

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074766.D
 Acq On : 07 Nov 2022 17:29
 Operator : VA/SY
 Sample : N5494-13
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-23

Quant Time: Nov 08 00:22:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

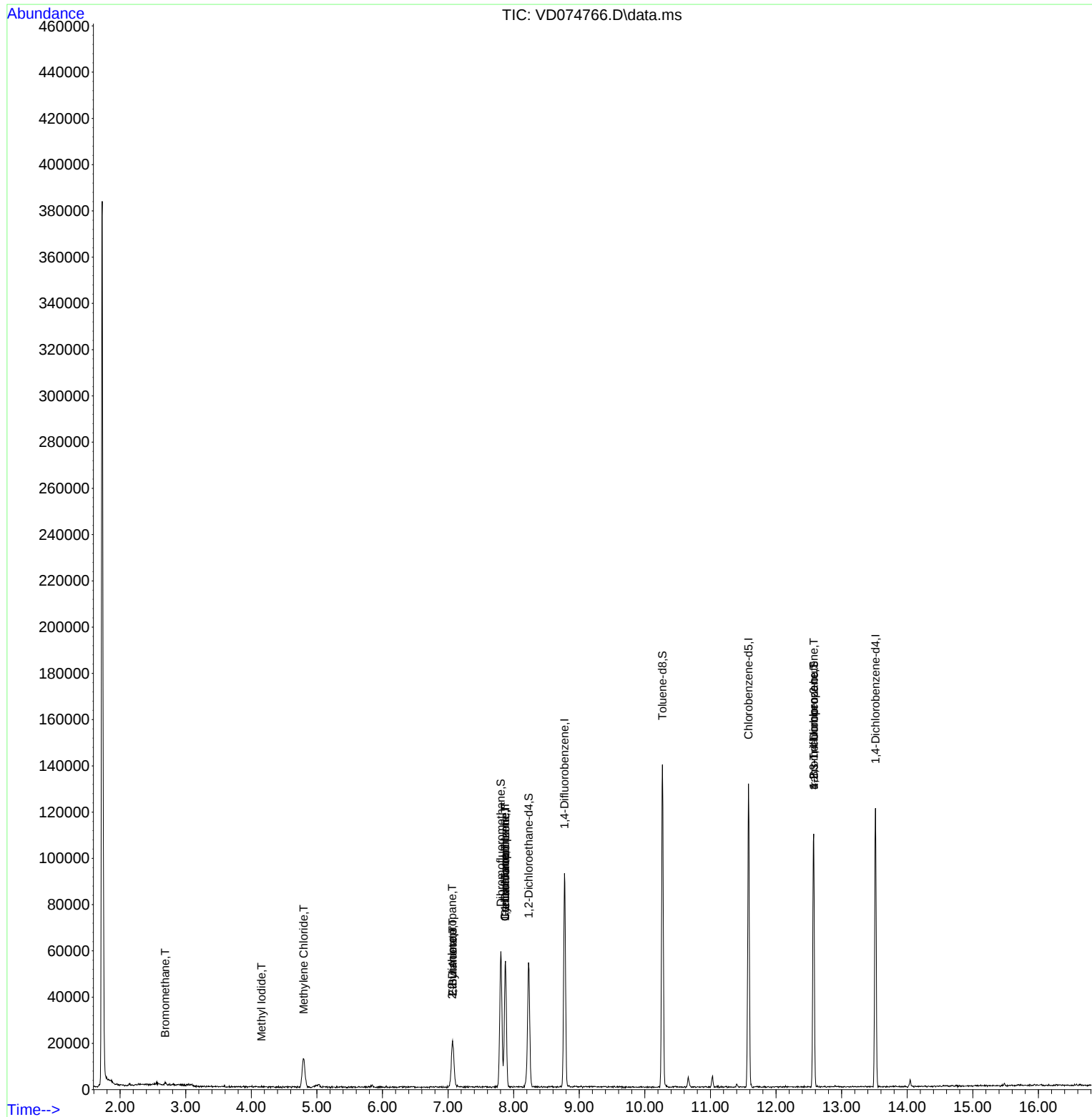
Internal Standards						
1) Pentafluorobenzene	7.875	168	45715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	89909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	79524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	34703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42012	116.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 232.060%#	
35) Dibromofluoromethane	7.805	113	43169	81.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 162.340%#	
50) Toluene-d8	10.269	98	103325	53.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.575	95	33198	59.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.687	94	706	1.418	ug/l	86
10) Methyl Iodide	4.158	142	67	5.651	ug/l #	43
11) Tert butyl alcohol	5.063	59	61	Below Cal	#	84
20) Methylene Chloride	4.799	84	10793	7.245	ug/l #	83
25) 2-Butanone	7.069	43	916	8.817	ug/l #	42
26) 2,2-Dichloropropane	7.063	77	1663	2.197	ug/l #	50
31) Cyclohexane	7.869	56	801	1.093	ug/l #	45
36) 1,1-Dichloropropene	7.869	75	3459	4.285	ug/l #	41
37) Ethyl Acetate	7.069	43	916	3.401	ug/l #	1
38) Carbon Tetrachloride	7.869	117	4194	5.484	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	16306	60.613	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	16306	143.880	ug/l #	17

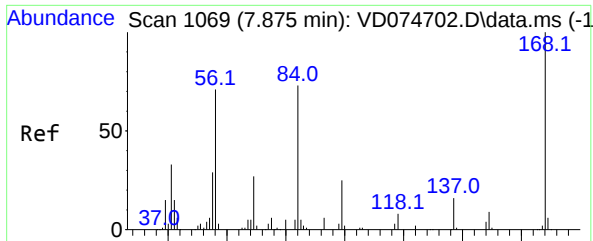
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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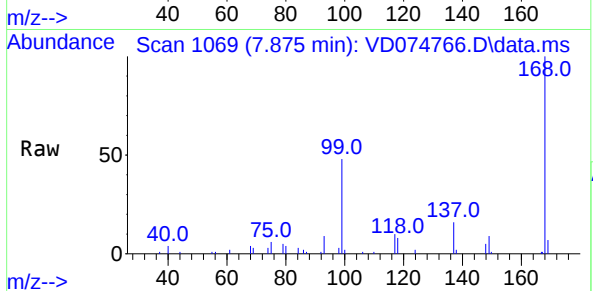
Quant Time: Nov 08 00:22:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
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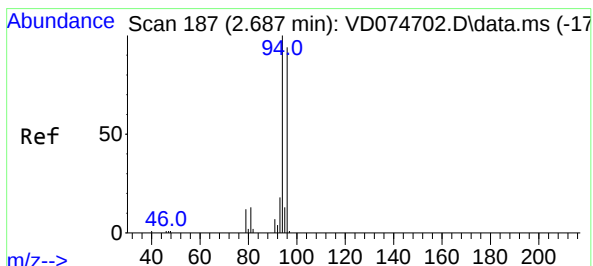
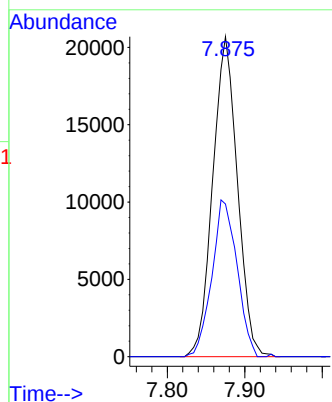
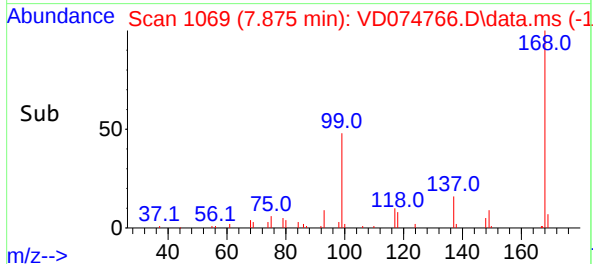


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Instrument :
MSVOA_D
ClientSampleId :
SB-23

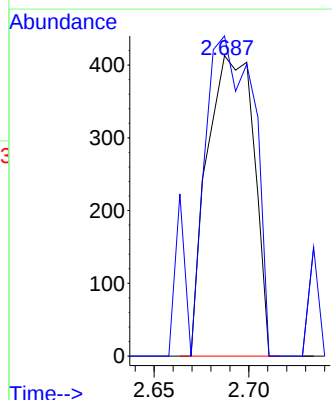
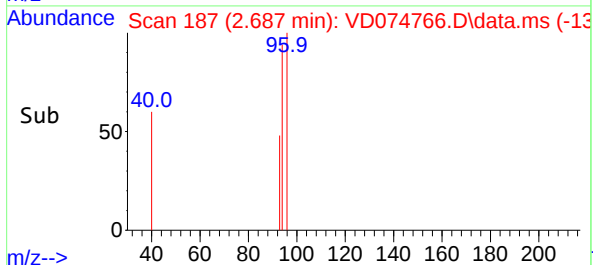
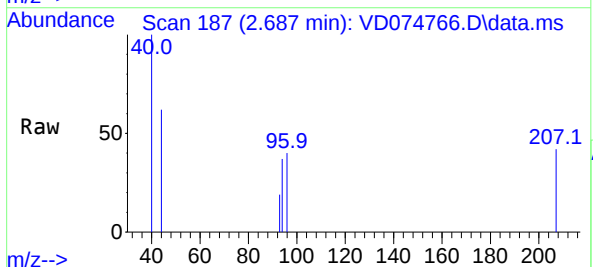


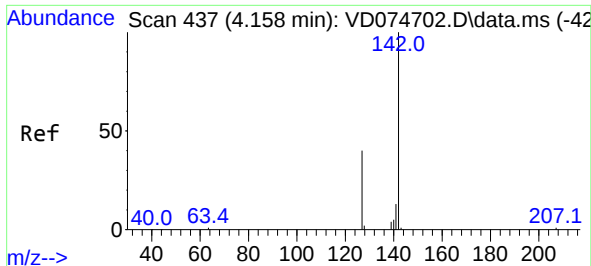
Tgt Ion:168 Resp: 45715
Ion Ratio Lower Upper
168 100
99 47.7 40.9 61.3



#5
Bromomethane
Concen: 1.418 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Tgt Ion: 94 Resp: 706
Ion Ratio Lower Upper
94 100
96 106.5 74.6 112.0

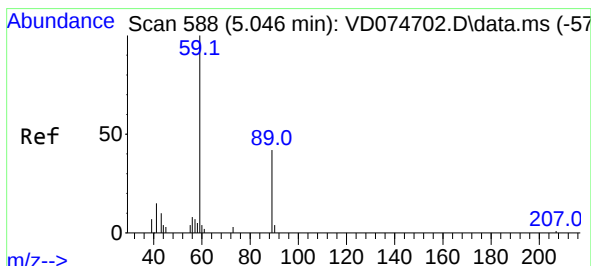
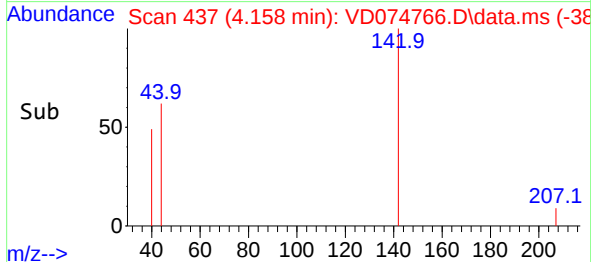
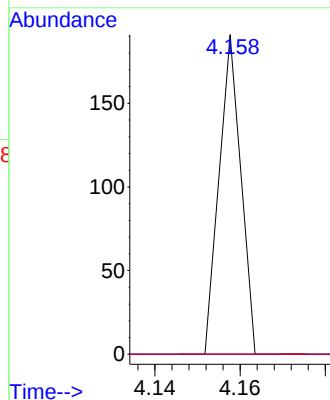
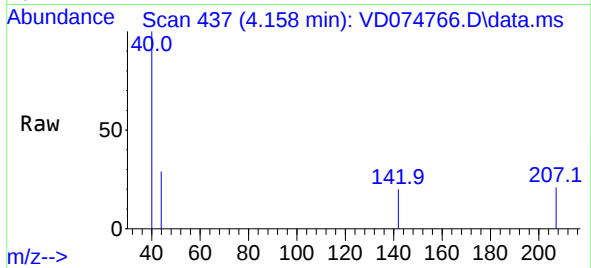




#10
Methyl Iodide
Concen: 5.651 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

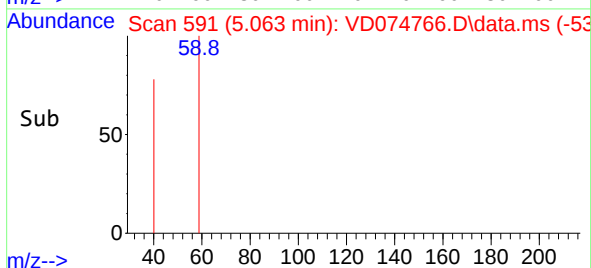
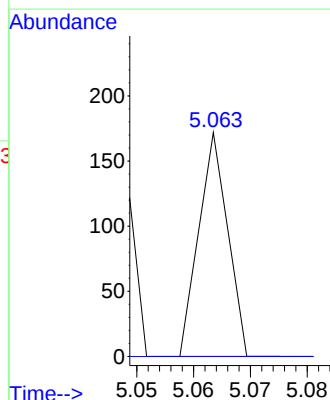
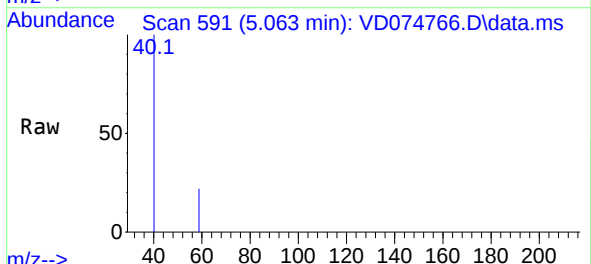
Instrument :
MSVOA_D
ClientSampleId :
SB-23

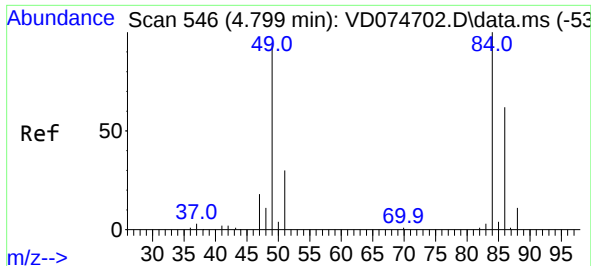
Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.063 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



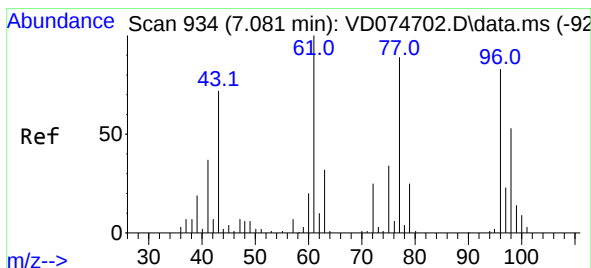
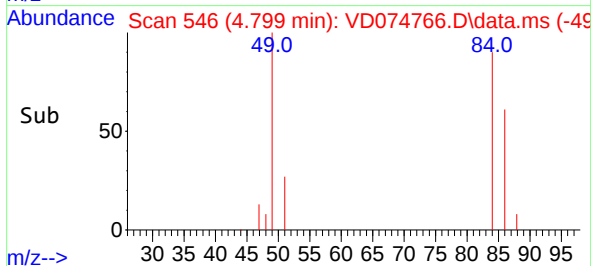
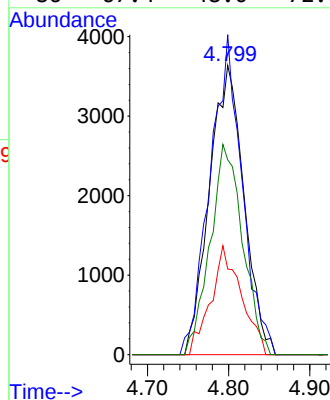
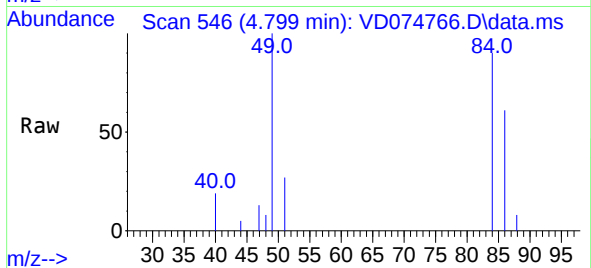


#20
Methylene Chloride
Concen: 7.245 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Instrument :
MSVOA_D
ClientSampleId :
SB-23

Tgt Ion: 84 Resp: 10793

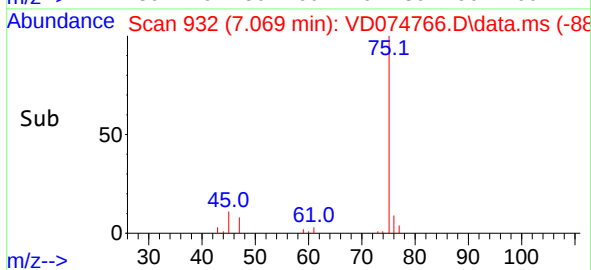
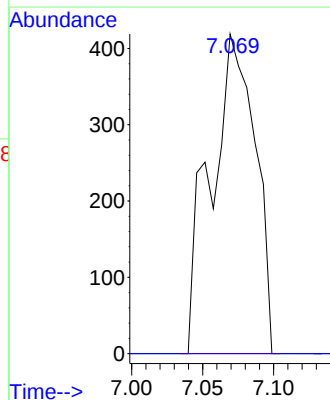
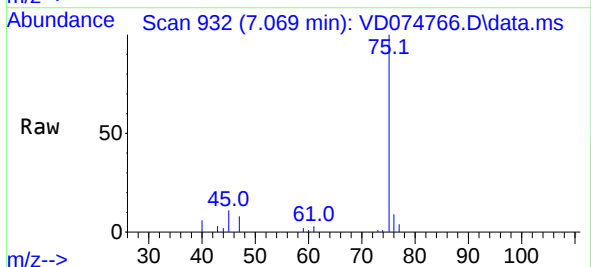
Ion	Ratio	Lower	Upper
84	100		
49	110.6	68.0	102.0#
51	29.6	23.2	34.8
86	67.4	48.0	72.0

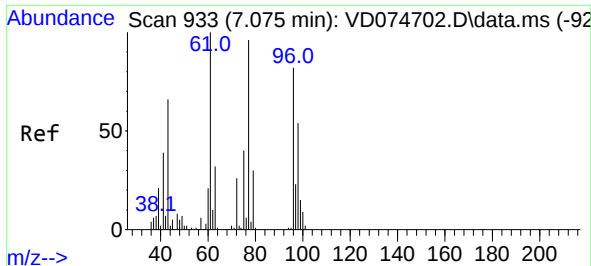


#25
2-Butanone
Concen: 8.817 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Tgt Ion: 43 Resp: 916

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

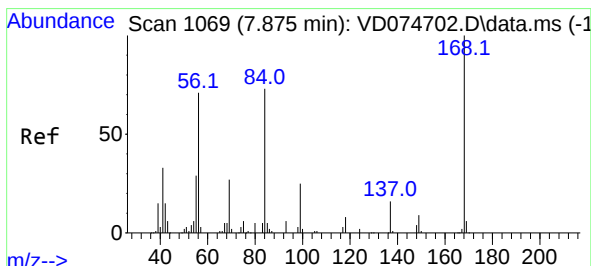
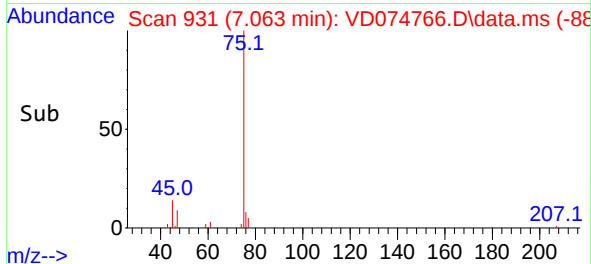
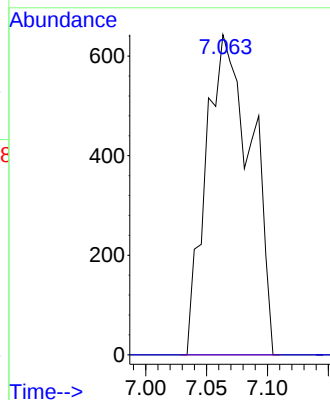
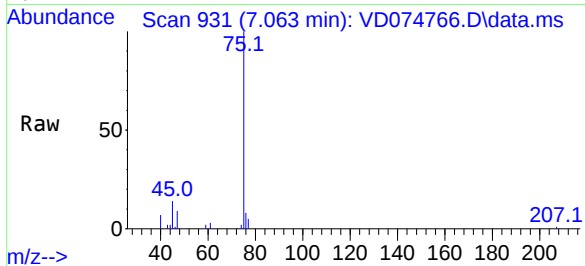




#26
2,2-Dichloropropane
Concen: 2.197 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

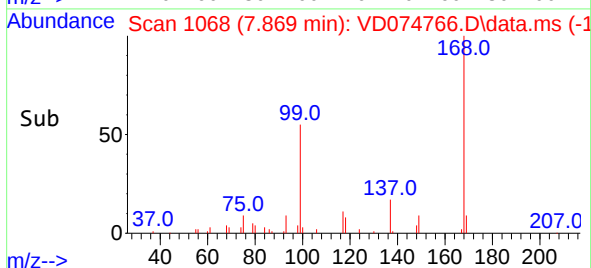
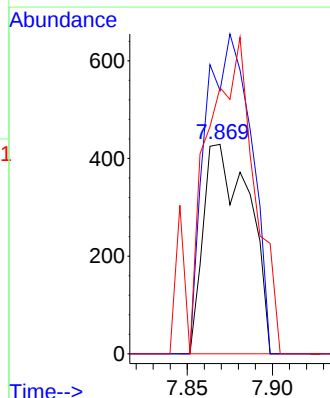
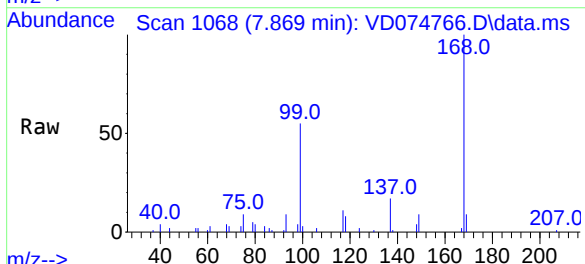
Instrument :
MSVOA_D
ClientSampleId :
SB-23

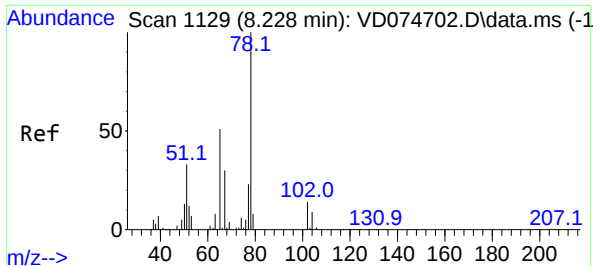
Tgt Ion: 77 Resp: 1663
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Tgt Ion: 56 Resp: 801
Ion Ratio Lower Upper
56 100
69 125.6 29.2 43.8#
84 127.0 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 116.032 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074766.D

Acq: 07 Nov 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

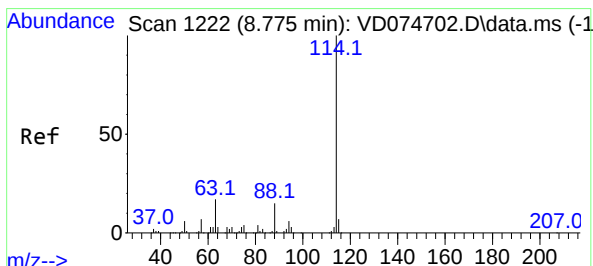
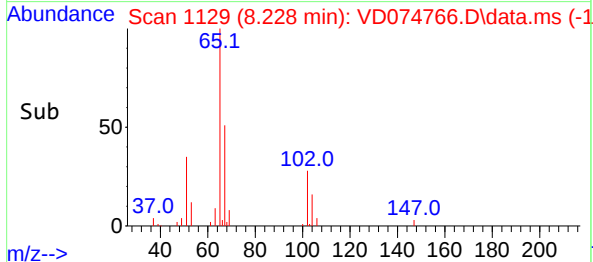
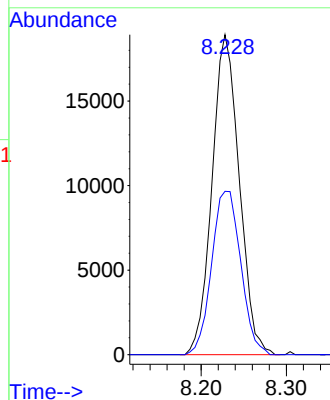
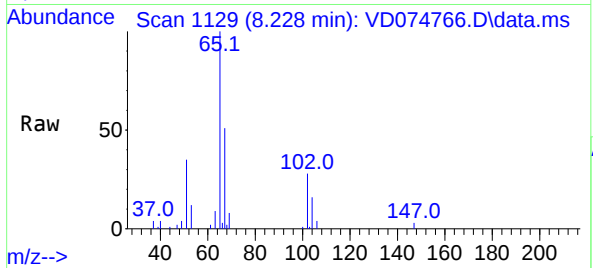
SB-23

Tgt Ion: 65 Resp: 42012

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# 1222

Delta R.T. 0.000 min

Lab File: VD074766.D

Acq: 07 Nov 2022 17:29

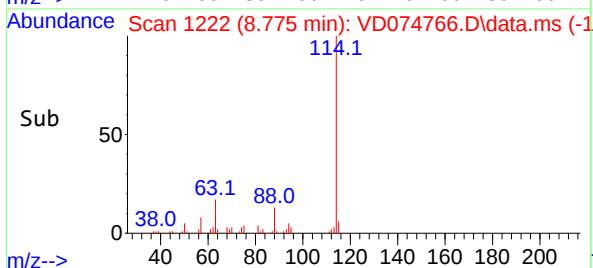
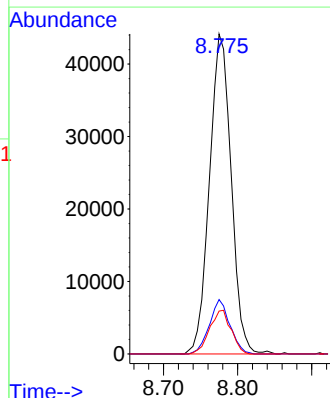
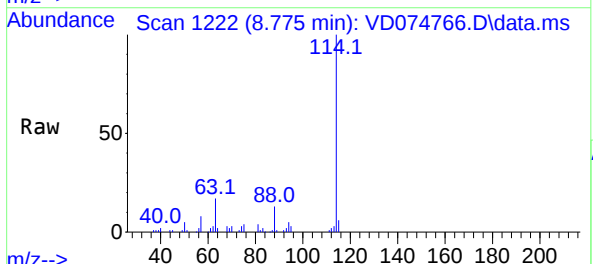
Tgt Ion:114 Resp: 89909

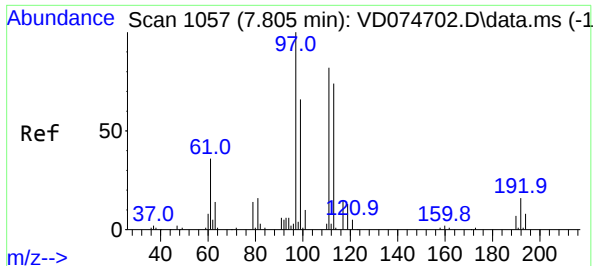
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 13.4 0.0 28.2





#35

Dibromofluoromethane

Concen: 81.168 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074766.D

Acq: 07 Nov 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

SB-23

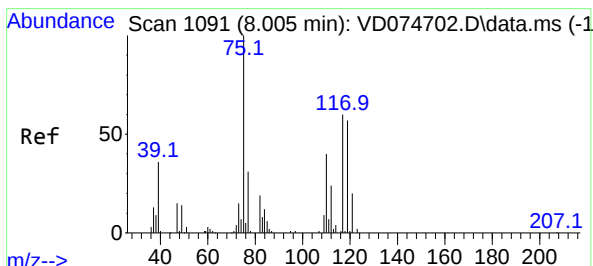
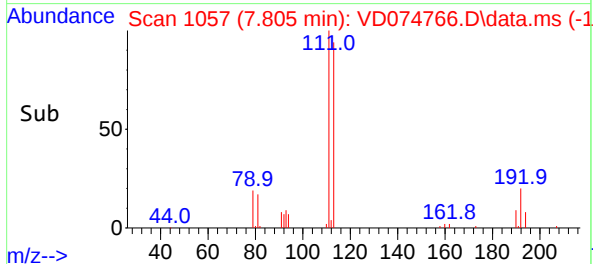
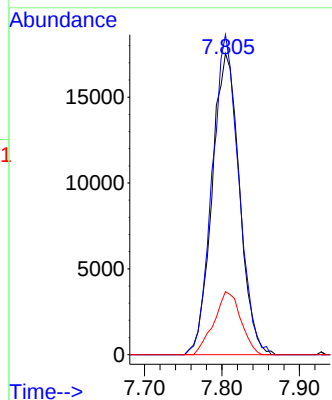
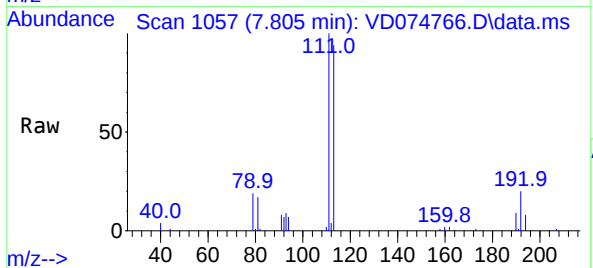
Tgt Ion:113 Resp: 43169

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 20.4 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.285 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD074766.D

Acq: 07 Nov 2022 17:29

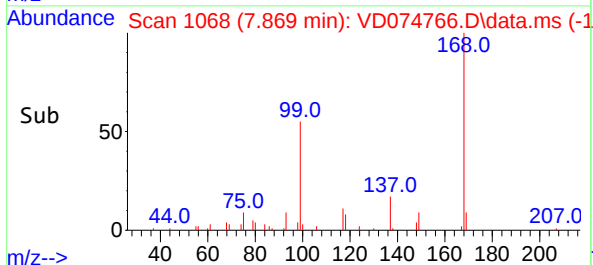
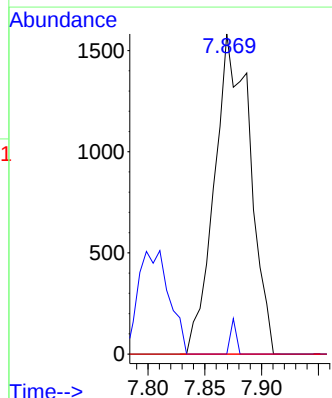
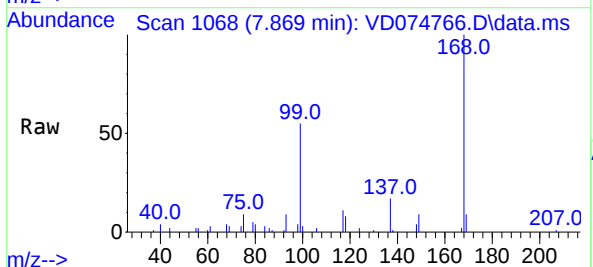
Tgt Ion: 75 Resp: 3459

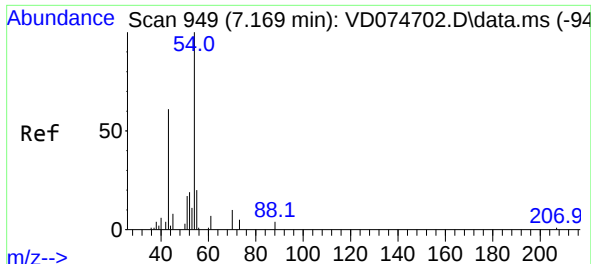
Ion Ratio Lower Upper

75 100

110 1.8 19.7 59.0#

77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 3.401 ug/l

RT: 7.069 min Scan# 916

Delta R.T. -0.100 min

Lab File: VD074766.D

Acq: 07 Nov 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

SB-23

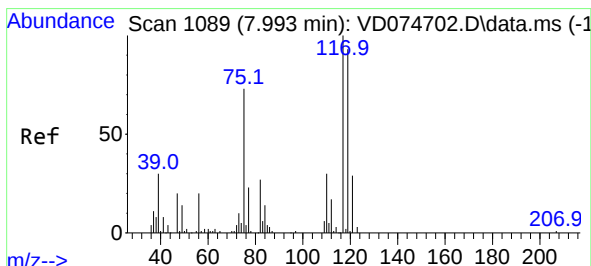
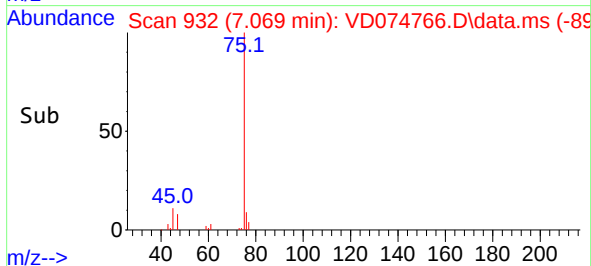
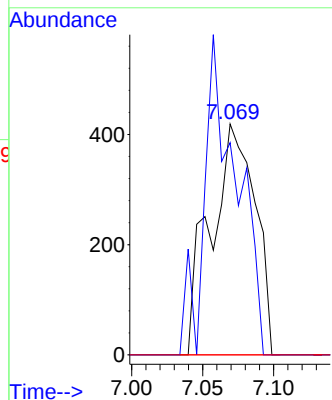
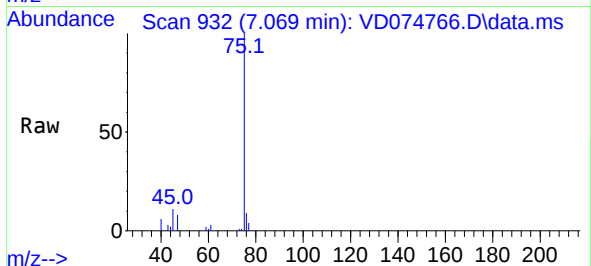
Tgt Ion: 43 Resp: 916

Ion Ratio Lower Upper

43 100

61 101.1 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 5.484 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD074766.D

Acq: 07 Nov 2022 17:29

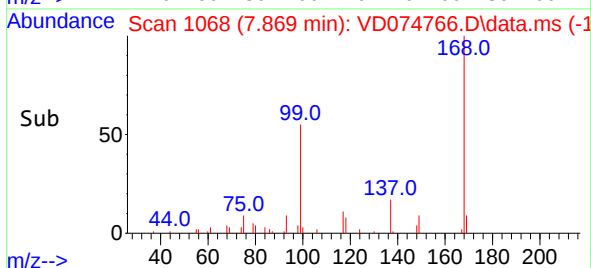
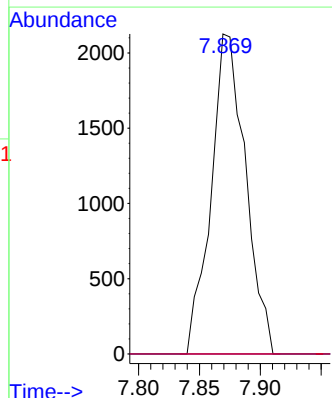
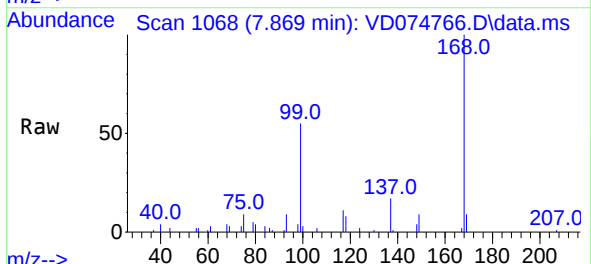
Tgt Ion: 117 Resp: 4194

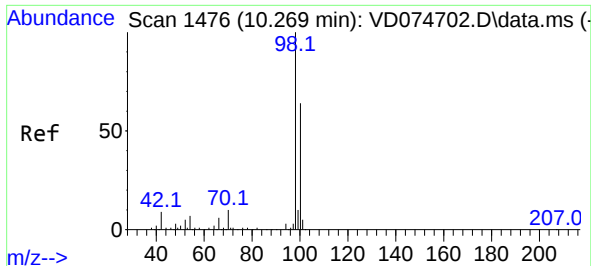
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

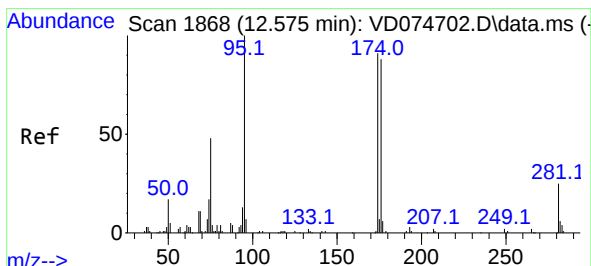
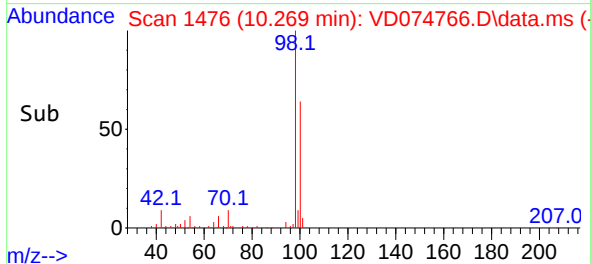
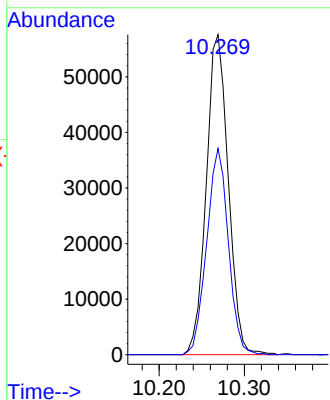
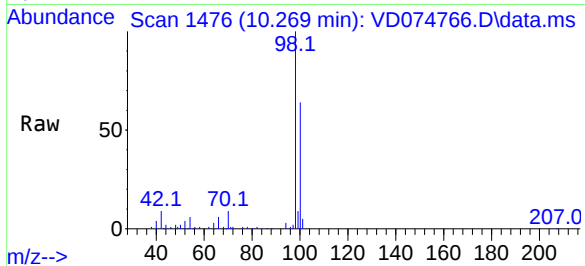




#50
Toluene-d8
Concen: 53.260 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

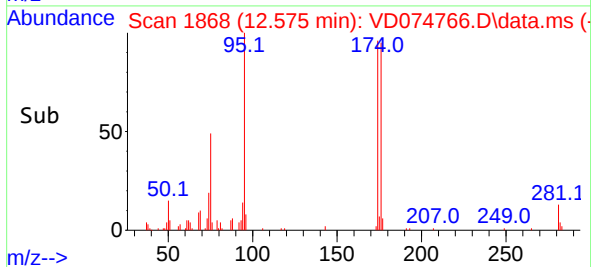
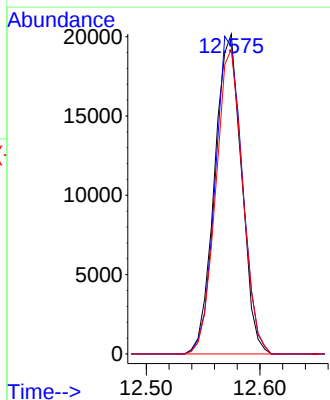
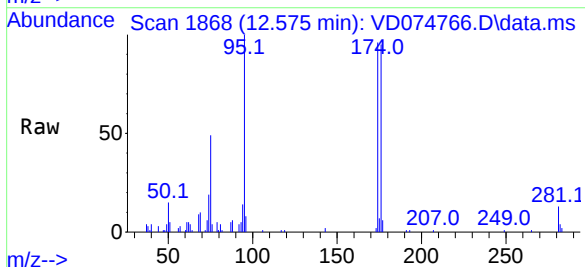
Instrument :
MSVOA_D
ClientSampleId :
SB-23

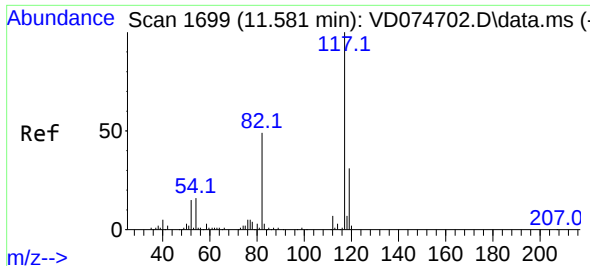
Tgt Ion: 98 Resp: 103325
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 59.267 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

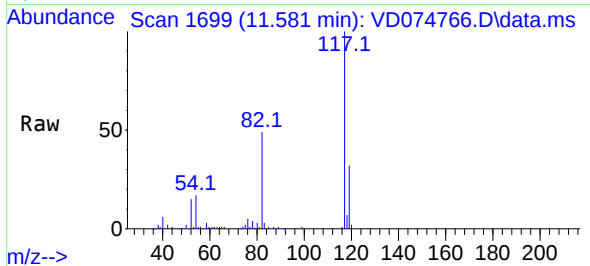
Tgt Ion: 95 Resp: 33198
Ion Ratio Lower Upper
95 100
174 99.9 0.0 197.0
176 95.0 0.0 182.6





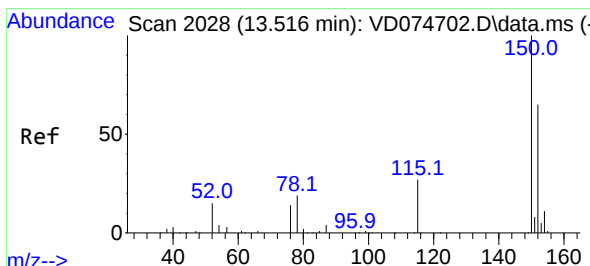
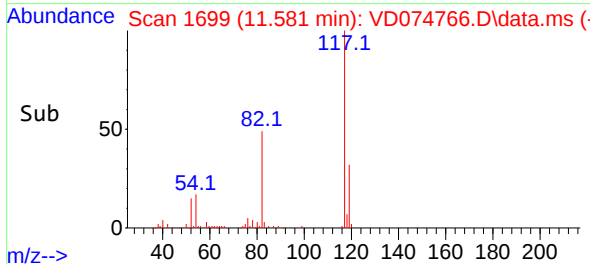
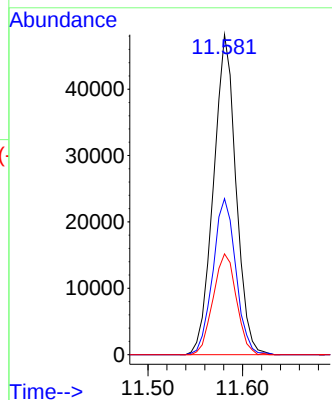
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Instrument :
MSVOA_D
ClientSampleId :
SB-23



Tgt Ion:117 Resp: 79524

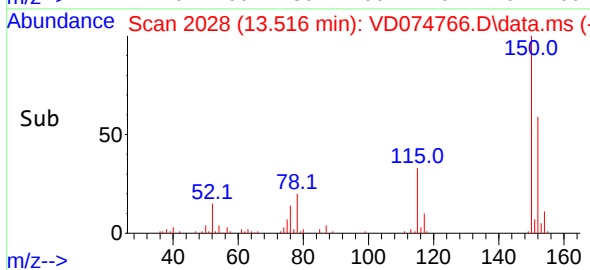
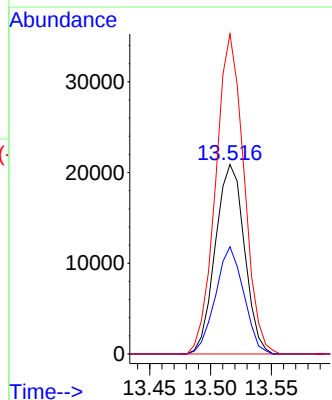
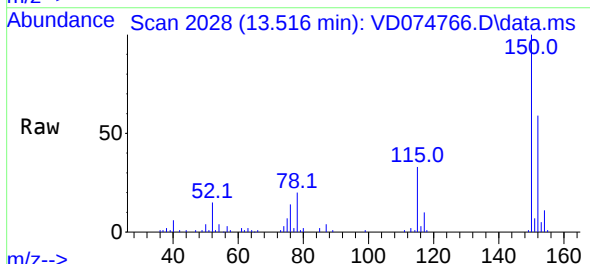
Ion	Ratio	Lower	Upper
117	100		
82	48.8	41.6	62.4
119	31.5	25.2	37.8

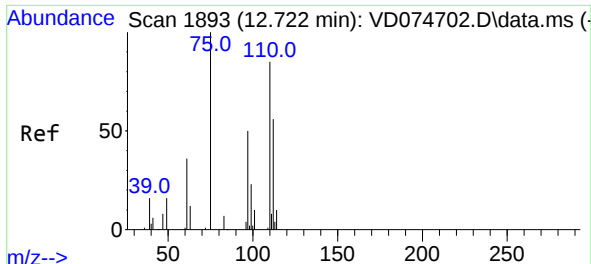


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Tgt Ion:152 Resp: 34703

Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.8	80.4
150	164.2	0.0	348.2

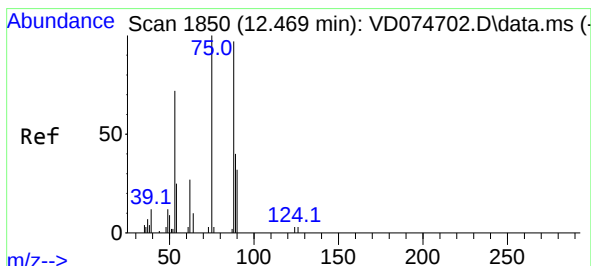
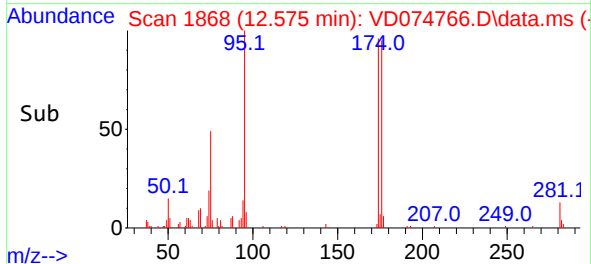
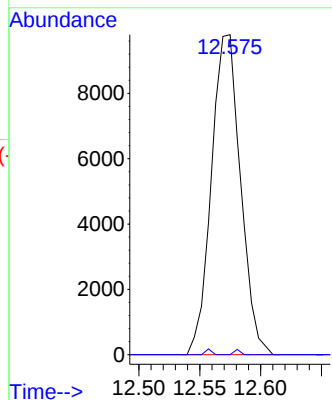
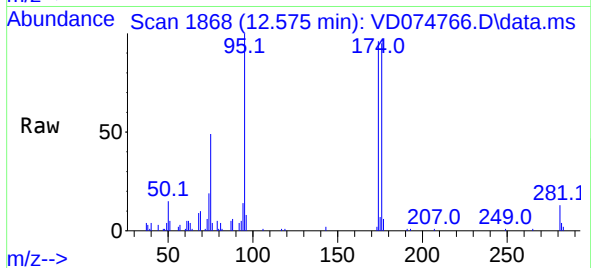




#76
1,2,3-Trichloropropane
Concen: 60.613 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Instrument :
MSVOA_D
ClientSampleId :
SB-23

Tgt Ion: 75 Resp: 16306
Ion Ratio Lower Upper
75 100
77 0.4 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.880 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Tgt Ion: 75 Resp: 16306
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

