

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076202.D
 Acq On : 23 May 2023 19:30
 Operator : KP/SY
 Sample : 02867-01
 Misc : 3.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP16

Quant Time: May 24 06:43:05 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)

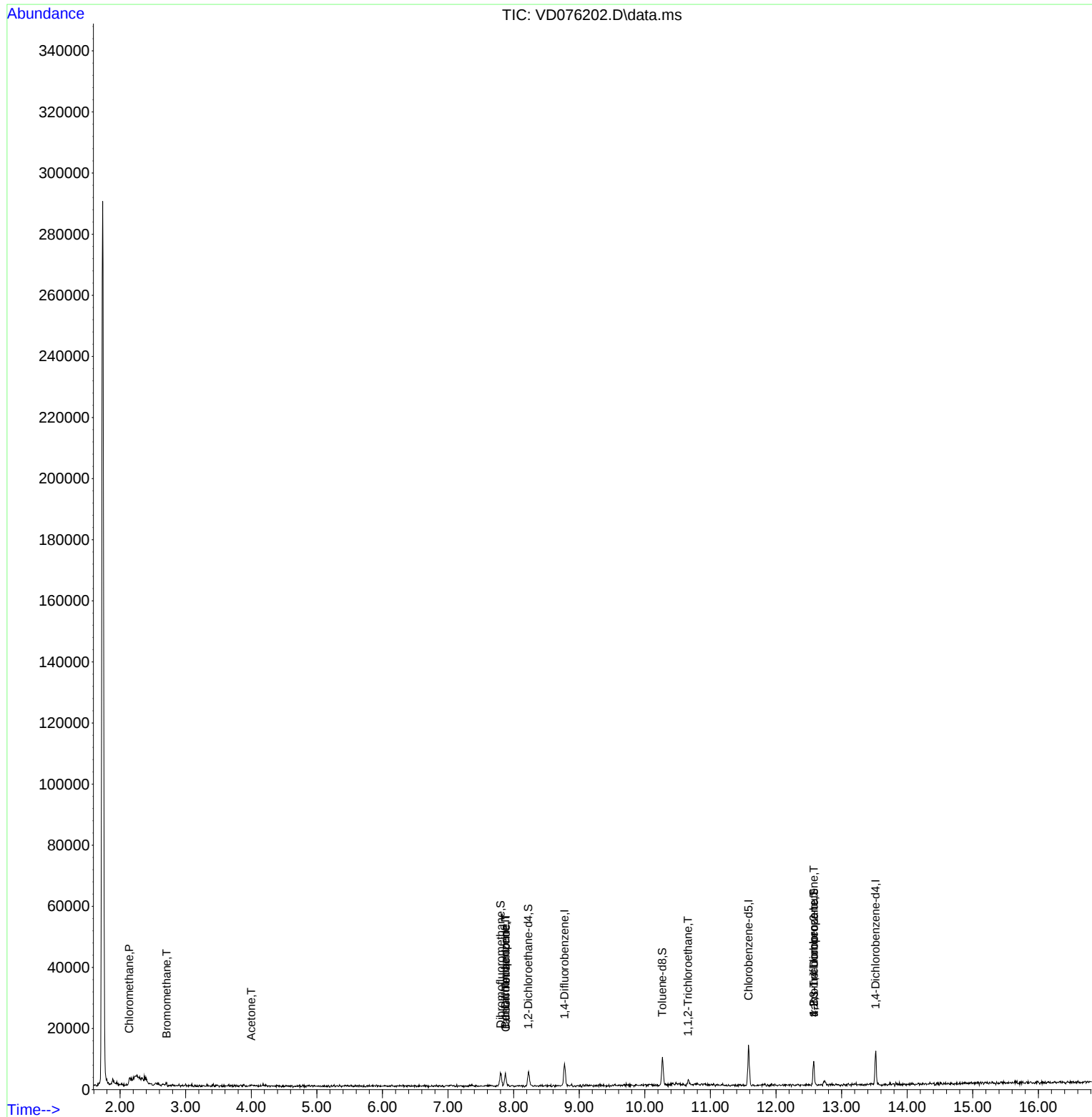
Internal Standards						
1) Pentafluorobenzene	7.875	168	4036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	9020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	9030	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	3605	92.420	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.840%#	
35) Dibromofluoromethane	7.799	113	3326	53.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.700%	
50) Toluene-d8	10.263	98	7804	32.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 64.220%	
62) 4-Bromofluorobenzene	12.575	95	3196	47.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	618	6.473	ug/l #	60
5) Bromomethane	2.711	94	499	9.442	ug/l	91
16) Acetone	3.999	43	221	28.476	ug/l #	44
20) Methylene Chloride	4.805	84	76	Below Cal	#	4
36) 1,1-Dichloropropene	7.875	75	190	2.256	ug/l #	42
38) Carbon Tetrachloride	7.881	117	179	2.353	ug/l #	13
55) 1,1,2-Trichloroethane	10.657	97	59	1.099	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	1279	40.420	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	1279	84.794	ug/l #	5

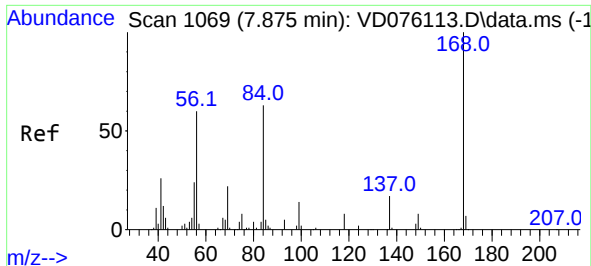
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
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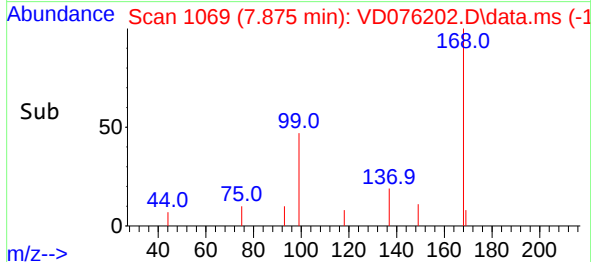
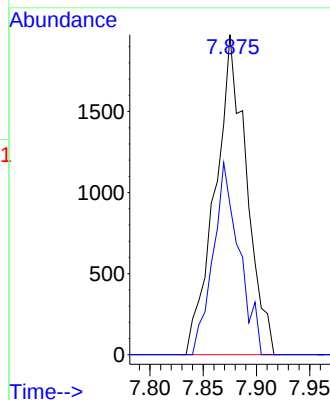
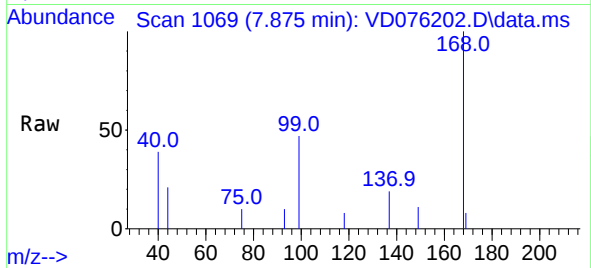




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

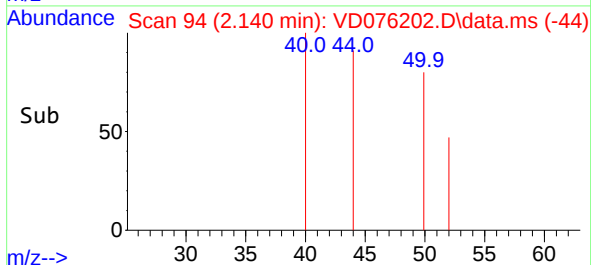
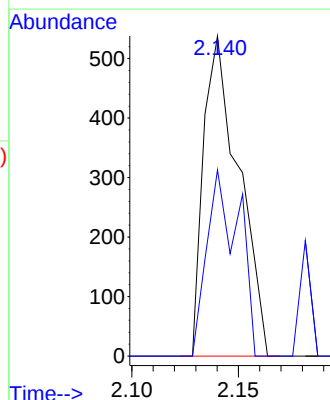
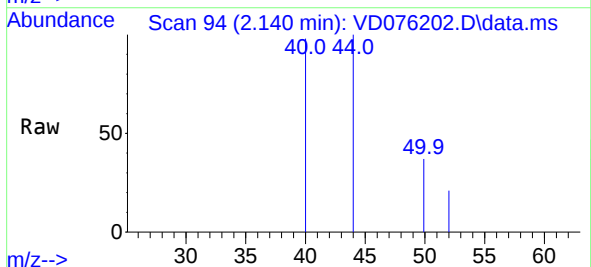
Instrument :
MSVOA_D
ClientSampleId :
TP16

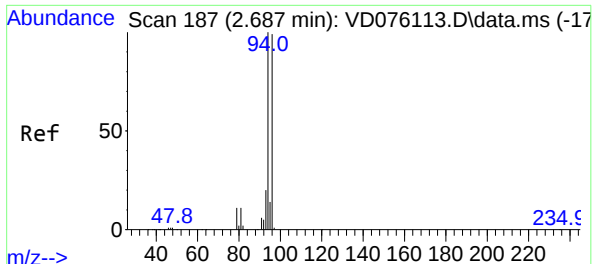
Tgt Ion:168 Resp: 4036
Ion Ratio Lower Upper
168 100
99 46.9 43.8 65.6



#3
Chloromethane
Concen: 6.473 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

Tgt Ion: 50 Resp: 618
Ion Ratio Lower Upper
50 100
52 58.2 27.8 41.8#

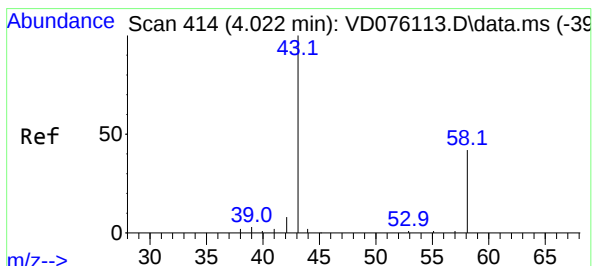
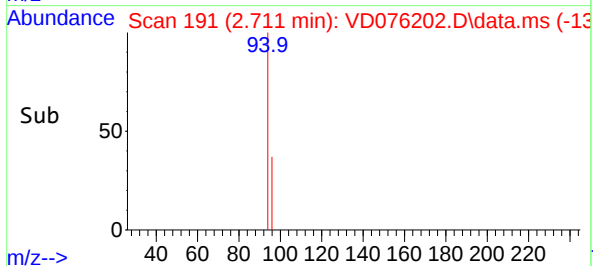
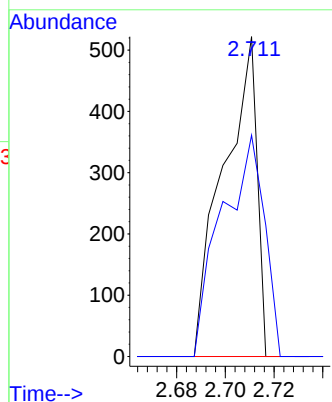
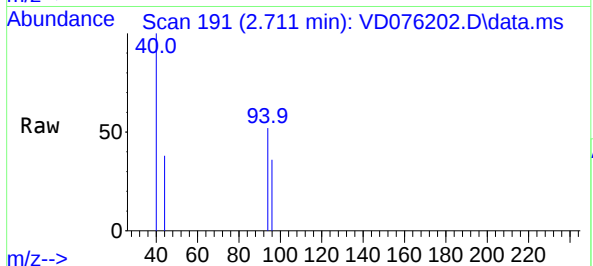




#5
Bromomethane
Concen: 9.442 ug/l
RT: 2.711 min Scan# 191
Delta R.T. 0.024 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

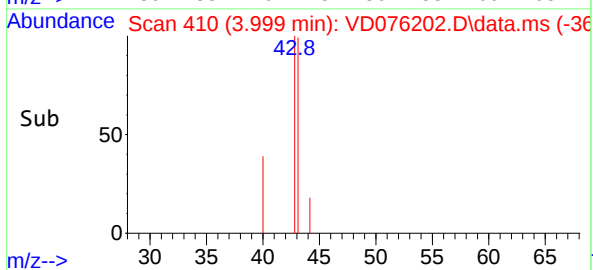
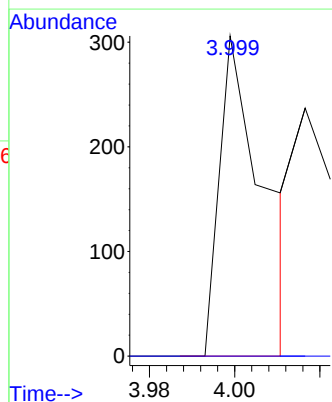
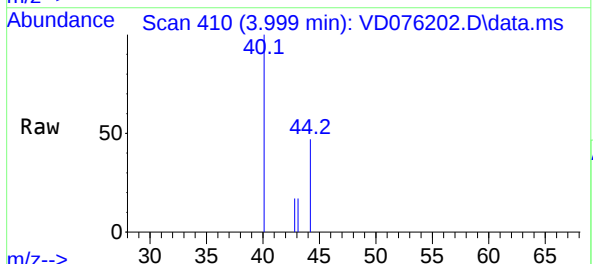
Instrument :
MSVOA_D
ClientSampleId :
TP16

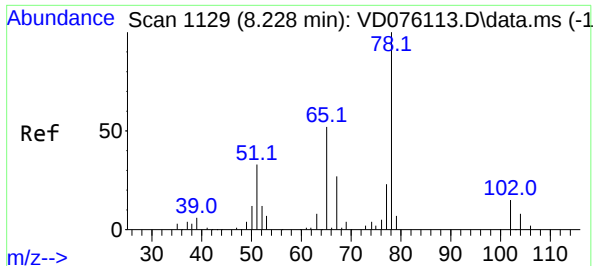
Tgt Ion: 94 Resp: 499
Ion Ratio Lower Upper
94 100
96 88.0 77.5 116.3



#16
Acetone
Concen: 28.476 ug/l
RT: 3.999 min Scan# 410
Delta R.T. -0.023 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 92.420 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VD076202.D

Acq: 23 May 2023 19:30

Instrument :

MSVOA_D

ClientSampleId :

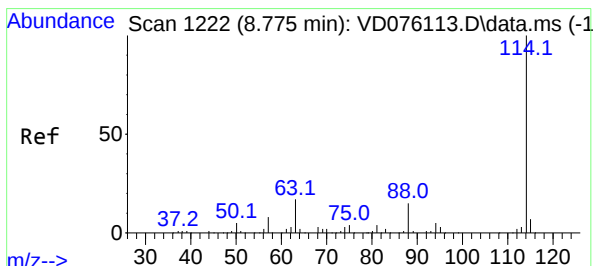
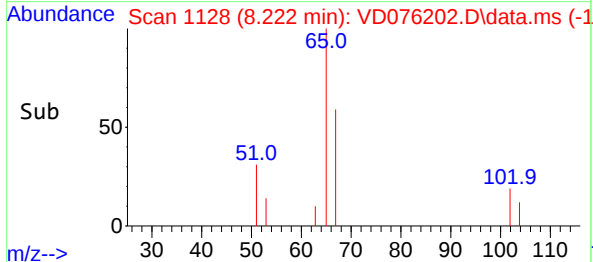
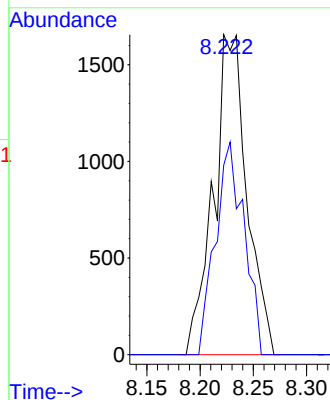
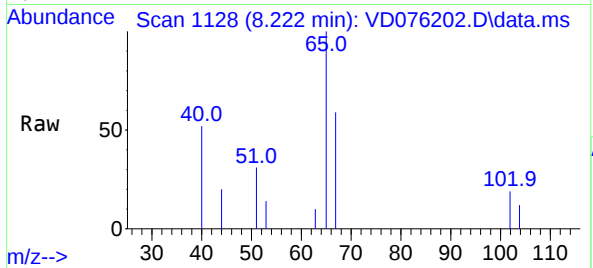
TP16

Tgt Ion: 65 Resp: 3605

Ion Ratio Lower Upper

65 100

67 56.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076202.D

Acq: 23 May 2023 19:30

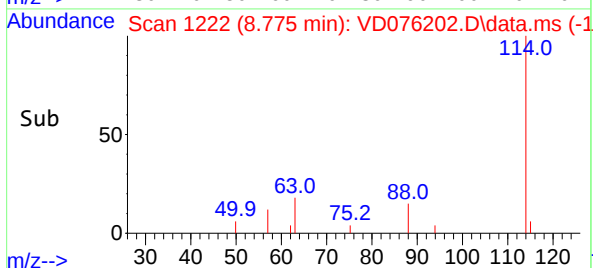
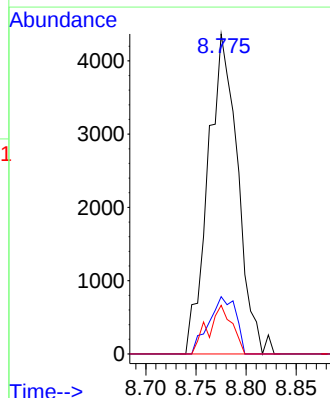
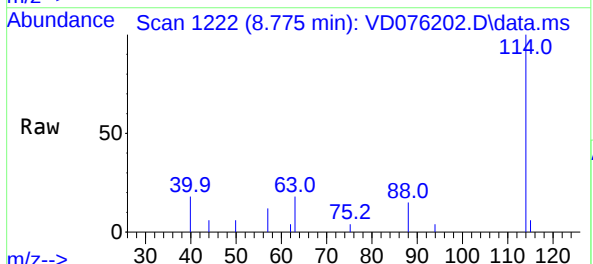
Tgt Ion: 114 Resp: 9020

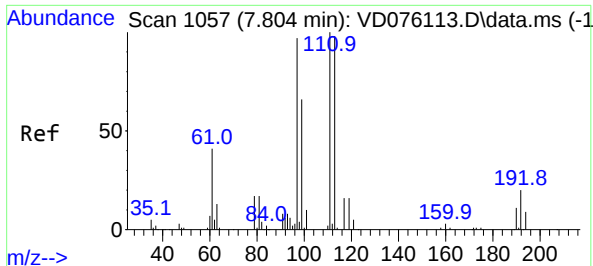
Ion Ratio Lower Upper

114 100

63 17.9 0.0 41.6

88 15.2 0.0 30.6

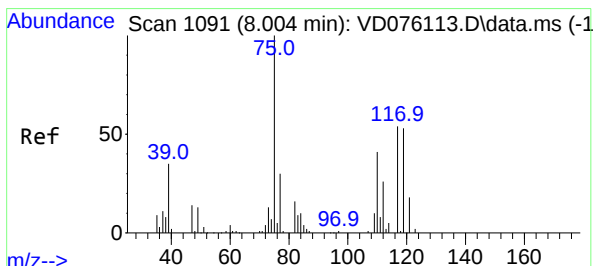
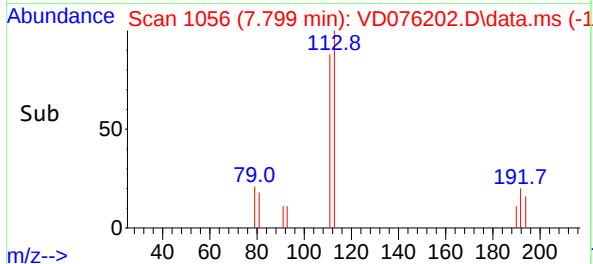
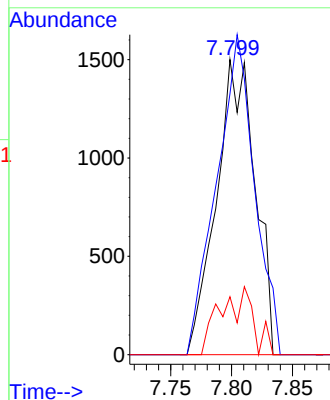
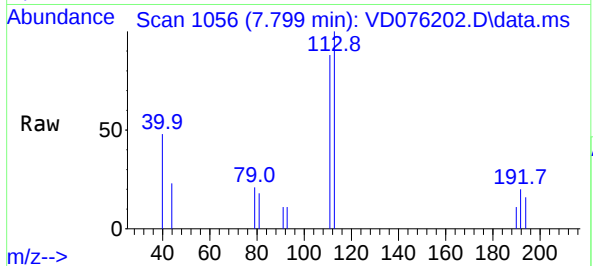




#35
Dibromofluoromethane
Concen: 53.346 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

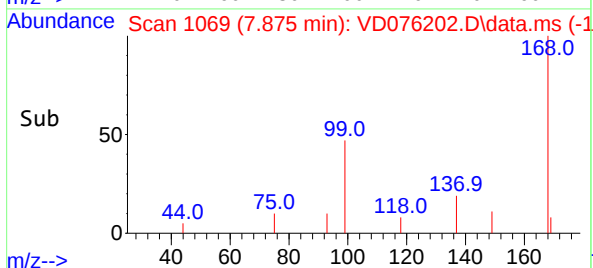
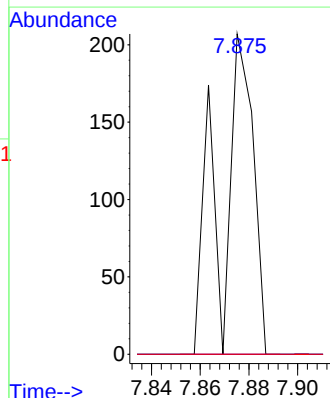
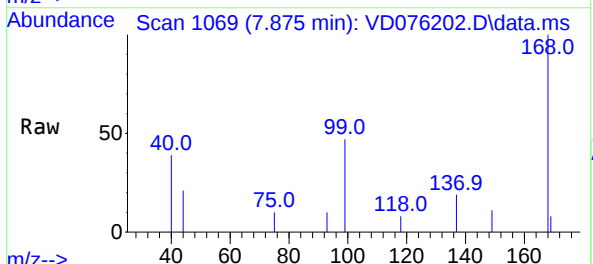
Instrument :
MSVOA_D
ClientSampleId :
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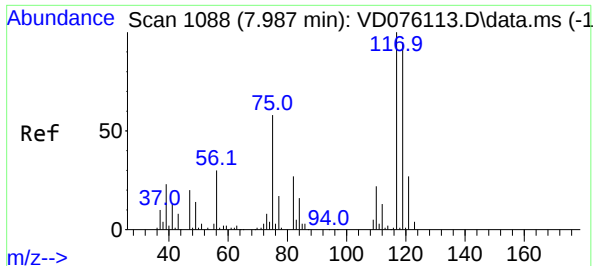
Tgt Ion:	113	Resp:	3326
Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.4	122.0
192	19.4	15.2	22.8



#36
1,1-Dichloropropene
Concen: 2.256 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

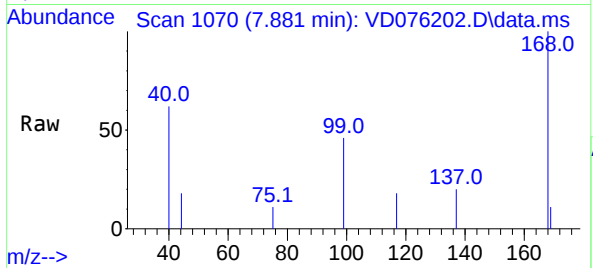
Tgt Ion:	75	Resp:	190
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#



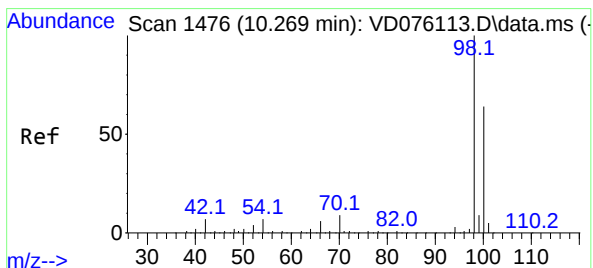
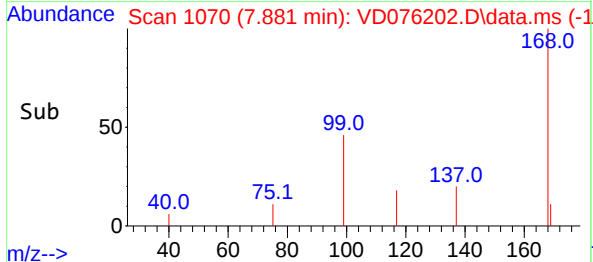
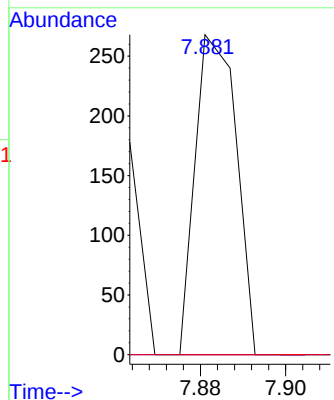


#38
Carbon Tetrachloride
Concen: 2.353 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

Instrument :
MSVOA_D
ClientSampleId :
TP16

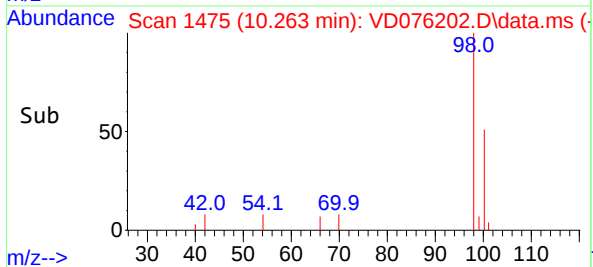
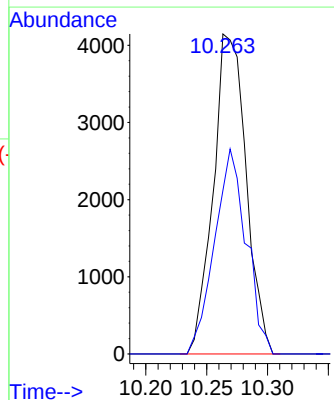
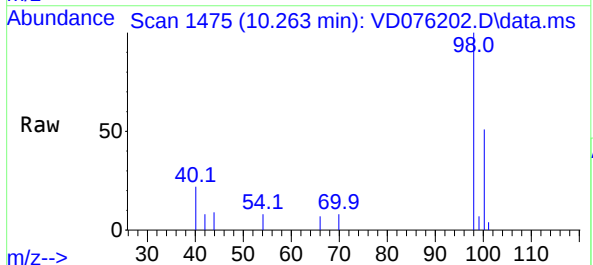


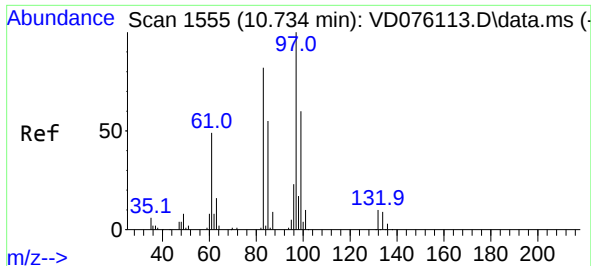
Tgt Ion:117 Resp: 179
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 32.109 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

Tgt Ion: 98 Resp: 7804
Ion Ratio Lower Upper
98 100
100 62.0 52.1 78.1

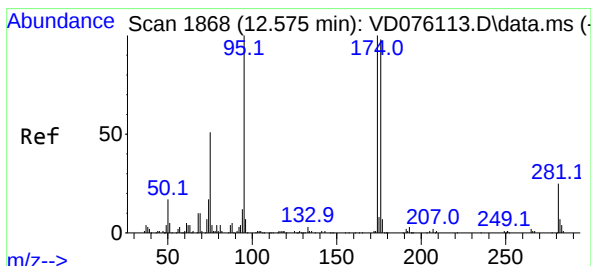
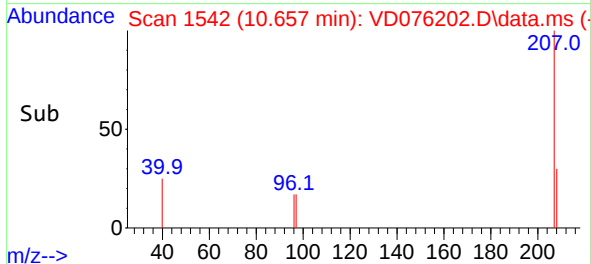
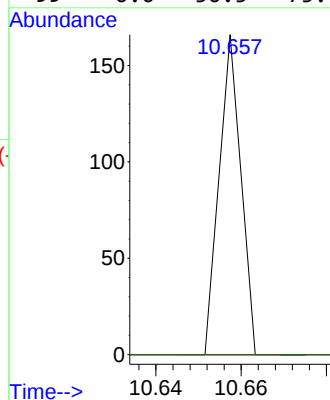
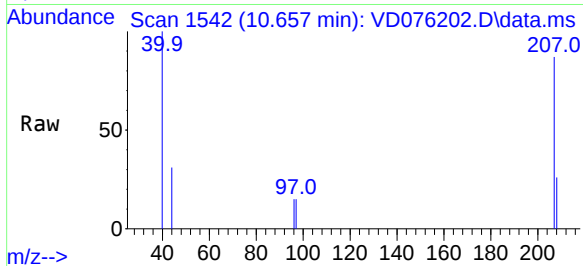




#55
1,1,2-Trichloroethane
Concen: 1.099 ug/l
RT: 10.657 min Scan# 1542
Delta R.T. -0.077 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

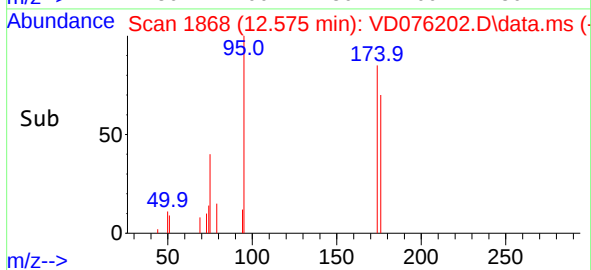
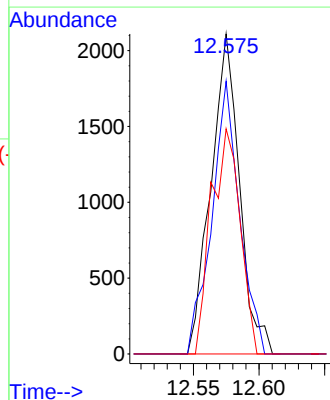
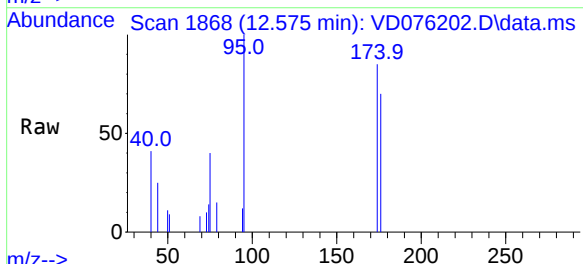
Instrument :
MSVOA_D
ClientSampleId :
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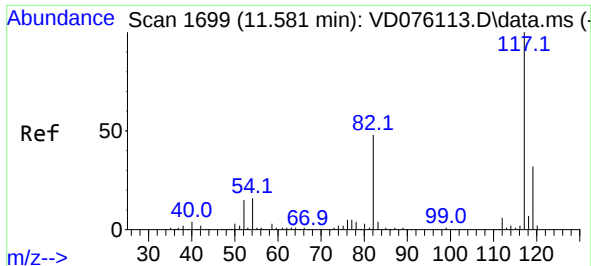
Tgt Ion: 97	Resp: 59
Ion Ratio	Lower Upper
97 100	
83 0.0	74.2 111.4#
85 0.0	45.4 68.0#
99 0.0	50.5 75.7#



#62
4-Bromofluorobenzene
Concen: 47.337 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

Tgt Ion: 95	Resp: 3196
Ion Ratio	Lower Upper
95 100	
174 82.7	0.0 164.0
176 71.0	0.0 156.8

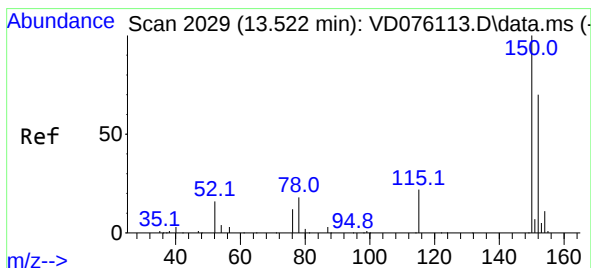
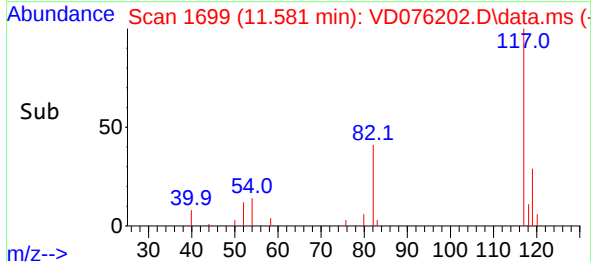
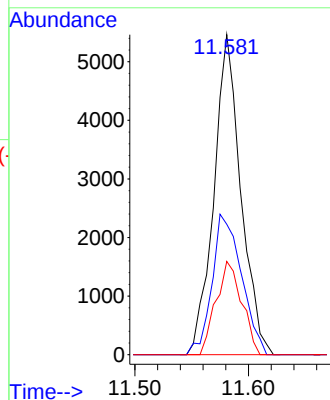
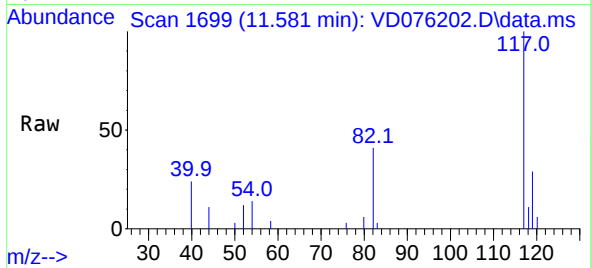




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

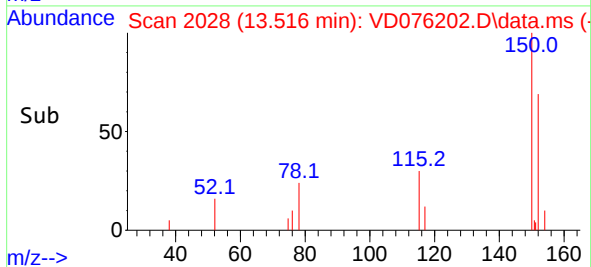
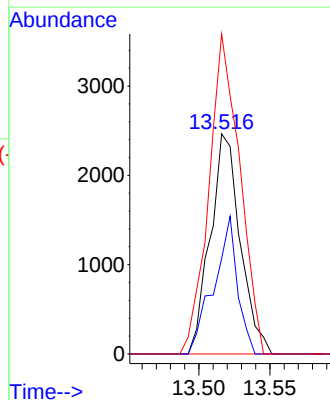
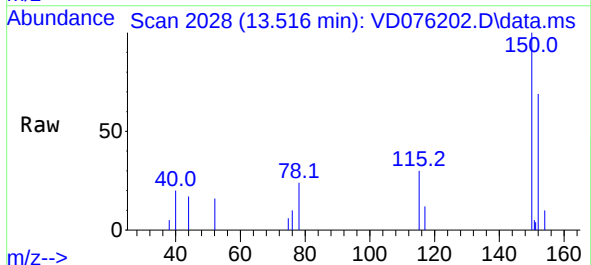
Instrument :
MSVOA_D
ClientSampleId :
TP16

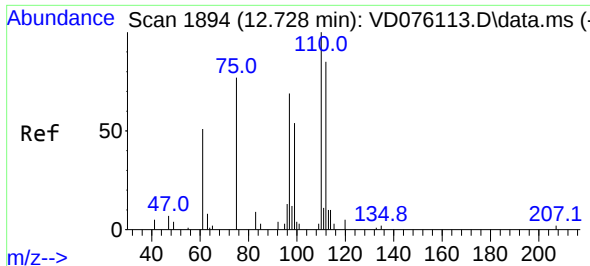
Tgt Ion:117 Resp: 9030
Ion Ratio Lower Upper
117 100
82 40.7 44.0 66.0#
119 29.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

Tgt Ion:152 Resp: 3616
Ion Ratio Lower Upper
152 100
115 49.3 30.1 90.3
150 149.9 0.0 364.8

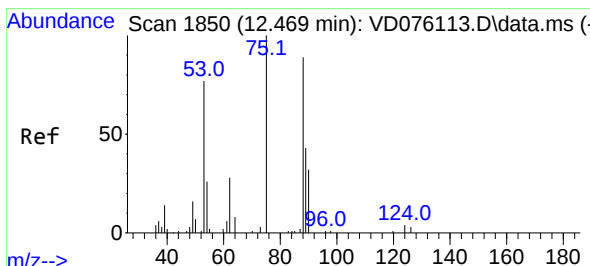
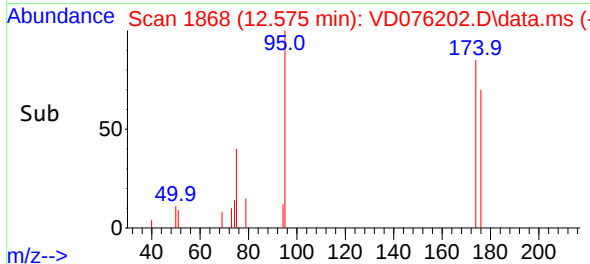
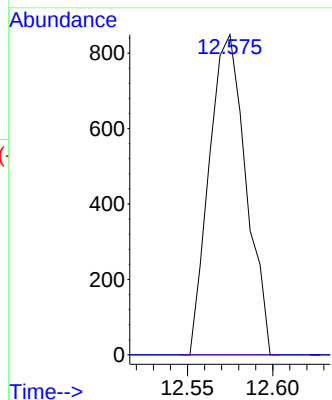
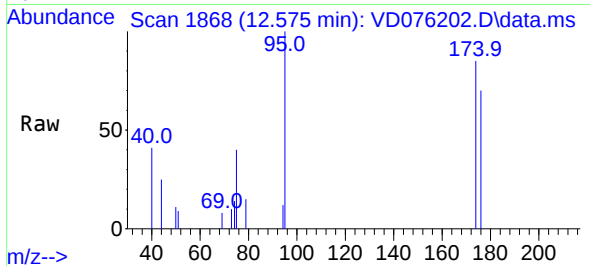




#76
1,2,3-Trichloropropane
Concen: 40.420 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

Instrument :
MSVOA_D
ClientSampleId :
TP16

Tgt Ion: 75 Resp: 1279
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 84.794 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076202.D
Acq: 23 May 2023 19:30

Tgt Ion: 75 Resp: 1279
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

