

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076192.D
 Acq On : 23 May 2023 13:34
 Operator : KP/SY
 Sample : 02846-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-051823

Quant Time: May 23 15:02:51 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)

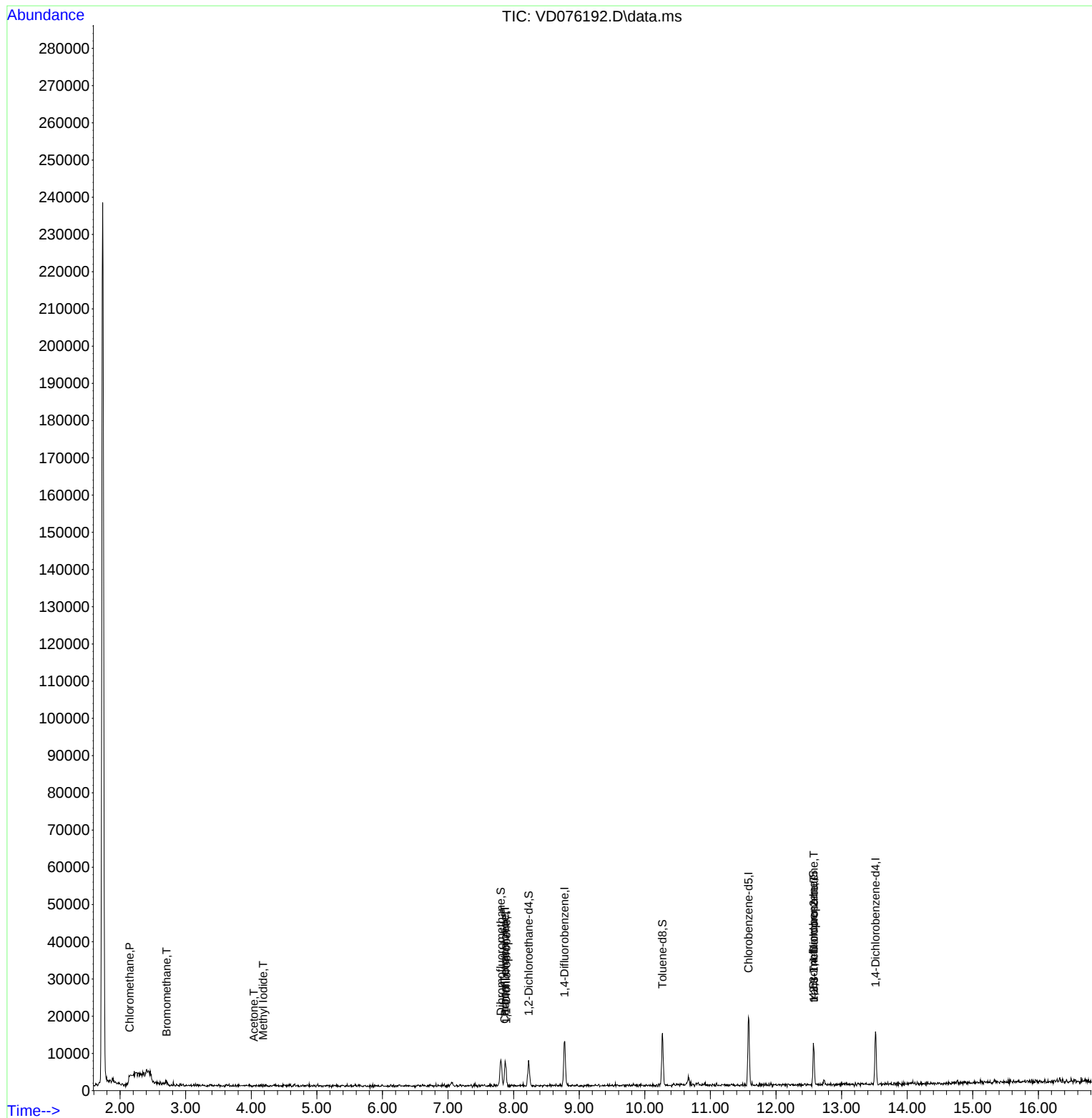
Internal Standards						
1) Pentafluorobenzene	7.869	168	6040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4864	83.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.640%#	
35) Dibromofluoromethane	7.805	113	5392	64.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.420%	
50) Toluene-d8	10.269	98	11007	33.626	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 67.260%	
62) 4-Bromofluorobenzene	12.569	95	3675	40.416	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	695	3.653	ug/l	97
5) Bromomethane	2.711	94	677	8.559	ug/l	80
10) Methyl Iodide	4.181	142	205	3.006	ug/l #	38
16) Acetone	4.040	43	54	4.649	ug/l #	44
20) Methylene Chloride	4.793	84	73	Below Cal	#	4
36) 1,1-Dichloropropene	7.887	75	207	1.825	ug/l #	42
38) Carbon Tetrachloride	7.863	117	696	6.795	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	2201	52.674	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	2201	110.501	ug/l #	5

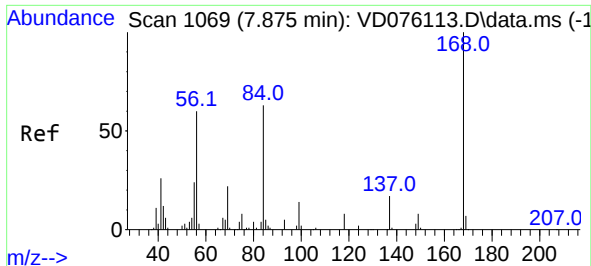
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

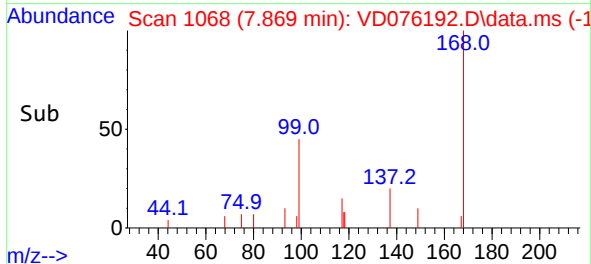
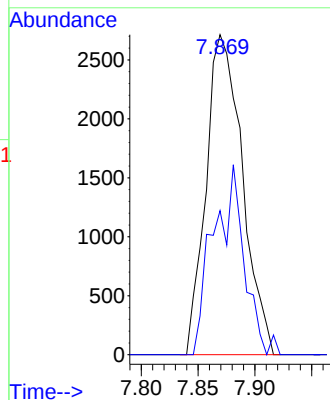
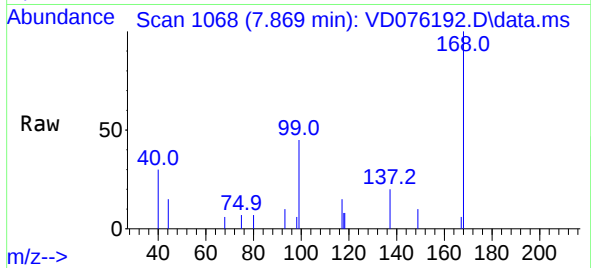




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

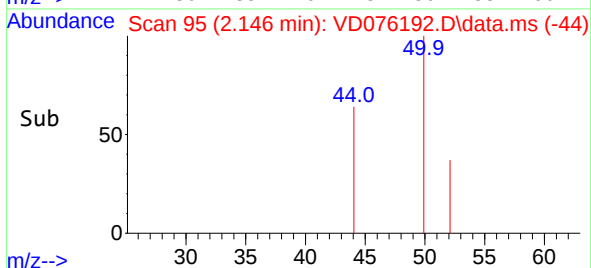
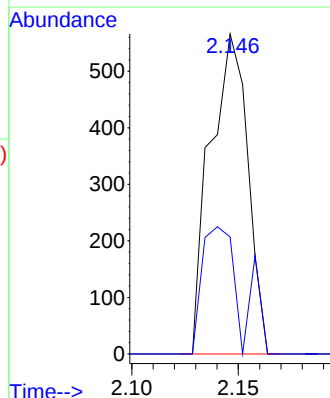
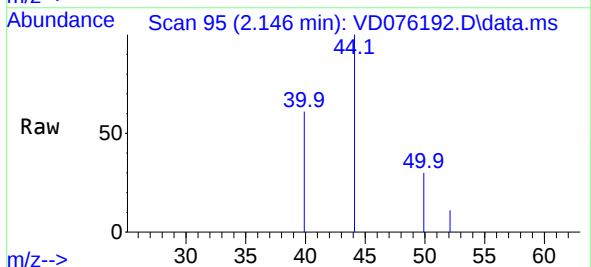
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

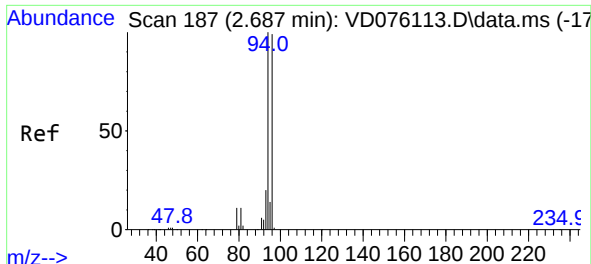
Tgt Ion:168 Resp: 6040
Ion Ratio Lower Upper
168 100
99 45.0 43.8 65.6



#3
Chloromethane
Concen: 3.653 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Tgt Ion: 50 Resp: 695
Ion Ratio Lower Upper
50 100
52 36.6 27.8 41.8

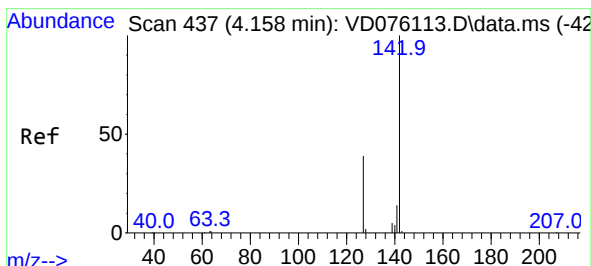
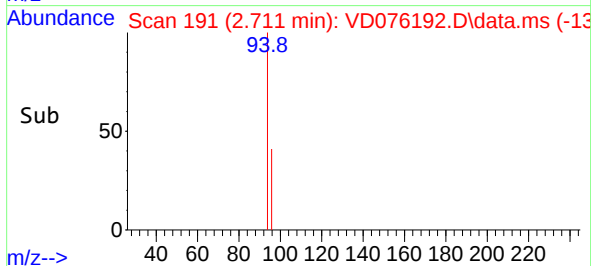
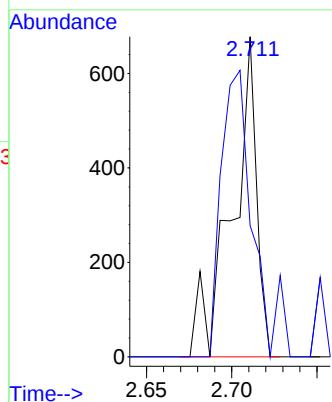
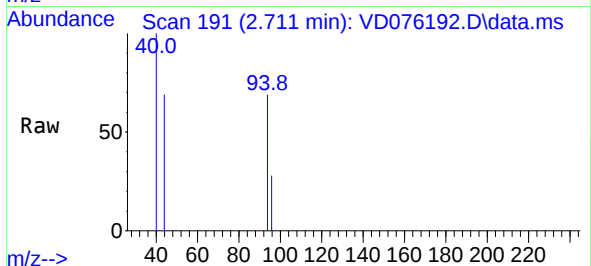




#5
Bromomethane
Concen: 8.559 ug/l
RT: 2.711 min Scan# 191
Delta R.T. 0.024 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

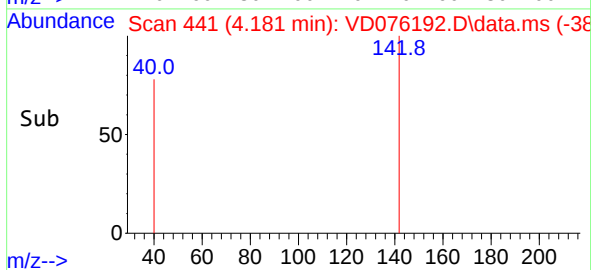
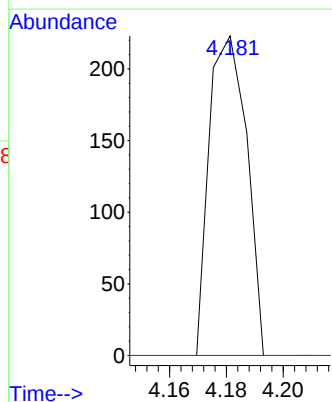
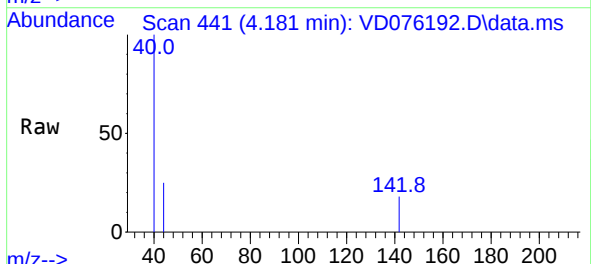
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

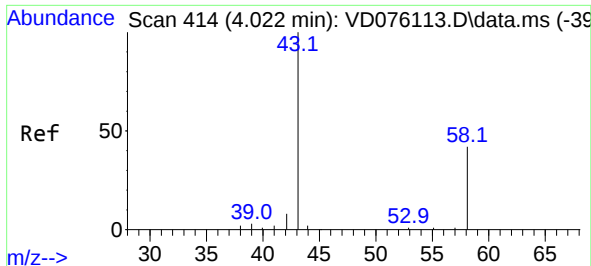
Tgt Ion: 94 Resp: 677
Ion Ratio Lower Upper
94 100
96 116.1 77.5 116.3



#10
Methyl Iodide
Concen: 3.006 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.017 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Tgt Ion: 142 Resp: 205
Ion Ratio Lower Upper
142 100
127 0.0 37.1 55.7#
141 0.0 11.3 16.9#

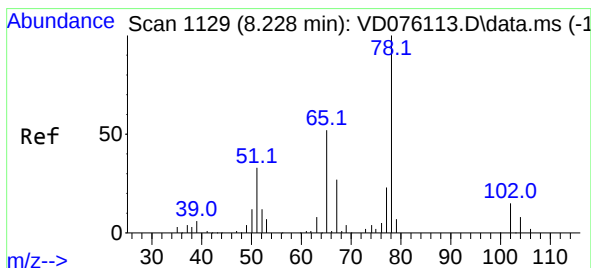
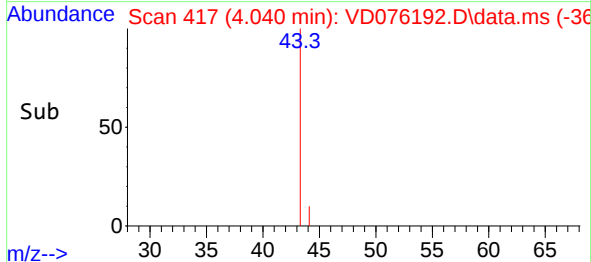
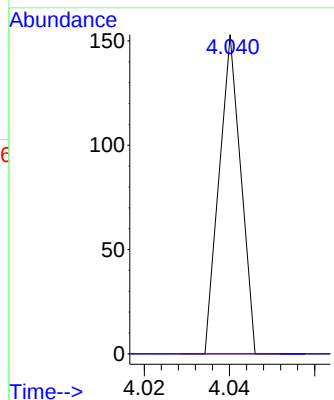
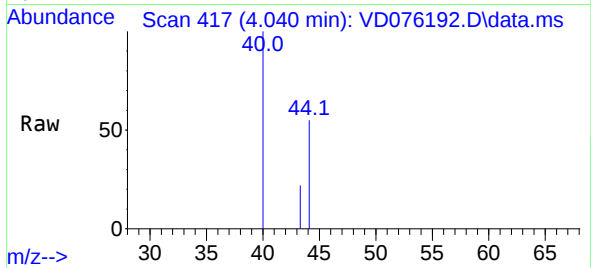




#16
Acetone
Concen: 4.649 ug/l
RT: 4.040 min Scan# 41
Delta R.T. 0.018 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

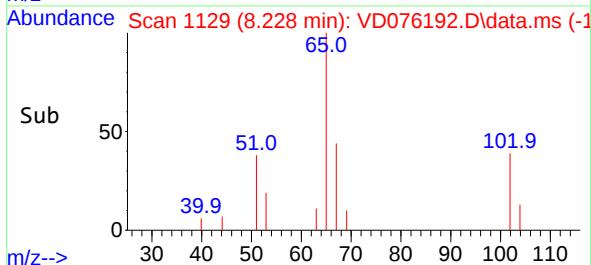
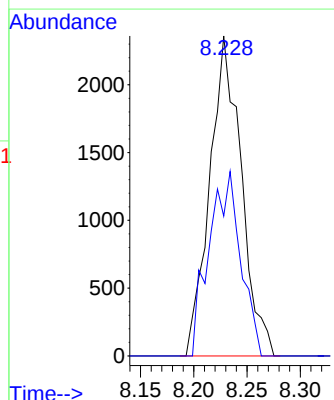
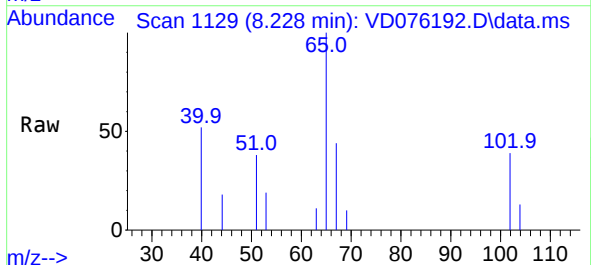
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

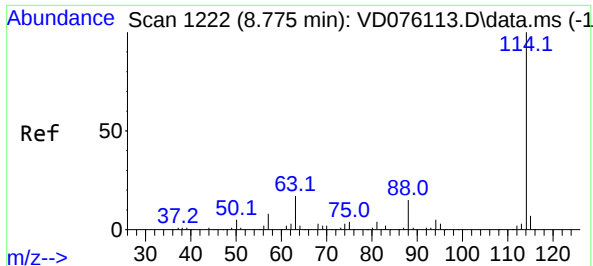
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#33
1,2-Dichloroethane-d4
Concen: 83.323 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Tgt Ion: 65 Resp: 4864
Ion Ratio Lower Upper
65 100
67 57.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076192.D

Acq: 23 May 2023 13:34

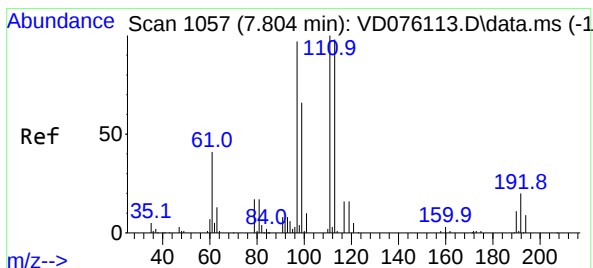
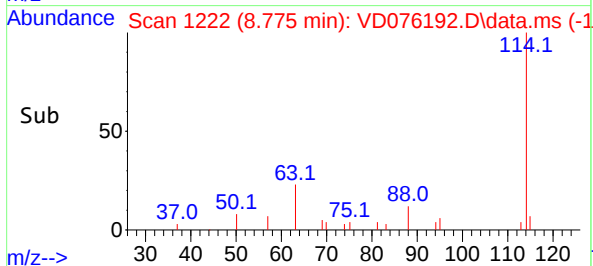
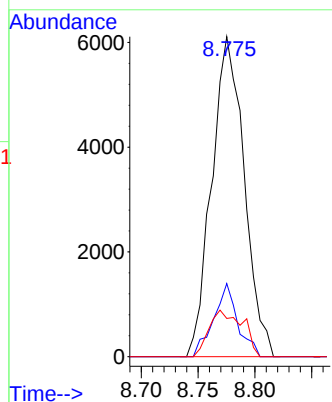
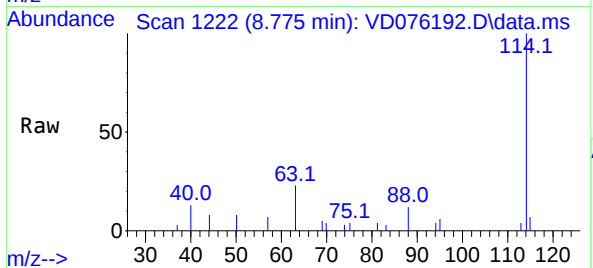
Instrument :

MSVOA_D

ClientSampleId :

EO-01-051823

Tgt Ion:	114	Resp:	12148
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.6
88	11.9	0.0	30.6



#35

Dibromofluoromethane

Concen: 64.214 ug/l

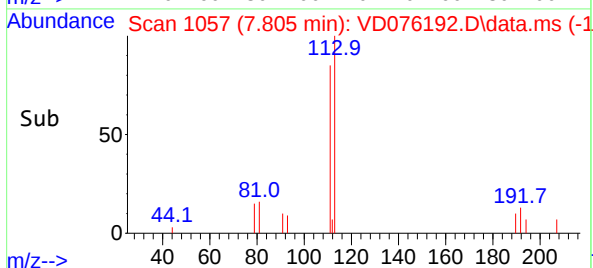
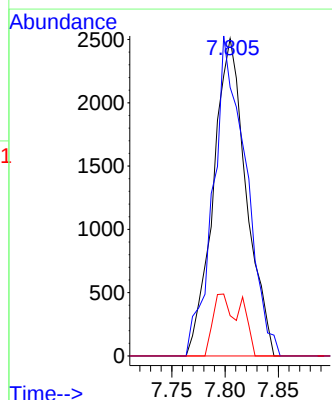
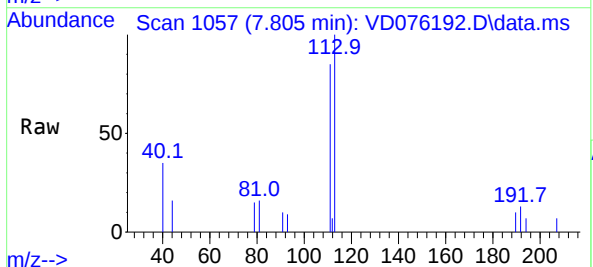
RT: 7.805 min Scan# 1057

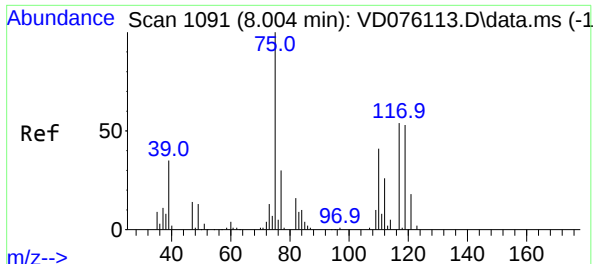
Delta R.T. -0.000 min

Lab File: VD076192.D

Acq: 23 May 2023 13:34

Tgt Ion:	113	Resp:	5392
Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.4	122.0
192	16.4	15.2	22.8

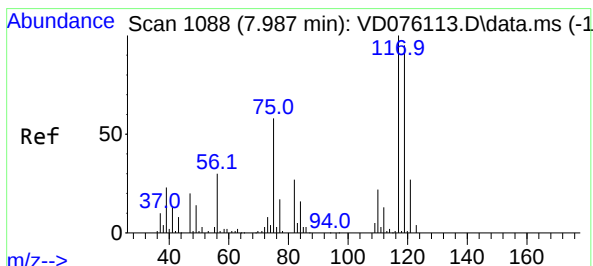
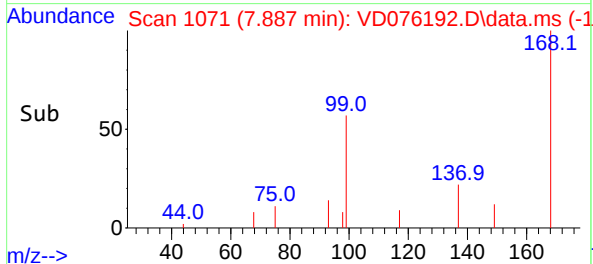
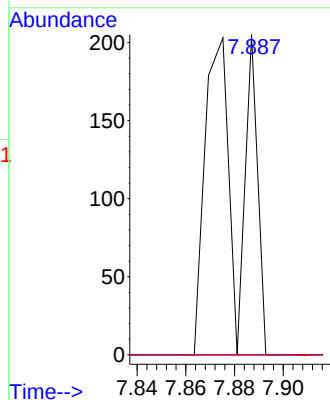
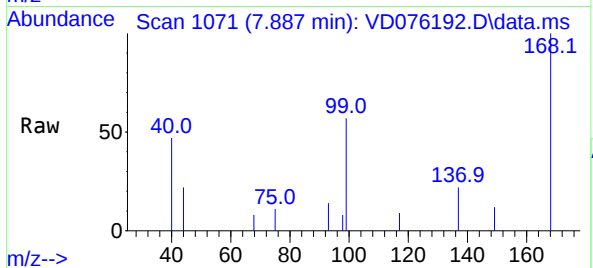




#36
1,1-Dichloropropene
Concen: 1.825 ug/l
RT: 7.887 min Scan# 1067
Delta R.T. -0.123 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

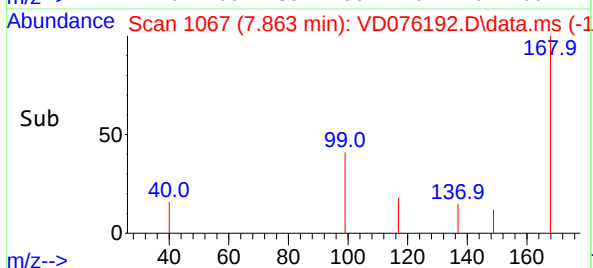
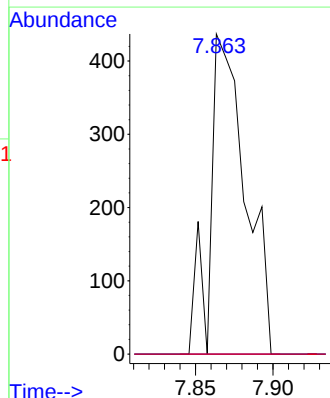
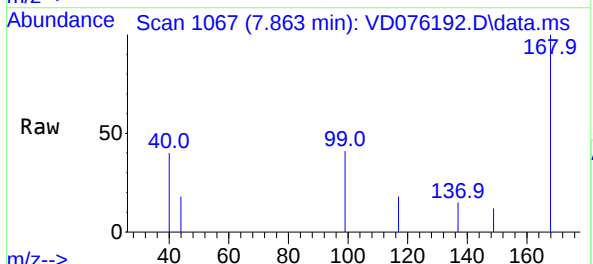
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

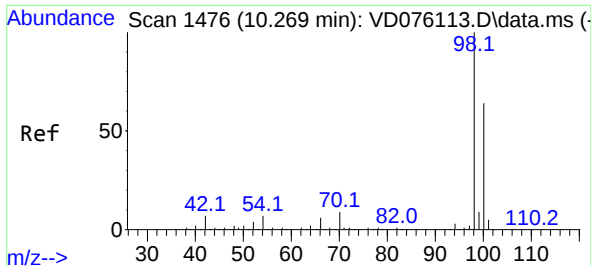
Tgt Ion: 75 Resp: 207
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.795 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.130 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Tgt Ion: 117 Resp: 696
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#

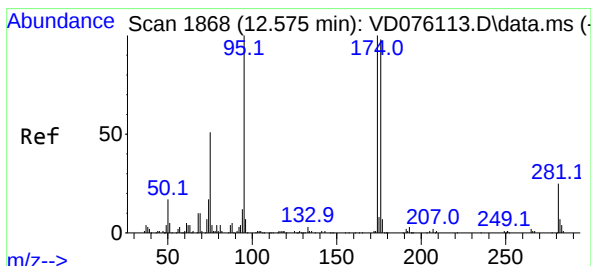
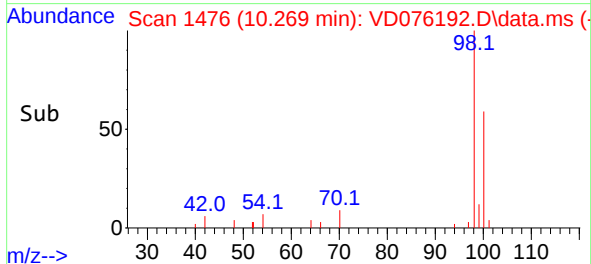
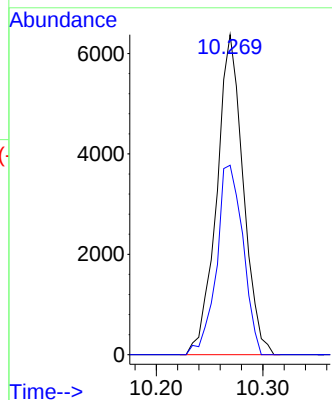
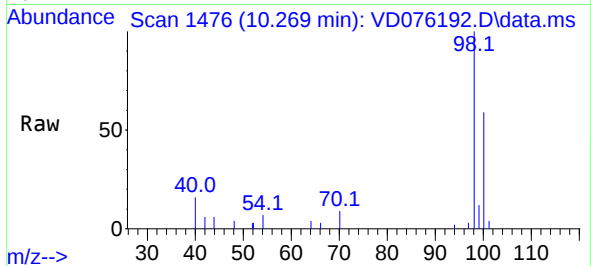




#50
Toluene-d8
Concen: 33.626 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

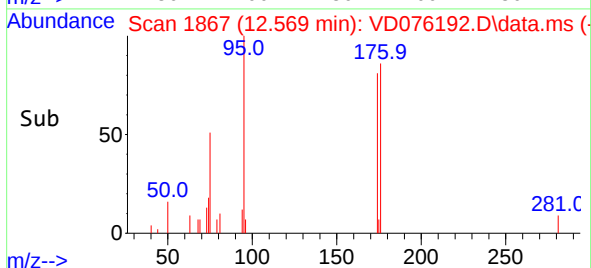
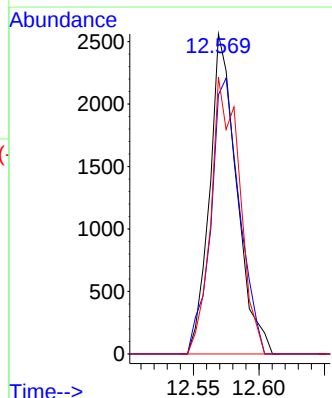
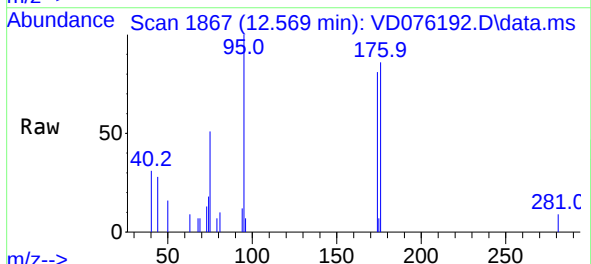
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EO-01-051823

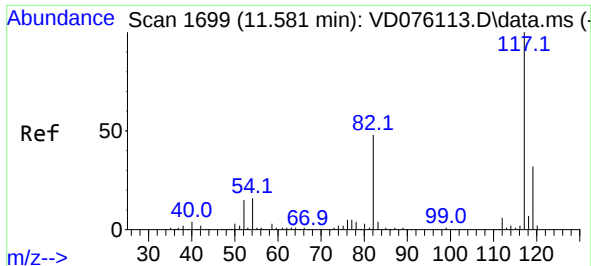
Tgt Ion: 98 Resp: 11007
Ion Ratio Lower Upper
98 100
100 59.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.416 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Tgt Ion: 95 Resp: 3675
Ion Ratio Lower Upper
95 100
174 91.0 0.0 164.0
176 91.1 0.0 156.8

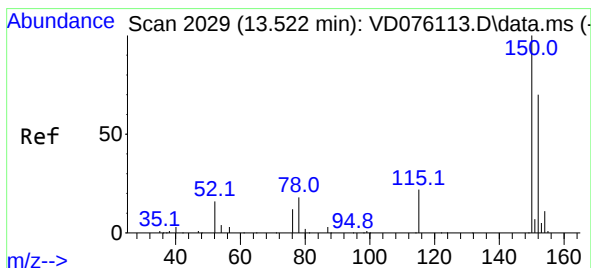
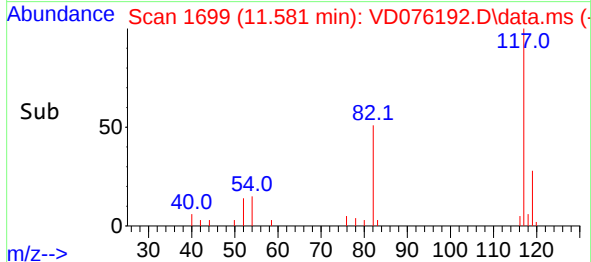
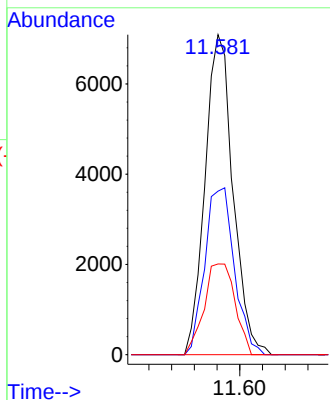
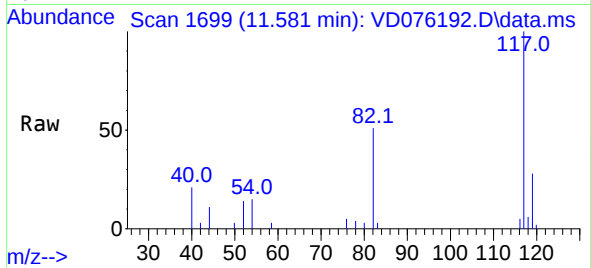




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

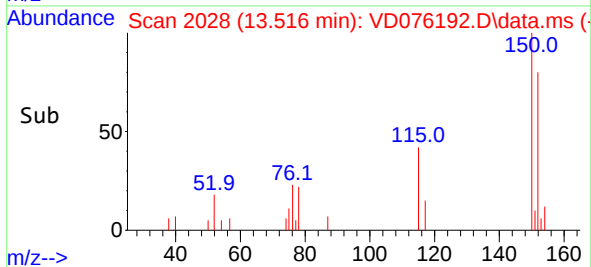
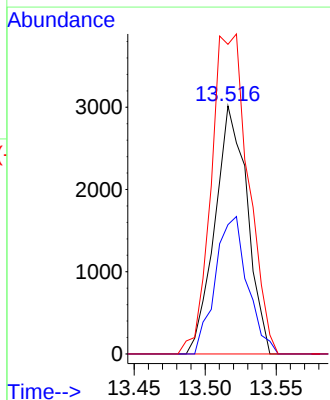
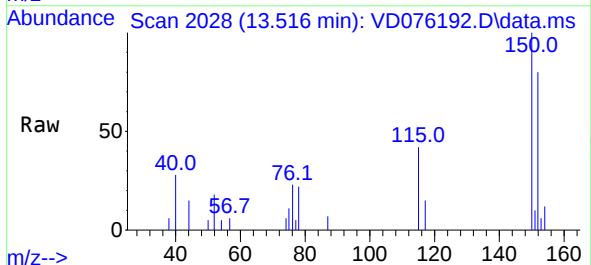
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

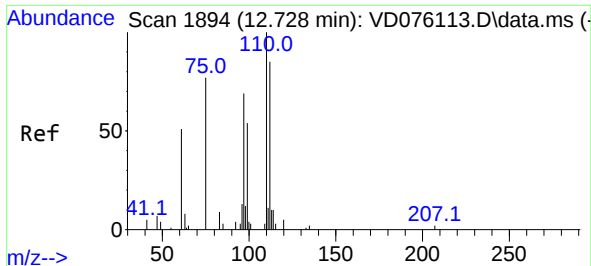
Tgt Ion:117	Resp:	12132
Ion	Ratio	Lower Upper
117	100	
82	51.1	44.0 66.0
119	28.4	25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Tgt Ion:152	Resp:	4775
Ion	Ratio	Lower Upper
152	100	
115	55.2	30.1 90.3
150	148.3	0.0 364.8

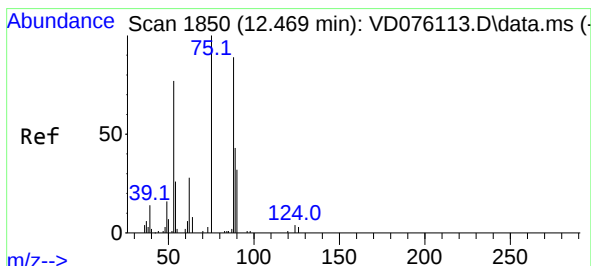
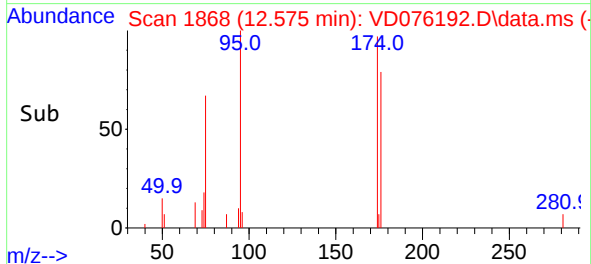
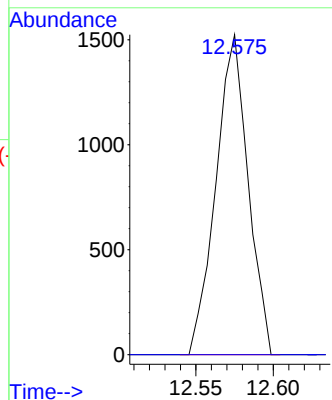
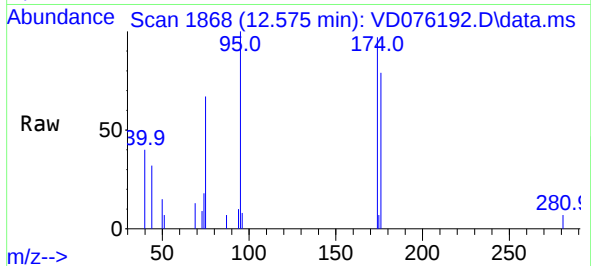




#76
1,2,3-Trichloropropane
Concen: 52.674 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

Tgt Ion: 75 Resp: 2201
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 110.501 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Tgt Ion: 75 Resp: 2201
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

