

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076559.D
 Acq On : 23 Jun 2023 15:34
 Operator : KP/SY
 Sample : 03308-06RE
 Misc : 5.74G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-RIGHT

Quant Time: Jun 23 16:33:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

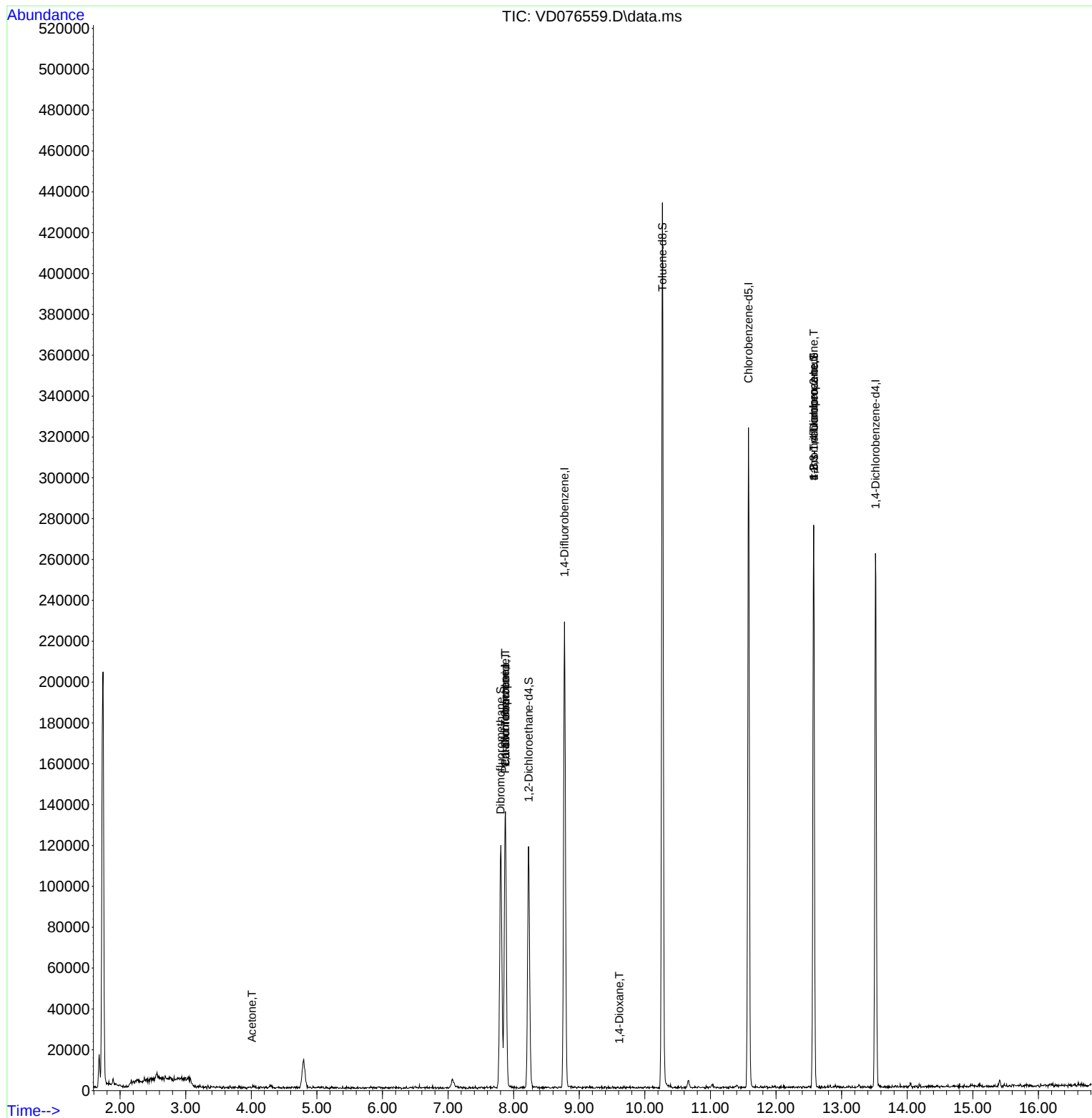
Internal Standards						
1) Pentafluorobenzene	7.869	168	107127	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	195866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	66929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87308	81.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.680%	
35) Dibromofluoromethane	7.799	113	81827	70.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.640%	
50) Toluene-d8	10.269	98	285862	64.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.560%	
62) 4-Bromofluorobenzene	12.575	95	80354	56.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.011	43	419	1.641	ug/l	# 32
20) Methylene Chloride	4.793	84	9363	Below Cal	#	80
28) Bromochloromethane	7.510	49	57	Below Cal	#	1
36) 1,1-Dichloropropene	7.875	75	7873	4.832	ug/l	# 50
38) Carbon Tetrachloride	7.875	117	10684	7.336	ug/l	# 16
49) 1,4-Dioxane	9.610	88	54	6.245	ug/l	# 33
76) 1,2,3-Trichloropropane	12.575	75	43933	66.139	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	43933	144.925	ug/l	# 17

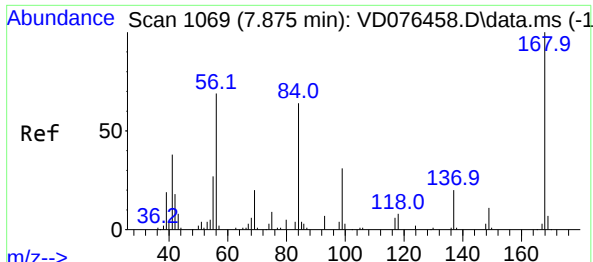
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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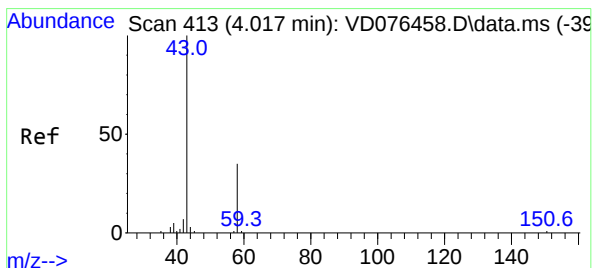
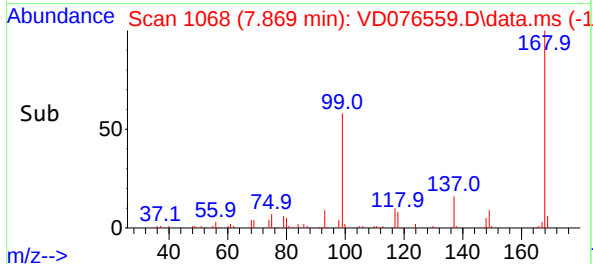
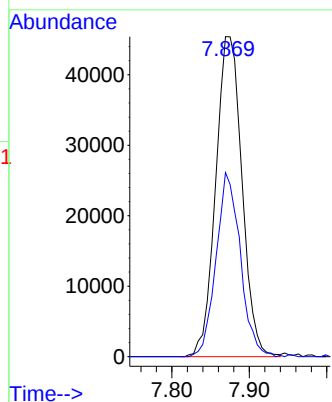
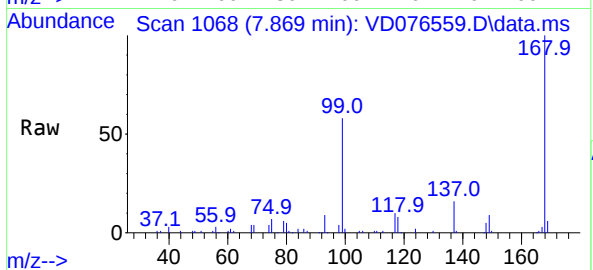




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

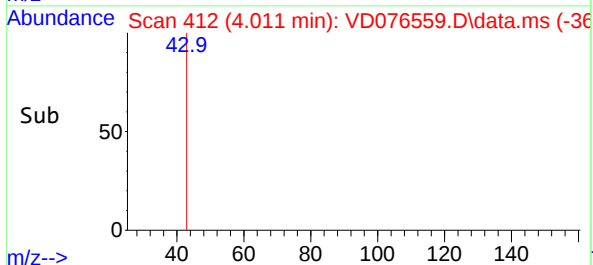
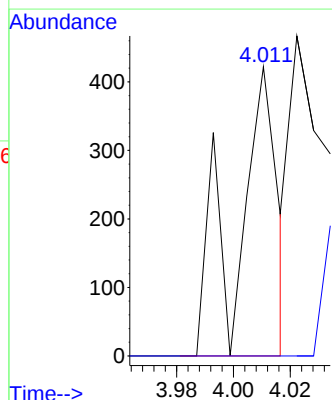
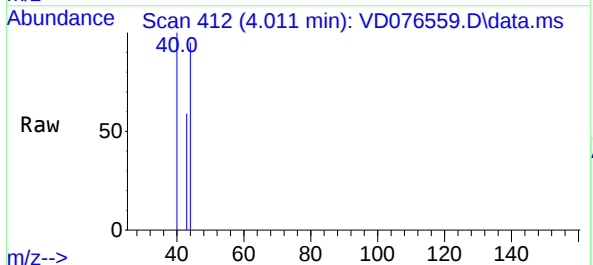
Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

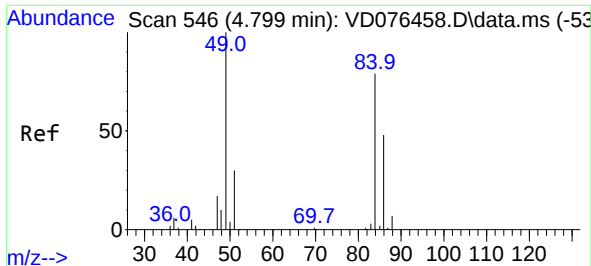
Tgt Ion:168 Resp: 107127
Ion Ratio Lower Upper
168 100
99 57.6 36.7 55.1#



#16
Acetone
Concen: 1.641 ug/l
RT: 4.011 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

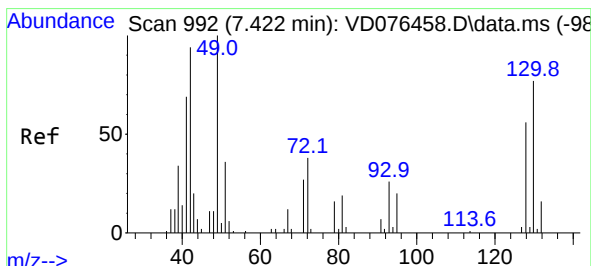
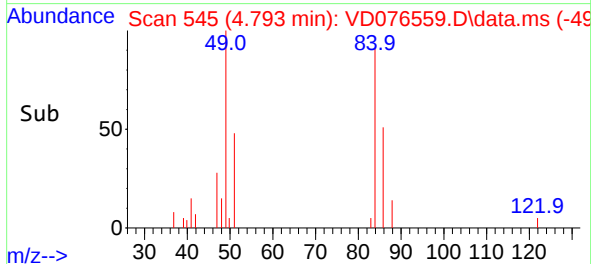
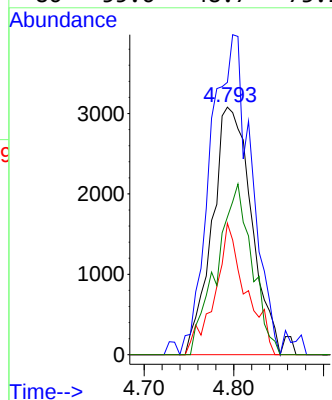
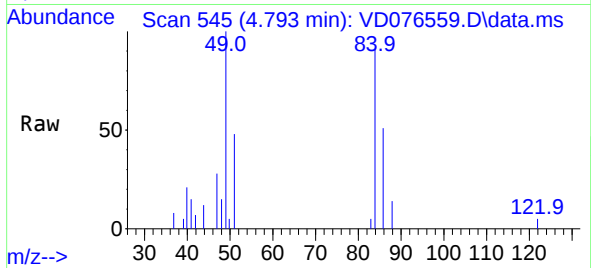




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

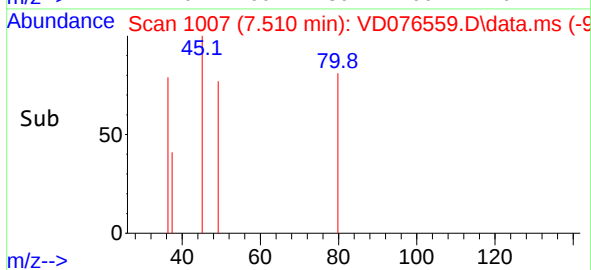
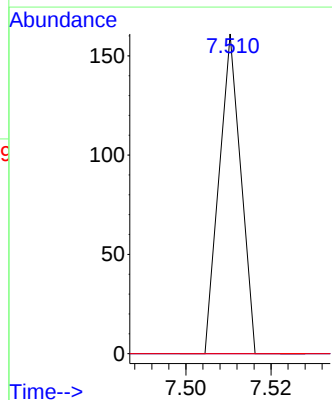
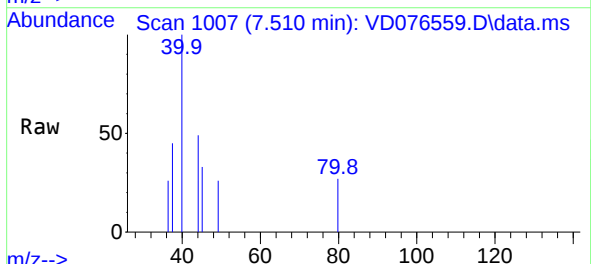
Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

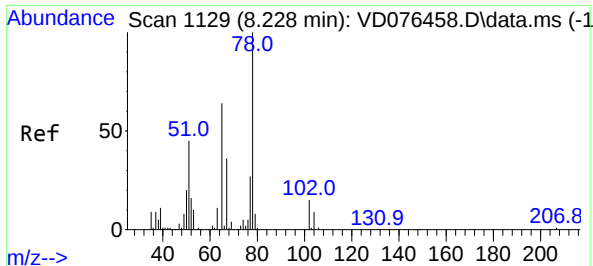
Tgt Ion: 84 Resp: 9363
Ion Ratio Lower Upper
84 100
49 110.0 71.4 107.2#
51 53.1 24.5 36.7#
86 55.6 48.7 73.1



#28
Bromochloromethane
Concen: Below Cal
RT: 7.510 min Scan# 1007
Delta R.T. 0.088 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion: 49 Resp: 57
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#

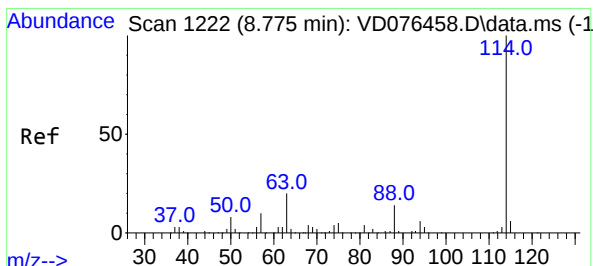
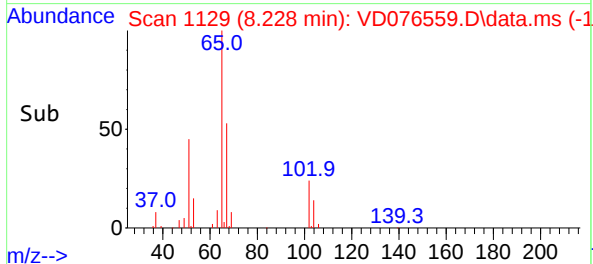
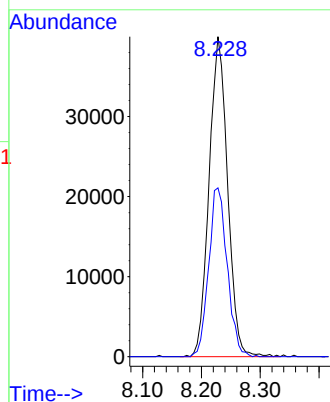
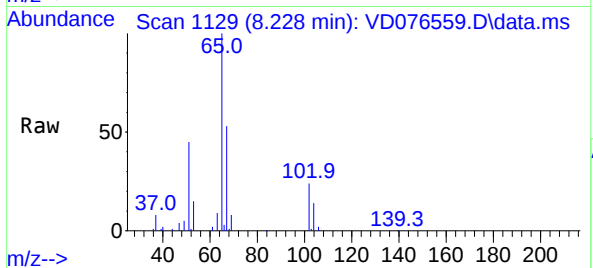




#33
1,2-Dichloroethane-d4
Concen: 81.344 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

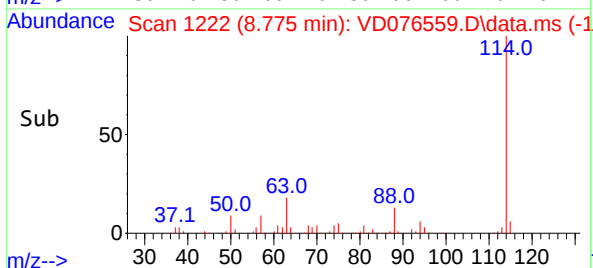
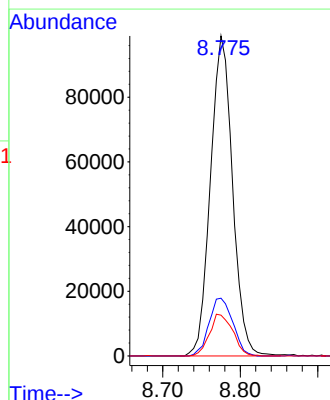
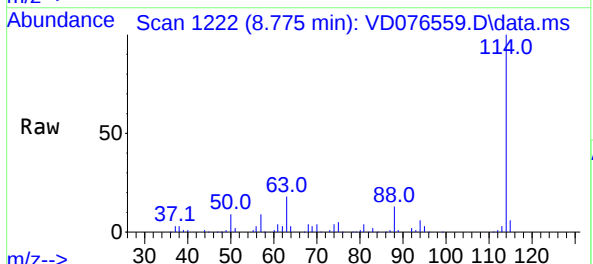
Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

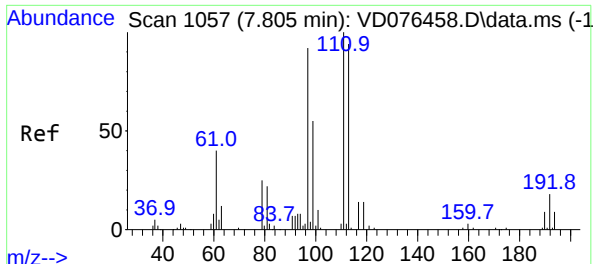
Tgt Ion: 65 Resp: 87308
Ion Ratio Lower Upper
65 100
67 52.9 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion: 114 Resp: 195866
Ion Ratio Lower Upper
114 100
63 18.1 0.0 33.4
88 12.7 0.0 26.2

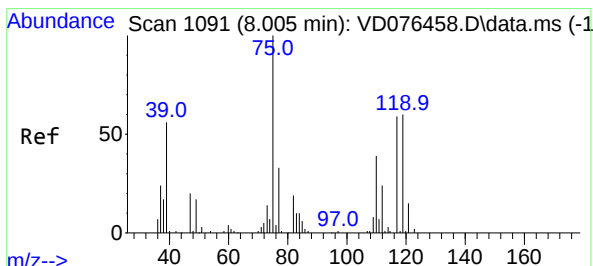
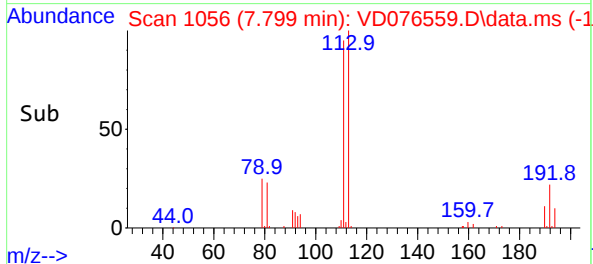
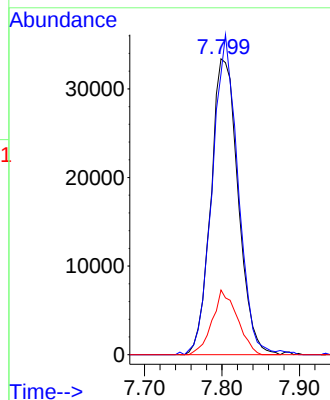
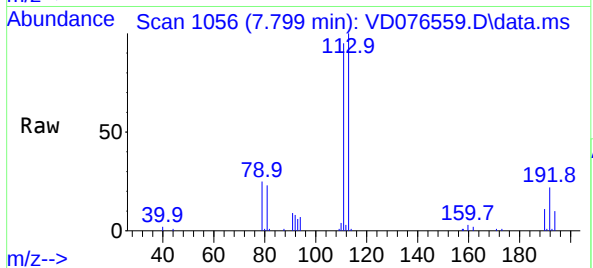




#35
Dibromofluoromethane
Concen: 70.324 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

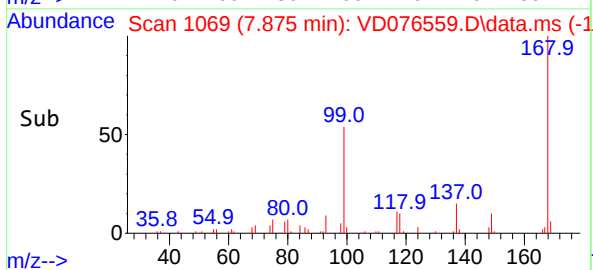
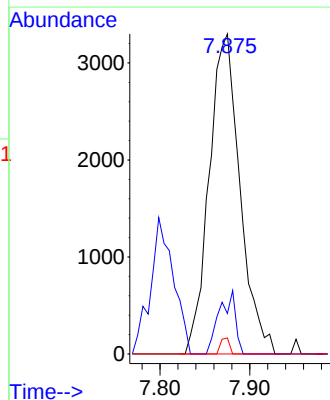
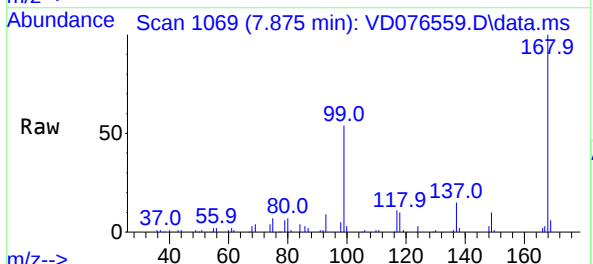
Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

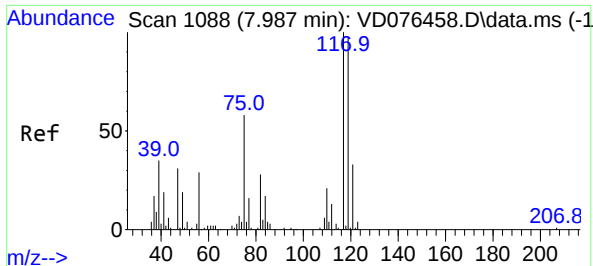
Tgt Ion:113 Resp: 81827
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion: 75 Resp: 7873
Ion Ratio Lower Upper
75 100
110 10.4 19.9 59.6#
77 1.4 24.7 37.1#

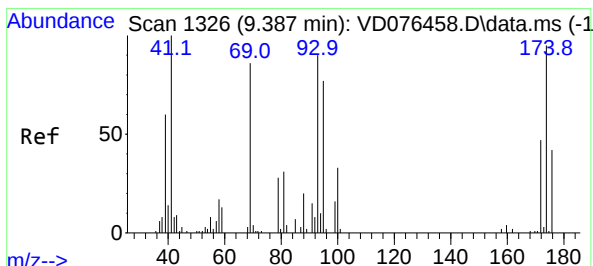
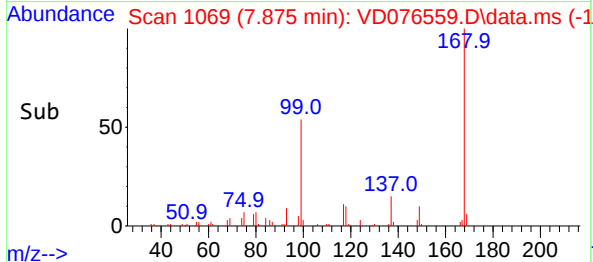
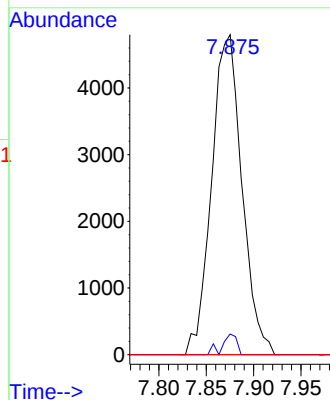
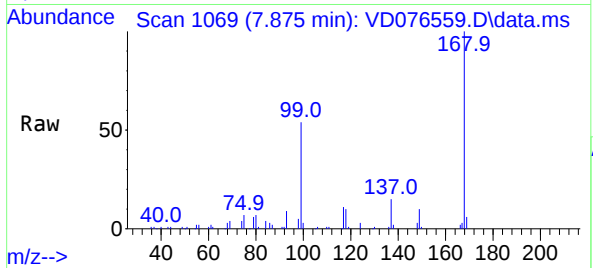




#38
Carbon Tetrachloride
Concen: 7.336 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

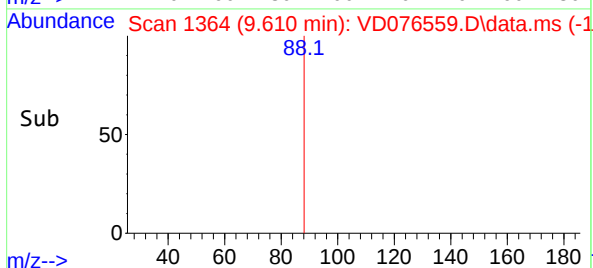
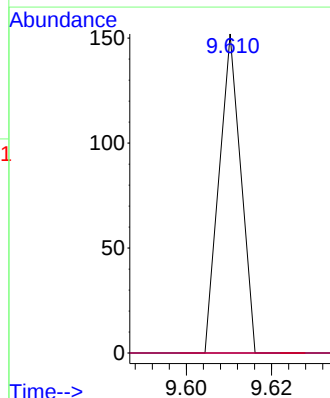
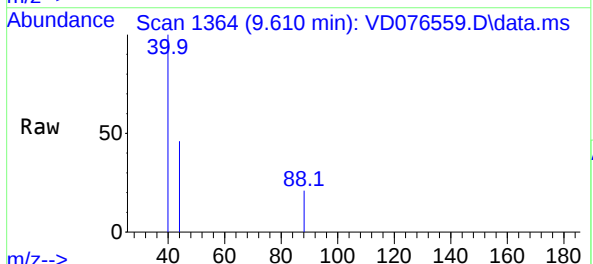
Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

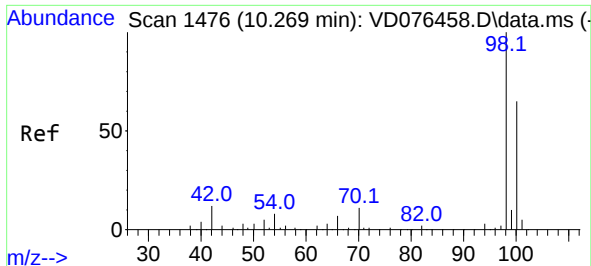
Tgt Ion:117 Resp: 10684
Ion Ratio Lower Upper
117 100
119 6.5 78.0 117.0#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 6.245 ug/l
RT: 9.610 min Scan# 1364
Delta R.T. 0.223 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 0.0 43.5 65.3#

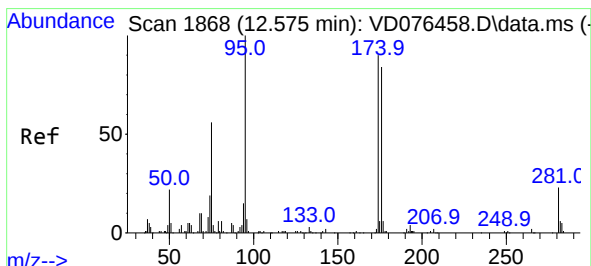
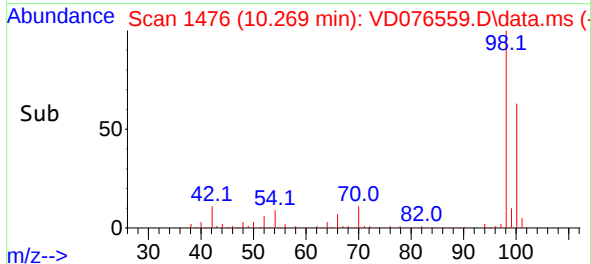
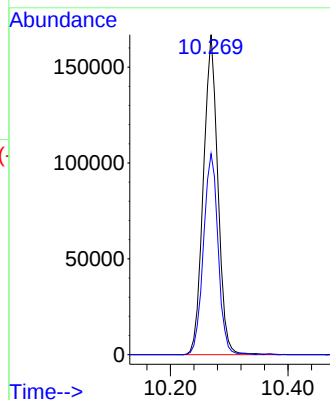
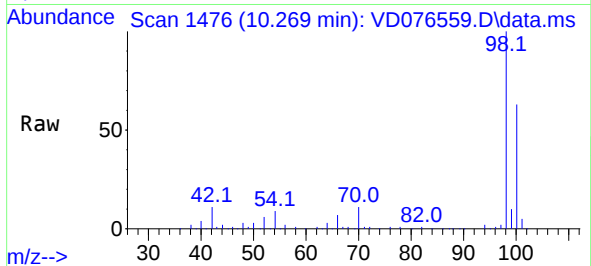




#50
Toluene-d8
Concen: 64.780 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

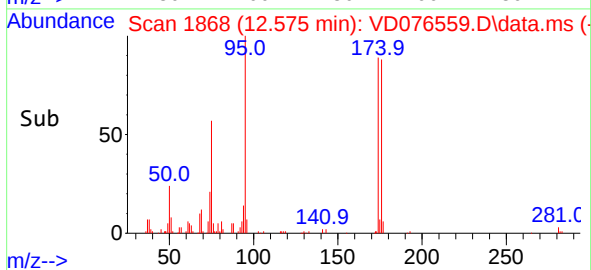
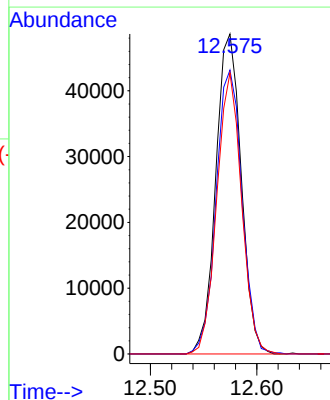
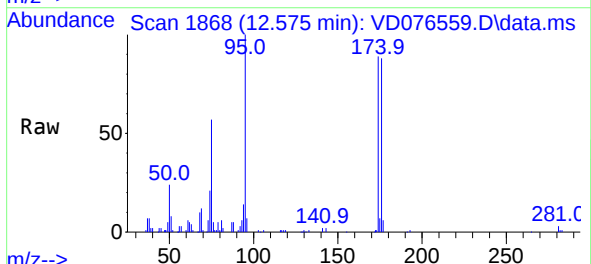
Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

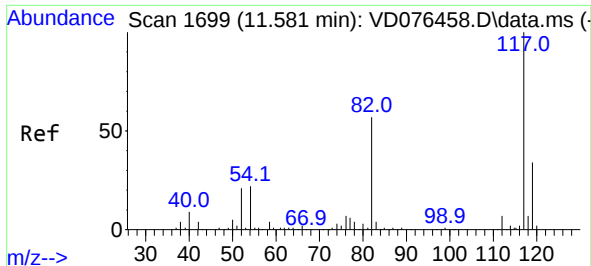
Tgt Ion: 98 Resp: 285862
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.107 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion: 95 Resp: 80354
Ion Ratio Lower Upper
95 100
174 90.6 0.0 201.8
176 85.5 0.0 191.8

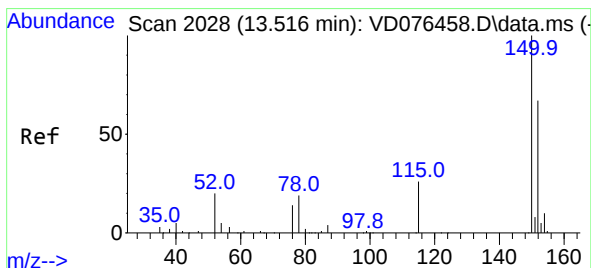
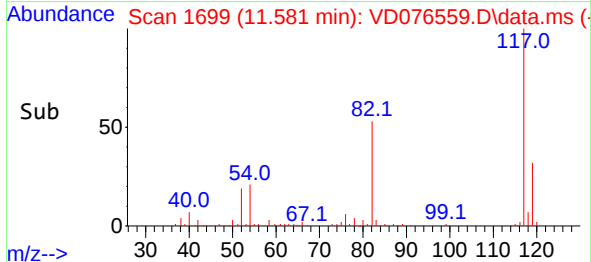
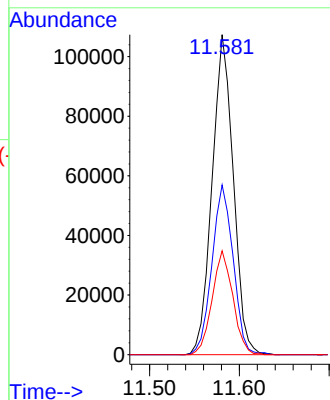
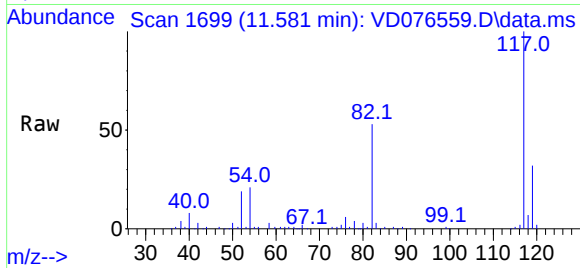




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

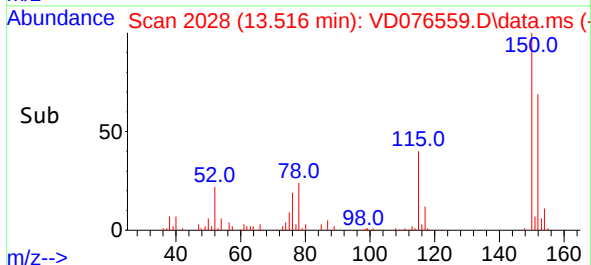
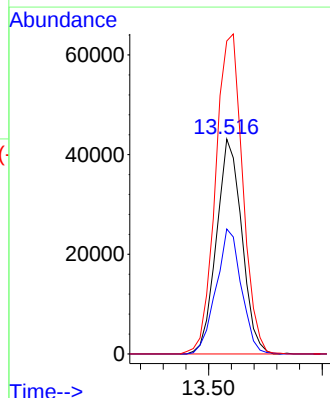
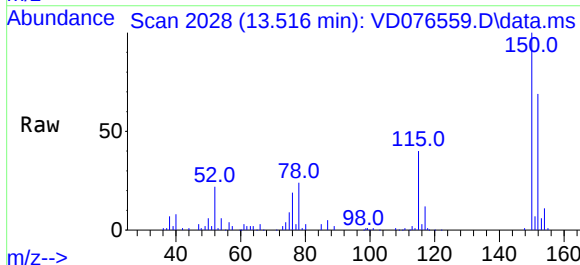
Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

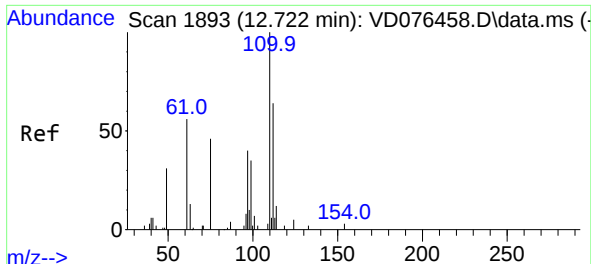
Tgt Ion:117 Resp: 176131
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion:152 Resp: 66929
Ion Ratio Lower Upper
152 100
115 58.0 27.1 81.3
150 159.1 0.0 353.6

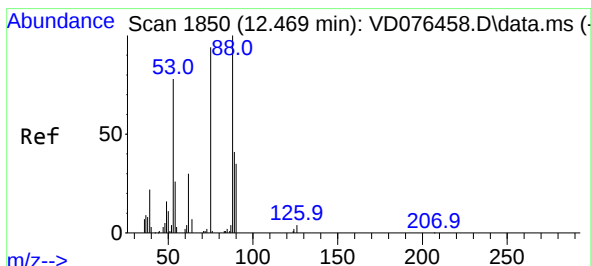
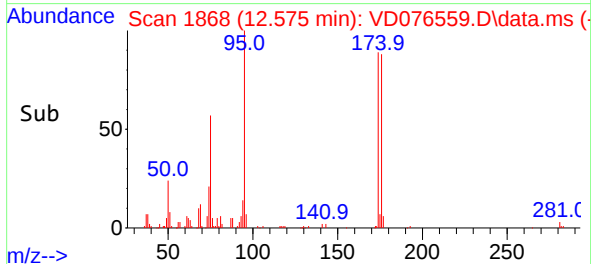
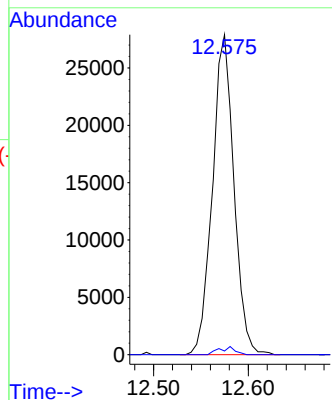
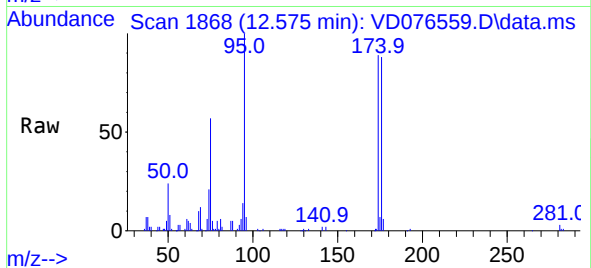




#76
1,2,3-Trichloropropane
Concen: 66.139 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Instrument :
MSVOA_D
ClientSampleId :
SP-RIGHT

Tgt Ion: 75 Resp: 43933
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.925 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076559.D
Acq: 23 Jun 2023 15:34

Tgt Ion: 75 Resp: 43933
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

