

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076903.D
 Acq On : 02 Aug 2023 17:37
 Operator : KP/SY
 Sample : 03860-04
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Aug 03 01:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

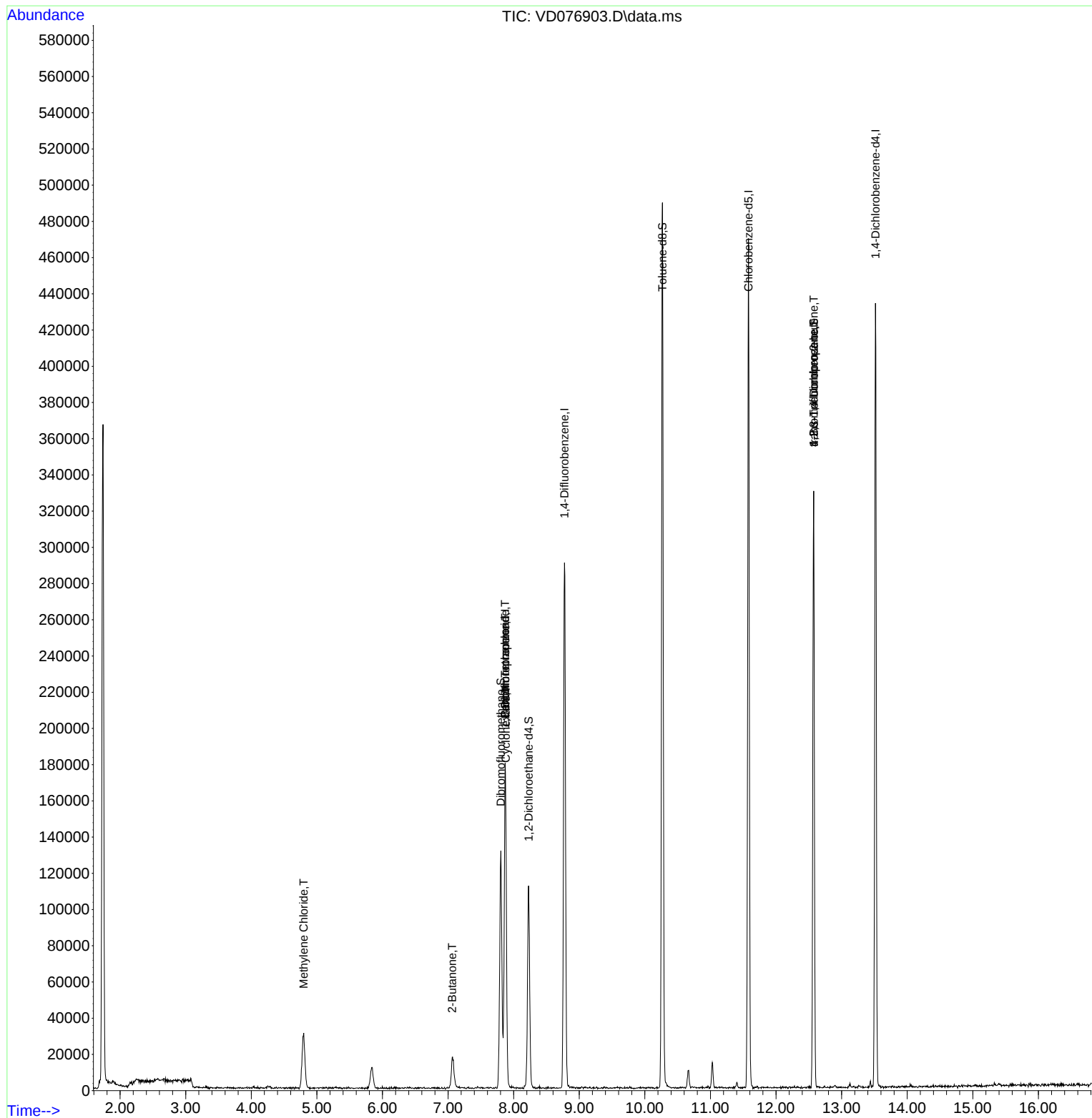
Internal Standards						
1) Pentafluorobenzene	7.869	168	135743	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	277885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	273529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83677	61.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.780%	
35) Dibromofluoromethane	7.805	113	92165	52.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.560%	
50) Toluene-d8	10.269	98	344267	55.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.220%	
62) 4-Bromofluorobenzene	12.575	95	100510	49.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.480%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.799	84	23038	2.119	ug/l	# 78
25) 2-Butanone	7.063	43	719	1.664	ug/l	97
31) Cyclohexane	7.881	56	2973	1.494	ug/l	# 37
36) 1,1-Dichloropropene	7.875	75	11175	4.897	ug/l	# 52
38) Carbon Tetrachloride	7.869	117	14258	6.526	ug/l	# 15
76) 1,2,3-Trichloropropane	12.575	75	53820	47.358	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	53820	100.791	ug/l	# 17

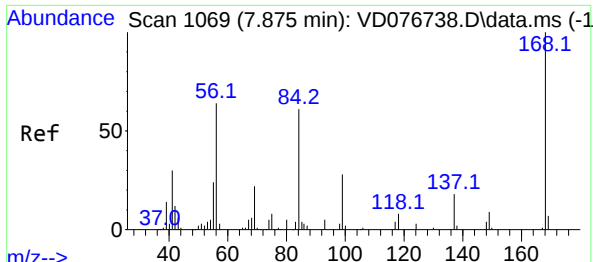
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
Data File : VD076903.D
Acq On : 02 Aug 2023 17:37
Operator : KP/SY
Sample : 03860-04
Misc : 5.05G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-1A

Quant Time: Aug 03 01:25:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

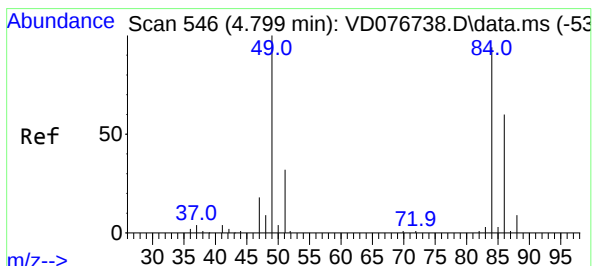
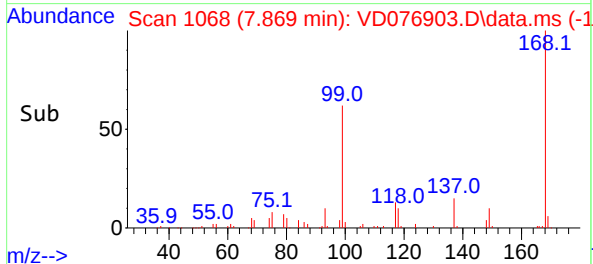
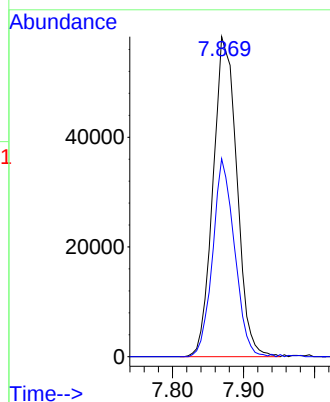
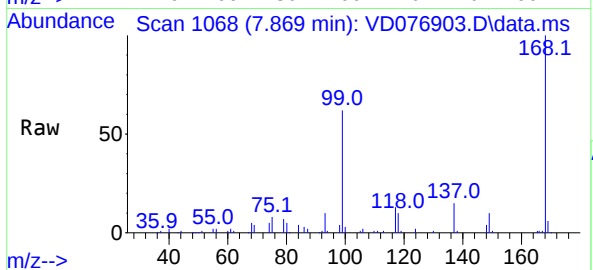




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

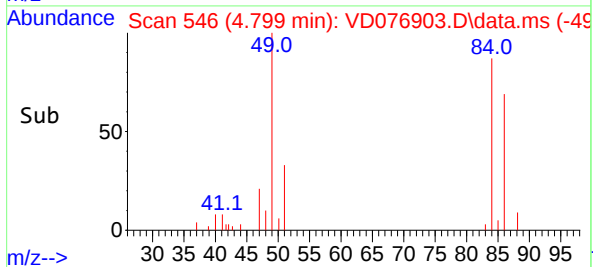
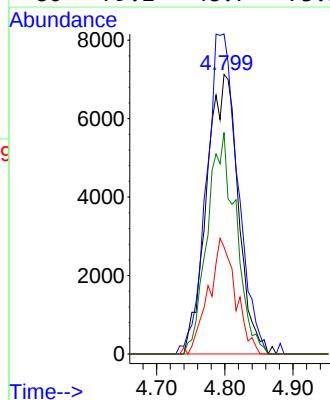
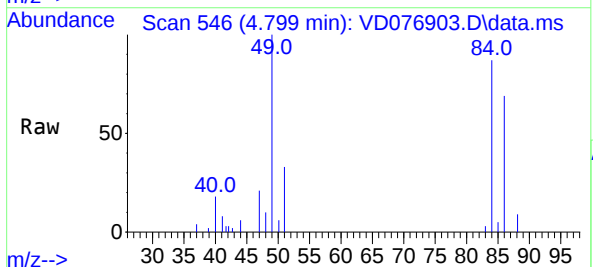
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

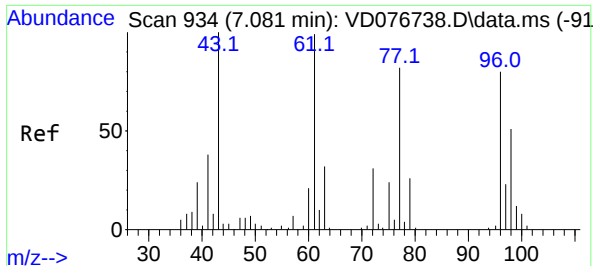
Tgt Ion:168 Resp: 135743
Ion Ratio Lower Upper
168 100
99 61.9 36.7 55.1#



#20
Methylene Chloride
Concen: 2.119 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Tgt Ion: 84 Resp: 23038
Ion Ratio Lower Upper
84 100
49 111.6 71.4 107.2#
51 38.3 24.5 36.7#
86 79.2 48.7 73.1#

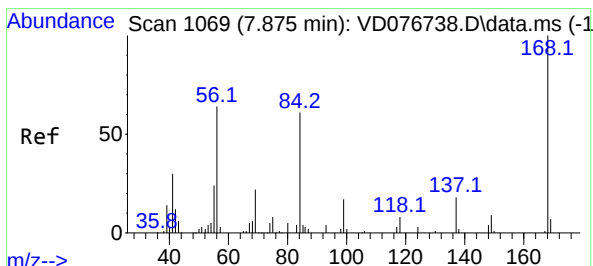
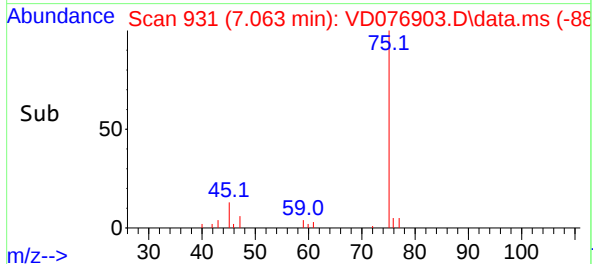
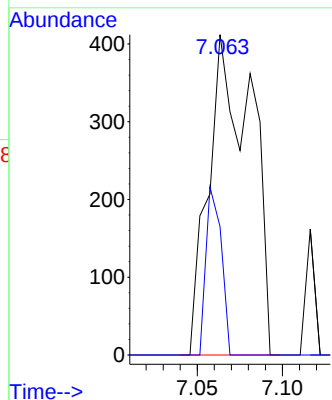
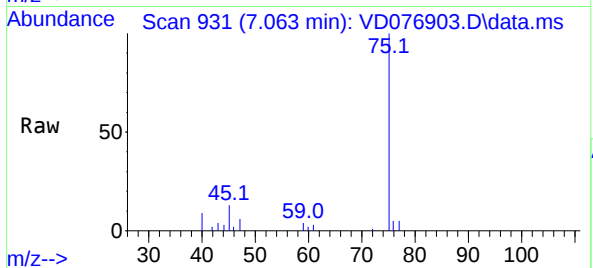




#25
2-Butanone
Concen: 1.664 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

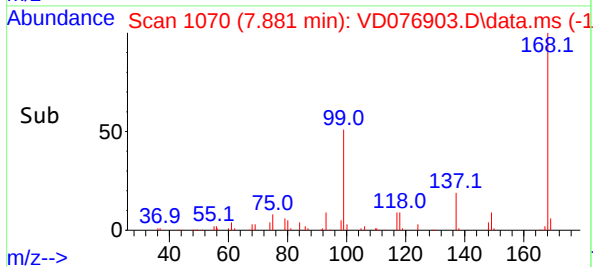
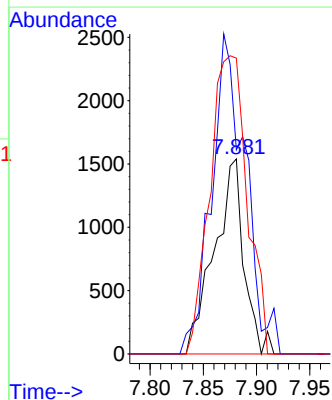
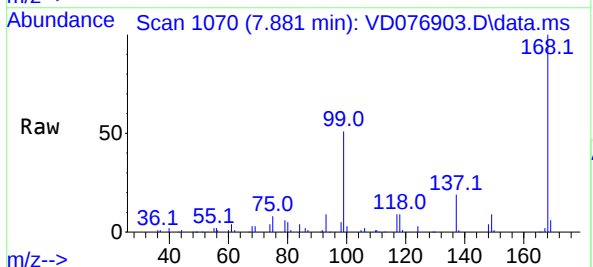
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

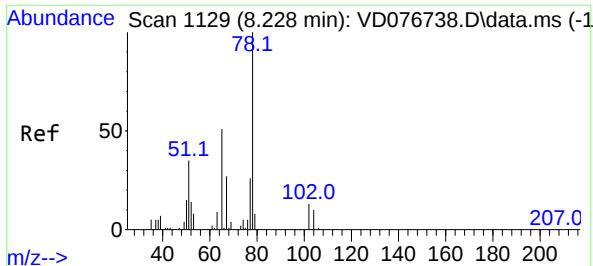
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
72 40.0 30.7 46.1



#31
Cyclohexane
Concen: 1.494 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Tgt Ion: 56 Resp: 2973
Ion Ratio Lower Upper
56 100
69 104.7 28.6 43.0#
84 151.7 84.8 127.2#

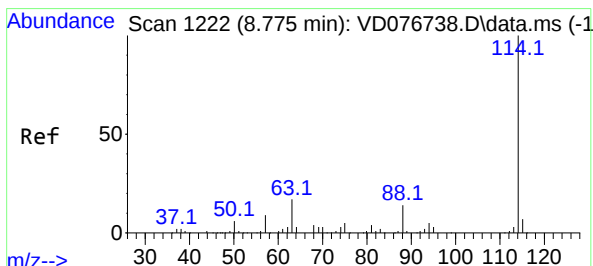
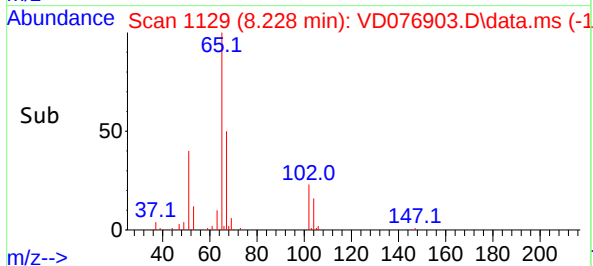
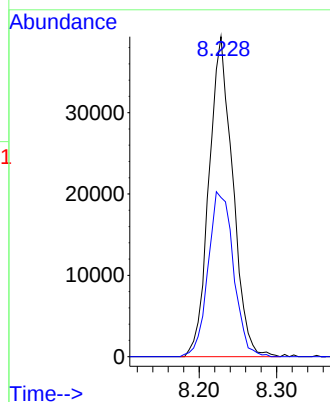
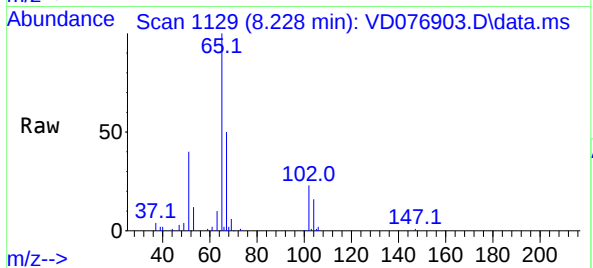




#33
1,2-Dichloroethane-d4
Concen: 61.889 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

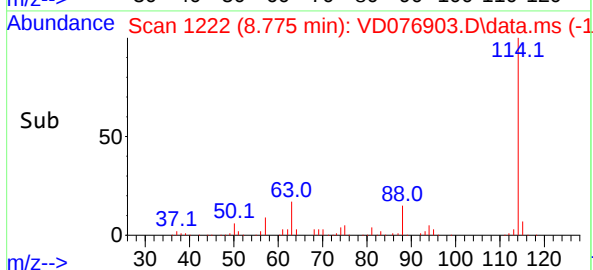
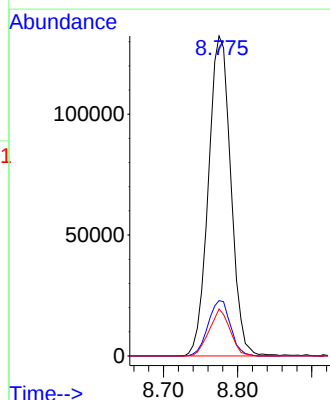
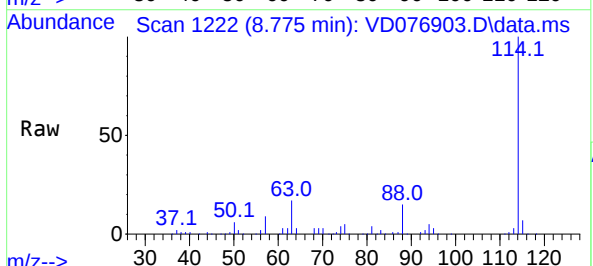
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

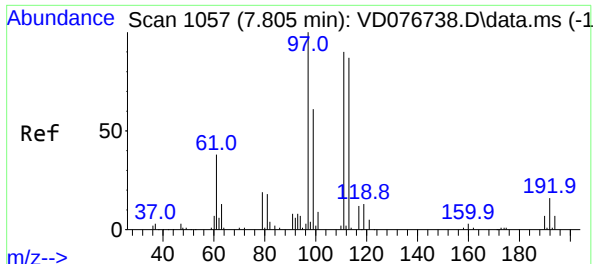
Tgt Ion: 65 Resp: 83677
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Tgt Ion: 114 Resp: 277885
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 14.7 0.0 26.2

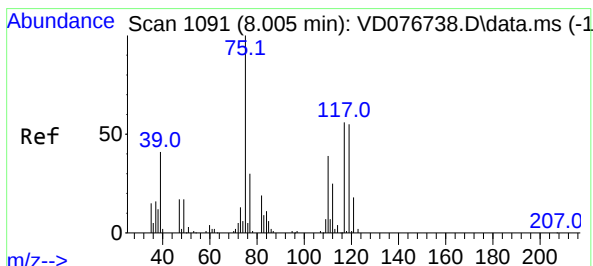
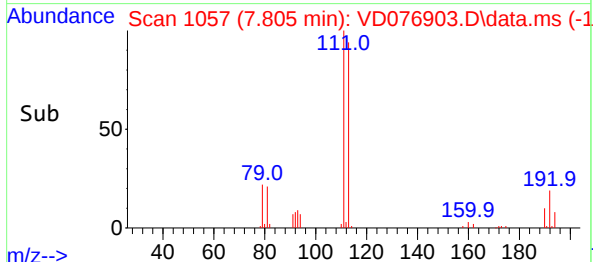
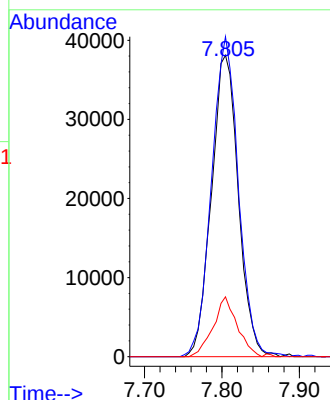
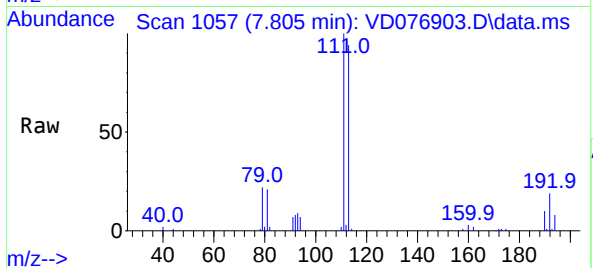




#35
Dibromofluoromethane
Concen: 52.779 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

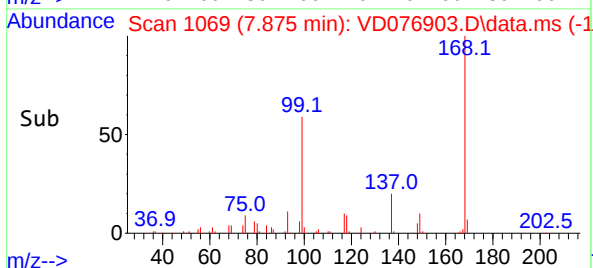
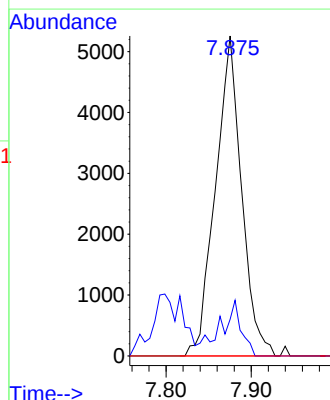
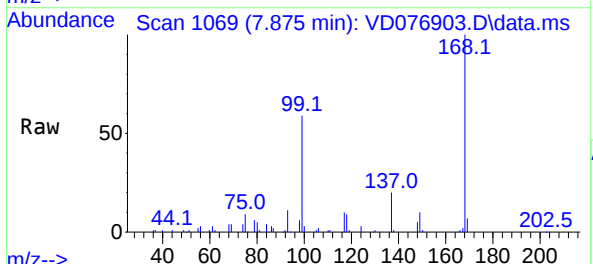
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

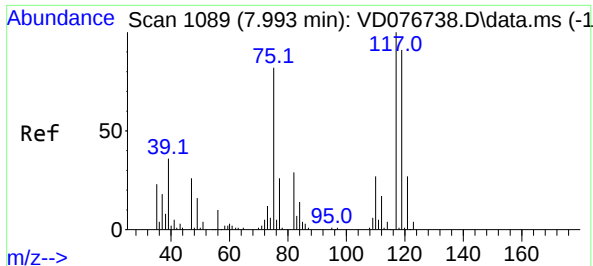
Tgt Ion:	113	Resp:	92165
Ion	Ratio	Lower	Upper
113	100		
111	105.8	84.7	127.1
192	17.7	16.8	25.2



#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

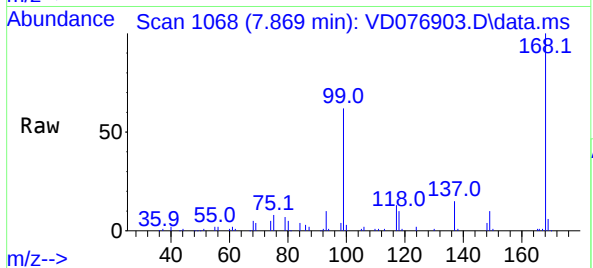
Tgt Ion:	75	Resp:	11175
Ion	Ratio	Lower	Upper
75	100		
110	13.6	19.9	59.6#
77	0.0	24.7	37.1#



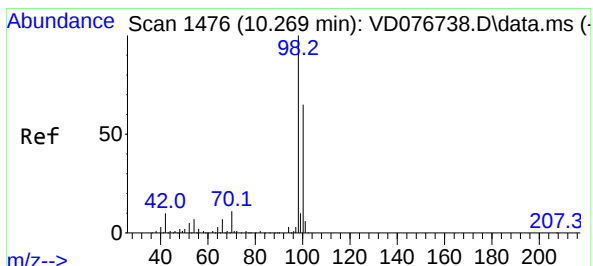
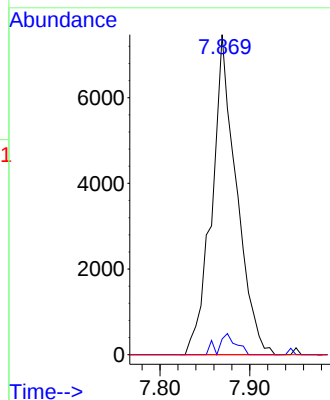
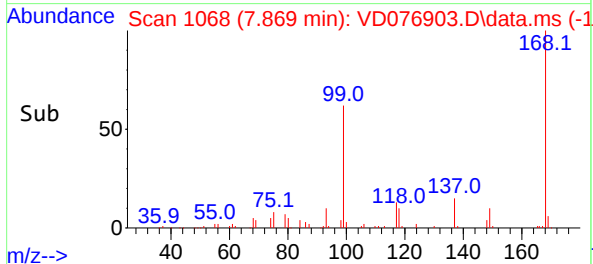


#38
Carbon Tetrachloride
Concen: 6.526 ug/l
RT: 7.869 min Scan# 1089
Delta R.T. -0.124 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :
SP-1A

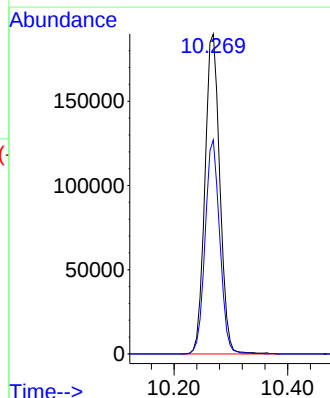
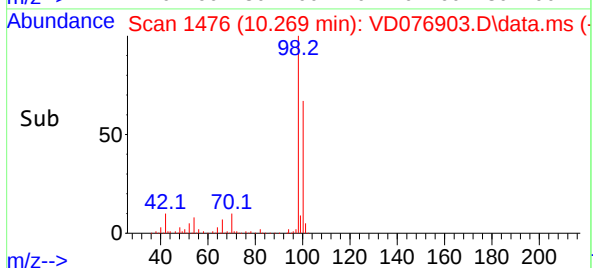
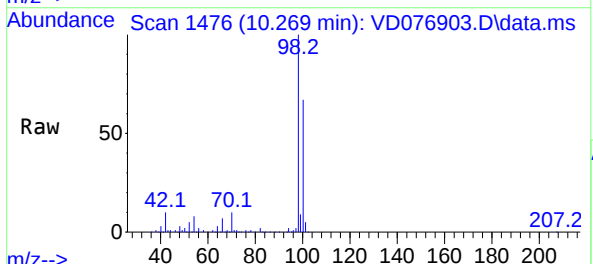


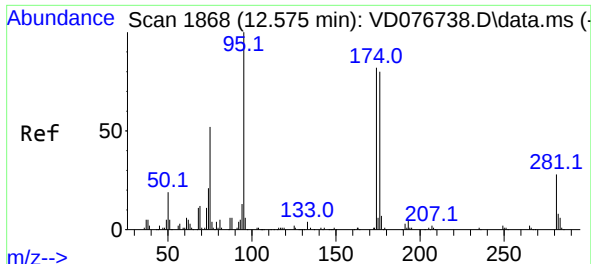
Tgt Ion:117 Resp: 14258
Ion Ratio Lower Upper
117 100
119 4.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.109 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Tgt Ion: 98 Resp: 344267
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5

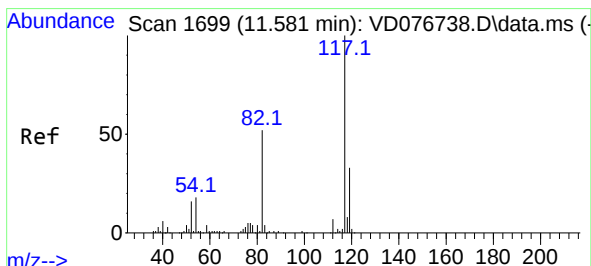
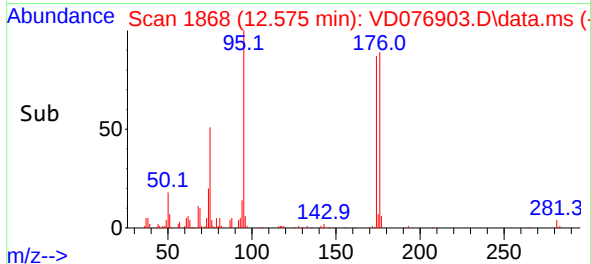
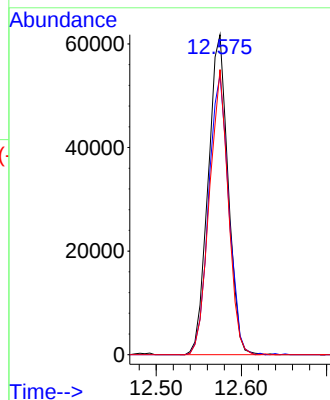
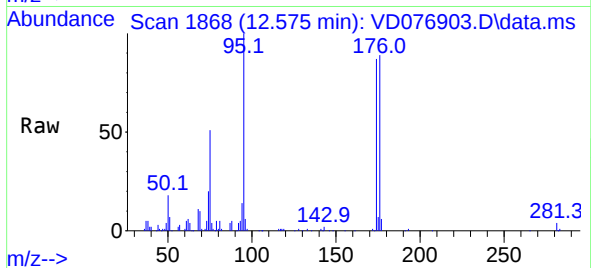




#62
4-Bromofluorobenzene
Concen: 49.735 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

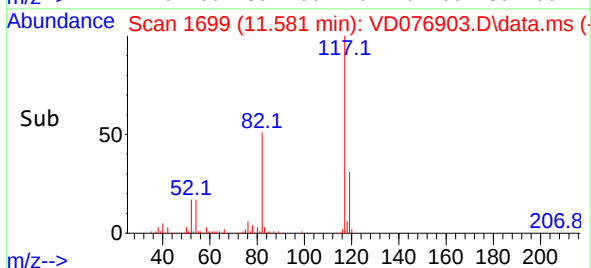
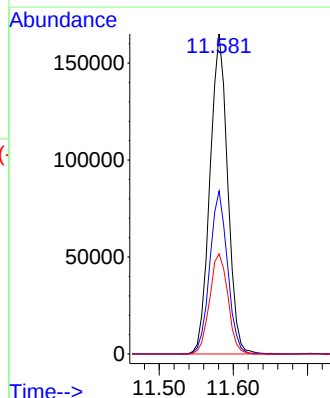
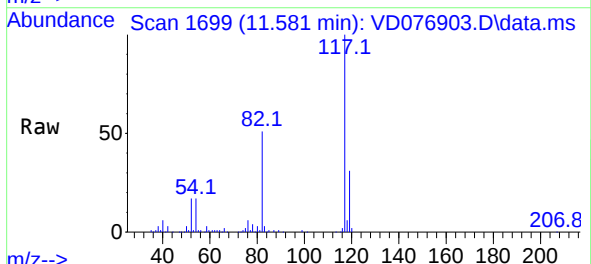
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

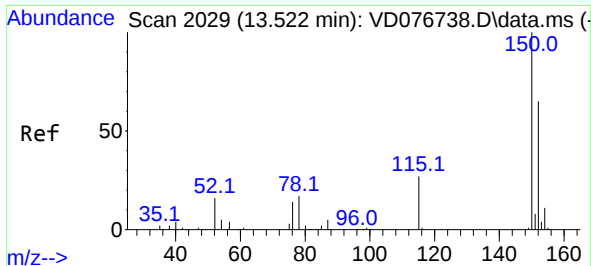
Tgt Ion: 95 Resp: 100510
Ion Ratio Lower Upper
95 100
174 88.0 0.0 201.8
176 83.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

Tgt Ion: 117 Resp: 273529
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 31.2 25.0 37.4

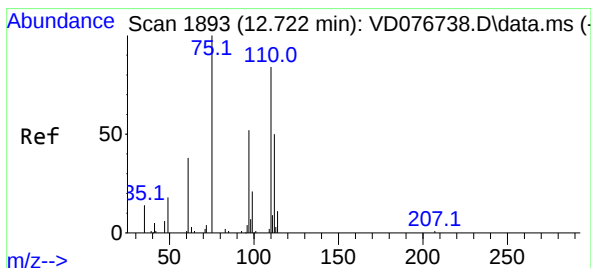
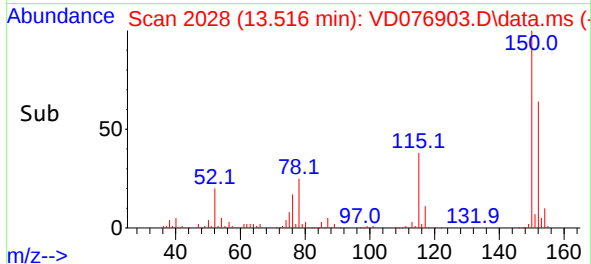
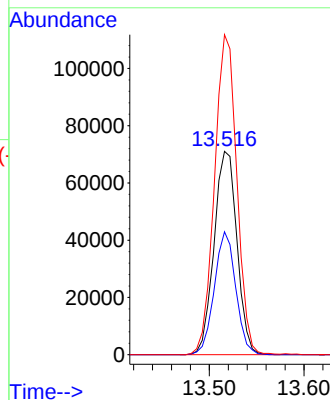
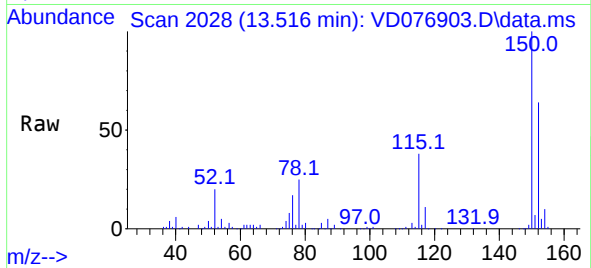




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

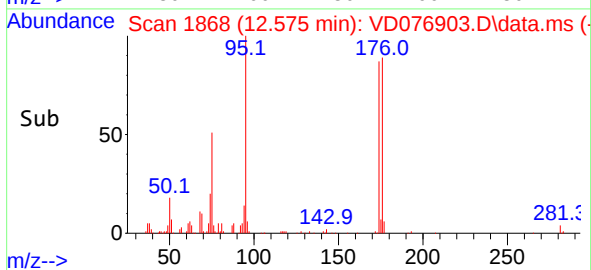
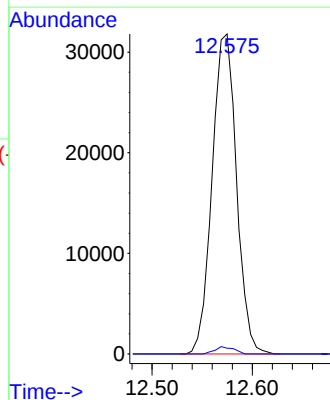
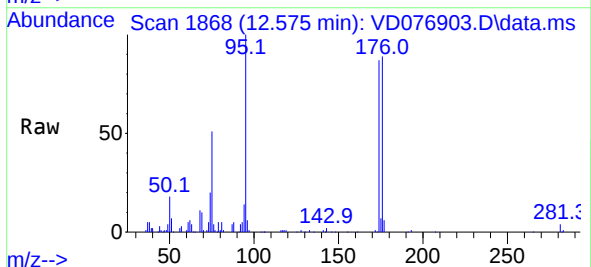
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

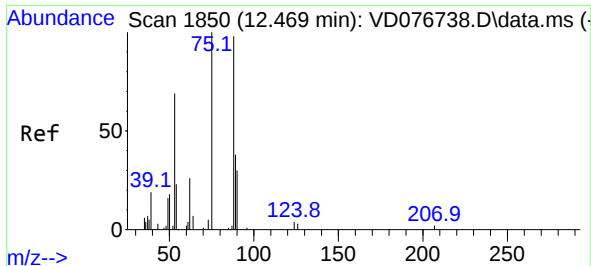
Tgt Ion:152 Resp: 119501
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 153.4 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 47.358 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076903.D
Acq: 02 Aug 2023 17:37

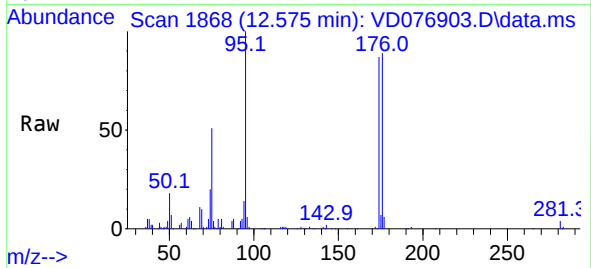
Tgt Ion: 75 Resp: 53820
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.791 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076903.D
 Acq: 02 Aug 2023 17:37

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A



Tgt Ion:	75	Resp:	53820
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

