

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077056.D
 Acq On : 29 Aug 2023 12:32
 Operator : JC/SY
 Sample : VD0829SBL02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 20:58:29 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)

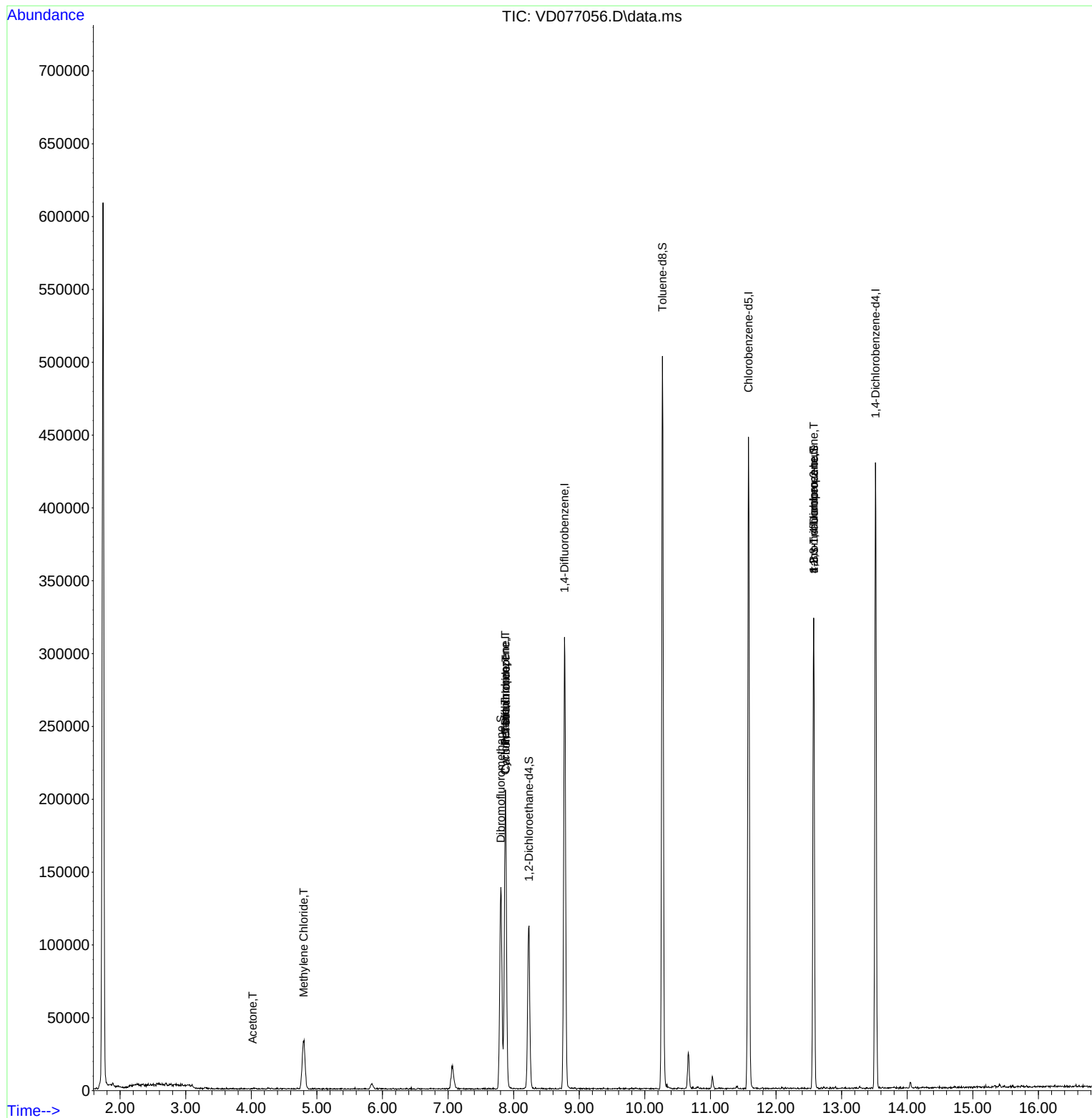
Internal Standards						
1) Pentafluorobenzene	7.875	168	159999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	290642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	273333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	86445	54.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.804	113	100440	51.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.460%	
50) Toluene-d8	10.269	98	357885	50.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.575	95	96934	46.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	148	Below Cal	#	41
16) Acetone	4.022	43	835	2.325	ug/l #	83
20) Methylene Chloride	4.799	84	28615	9.556	ug/l #	87
31) Cyclohexane	7.869	56	3590	1.426	ug/l #	31
36) 1,1-Dichloropropene	7.875	75	12471	4.509	ug/l #	47
38) Carbon Tetrachloride	7.881	117	15773	5.640	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	49026	42.341	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	49026	98.307	ug/l #	17

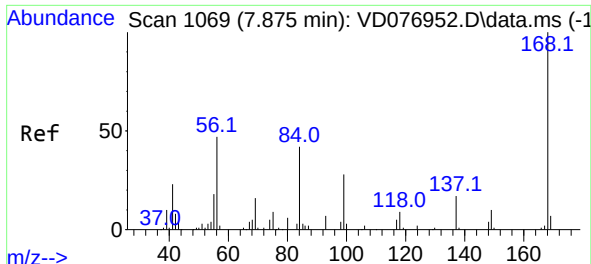
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

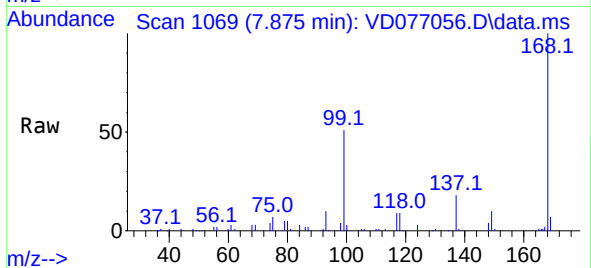
Quant Time: Aug 29 20:58:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



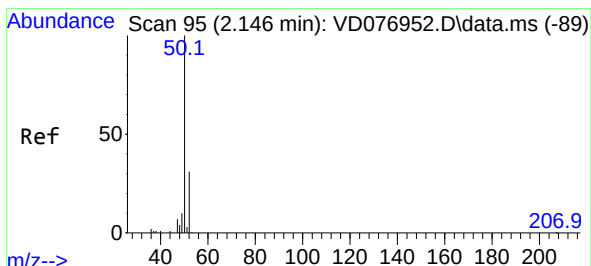
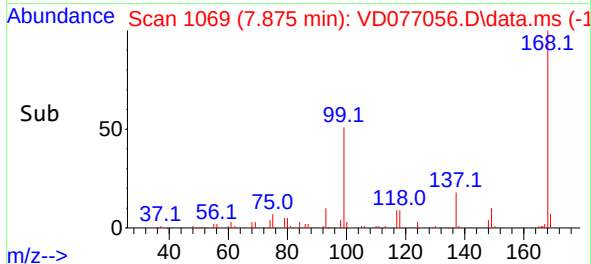
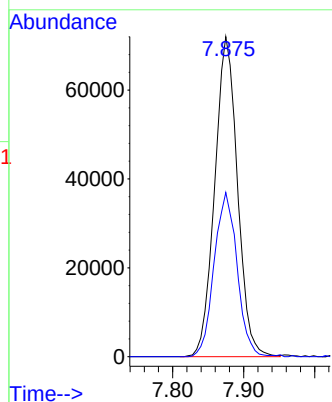


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :

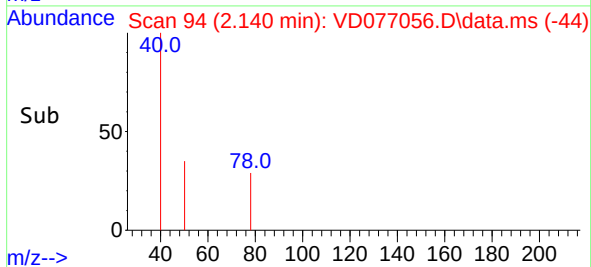
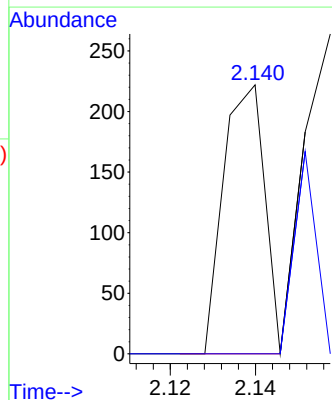
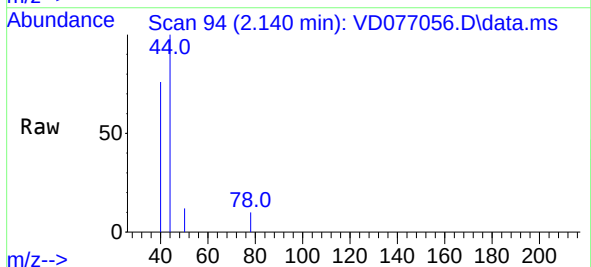


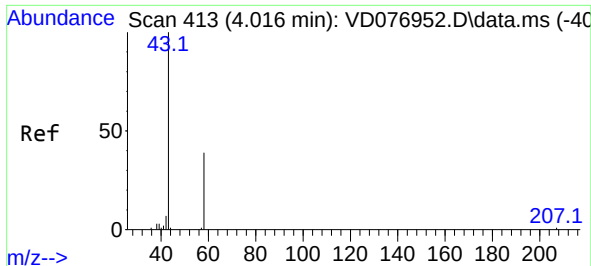
Tgt Ion:168 Resp: 159999
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Tgt Ion: 50 Resp: 148
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

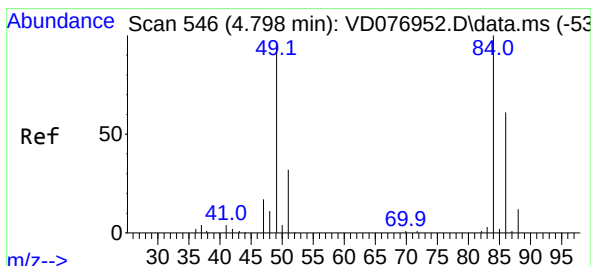
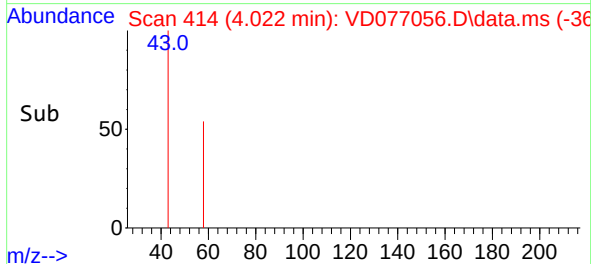
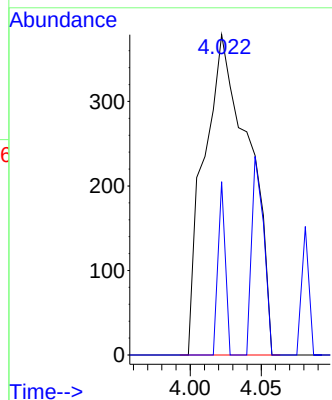
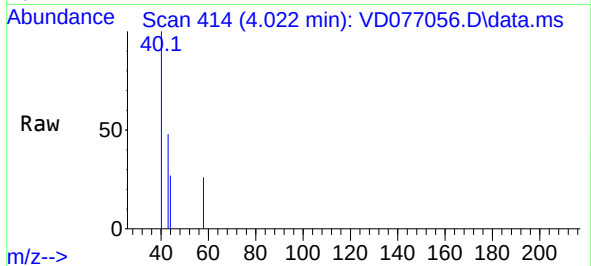




#16
Acetone
Concen: 2.325 ug/l
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

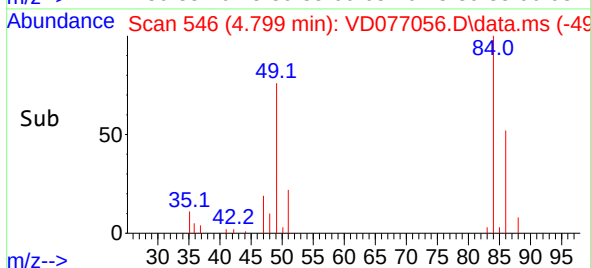
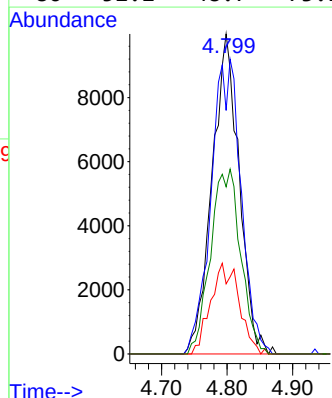
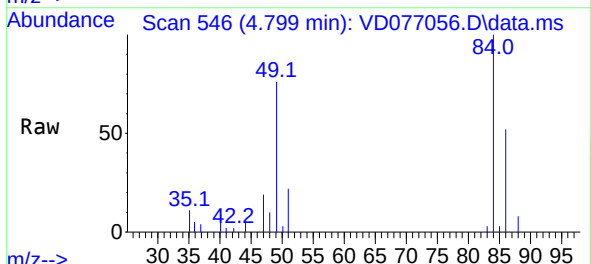
Instrument :
MSVOA_D
ClientSampleId :

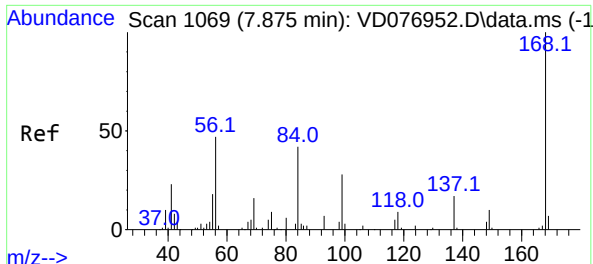
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 54.1 34.7 52.1#



#20
Methylene Chloride
Concen: 9.556 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

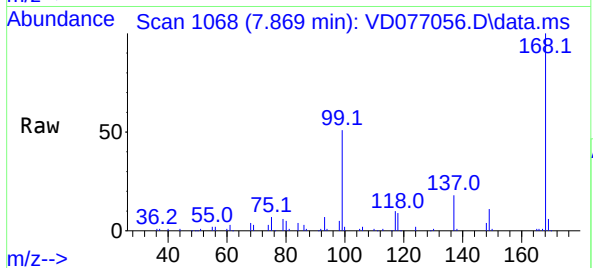
Tgt Ion: 84 Resp: 28615
Ion Ratio Lower Upper
84 100
49 76.1 71.4 107.2
51 21.9 24.5 36.7#
86 52.2 48.7 73.1



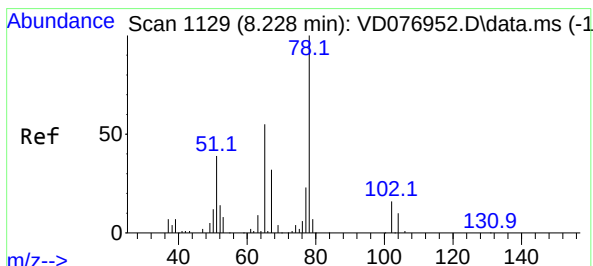
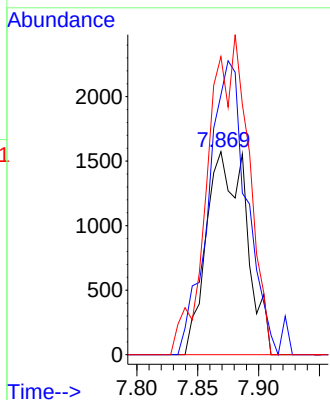
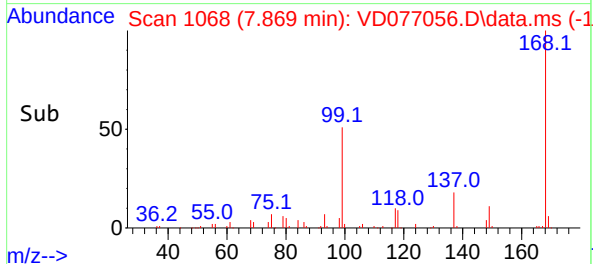


#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.869 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :

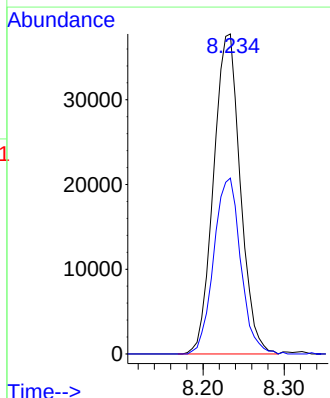
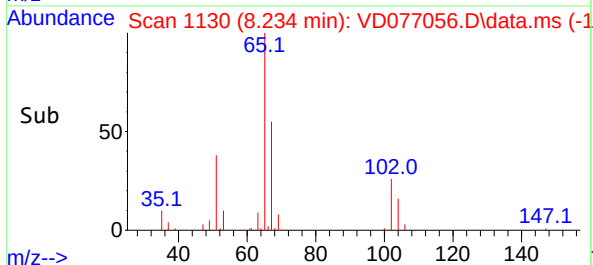
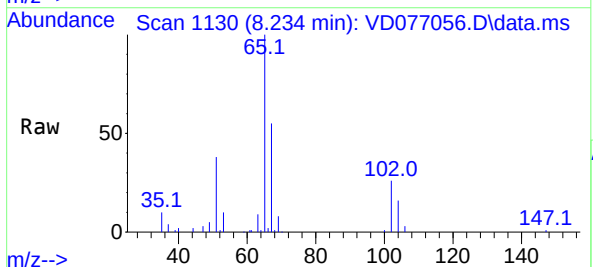


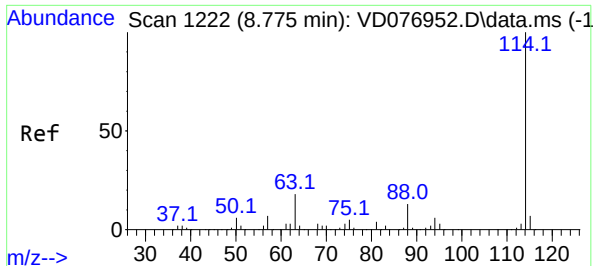
Tgt Ion: 56 Resp: 3590
Ion Ratio Lower Upper
56 100
69 127.9 28.6 43.0#
84 146.8 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 54.876 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

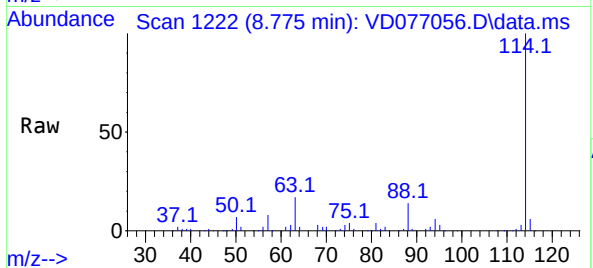
Tgt Ion: 65 Resp: 86445
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0



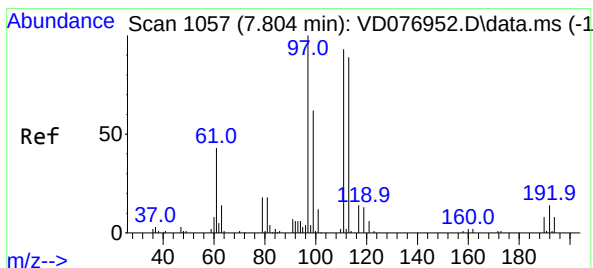
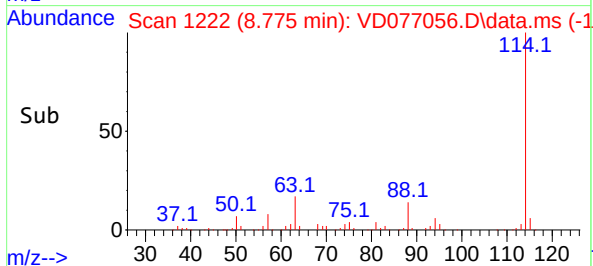
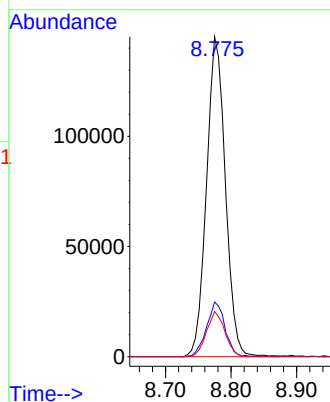


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :

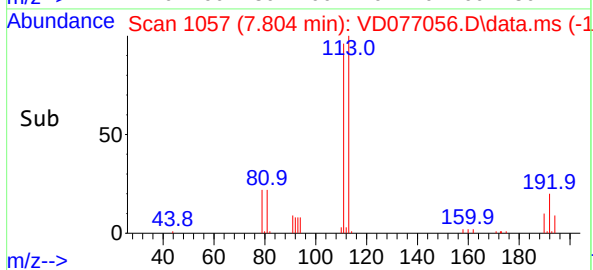
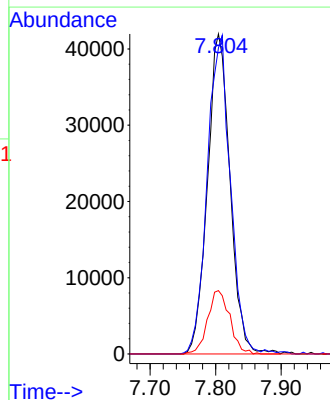
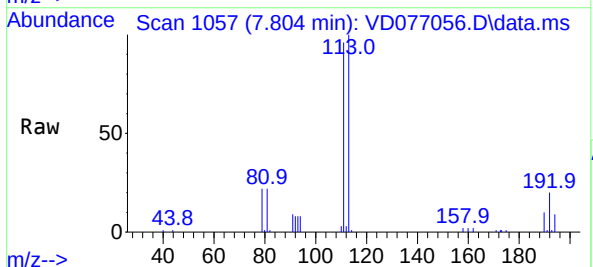


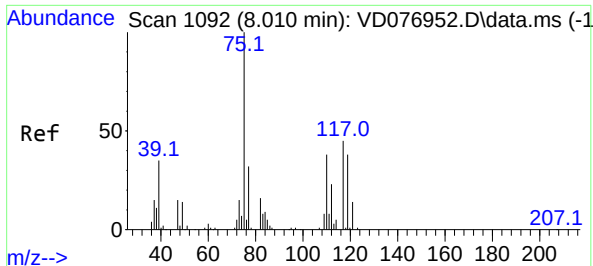
Tgt Ion:114 Resp: 290642
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.4
88 14.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 51.728 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Tgt Ion:113 Resp: 100440
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 19.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.509 ug/l

RT: 7.875 min Scan# 1070

Delta R.T. -0.135 min

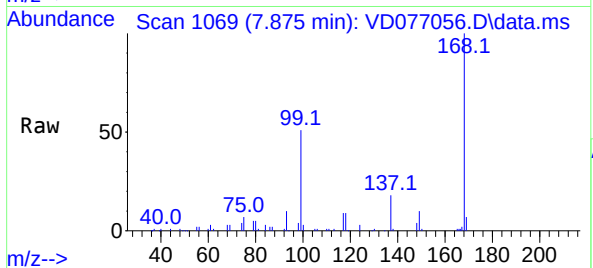
Lab File: VD077056.D

Acq: 29 Aug 2023 12:32

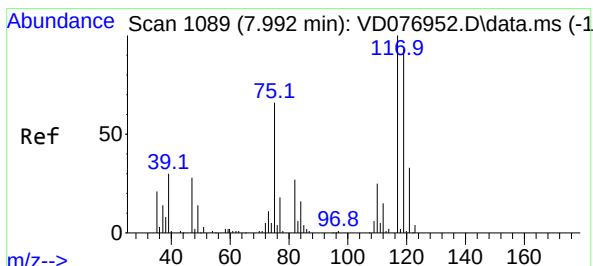
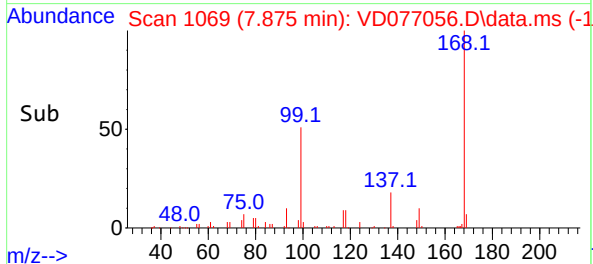
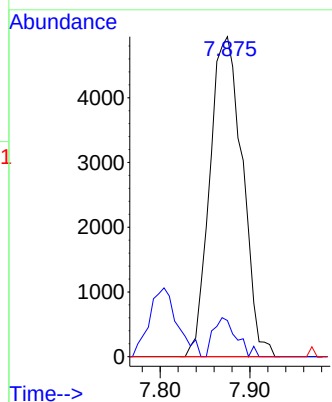
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	12471
Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.640 ug/l

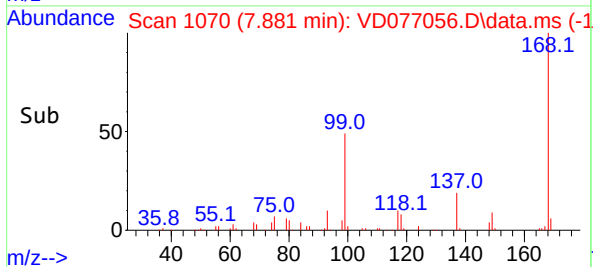
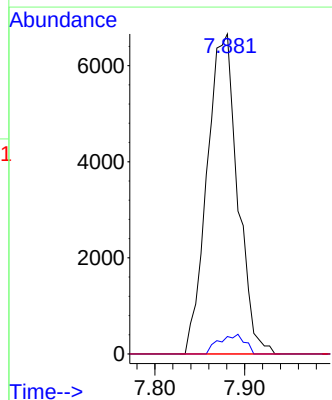
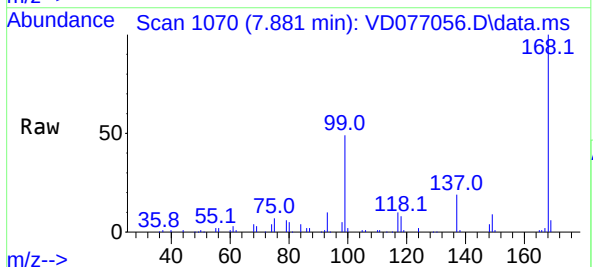
RT: 7.881 min Scan# 1070

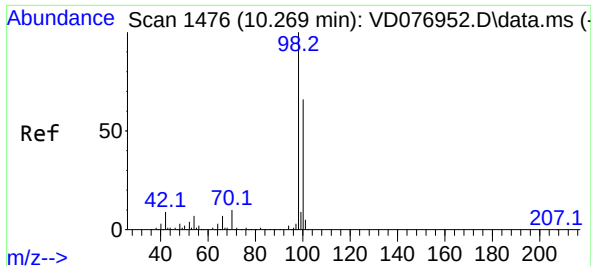
Delta R.T. -0.111 min

Lab File: VD077056.D

Acq: 29 Aug 2023 12:32

Tgt Ion:	117	Resp:	15773
Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.0	117.0#
121	0.0	24.2	36.2#

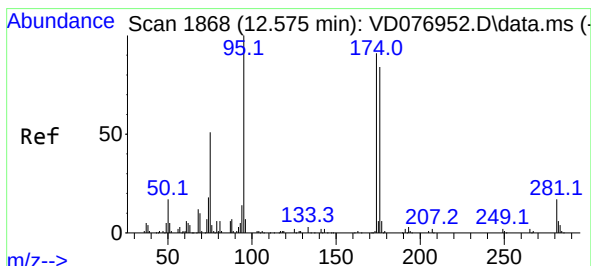
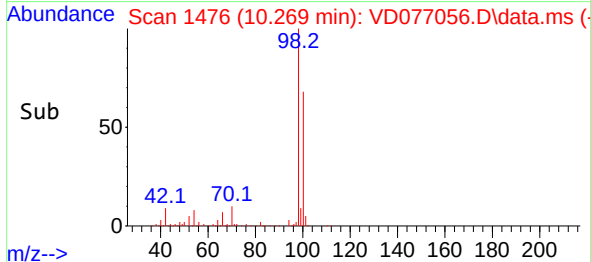
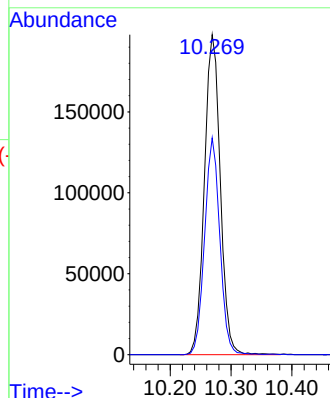
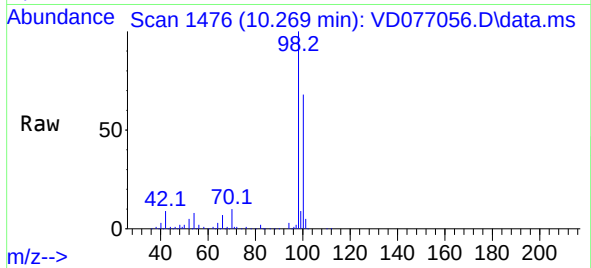




#50
Toluene-d8
Concen: 50.948 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

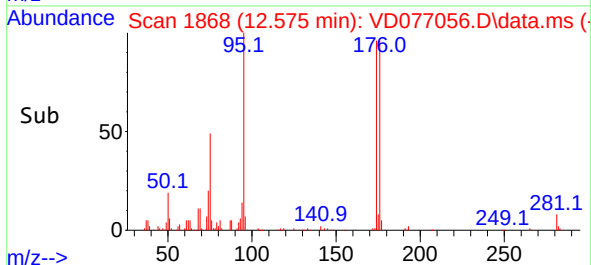
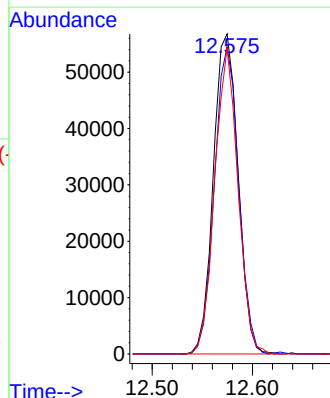
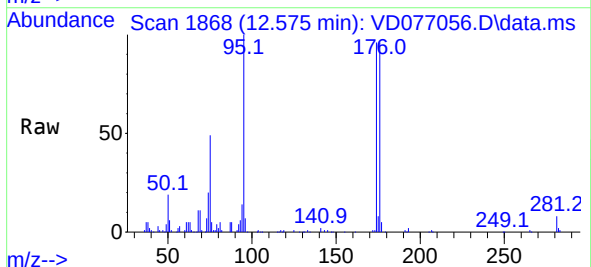
Instrument :
MSVOA_D
ClientSampleId :

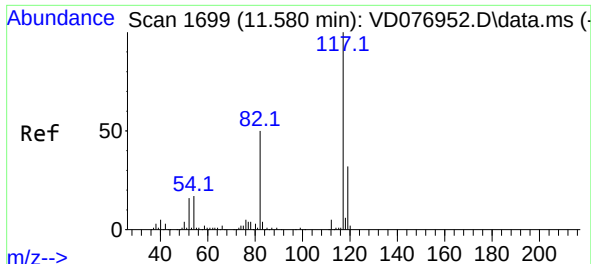
Tgt Ion: 98 Resp: 357885
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.804 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

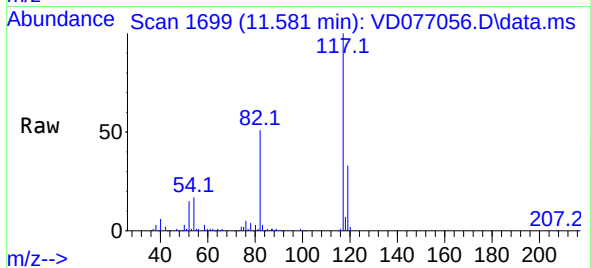
Tgt Ion: 95 Resp: 96934
Ion Ratio Lower Upper
95 100
174 93.7 0.0 201.8
176 89.9 0.0 191.8



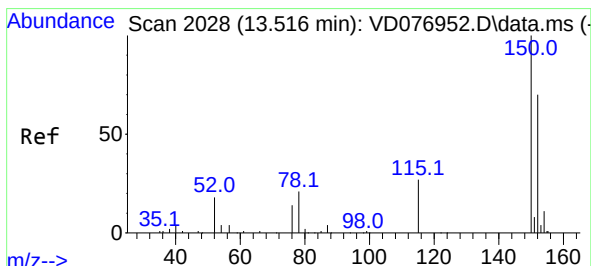
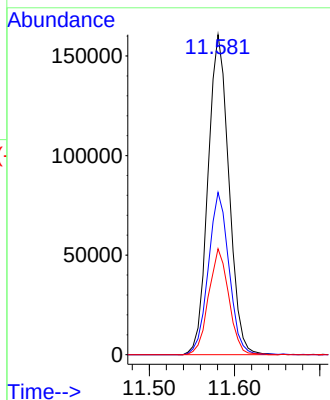
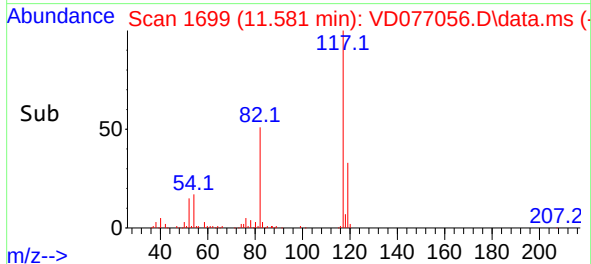


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :

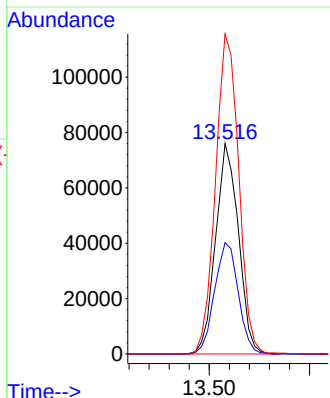
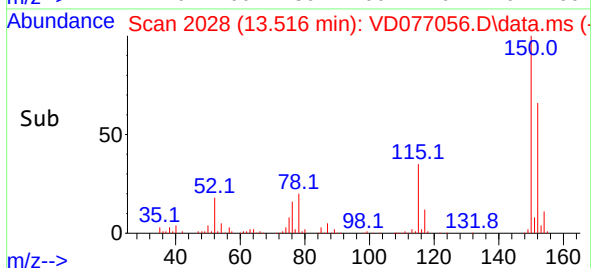
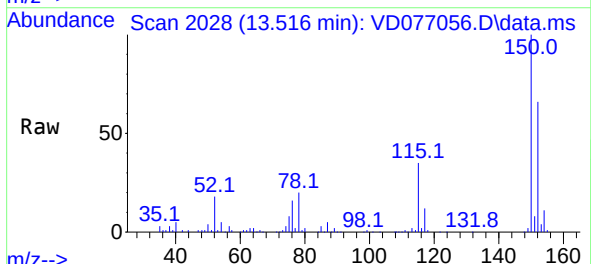


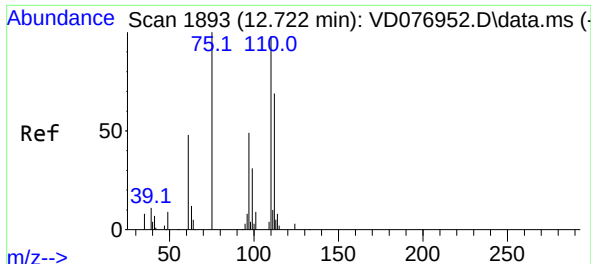
Tgt Ion:117 Resp: 273333
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 33.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Tgt Ion:152 Resp: 120048
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 154.9 0.0 353.6

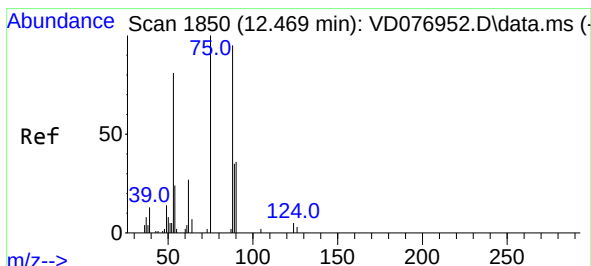
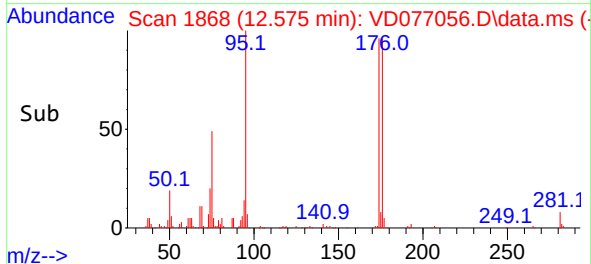
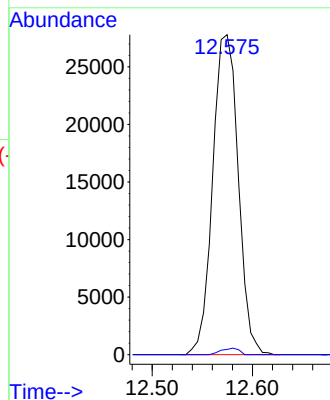
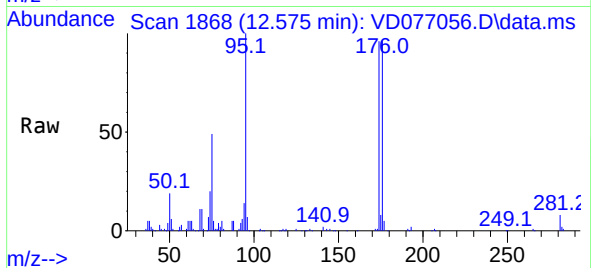




#76
1,2,3-Trichloropropane
Concen: 42.341 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 49026
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.307 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077056.D
Acq: 29 Aug 2023 12:32

Tgt Ion: 75 Resp: 49026
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

