

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074477.D
 Acq On : 06 Oct 2022 20:20
 Operator : VA/SY
 Sample : N5014-15
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Oct 07 01:28:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

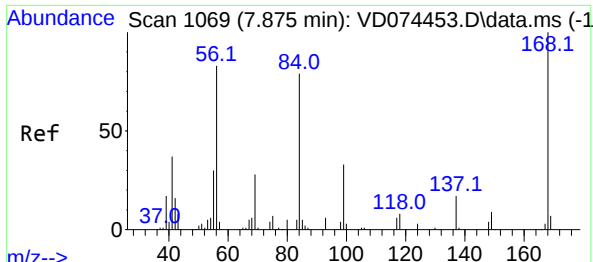
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	91451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	166001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	142111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	54421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38928	47.911	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.820%		
35) Dibromofluoromethane	7.804	113	51167	46.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.480%		
50) Toluene-d8	10.269	98	148648	37.643	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	75.280%		
62) 4-Bromofluorobenzene	12.569	95	47887	37.171	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	74.340%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.158	142	65	5.856	ug/l #	43
11) Tert butyl alcohol	5.005	59	982	Below Cal	#	84
16) Acetone	4.022	43	152	12.618	ug/l #	37
20) Methylene Chloride	4.787	84	4743	Below Cal	#	88
25) 2-Butanone	7.069	43	388	1.665	ug/l #	42
31) Cyclohexane	7.875	56	1716	1.051	ug/l #	12
36) 1,1-Dichloropropene	7.863	75	6879	4.477	ug/l #	39
38) Carbon Tetrachloride	7.875	117	9011	6.618	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	25156	60.217	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	25156	134.352	ug/l #	17

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

Quant Time: Oct 07 01:28:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration

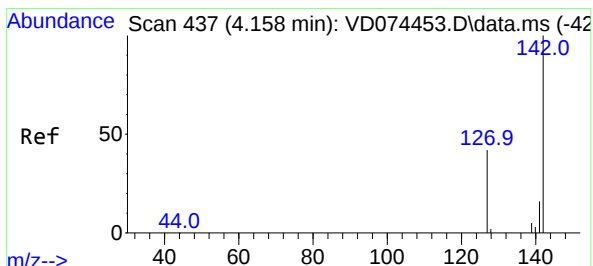
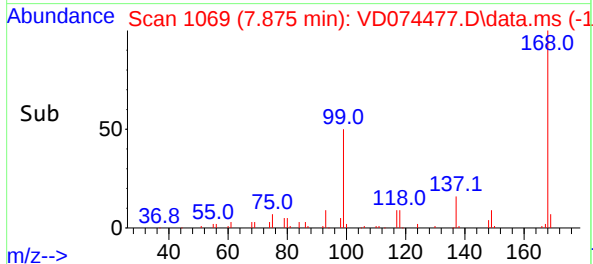
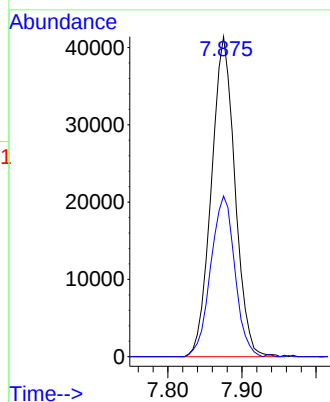
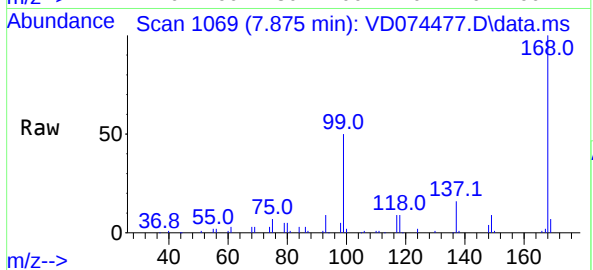




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

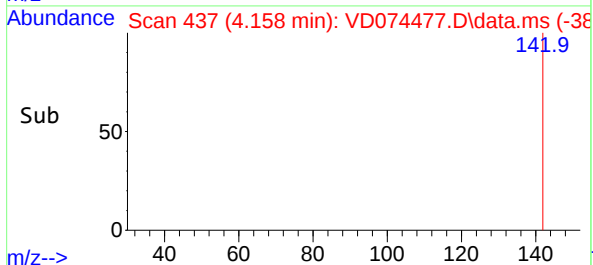
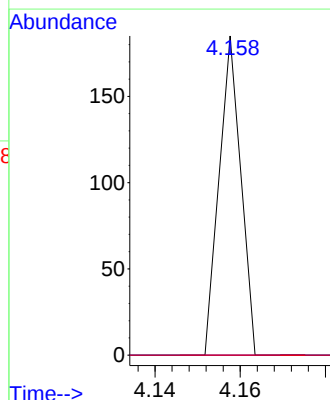
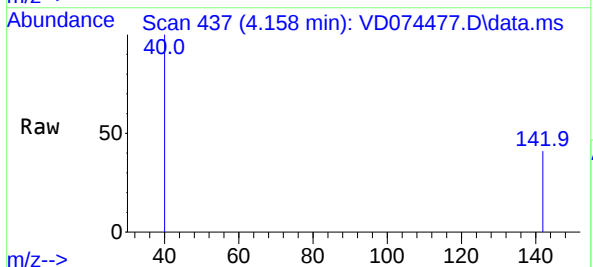
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

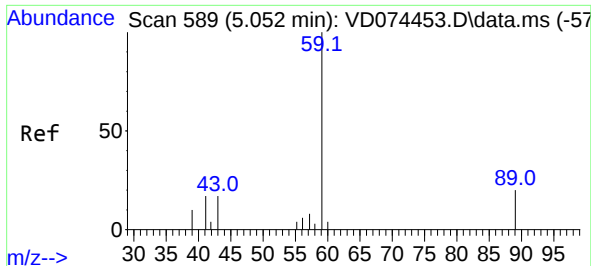
Tgt Ion:168 Resp: 91451
Ion Ratio Lower Upper
168 100
99 50.2 40.9 61.3



#10
Methyl Iodide
Concen: 5.856 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

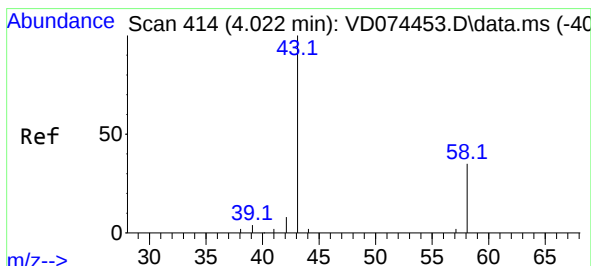
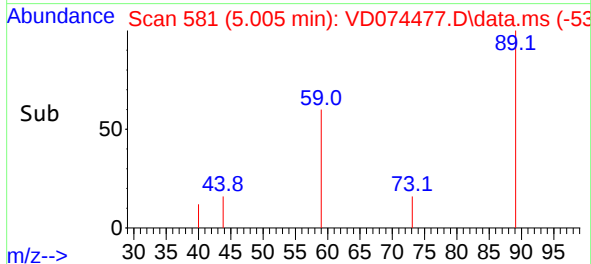
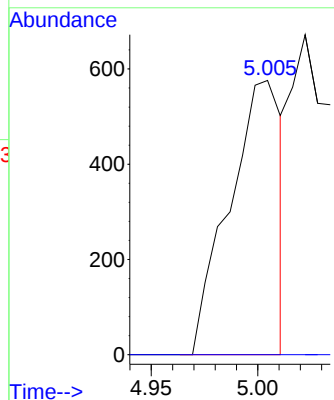
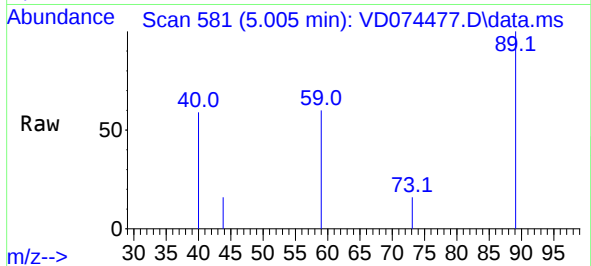




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.005 min Scan# 51
Delta R.T. -0.047 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

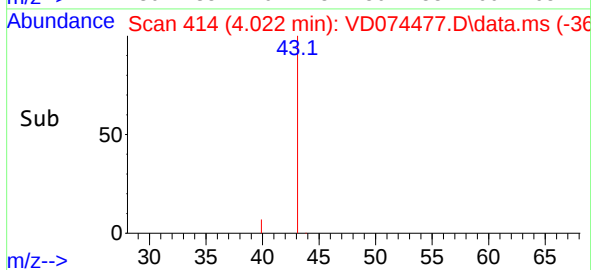
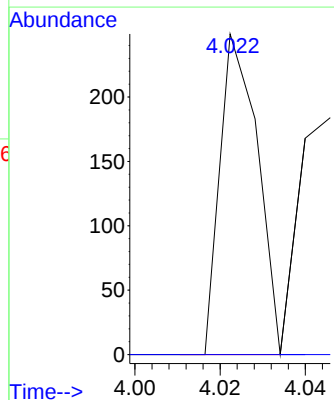
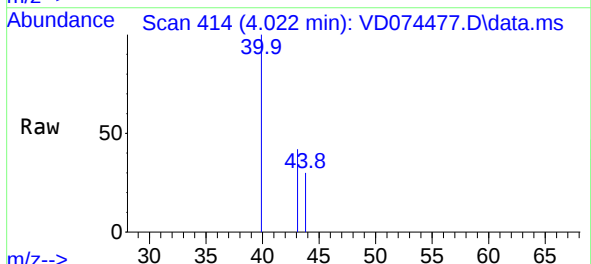
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

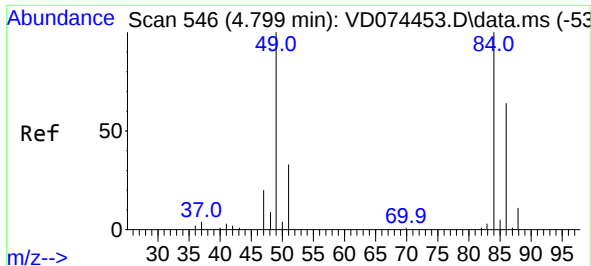
Tgt Ion: 59 Resp: 982
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 12.618 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



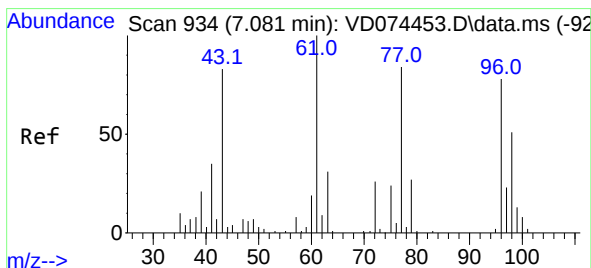
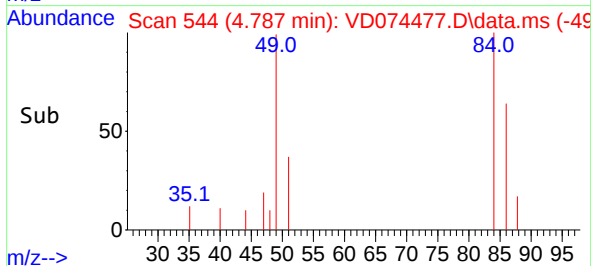
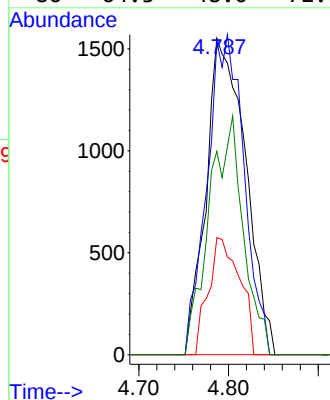
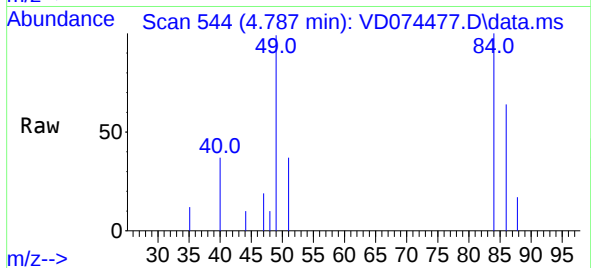


#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

Tgt Ion: 84 Resp: 4743

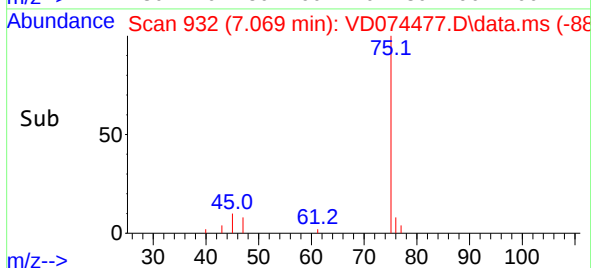
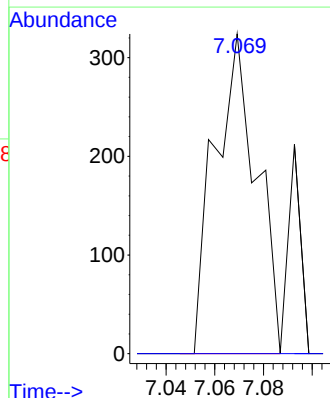
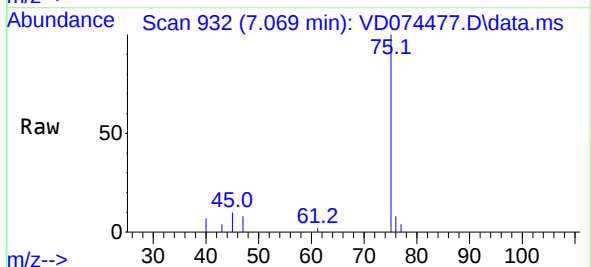
Ion	Ratio	Lower	Upper
84	100		
49	99.0	68.0	102.0
51	37.0	23.2	34.8
86	64.3	48.0	72.0

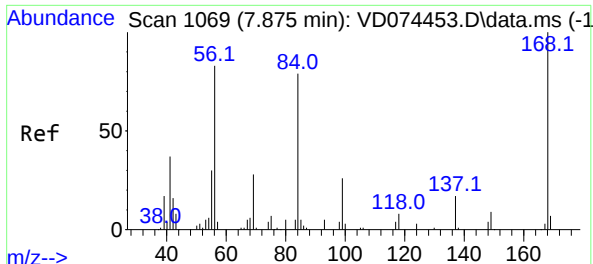


#25
2-Butanone
Concen: 1.665 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Tgt Ion: 43 Resp: 388

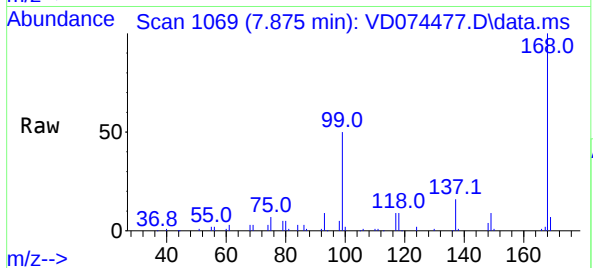
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8



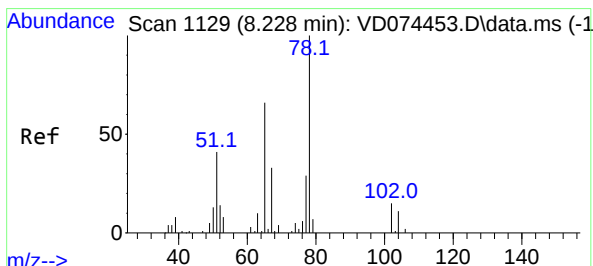
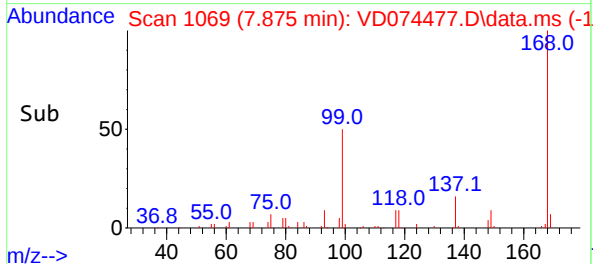
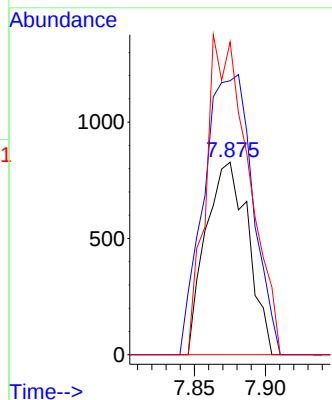


#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

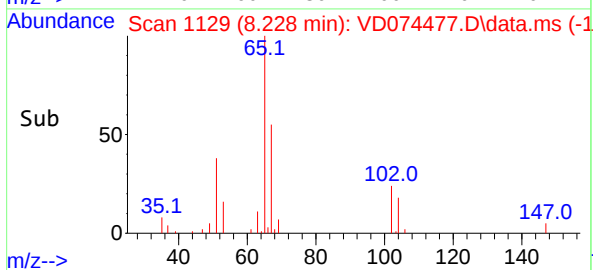
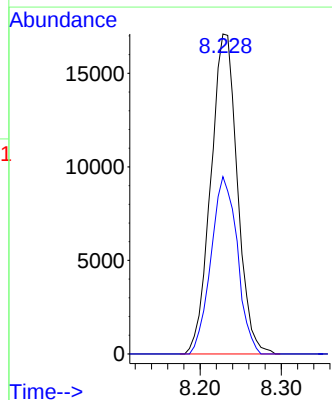
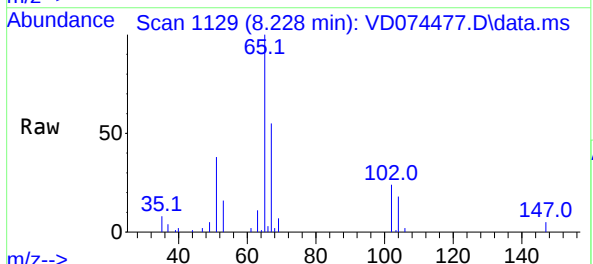


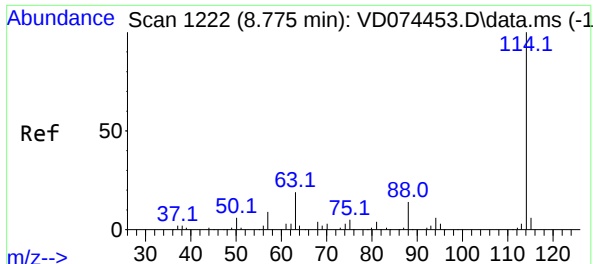
Tgt Ion: 56 Resp: 1716
Ion Ratio Lower Upper
56 100
69 142.3 29.2 43.8#
84 162.4 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 47.911 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Tgt Ion: 65 Resp: 38928
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2

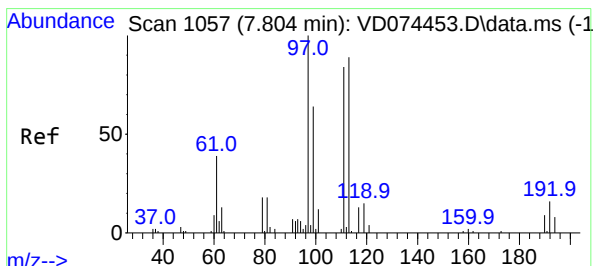
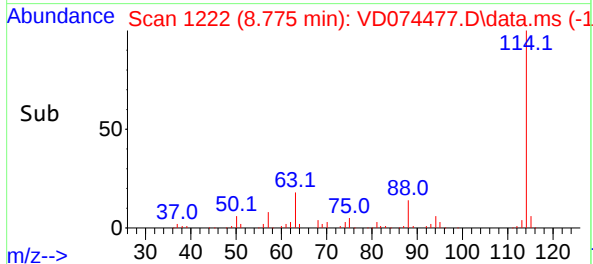
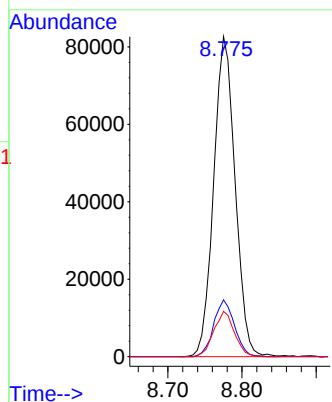
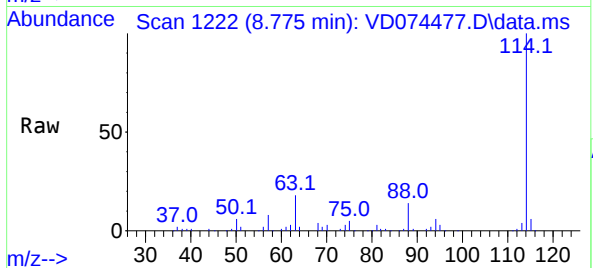




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

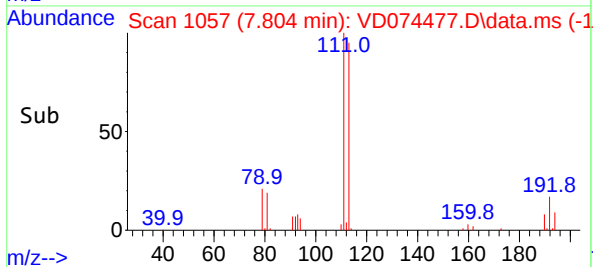
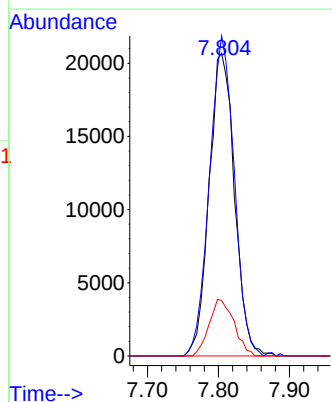
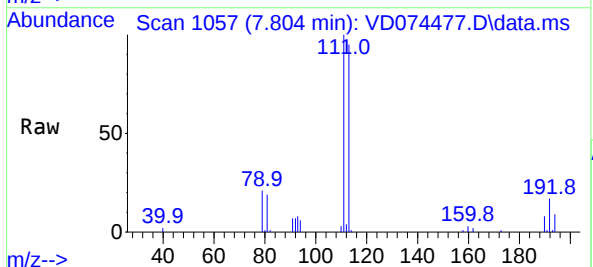
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

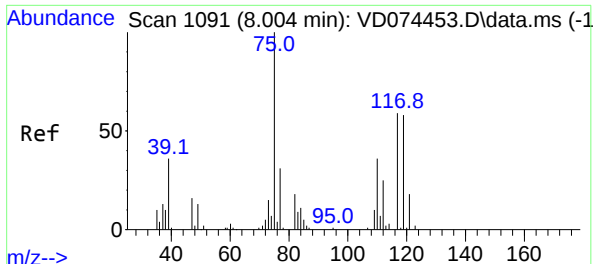
Tgt Ion:114 Resp: 166001
Ion Ratio Lower Upper
114 100
63 17.7 0.0 33.2
88 14.1 0.0 28.2



#35
Dibromofluoromethane
Concen: 46.744 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Tgt Ion:113 Resp: 51167
Ion Ratio Lower Upper
113 100
111 103.6 82.3 123.5
192 18.4 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.477 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VD074477.D

Acq: 06 Oct 2022 20:20

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

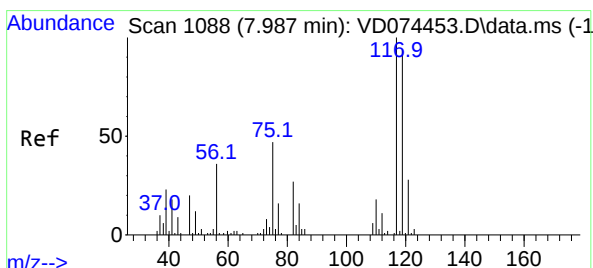
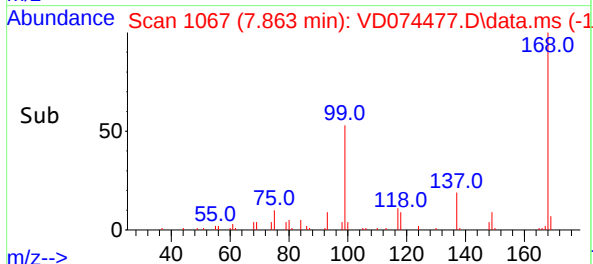
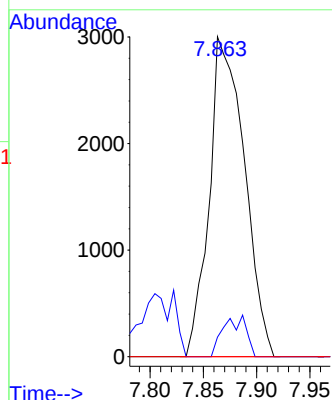
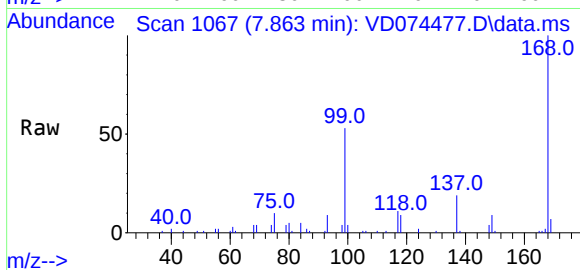
Tgt Ion: 75 Resp: 6879

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.618 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074477.D

Acq: 06 Oct 2022 20:20

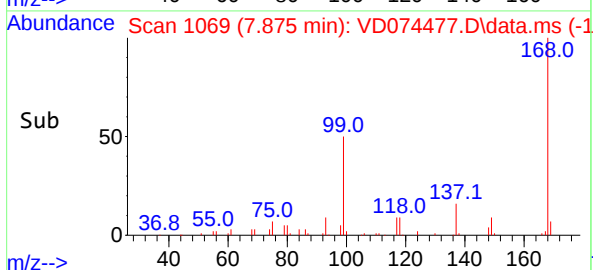
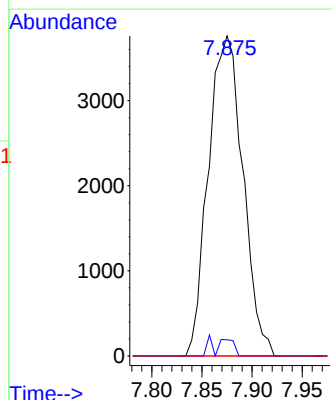
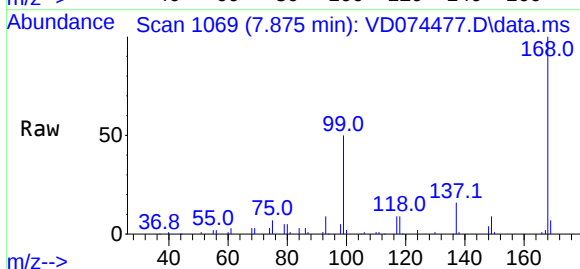
Tgt Ion: 117 Resp: 9011

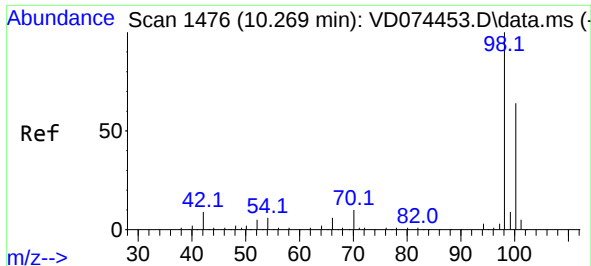
Ion Ratio Lower Upper

117 100

119 5.1 73.1 109.7#

121 0.0 25.0 37.6#

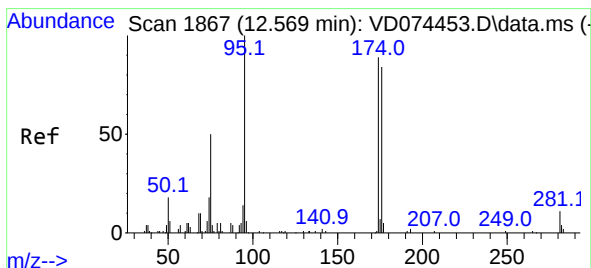
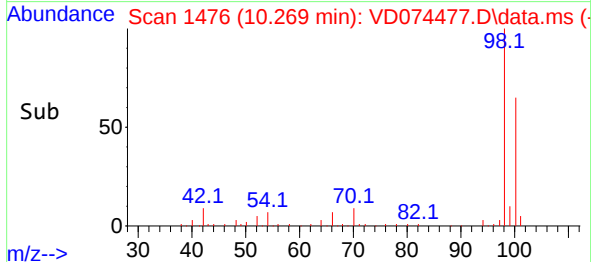
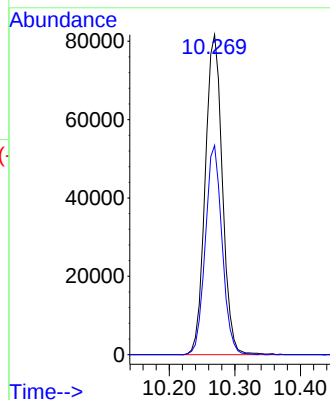
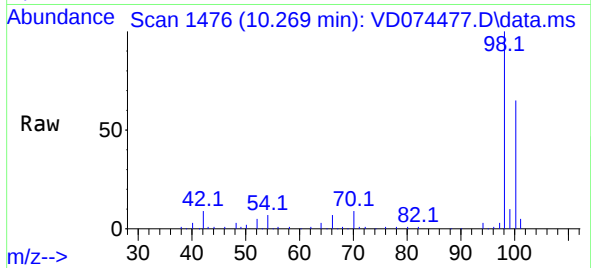




#50
Toluene-d8
Concen: 37.643 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

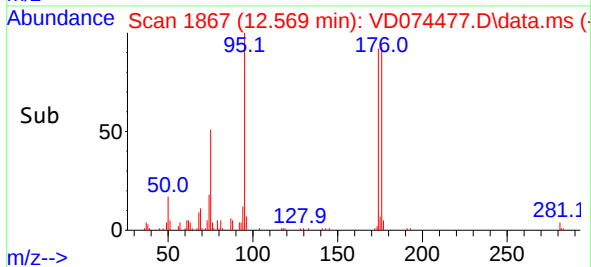
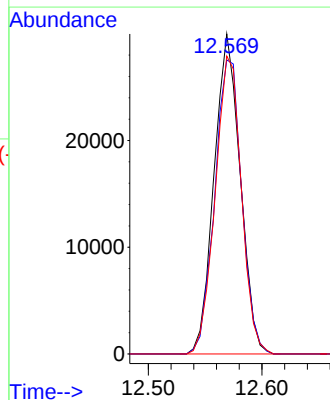
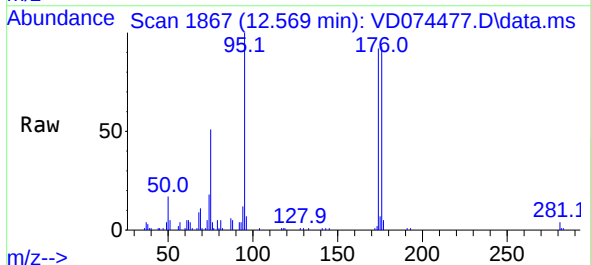
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

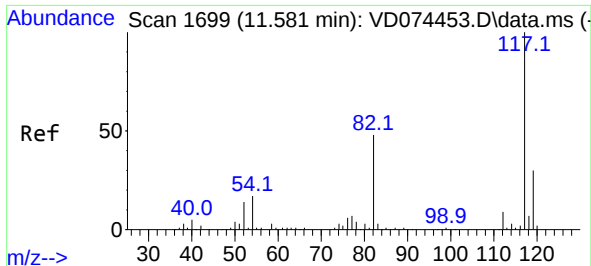
Tgt Ion: 98 Resp: 148648
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 37.171 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Tgt Ion: 95 Resp: 47887
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.0
176 93.2 0.0 182.6

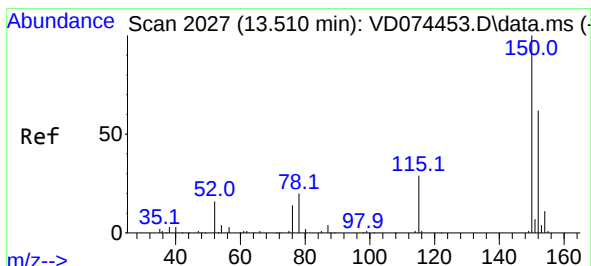
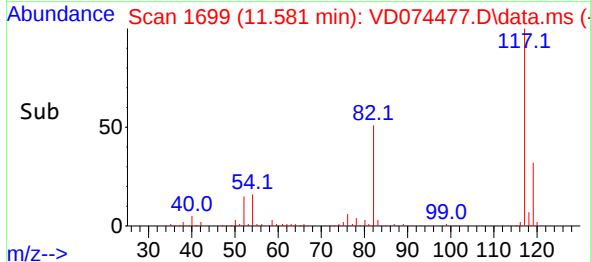
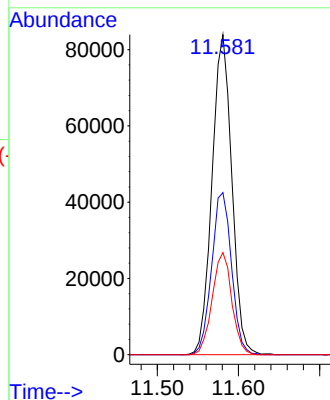
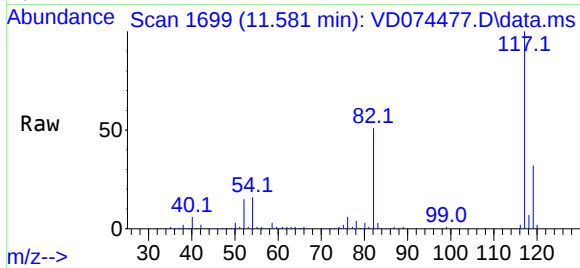




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

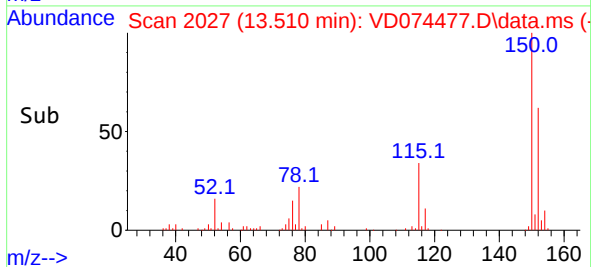
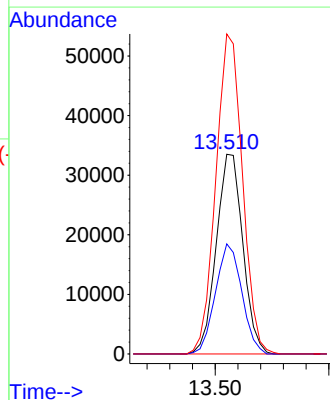
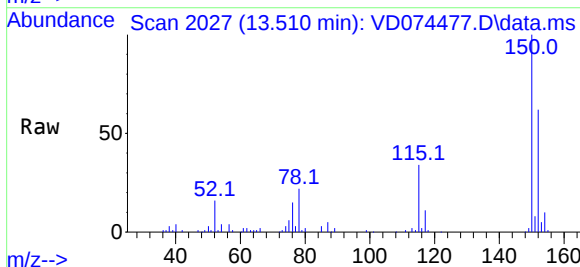
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

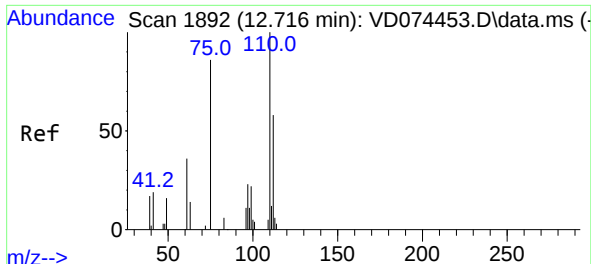
Tgt Ion:117 Resp: 142111
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Tgt Ion:152 Resp: 54421
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 160.8 0.0 348.2

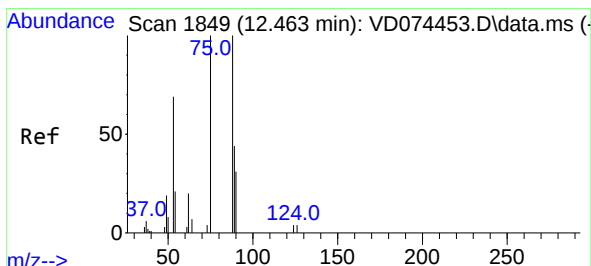
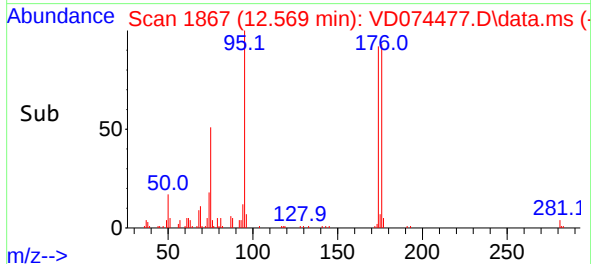
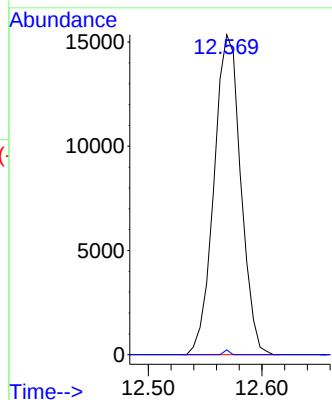
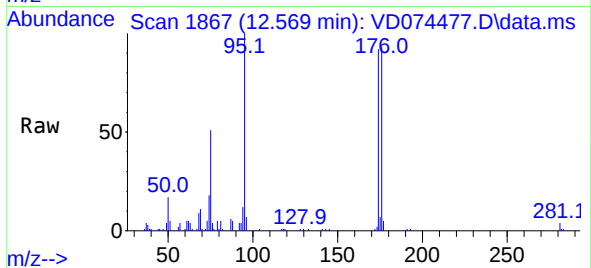




#76
1,2,3-Trichloropropane
Concen: 60.217 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

Tgt Ion: 75 Resp: 25156
Ion Ratio Lower Upper
75 100
77 0.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.352 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074477.D
Acq: 06 Oct 2022 20:20

Tgt Ion: 75 Resp: 25156
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

