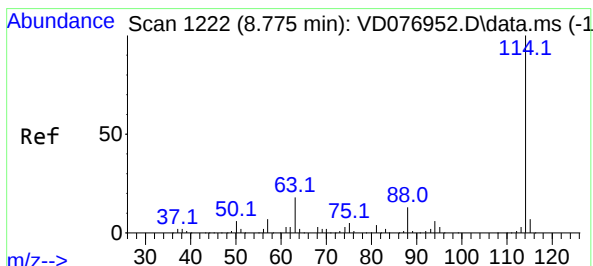
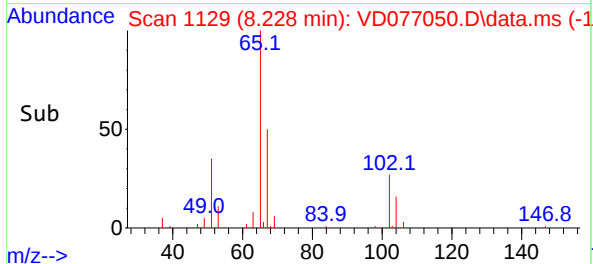
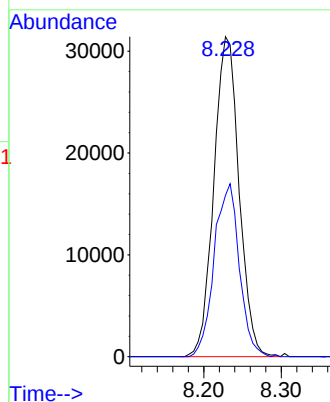
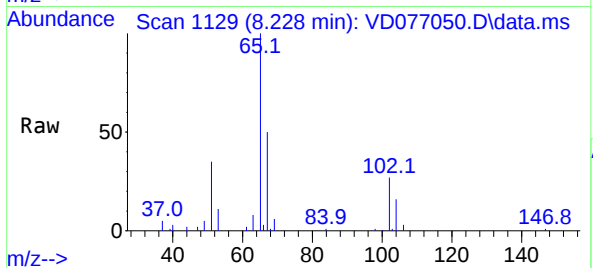




#33
1,2-Dichloroethane-d4
Concen: 63.237 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

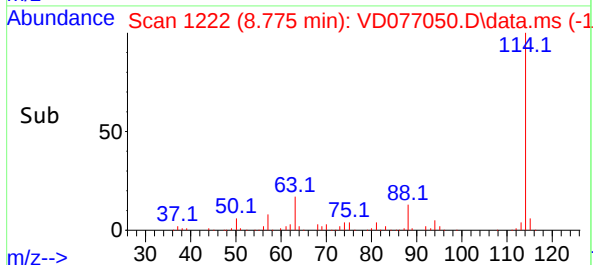
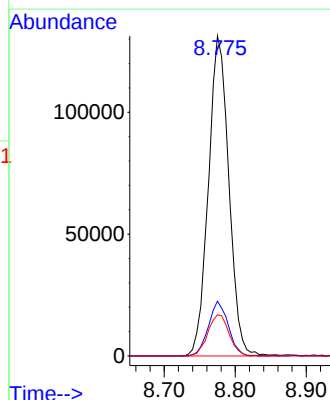
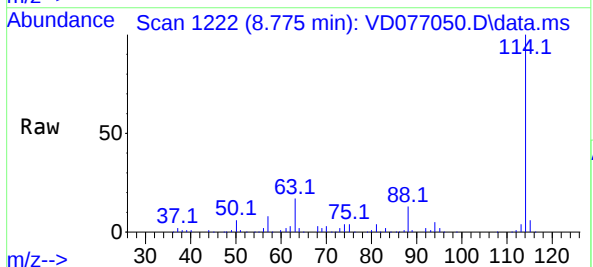
Instrument :
MSVOA_D
ClientSampleId :

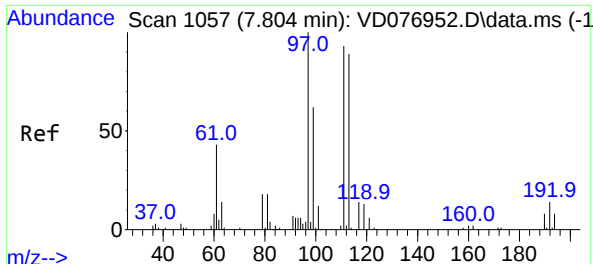
Tgt Ion: 65 Resp: 71007
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

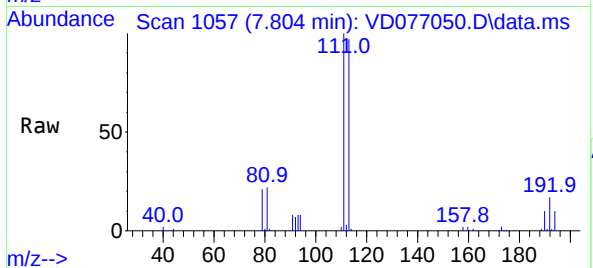
Tgt Ion:114 Resp: 263058
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.4
88 12.9 0.0 26.2



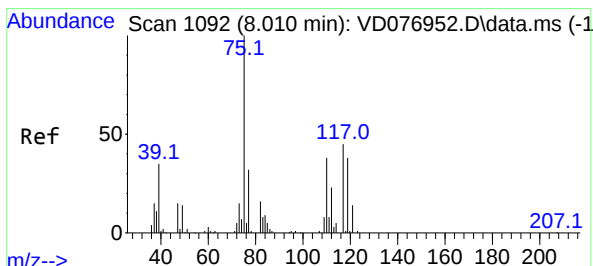
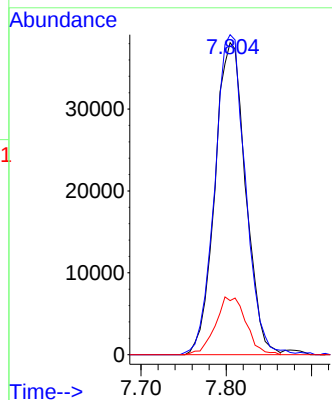
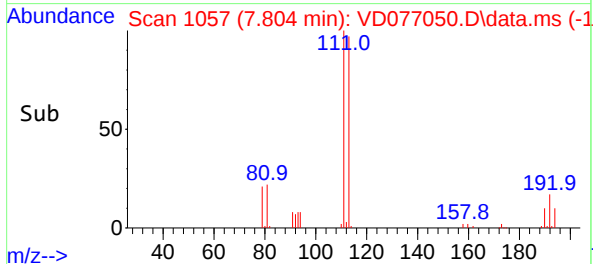


#35
Dibromofluoromethane
Concen: 54.126 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

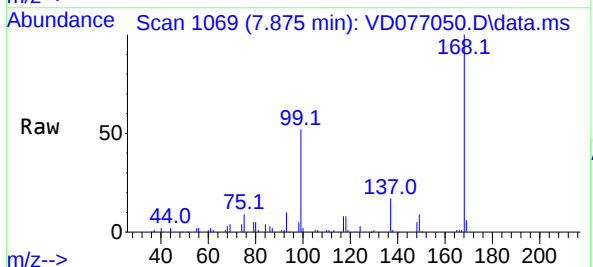
Instrument :
MSVOA_D
ClientSampleId :



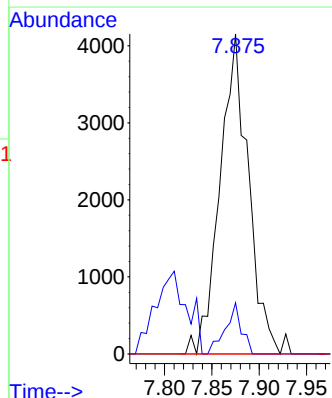
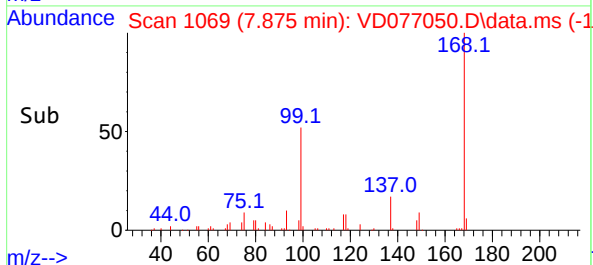
Tgt Ion:113 Resp: 95121
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 18.4 16.8 25.2

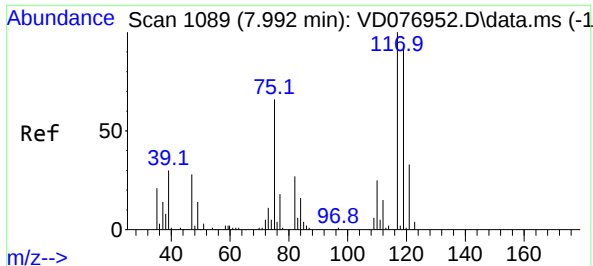


#36
1,1-Dichloropropene
Concen: 3.445 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21



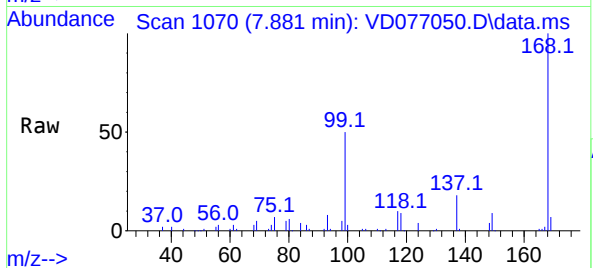
Tgt Ion: 75 Resp: 8625
Ion Ratio Lower Upper
75 100
110 9.1 19.9 59.6#
77 0.0 24.7 37.1#



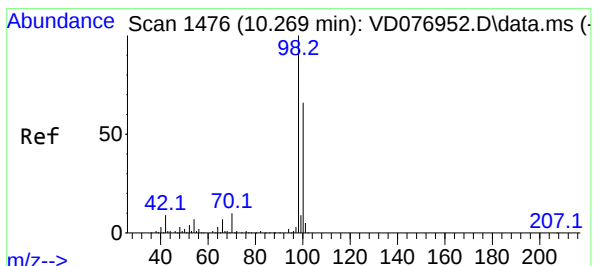
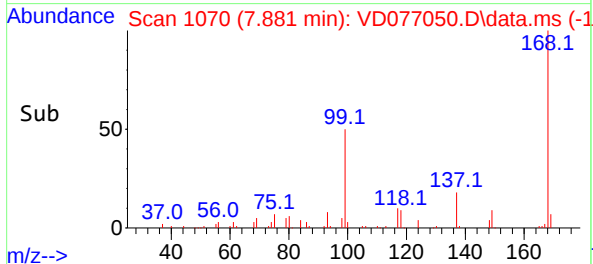
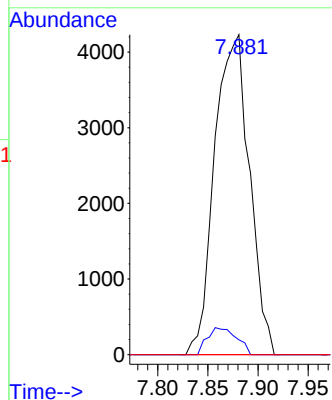


#38
Carbon Tetrachloride
Concen: 4.047 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.111 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

Instrument :
MSVOA_D
ClientSampleId :

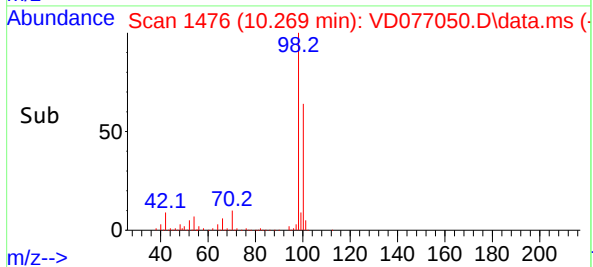
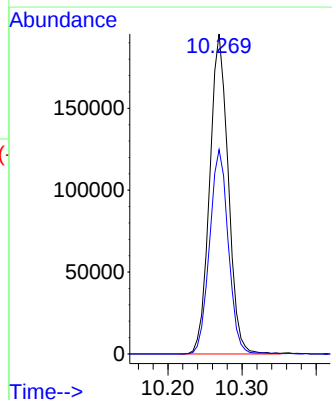
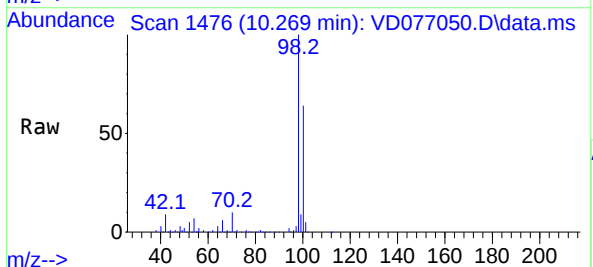


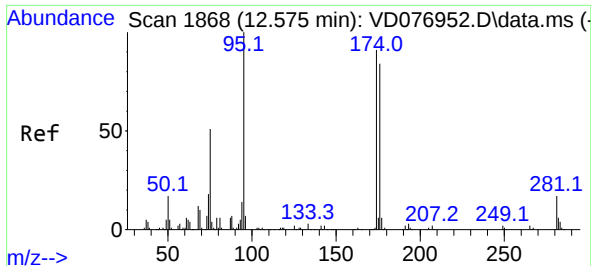
Tgt Ion:117 Resp: 10245
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.419 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

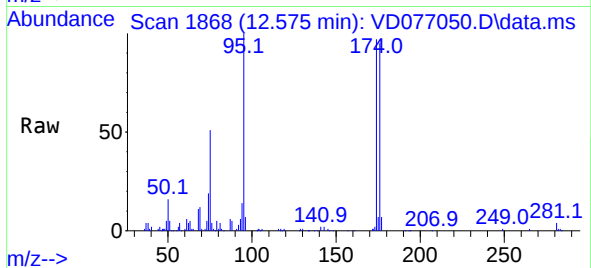
Tgt Ion: 98 Resp: 339626
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



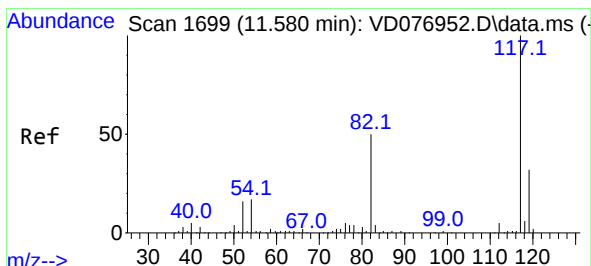
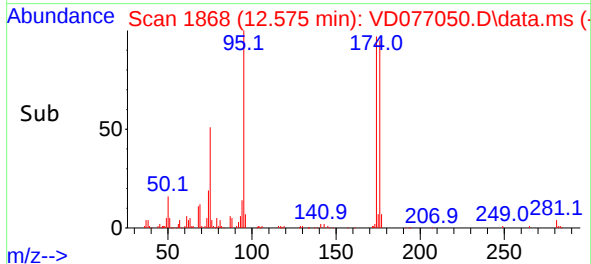
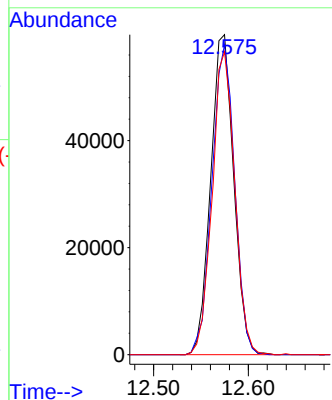


#62
4-Bromofluorobenzene
Concen: 53.914 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

Instrument :
MSVOA_D
ClientSampleId :

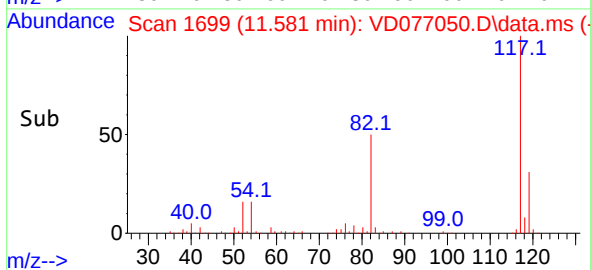
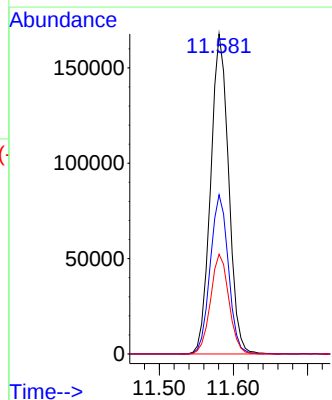
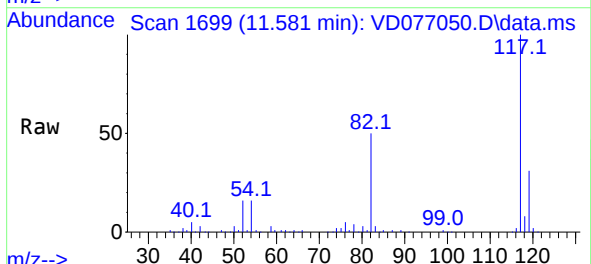


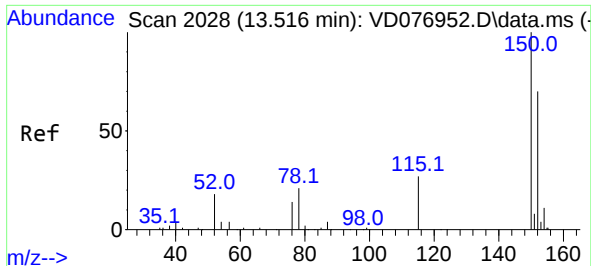
Tgt Ion: 95 Resp: 101061
Ion Ratio Lower Upper
95 100
174 95.6 0.0 201.8
176 92.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

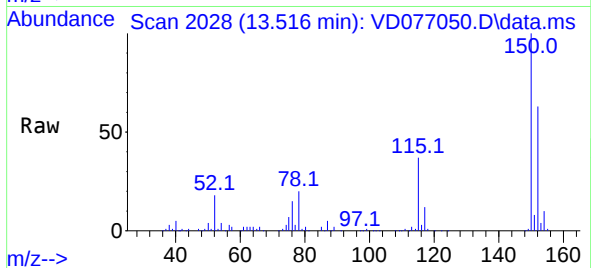
Tgt Ion: 117 Resp: 282759
Ion Ratio Lower Upper
117 100
82 49.8 38.3 57.5
119 31.2 25.0 37.4



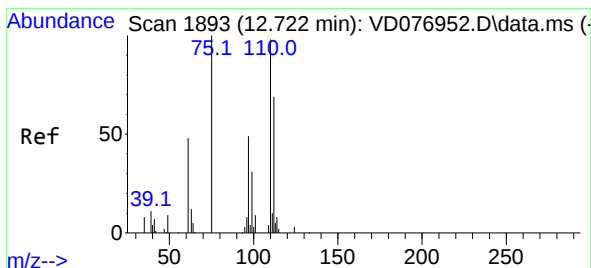
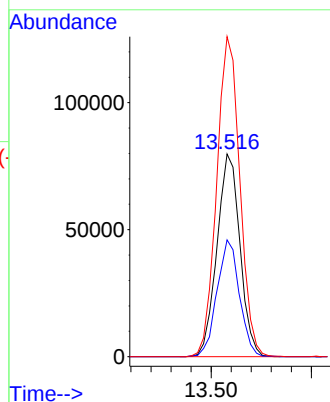
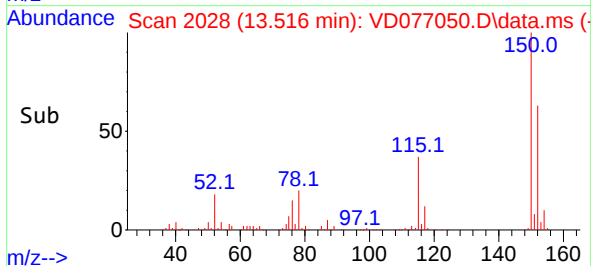


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

Instrument :
MSVOA_D
ClientSampleId :

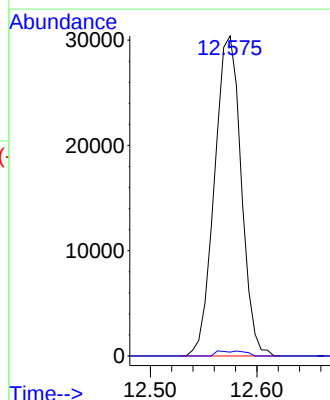
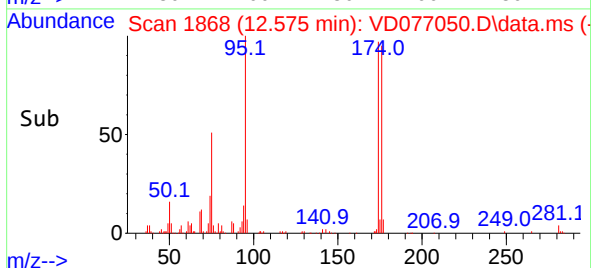
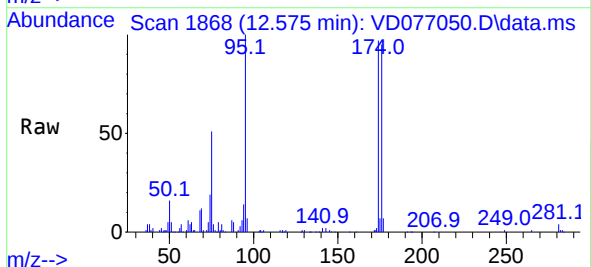


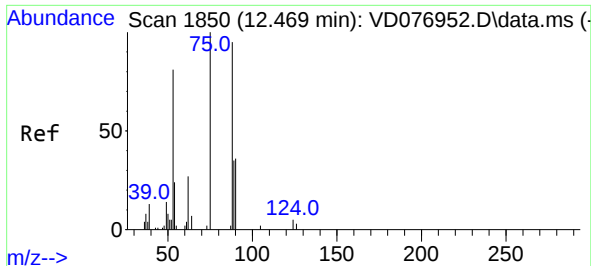
Tgt Ion:152 Resp: 126905
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 159.1 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 43.177 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077050.D
Acq: 28 Aug 2023 19:21

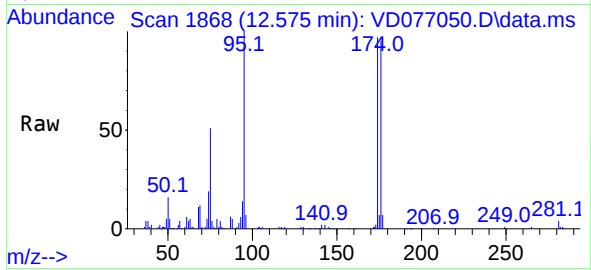
Tgt Ion: 75 Resp: 52850
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.248 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077050.D
 Acq: 28 Aug 2023 19:21

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	52850
Ion	Ratio	Lower	Upper
75	100		
53	0.2	63.0	94.4#
89	0.0	37.9	56.9#

