

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076180.D
 Acq On : 22 May 2023 17:22
 Operator : KP/SY
 Sample : 02846-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-051823

Quant Time: May 23 01:25:41 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)

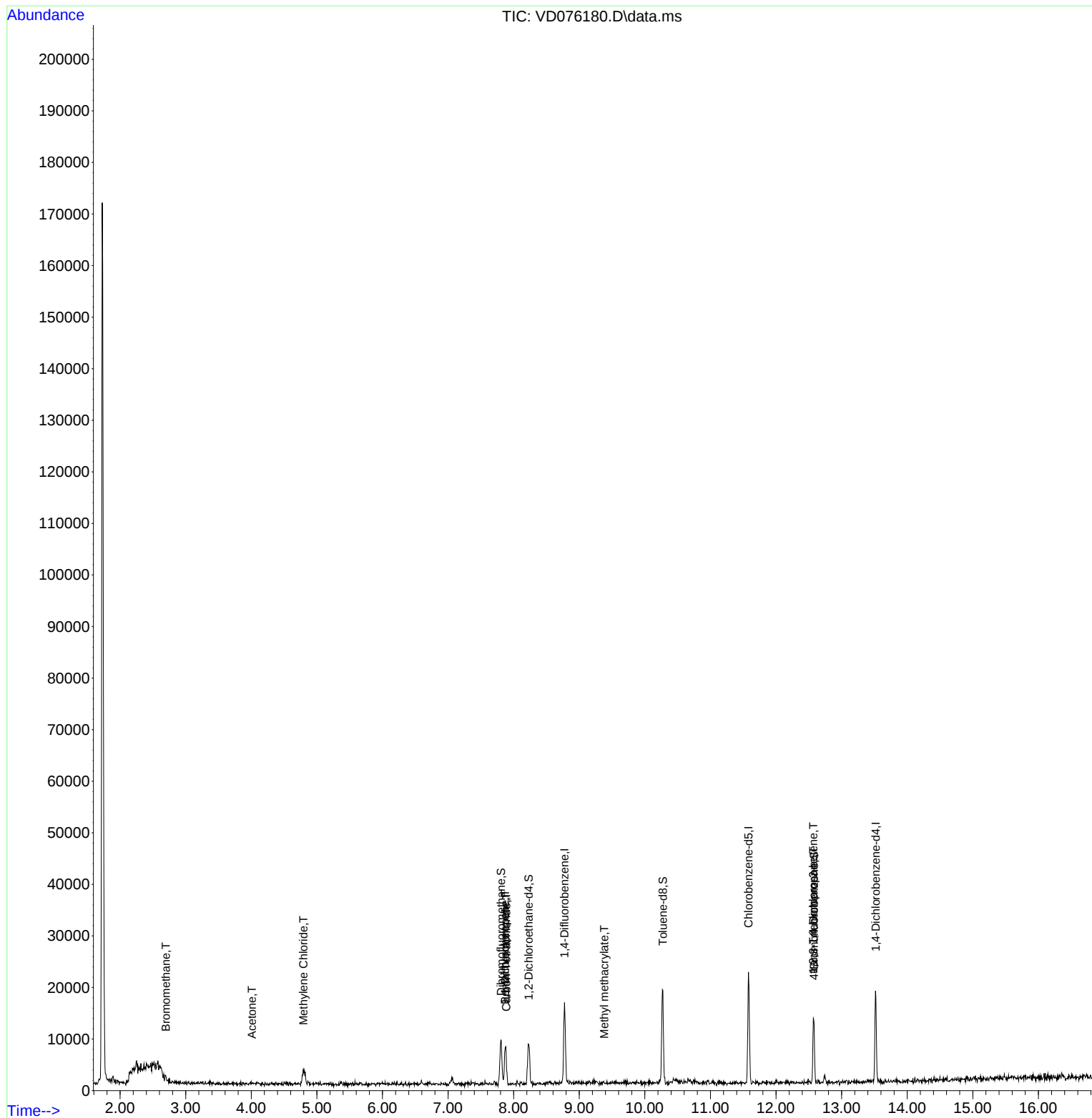
Internal Standards						
1) Pentafluorobenzene	7.869	168	7327	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	16809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	14240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	6743	95.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	190.440%#
35) Dibromofluoromethane	7.810	113	6406	55.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.280%
50) Toluene-d8	10.275	98	14942	32.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.980%
62) 4-Bromofluorobenzene	12.581	95	4329	34.407	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.820%
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	620	6.462	ug/l	95
16) Acetone	4.011	43	56	3.975	ug/l	# 44
20) Methylene Chloride	4.793	84	2375	14.680	ug/l	# 66
36) 1,1-Dichloropropene	7.869	75	584	3.722	ug/l	# 42
38) Carbon Tetrachloride	7.887	117	439	3.097	ug/l	# 13
48) Methyl methacrylate	9.381	41	54	1.202	ug/l	# 15
76) 1,2,3-Trichloropropane	12.569	75	2352	49.416	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	2352	103.667	ug/l	# 5

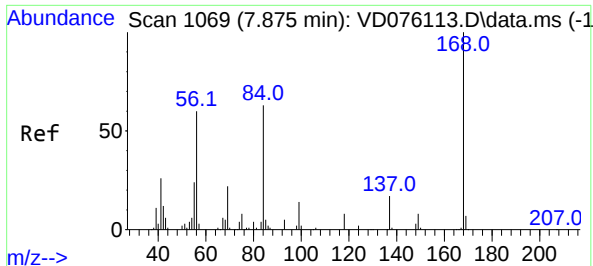
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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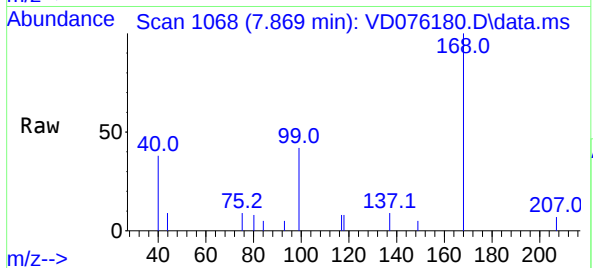
Quant Time: May 23 01:25:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration



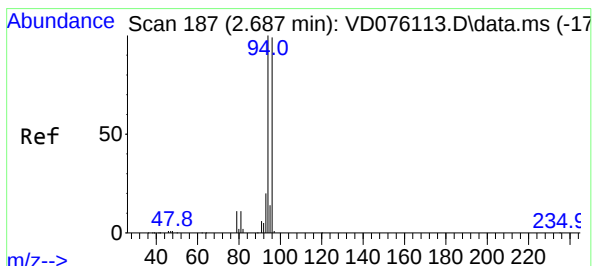
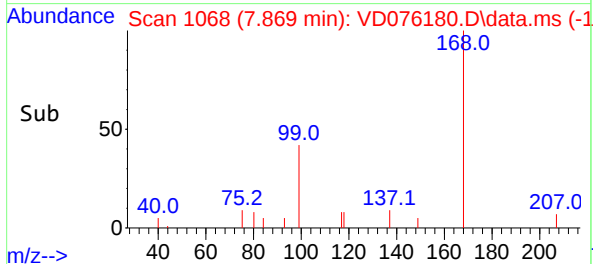
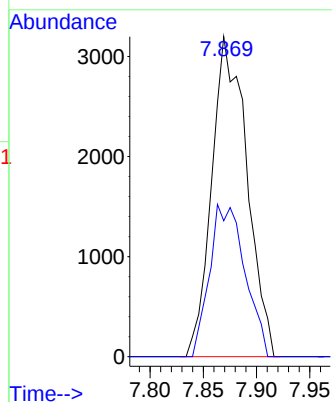


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

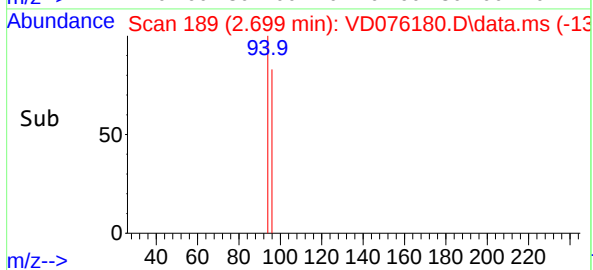
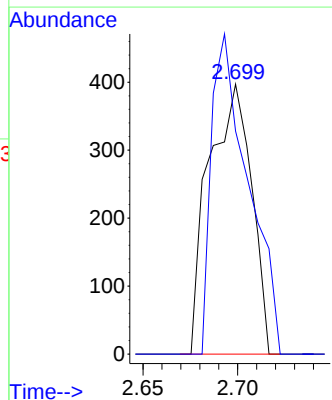
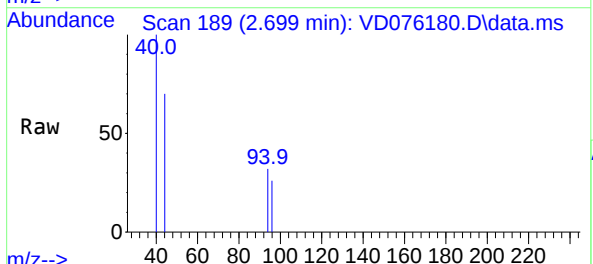


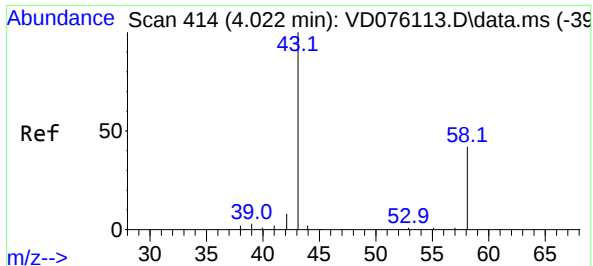
Tgt Ion:168 Resp: 7327
Ion Ratio Lower Upper
168 100
99 42.5 43.8 65.6#



#5
Bromomethane
Concen: 6.462 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

Tgt Ion: 94 Resp: 620
Ion Ratio Lower Upper
94 100
96 102.1 77.5 116.3

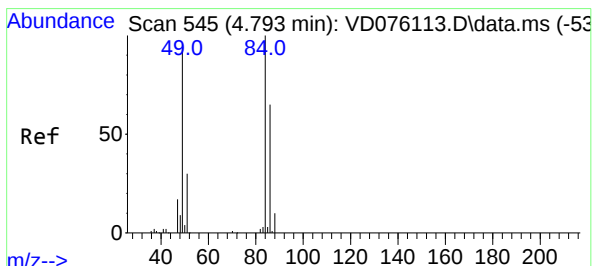
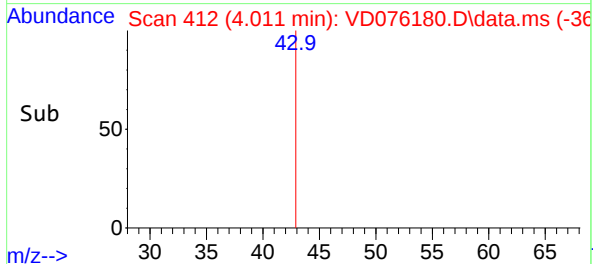
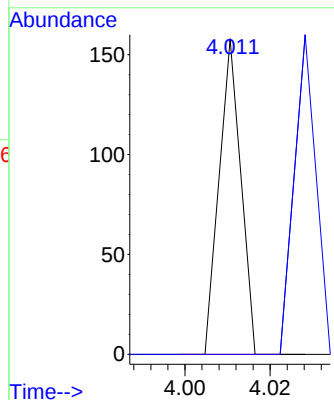
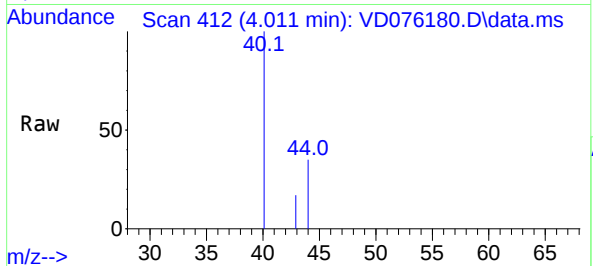




#16
Acetone
Concen: 3.975 ug/l
RT: 4.011 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

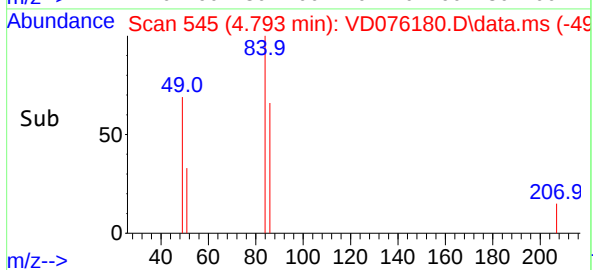
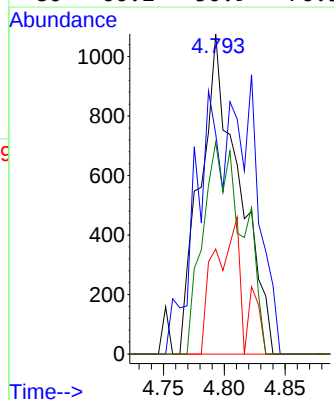
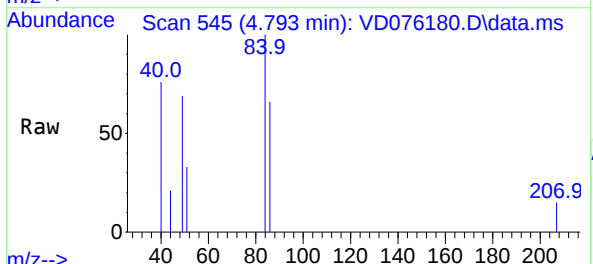
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

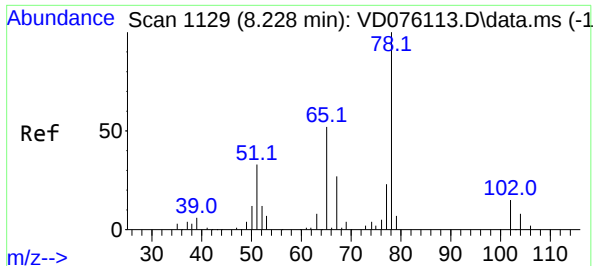
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#20
Methylene Chloride
Concen: 14.680 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

Tgt Ion: 84 Resp: 2375
Ion Ratio Lower Upper
84 100
49 68.8 106.4 159.6#
51 32.8 32.4 48.6
86 66.2 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 95.222 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076180.D

Acq: 22 May 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

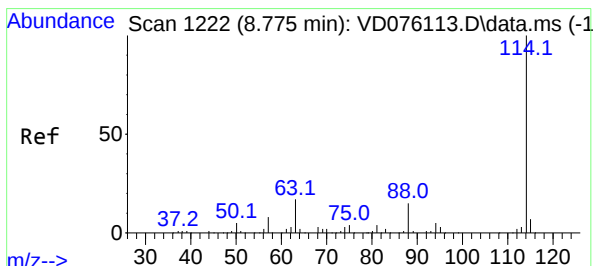
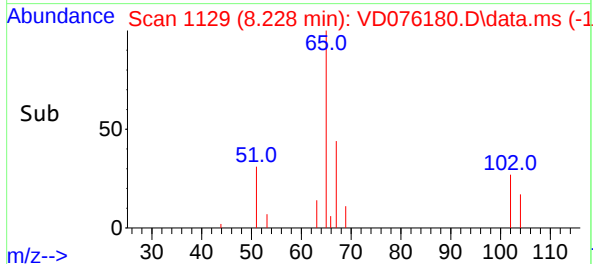
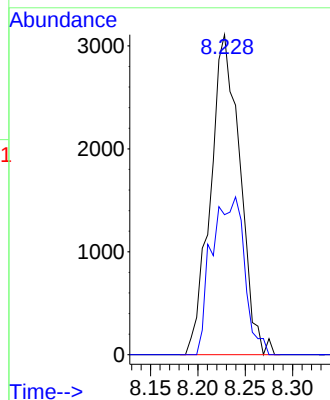
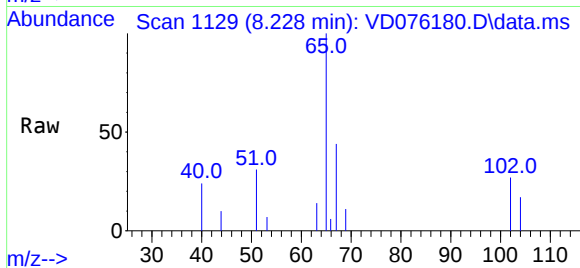
EO-01-051823

Tgt Ion: 65 Resp: 6743

Ion Ratio Lower Upper

65 100

67 54.6 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: VD076180.D

Acq: 22 May 2023 17:22

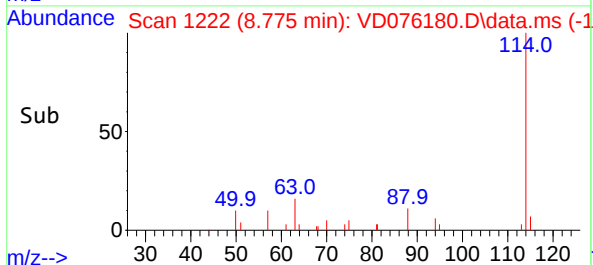
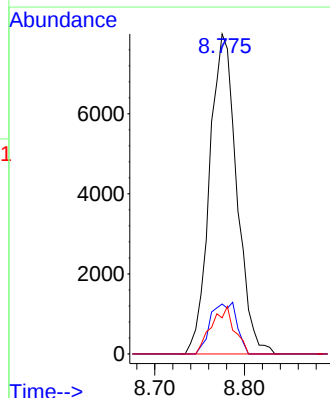
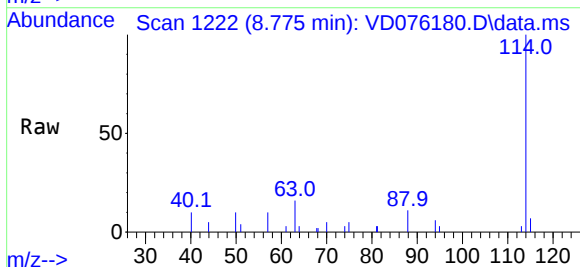
Tgt Ion: 114 Resp: 16809

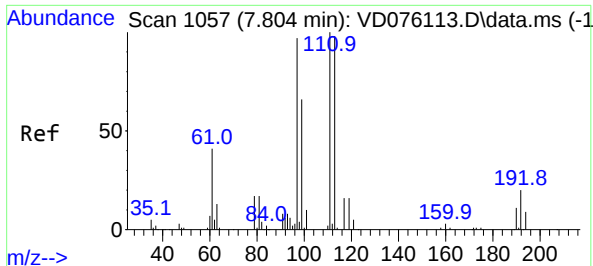
Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

88 11.3 0.0 30.6

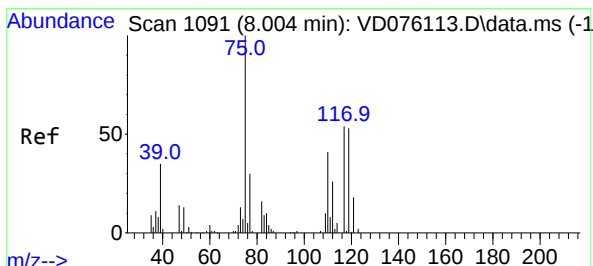
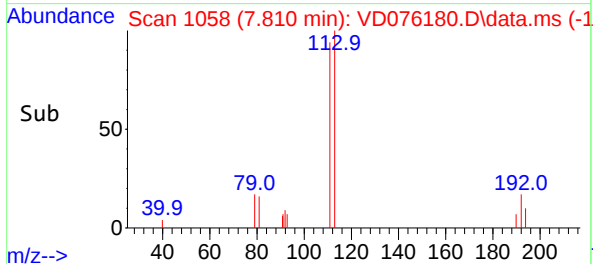
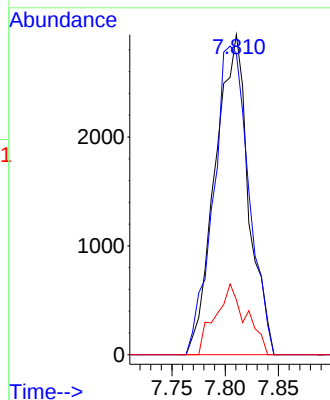
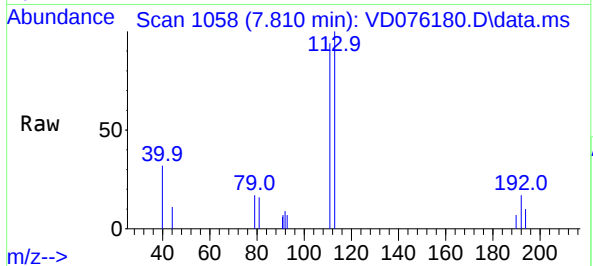




#35
Dibromofluoromethane
Concen: 55.135 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

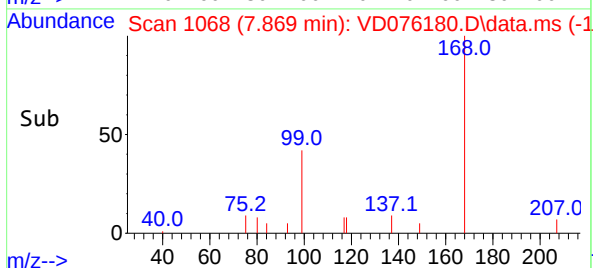
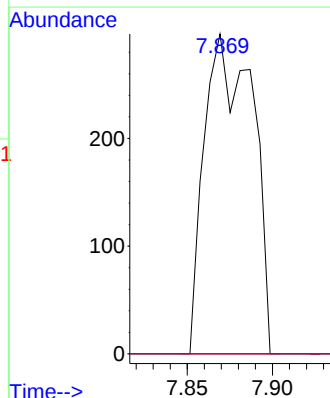
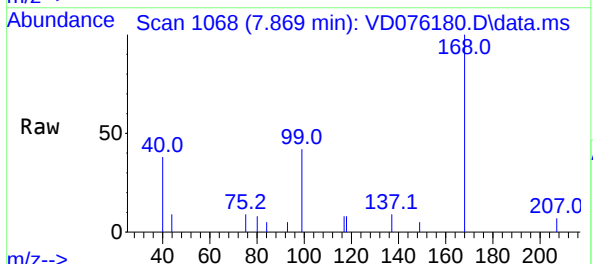
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

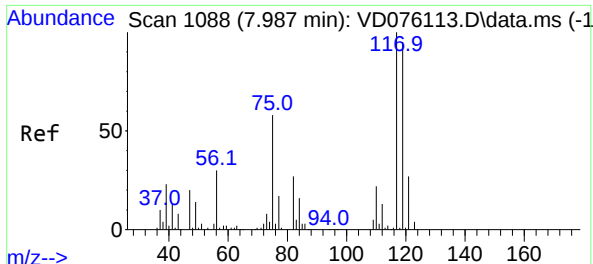
Tgt Ion:	113	Resp:	6406
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	20.4	15.2	22.8



#36
1,1-Dichloropropene
Concen: 3.722 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

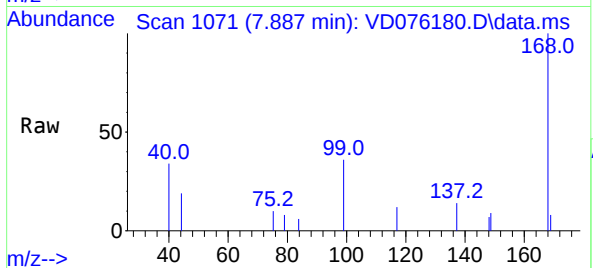
Tgt Ion:	75	Resp:	584
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#



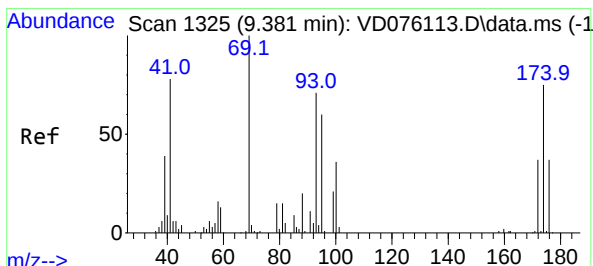
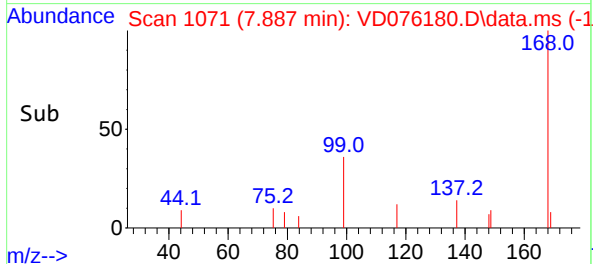
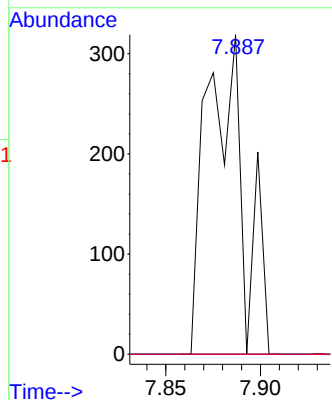


#38
Carbon Tetrachloride
Concen: 3.097 ug/l
RT: 7.887 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

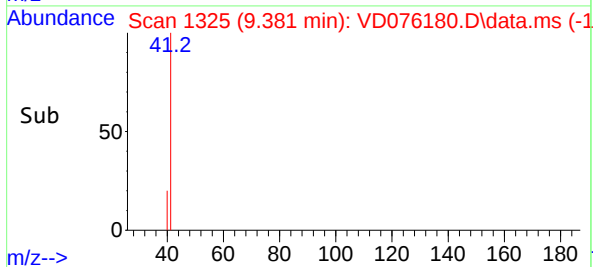
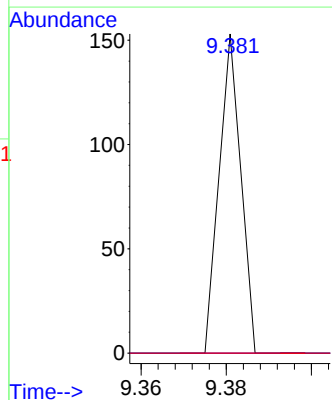
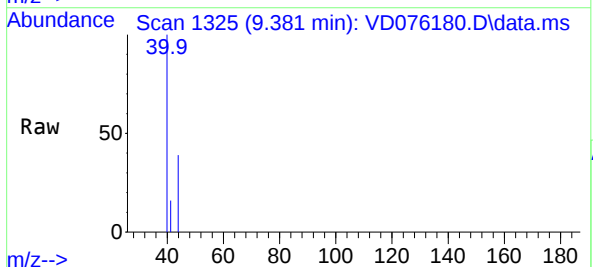


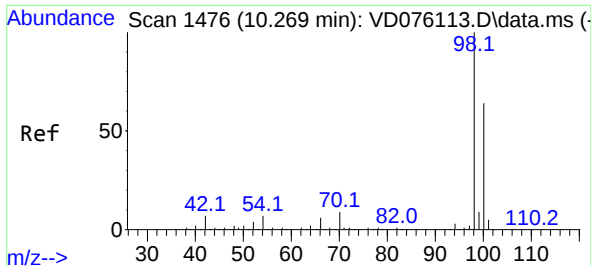
Tgt Ion:117 Resp: 439
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#48
Methyl methacrylate
Concen: 1.202 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

Tgt Ion: 41 Resp: 54
Ion Ratio Lower Upper
41 100
69 0.0 58.6 88.0#
39 0.0 53.4 80.0#

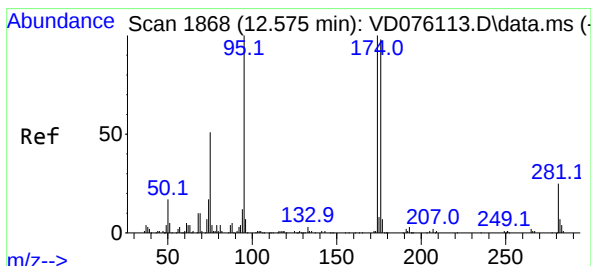
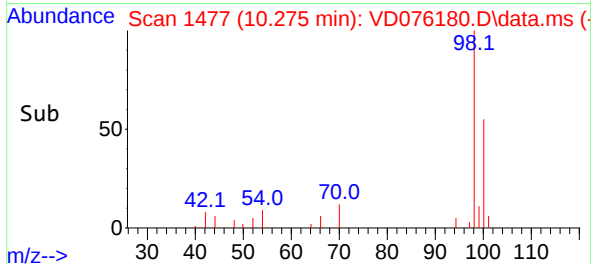
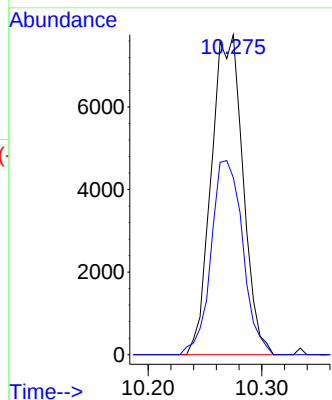
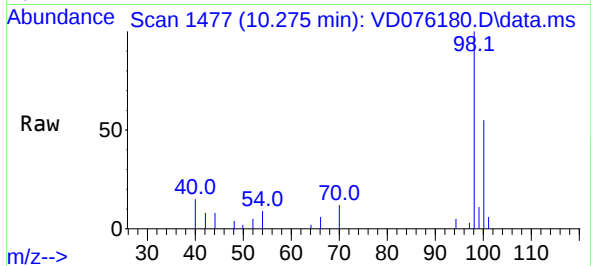




#50
Toluene-d8
Concen: 32.990 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

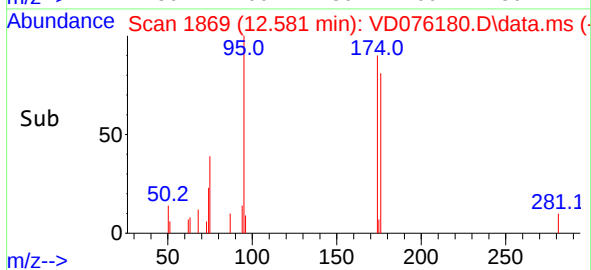
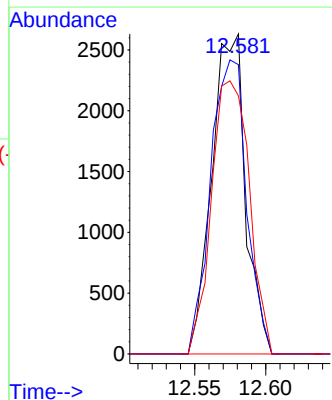
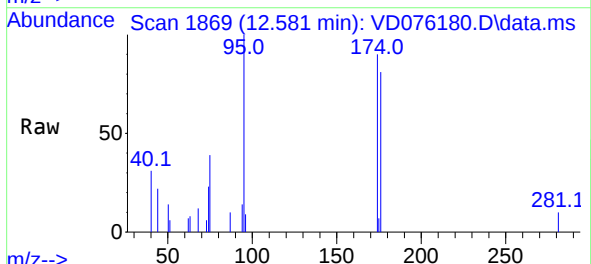
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MSVOA_D
ClientSampleId :
EO-01-051823

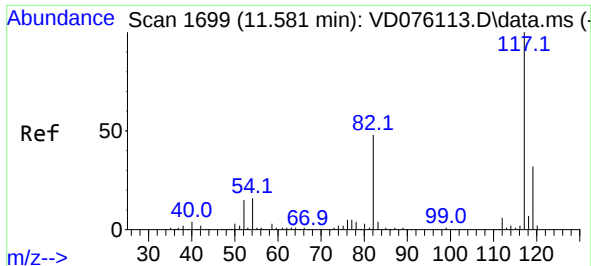
Tgt Ion: 98 Resp: 14942
Ion Ratio Lower Upper
98 100
100 60.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 34.407 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

Tgt Ion: 95 Resp: 4329
Ion Ratio Lower Upper
95 100
174 98.2 0.0 164.0
176 96.1 0.0 156.8

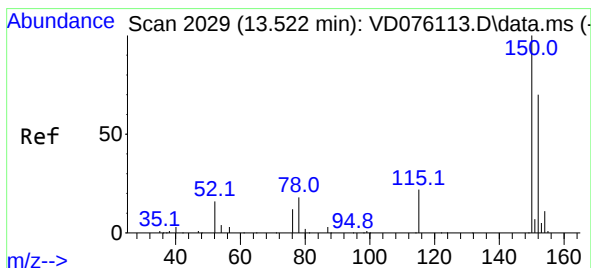
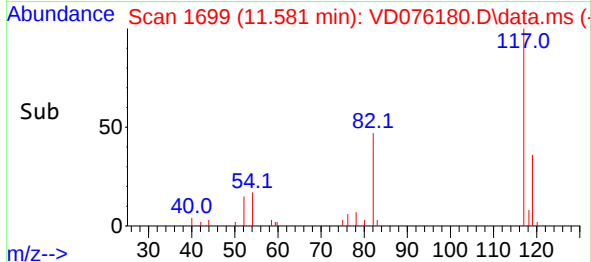
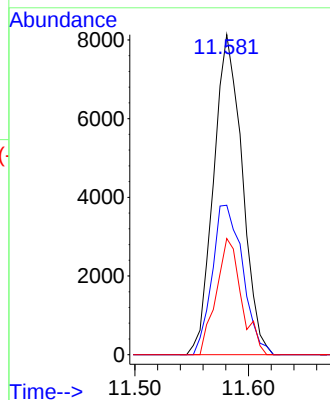
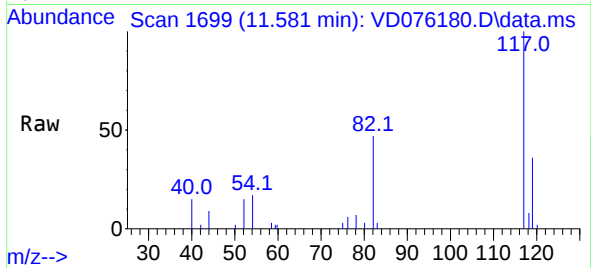




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

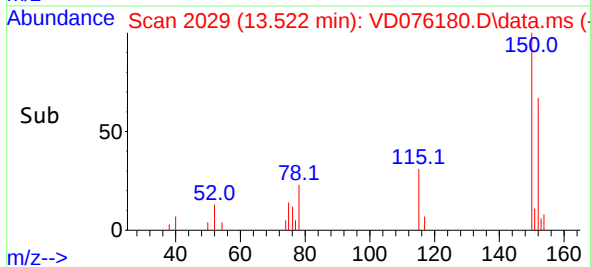
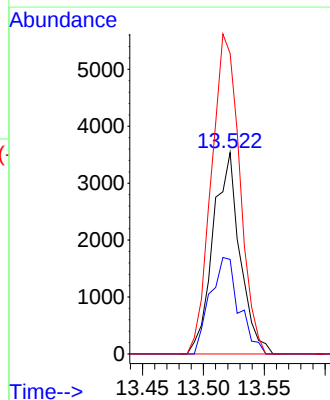
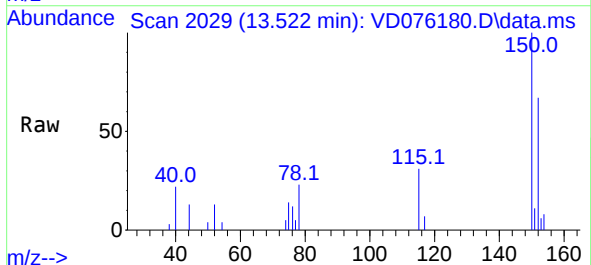
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

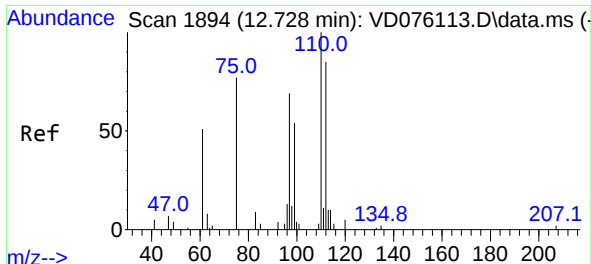
Tgt Ion:117	Resp:	14240
Ion	Ratio	Lower Upper
117	100	
82	46.7	44.0 66.0
119	36.3	25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

Tgt Ion:152	Resp:	5439
Ion	Ratio	Lower Upper
152	100	
115	51.5	30.1 90.3
150	167.0	0.0 364.8

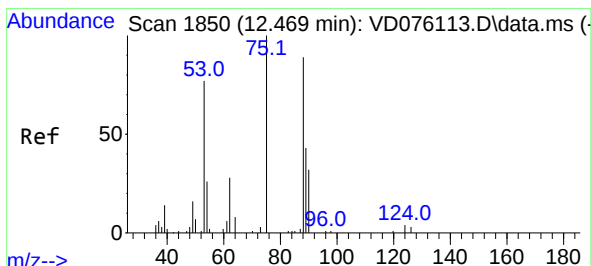
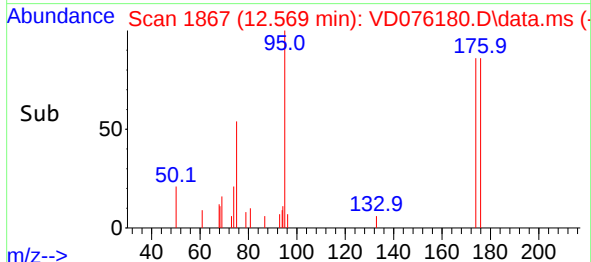
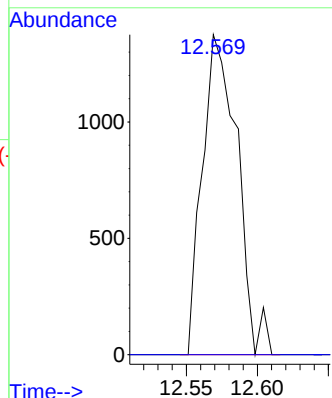
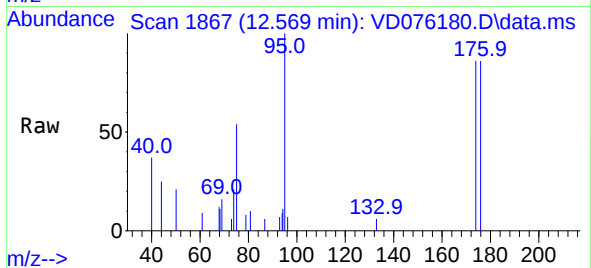




#76
1,2,3-Trichloropropane
Concen: 49.416 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

Tgt Ion: 75 Resp: 2352
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 103.667 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.094 min
Lab File: VD076180.D
Acq: 22 May 2023 17:22

Tgt Ion: 75 Resp: 2352
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

