

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076177.D
 Acq On : 22 May 2023 15:52
 Operator : KP/SY
 Sample : 02849-11RE
 Misc : 4.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP8RE

Quant Time: May 23 01:25:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

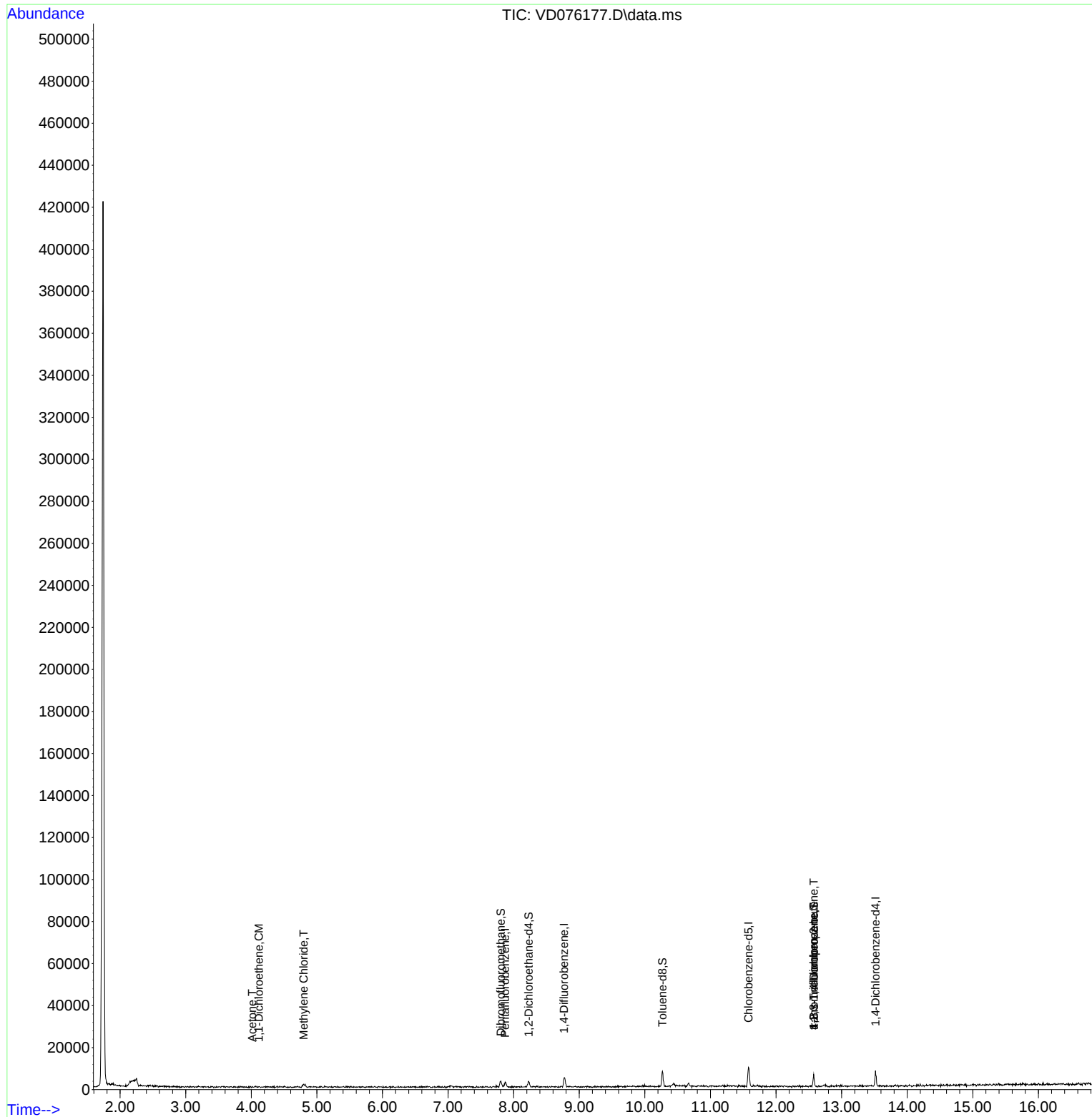
Internal Standards						
1) Pentafluorobenzene	7.869	168	3018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	5719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7252	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2421	83.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.000%#	
35) Dibromofluoromethane	7.804	113	1970	49.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.660%	
50) Toluene-d8	10.269	98	5865	38.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 76.120%	
62) 4-Bromofluorobenzene	12.575	95	2059	48.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.200%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	56	Below Cal	#	40
12) 1,1-Dichloroethene	4.116	96	132	4.047	ug/l #	1
16) Acetone	4.016	43	56	9.650	ug/l #	44
20) Methylene Chloride	4.799	84	957	14.131	ug/l #	66
76) 1,2,3-Trichloropropane	12.575	75	902	47.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	902	99.054	ug/l #	5

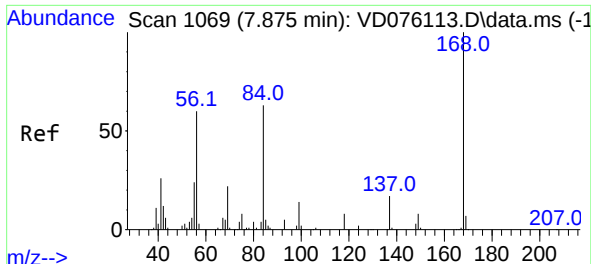
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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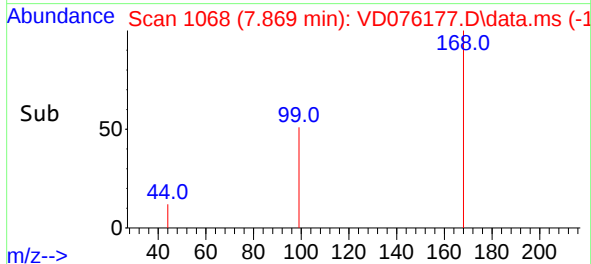
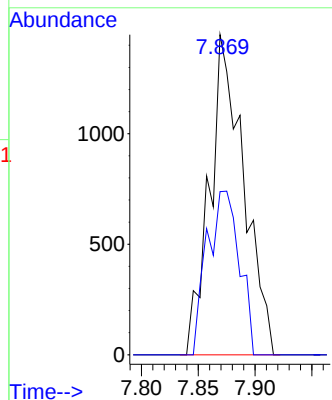
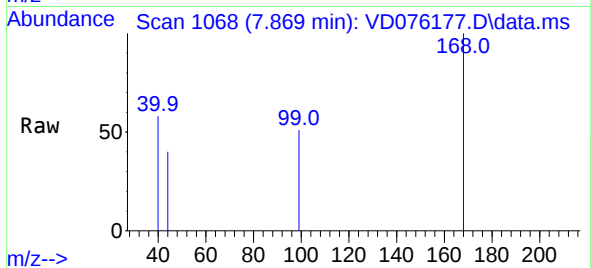




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

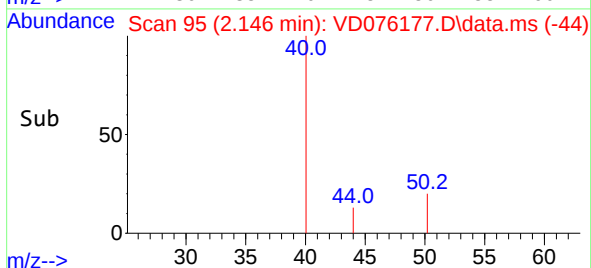
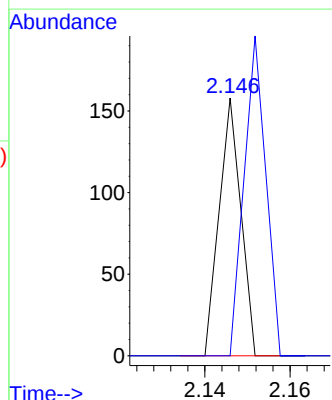
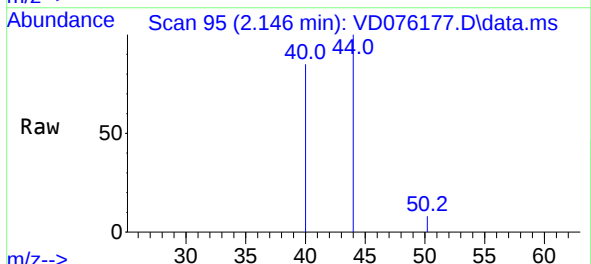
Instrument :
MSVOA_D
ClientSampleId :
TP8RE

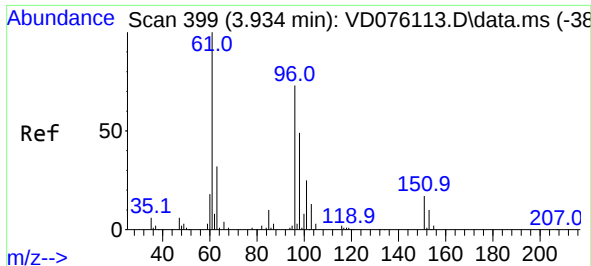
Tgt Ion:168 Resp: 3018
Ion Ratio Lower Upper
168 100
99 51.0 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion: 50 Resp: 56
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

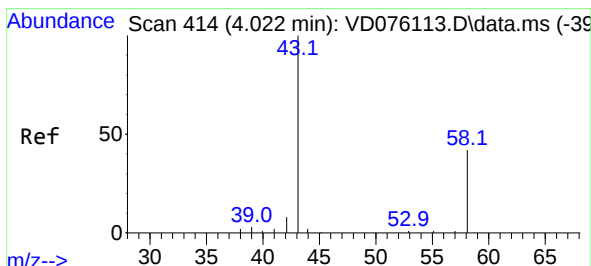
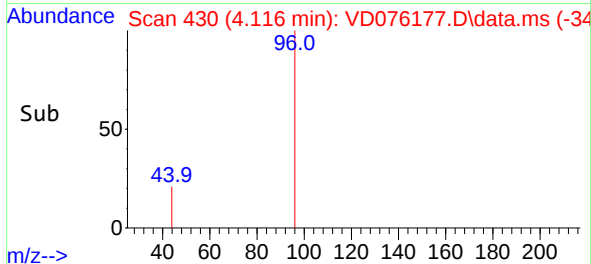
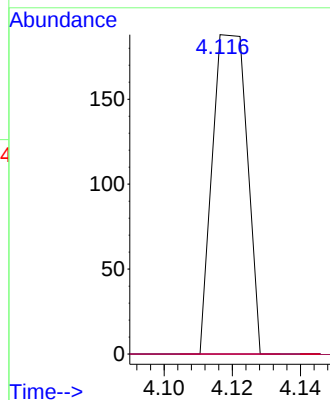
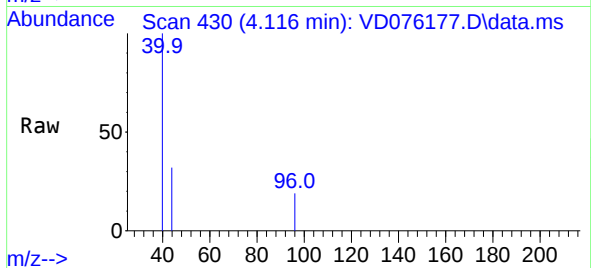




#12
1,1-Dichloroethene
Concen: 4.047 ug/l
RT: 4.116 min Scan# 411
Delta R.T. 0.176 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

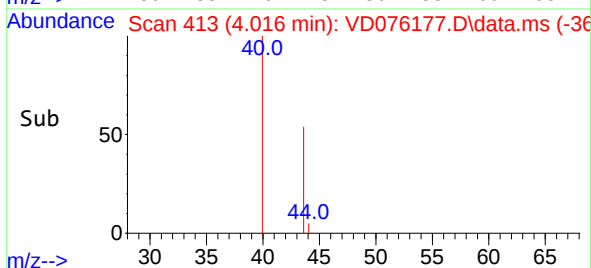
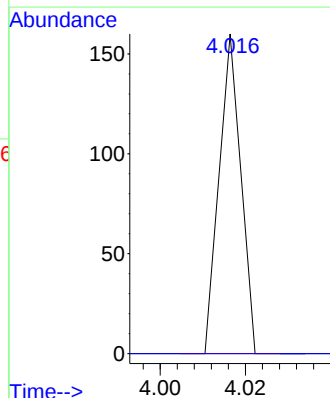
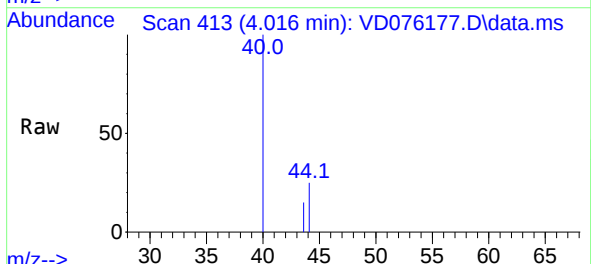
Instrument :
MSVOA_D
ClientSampleId :
TP8RE

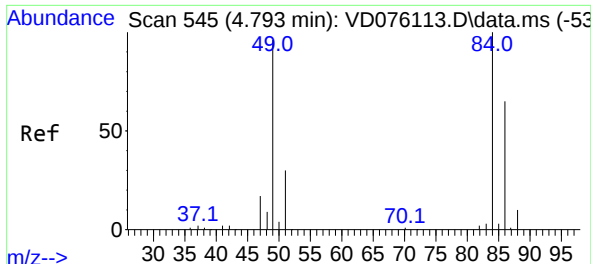
Tgt Ion: 96 Resp: 132
Ion Ratio Lower Upper
96 100
61 0.0 118.6 177.8#
98 0.0 49.7 74.5#



#16
Acetone
Concen: 9.650 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

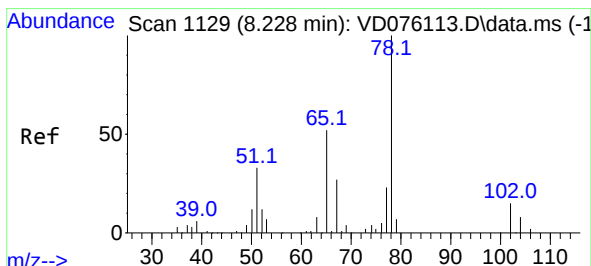
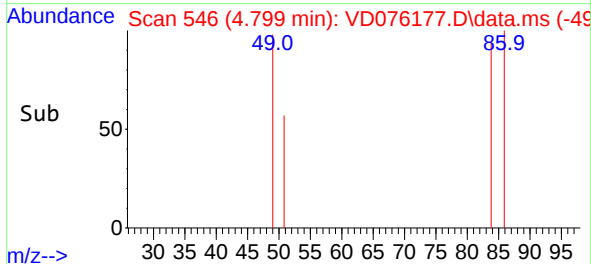
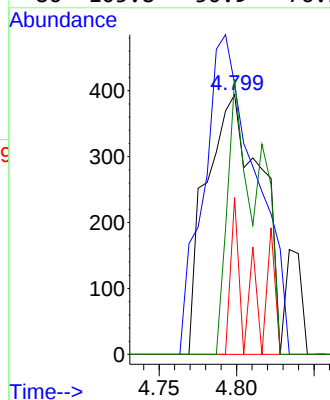
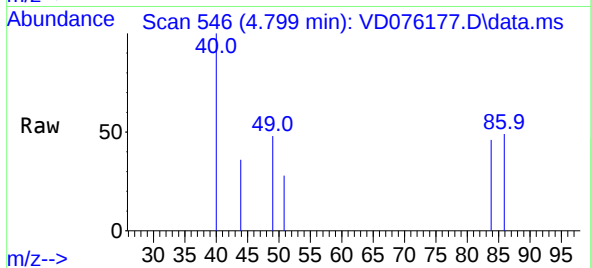




#20
Methylene Chloride
Concen: 14.131 ug/l
RT: 4.799 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

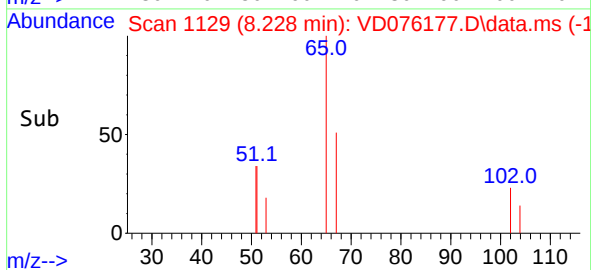
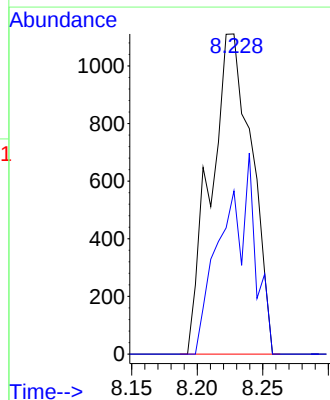
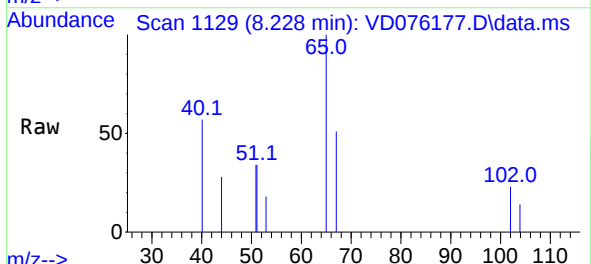
Instrument :
MSVOA_D
ClientSampleId :
TP8RE

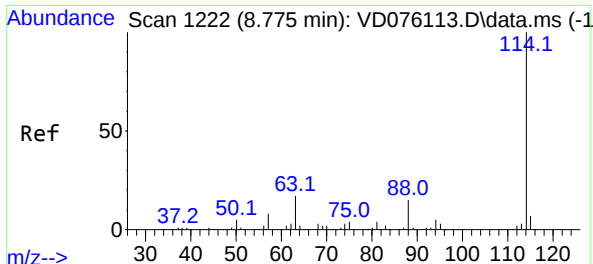
Tgt Ion: 84 Resp: 957
Ion Ratio Lower Upper
84 100
49 104.1 106.4 159.6#
51 60.4 32.4 48.6#
86 105.8 50.9 76.3#



#33
1,2-Dichloroethane-d4
Concen: 83.001 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion: 65 Resp: 2421
Ion Ratio Lower Upper
65 100
67 49.0 0.0 102.2

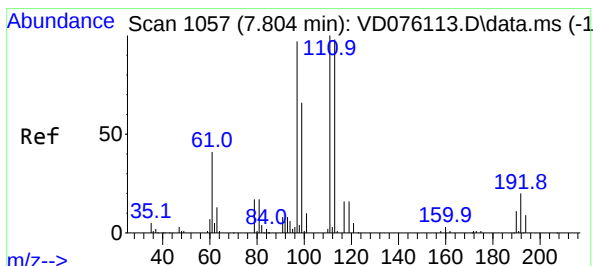
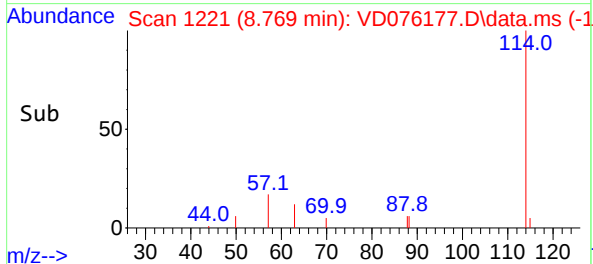
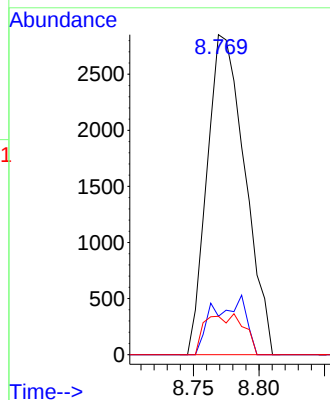
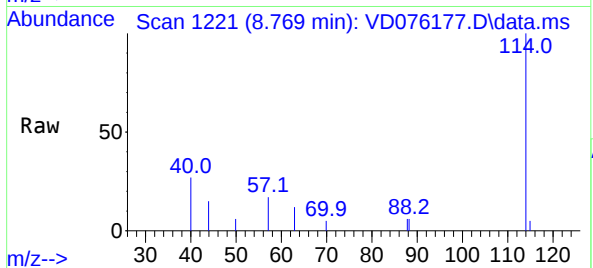




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

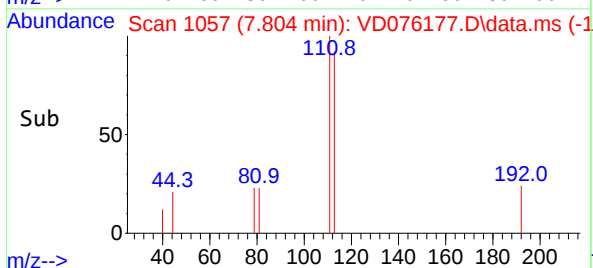
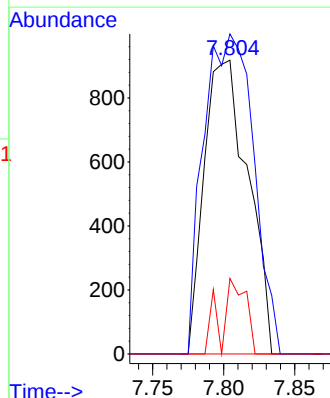
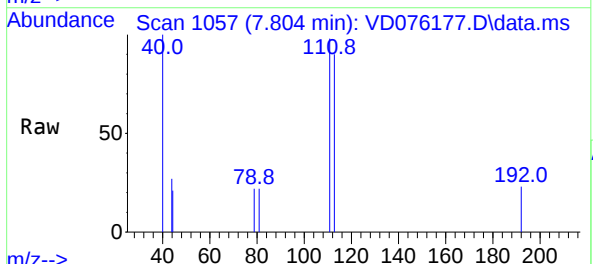
Instrument :
MSVOA_D
ClientSampleId :
TP8RE

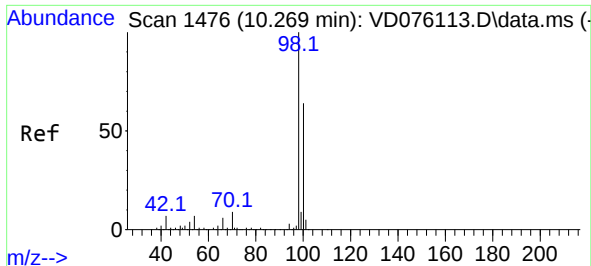
Tgt Ion:114	Resp:	5719
Ion	Ratio	Lower Upper
114	100	
63	12.0	0.0 41.6
88	12.0	0.0 30.6



#35
Dibromofluoromethane
Concen: 49.835 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion:113	Resp:	1970
Ion	Ratio	Lower Upper
113	100	
111	124.5	81.4 122.0#
192	14.6	15.2 22.8#

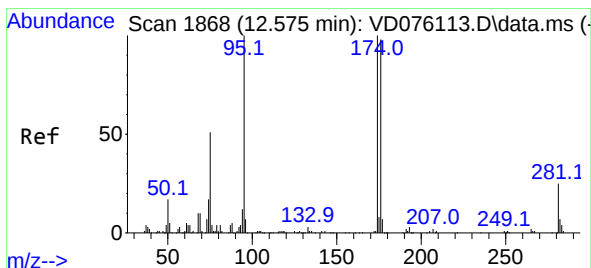
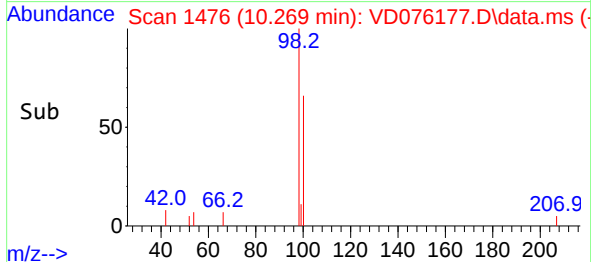
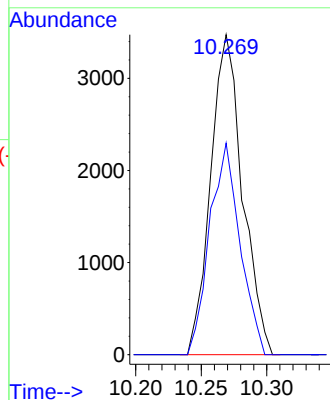
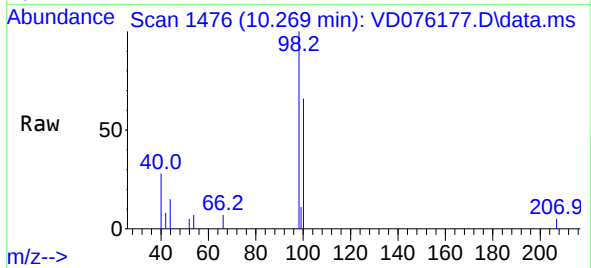




#50
Toluene-d8
Concen: 38.059 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

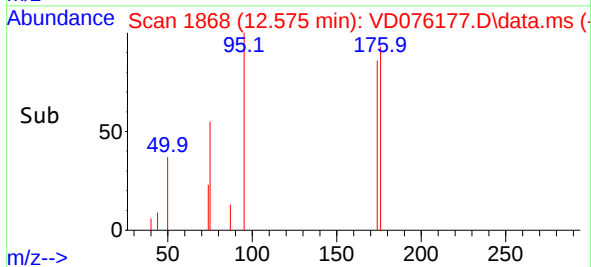
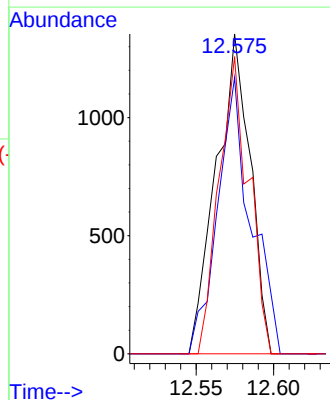
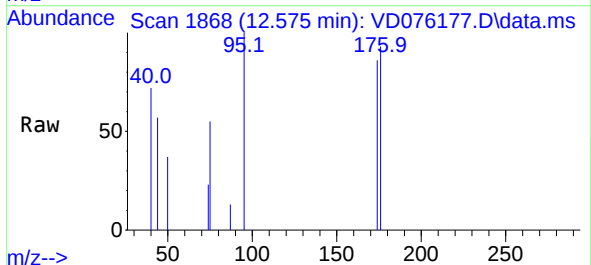
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TP8RE

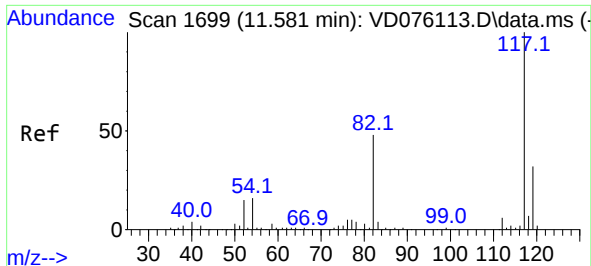
Tgt Ion: 98 Resp: 5865
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.099 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion: 95 Resp: 2059
Ion Ratio Lower Upper
95 100
174 84.7 0.0 164.0
176 81.4 0.0 156.8

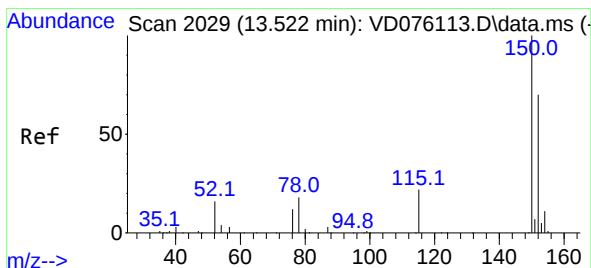
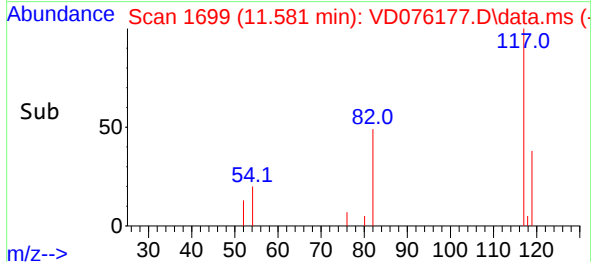
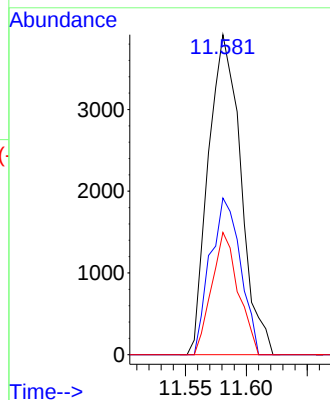
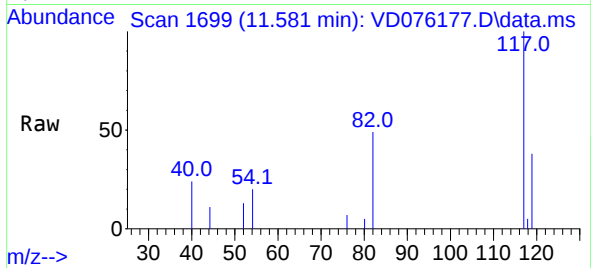




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

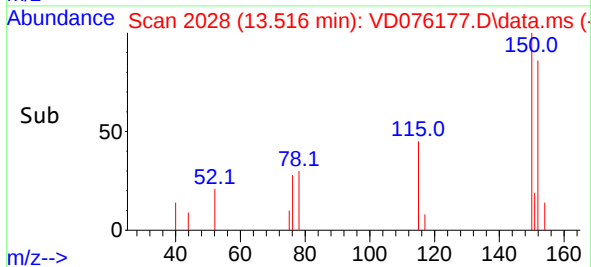
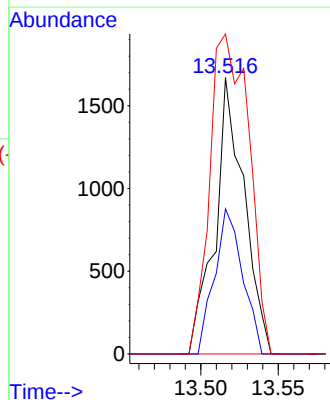
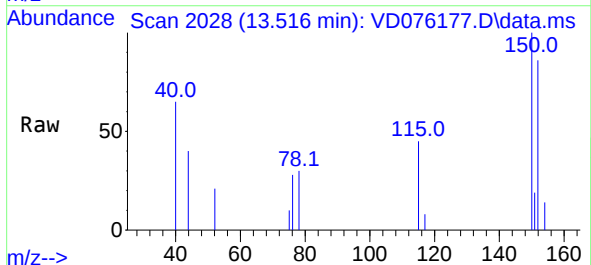
Instrument :
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ClientSampleId :
TP8RE

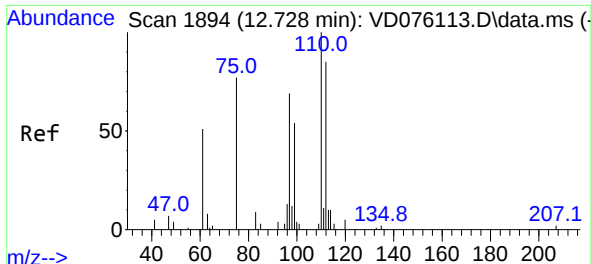
Tgt Ion:117	Resp:	7252
Ion	Ratio	Lower Upper
117	100	
82	48.9	44.0 66.0
119	38.2	25.1 37.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion:152	Resp:	2183
Ion	Ratio	Lower Upper
152	100	
115	50.5	30.1 90.3
150	155.4	0.0 364.8

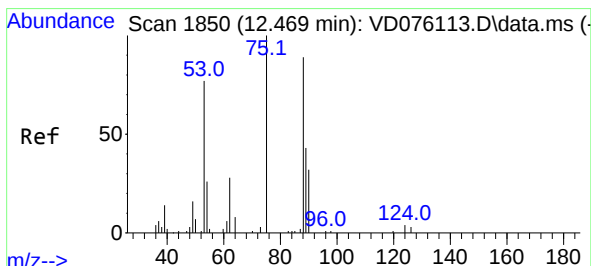
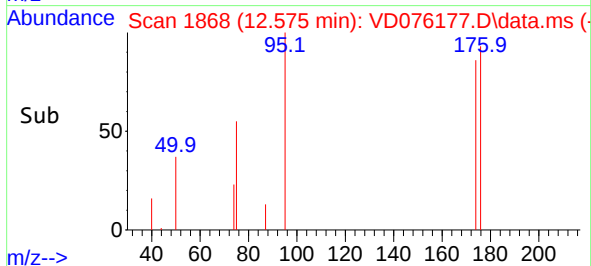
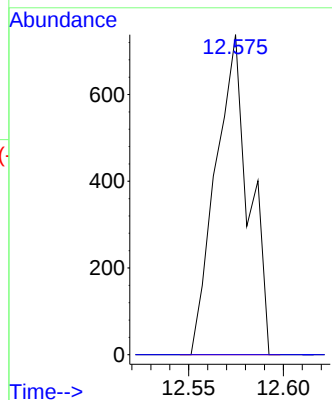
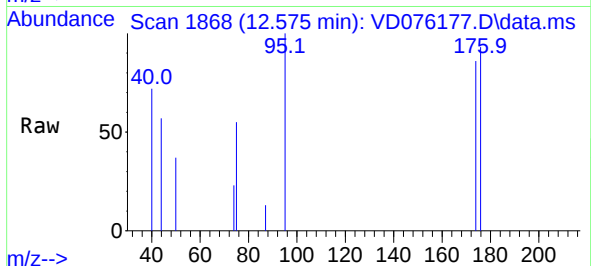




#76
1,2,3-Trichloropropane
Concen: 47.217 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Instrument :
MSVOA_D
ClientSampleId :
TP8RE

Tgt Ion: 75 Resp: 902
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 99.054 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion: 75 Resp: 902
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

