

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075177.D
 Acq On : 23 Jan 2023 15:55
 Operator : KP/SY
 Sample : 01240-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-011923

Quant Time: Jan 23 16:38:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

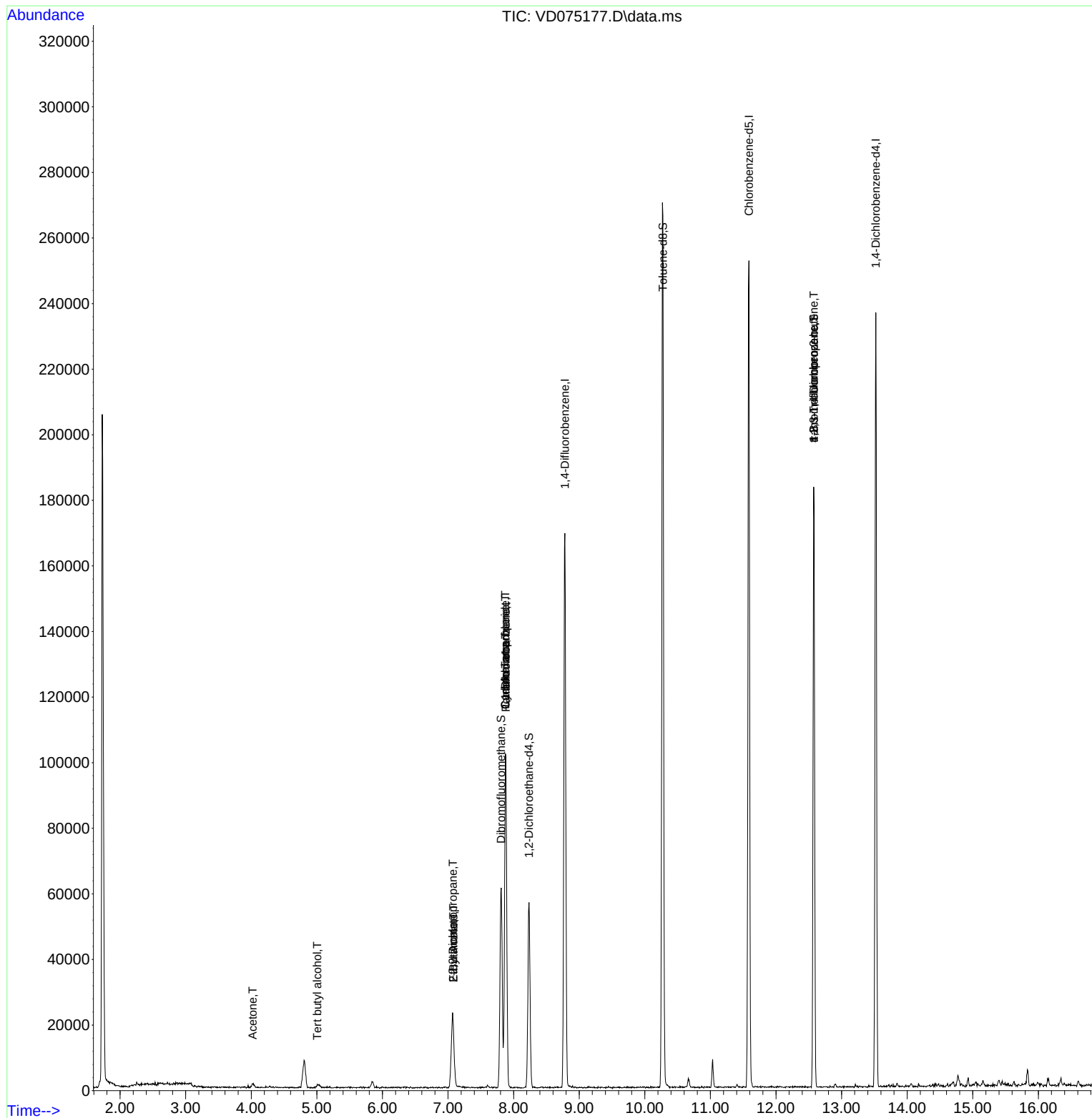
Internal Standards						
1) Pentafluorobenzene	7.881	168	75769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	150671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	140354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44103	57.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.810	113	45296	49.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.275	98	189866	52.964	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.920%
62) 4-Bromofluorobenzene	12.575	95	60109	52.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.005	59	394	7.305	ug/l #	89
16) Acetone	4.022	43	2397	11.755	ug/l #	72
20) Methylene Chloride	4.805	84	6736	Below Cal		91
25) 2-Butanone	7.081	43	1296	5.258	ug/l #	50
26) 2,2-Dichloropropane	7.075	77	1796	1.223	ug/l #	51
31) Cyclohexane	7.875	56	1874	1.209	ug/l #	14
36) 1,1-Dichloropropene	7.875	75	6708	4.586	ug/l #	47
37) Ethyl Acetate	7.081	43	1296	2.199	ug/l #	6
38) Carbon Tetrachloride	7.875	117	7951	6.456	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	31631	62.050	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	31631	143.930	ug/l #	14

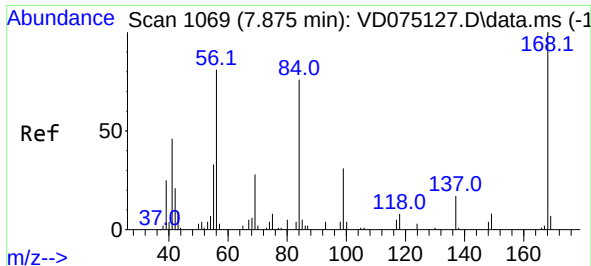
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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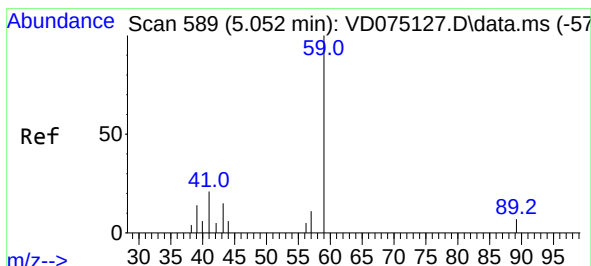
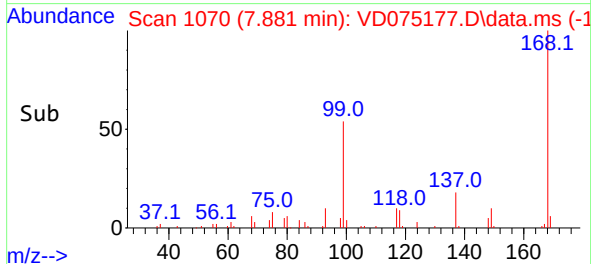
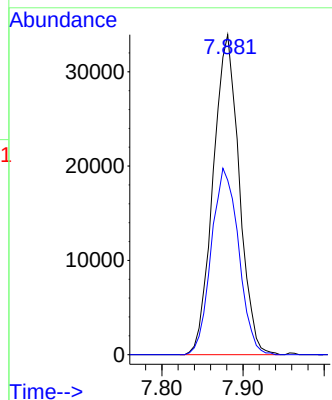
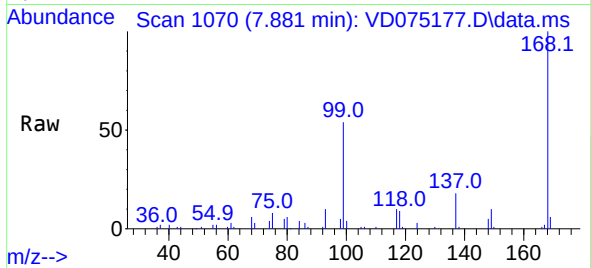




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

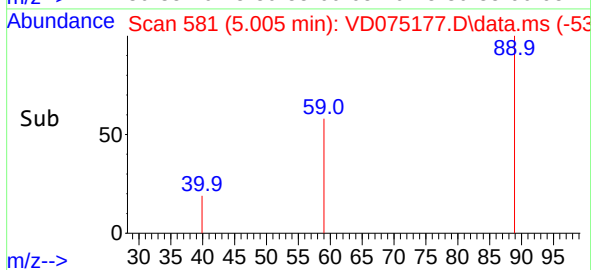
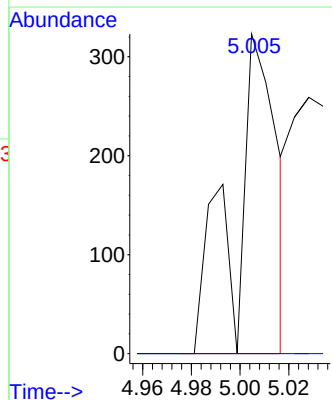
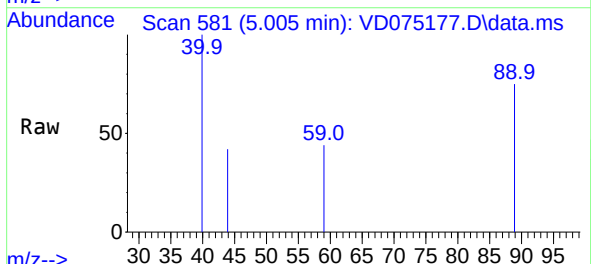
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

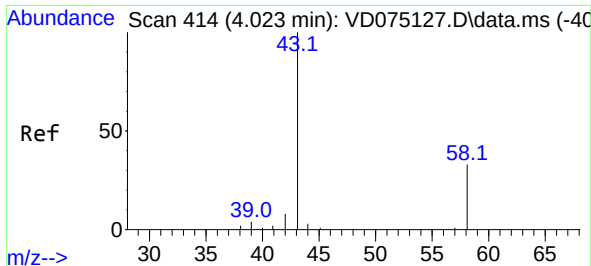
Tgt Ion:168 Resp: 75769
Ion Ratio Lower Upper
168 100
99 54.5 45.2 67.8



#11
Tert butyl alcohol
Concen: 7.305 ug/l
RT: 5.005 min Scan# 581
Delta R.T. -0.047 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#

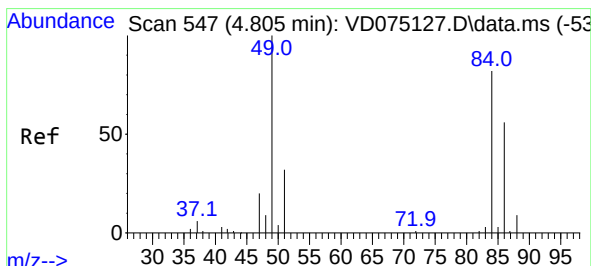
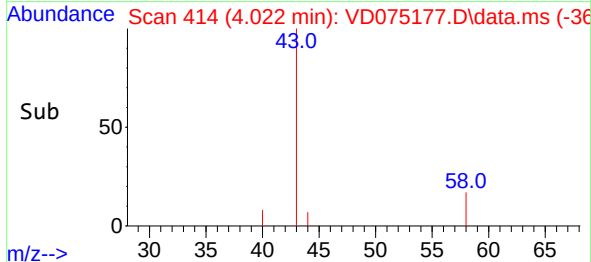
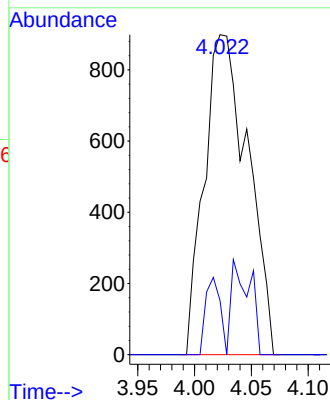
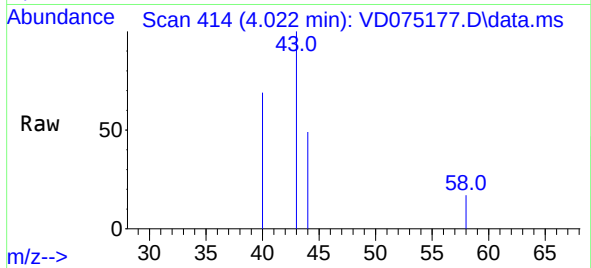




#16
Acetone
Concen: 11.755 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

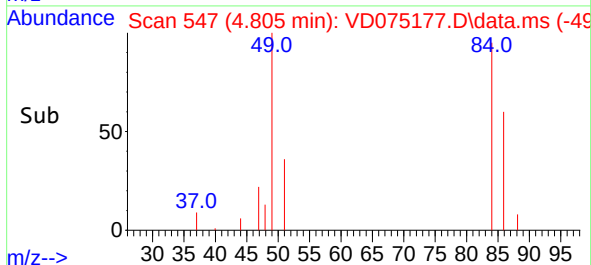
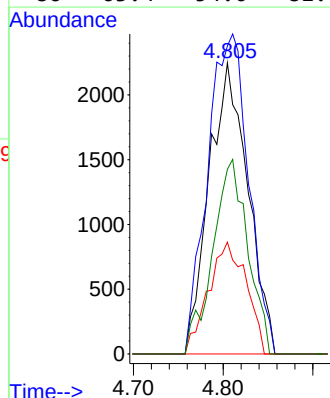
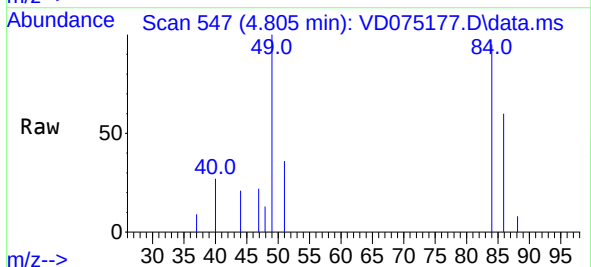
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

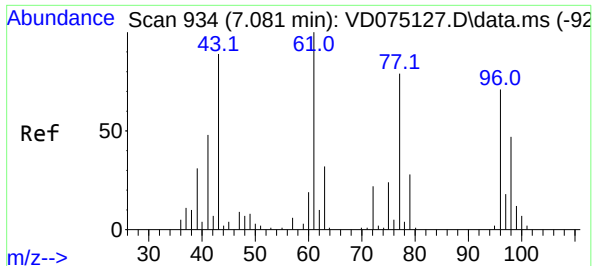
Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
58 16.9 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Tgt Ion: 84 Resp: 6736
Ion Ratio Lower Upper
84 100
49 105.8 97.0 145.6
51 38.4 30.9 46.3
86 63.4 54.0 81.0





#25

2-Butanone

Concen: 5.258 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075177.D

Acq: 23 Jan 2023 15:55

Instrument :

MSVOA_D

ClientSampleId :

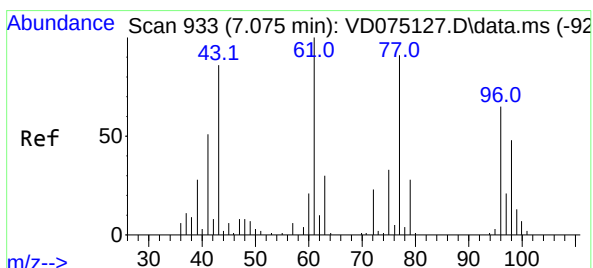
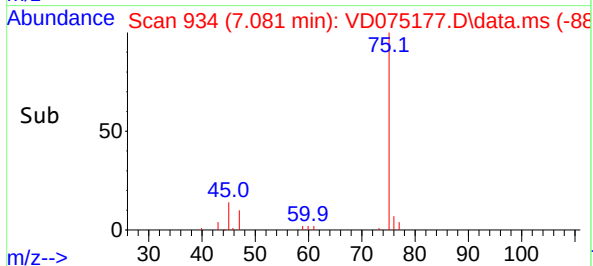
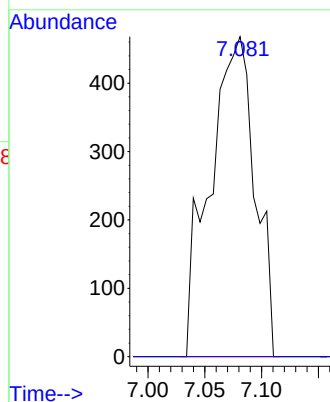
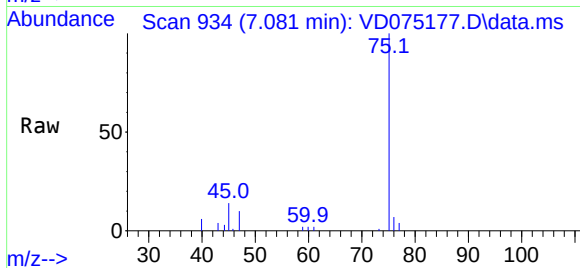
TR-05-011923

Tgt Ion: 43 Resp: 1296

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 1.223 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD075177.D

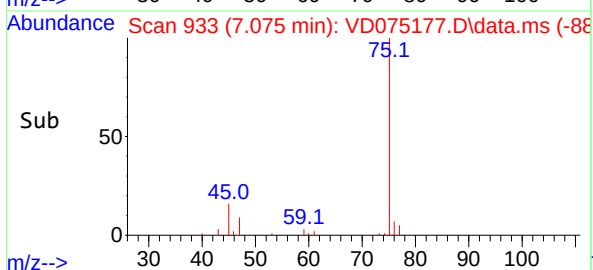
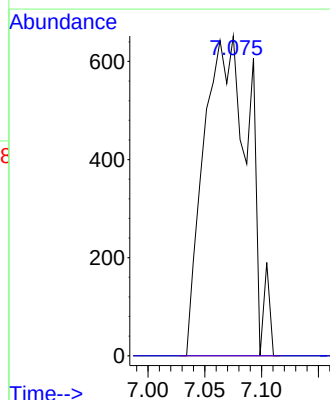
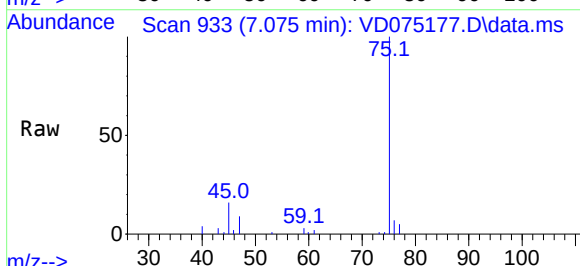
Acq: 23 Jan 2023 15:55

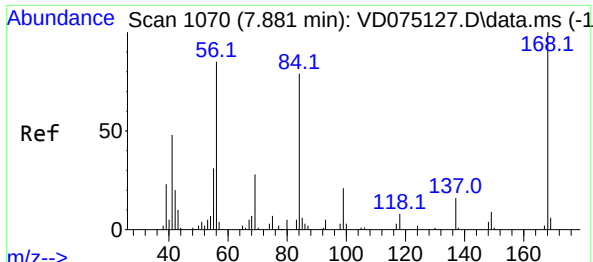
Tgt Ion: 77 Resp: 1796

Ion Ratio Lower Upper

77 100

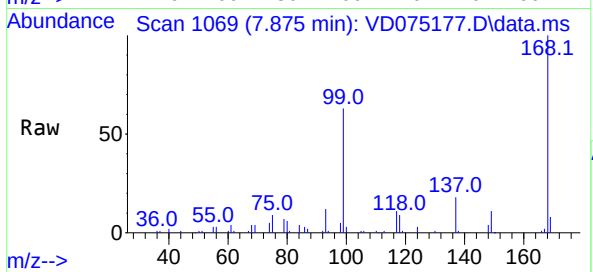
97 0.0 12.0 36.0#



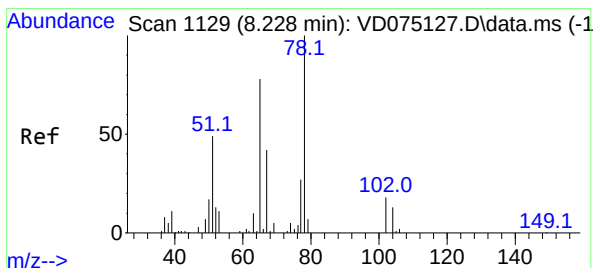
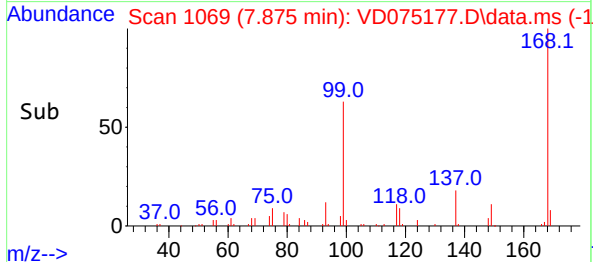
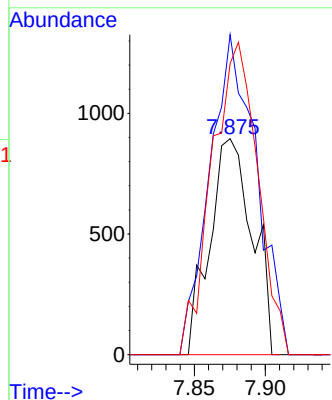


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

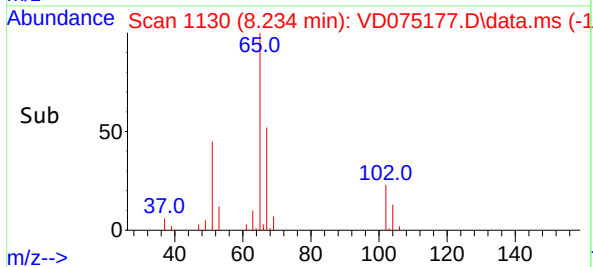
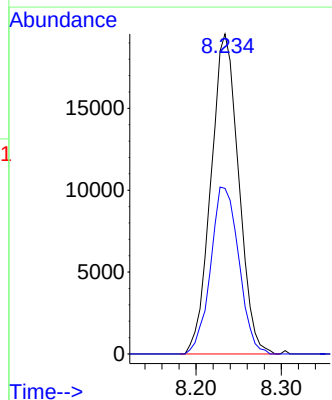
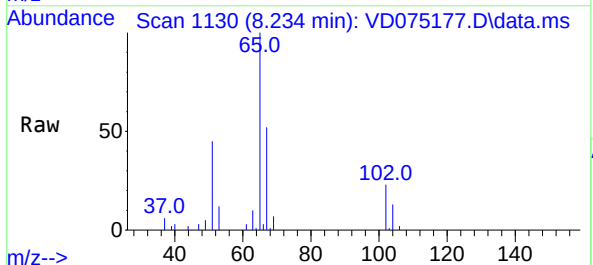


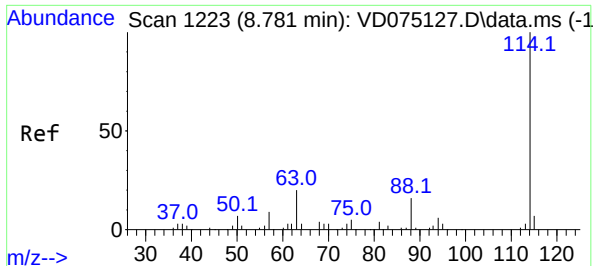
Tgt Ion: 56 Resp: 1874
Ion Ratio Lower Upper
56 100
69 148.2 26.6 40.0#
84 134.7 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 57.042 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Tgt Ion: 65 Resp: 44103
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2

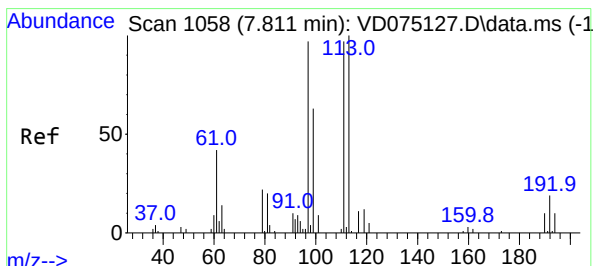
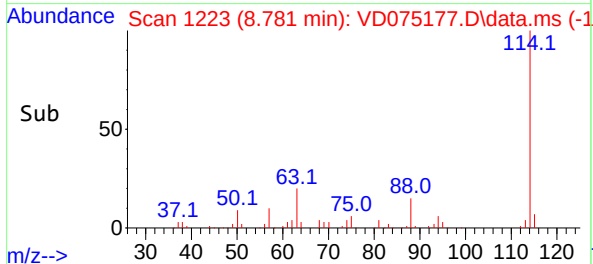
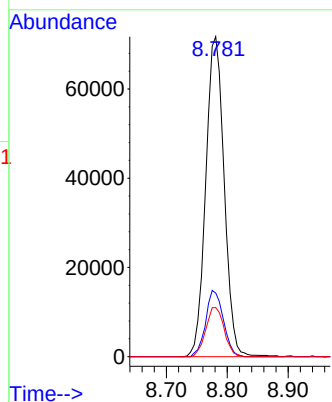
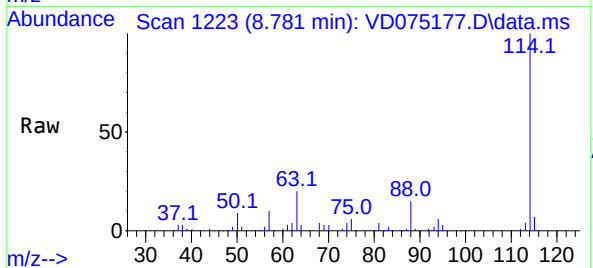




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

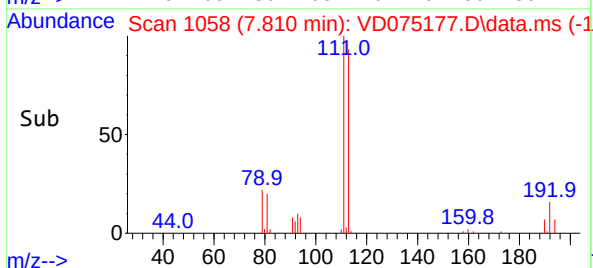
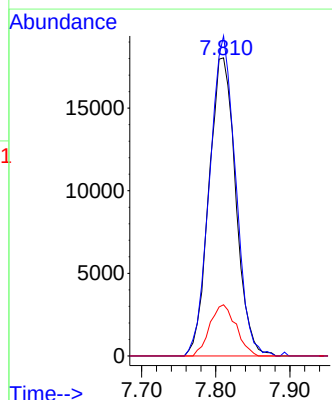
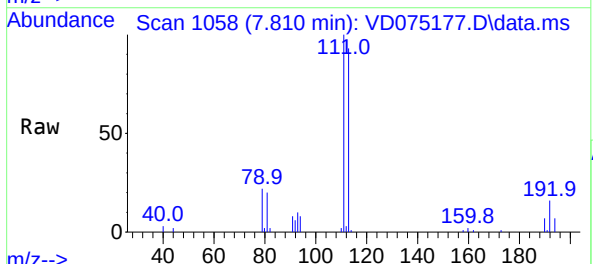
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

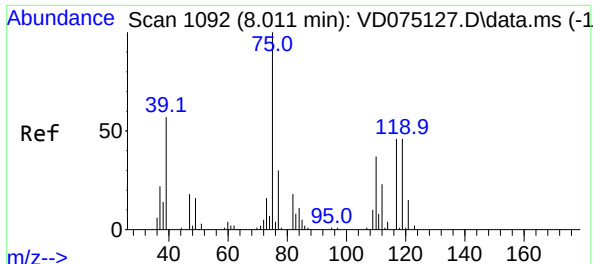
Tgt Ion:114 Resp: 150671
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 15.4 0.0 32.2



#35
Dibromofluoromethane
Concen: 49.751 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Tgt Ion:113 Resp: 45296
Ion Ratio Lower Upper
113 100
111 104.2 80.1 120.1
192 16.9 15.4 23.0

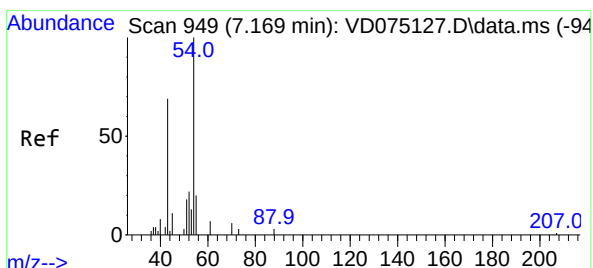
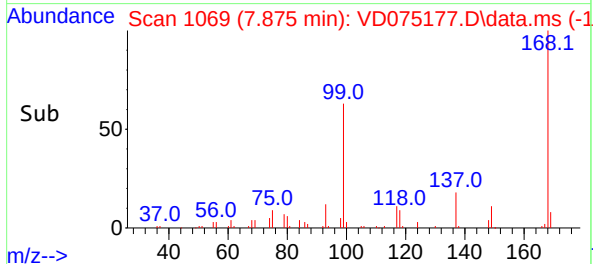
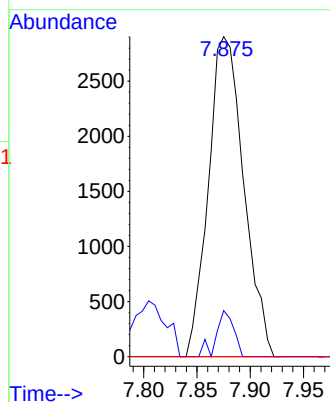
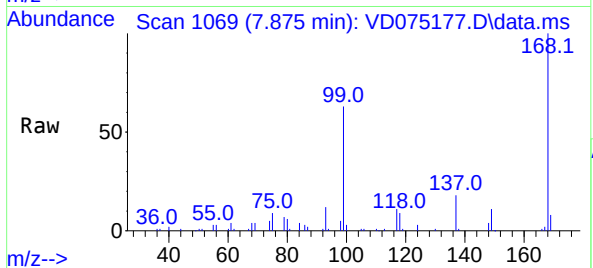




#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 7.875 min Scan# 1092
Delta R.T. -0.135 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

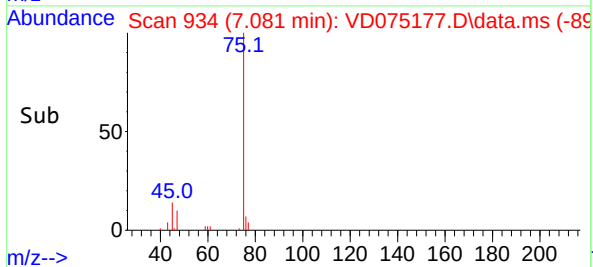
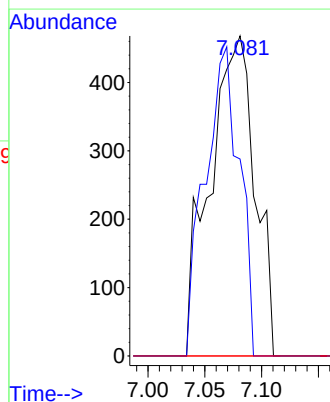
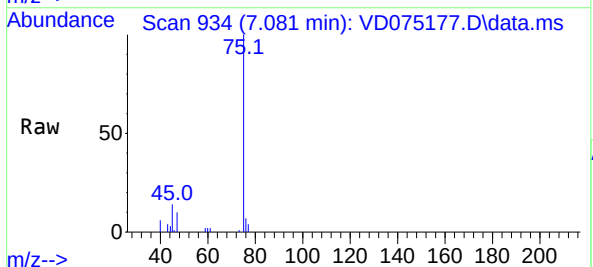
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MSVOA_D
ClientSampleId :
TR-05-011923

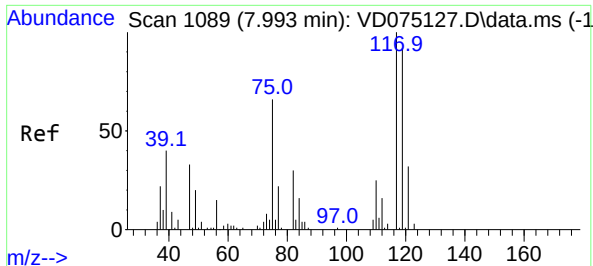
Tgt Ion: 75 Resp: 6708
Ion Ratio Lower Upper
75 100
110 7.1 18.1 54.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.199 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.088 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
61 73.4 11.7 17.5#
70 0.0 8.8 13.2#

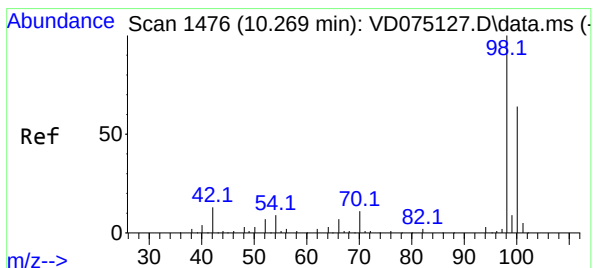
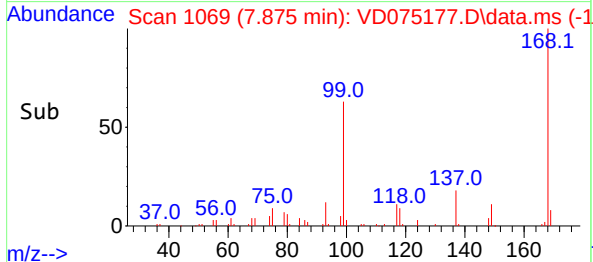
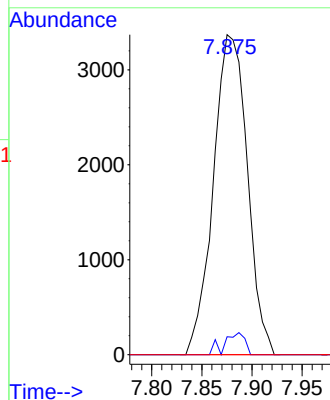
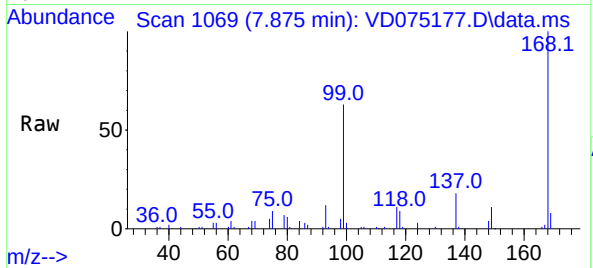




#38
Carbon Tetrachloride
Concen: 6.456 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

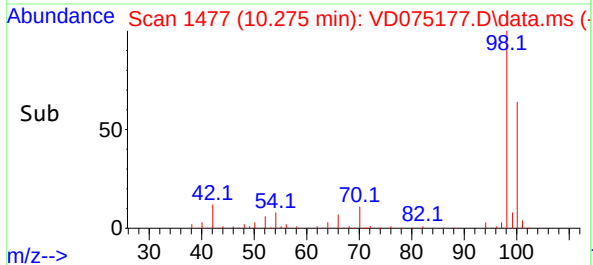
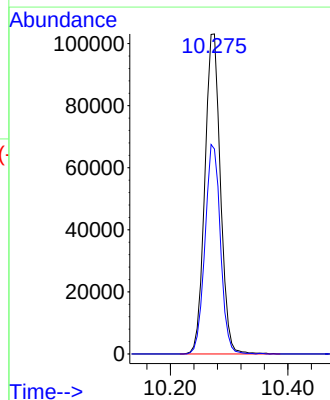
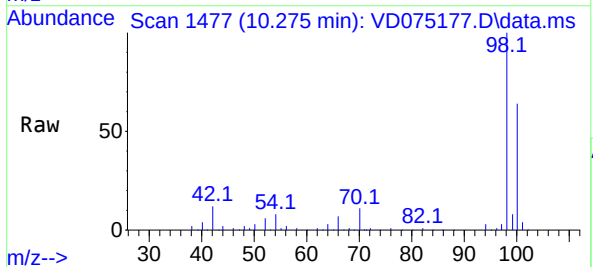
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

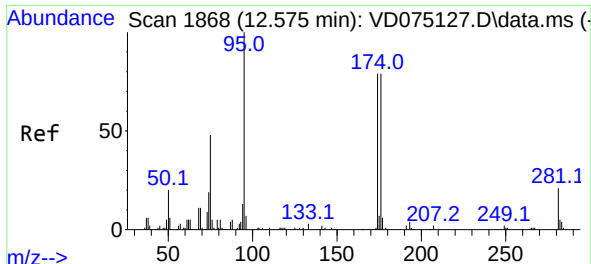
Tgt Ion:117 Resp: 7951
Ion Ratio Lower Upper
117 100
119 5.6 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.964 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Tgt Ion: 98 Resp: 189866
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1

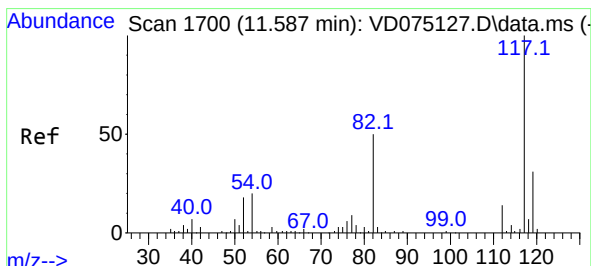
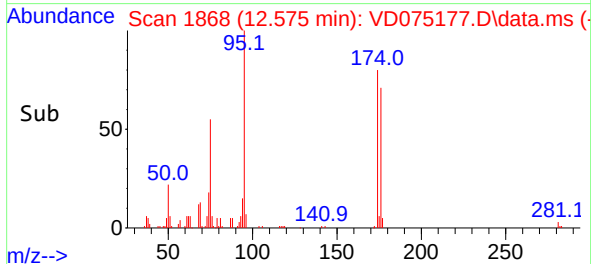
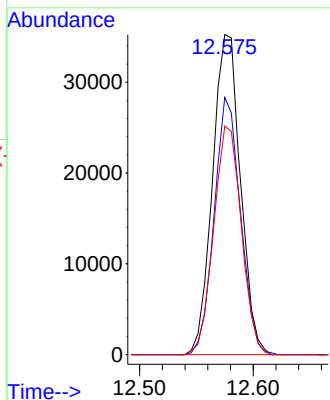
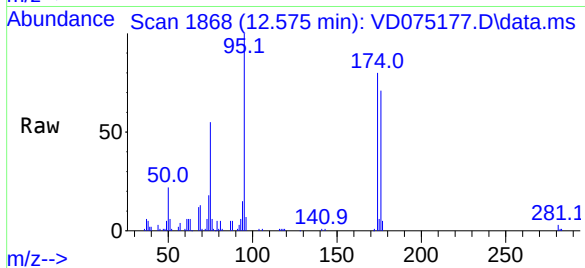




#62
4-Bromofluorobenzene
Concen: 52.833 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

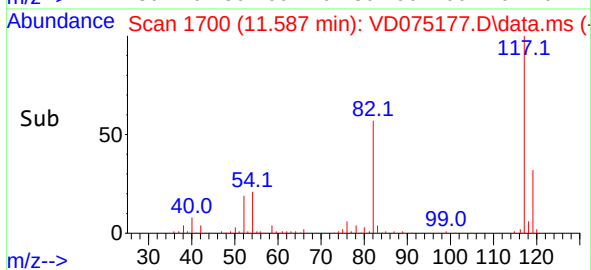
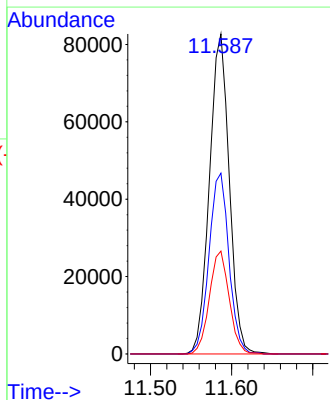
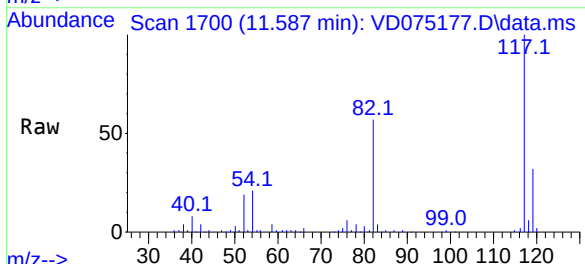
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

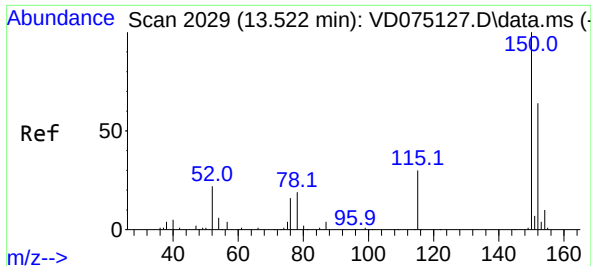
Tgt Ion: 95 Resp: 60109
Ion Ratio Lower Upper
95 100
174 75.8 0.0 161.2
176 70.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Tgt Ion: 117 Resp: 140354
Ion Ratio Lower Upper
117 100
82 56.5 39.6 59.4
119 32.2 24.6 37.0

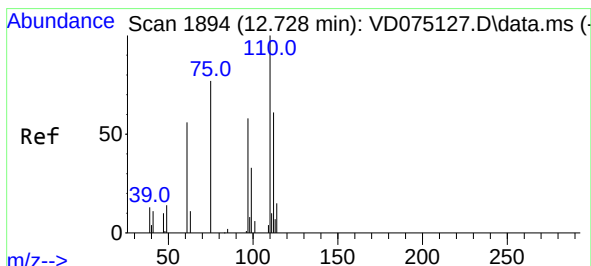
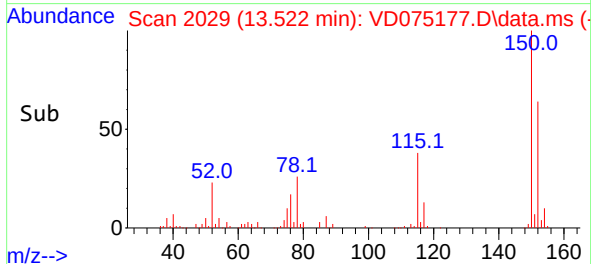
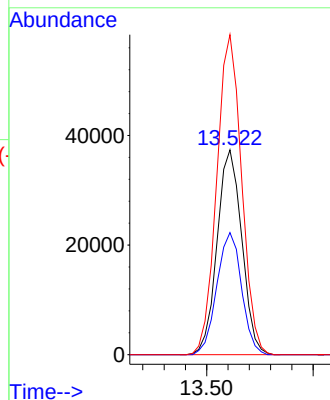
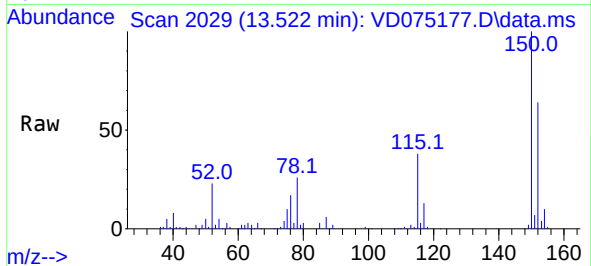




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

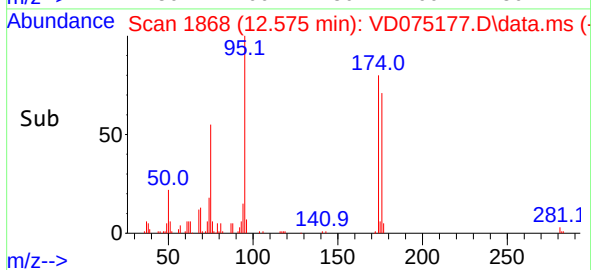
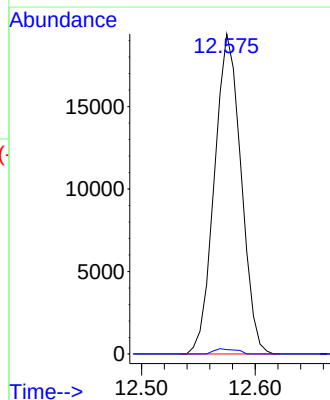
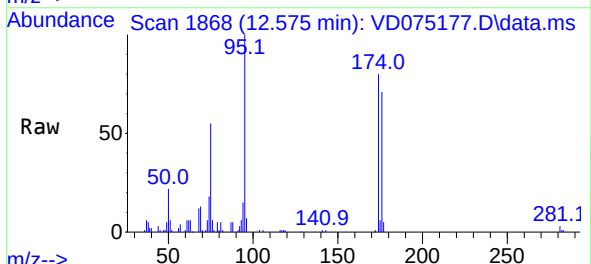
Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

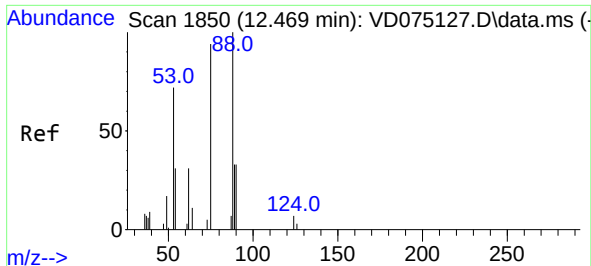
Tgt Ion:152 Resp: 60190
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.4
150 157.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 62.050 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

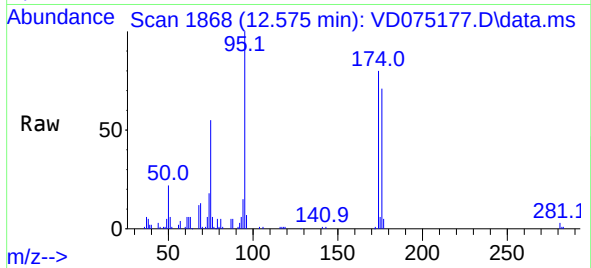
Tgt Ion: 75 Resp: 31631
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.930 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075177.D
 Acq: 23 Jan 2023 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-011923



Tgt Ion: 75 Resp: 31631
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

