

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074769.D
 Acq On : 07 Nov 2022 18:54
 Operator : VA/SY
 Sample : N5494-19
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-21

Quant Time: Nov 08 00:22:57 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)

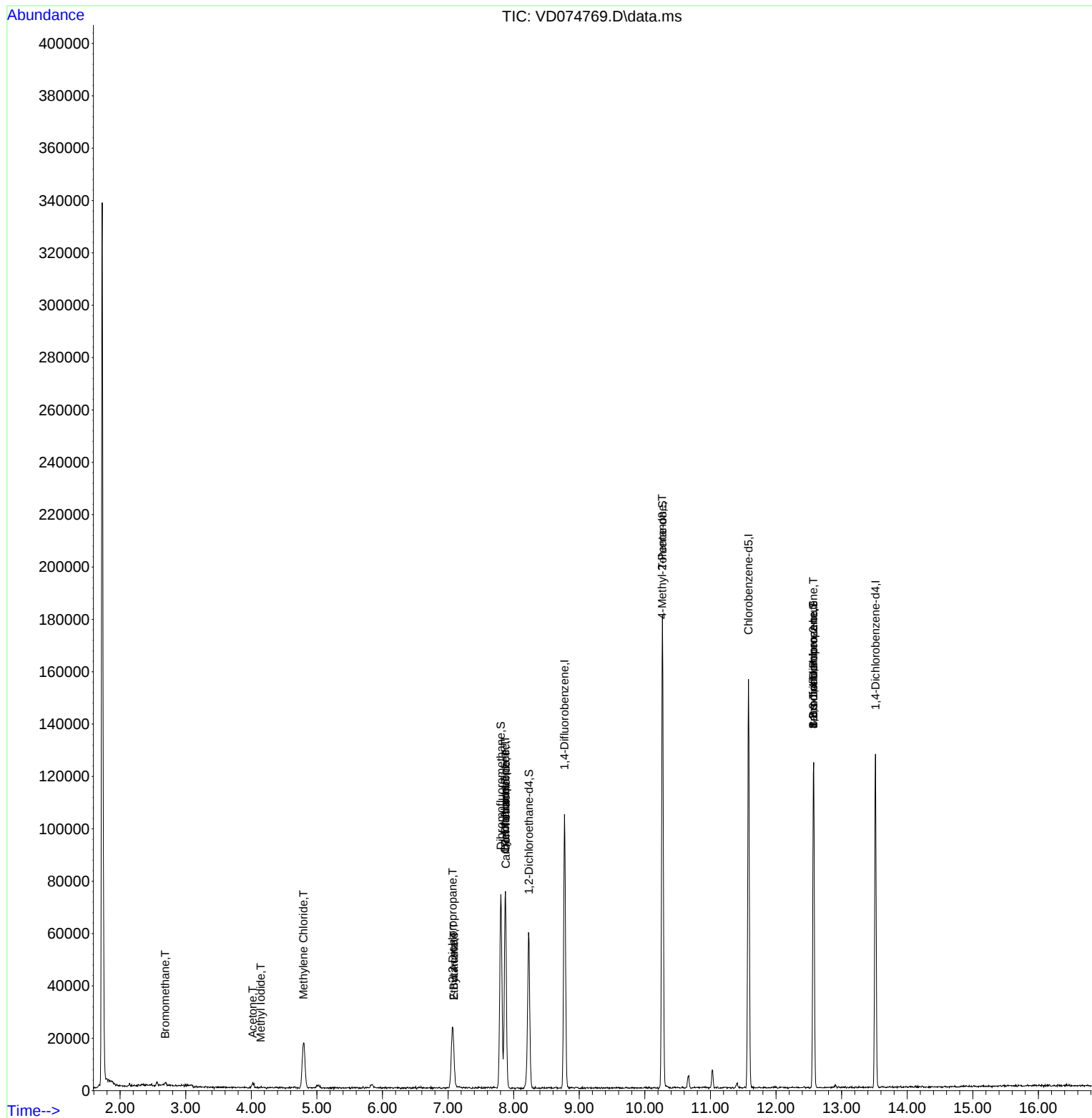
Internal Standards						
1) Pentafluorobenzene	7.875	168	62333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	100171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	97402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44682	90.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.020%#	
35) Dibromofluoromethane	7.804	113	54330	91.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 183.380%#	
50) Toluene-d8	10.269	98	131399	60.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.580%	
62) 4-Bromofluorobenzene	12.569	95	39431	63.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.360%	
Target Compounds						Qvalue
5) Bromomethane	2.687	94	717	1.056	ug/l	95
10) Methyl Iodide	4.146	142	181	5.744	ug/l #	43
11) Tert butyl alcohol	5.028	59	480	Below Cal	#	84
16) Acetone	4.022	43	2794	27.120	ug/l #	48
20) Methylene Chloride	4.793	84	15471	8.351	ug/l	94
25) 2-Butanone	7.087	43	1153	8.140	ug/l #	42
26) 2,2-Dichloropropane	7.069	77	1854	1.796	ug/l #	50
31) Cyclohexane	7.869	56	1010	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	4111	4.571	ug/l #	44
37) Ethyl Acetate	7.087	43	1153	3.843	ug/l #	47
38) Carbon Tetrachloride	7.881	117	5687	6.674	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	364	1.345	ug/l #	1
71) Bromoform	12.569	173	376	1.073	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	19103	68.228	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	19103	161.956	ug/l #	17

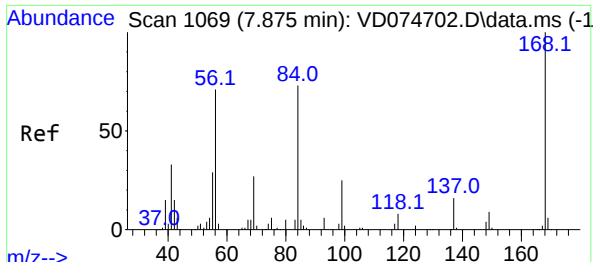
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
Data File : VD074769.D
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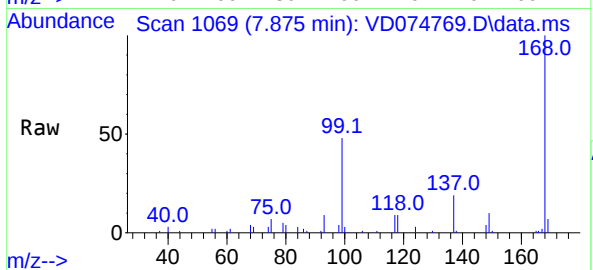
Quant Time: Nov 08 00:22:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
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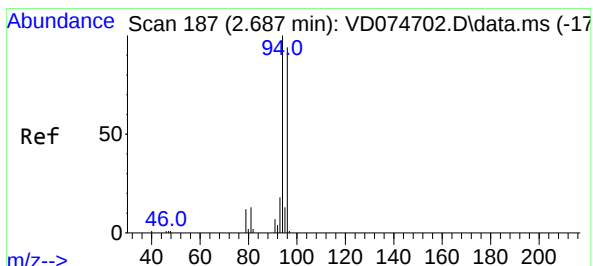
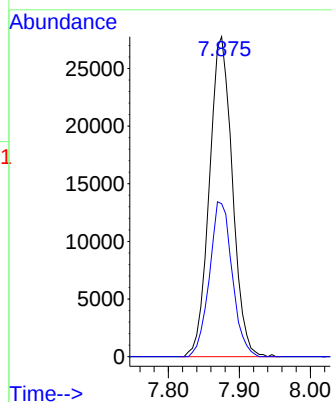
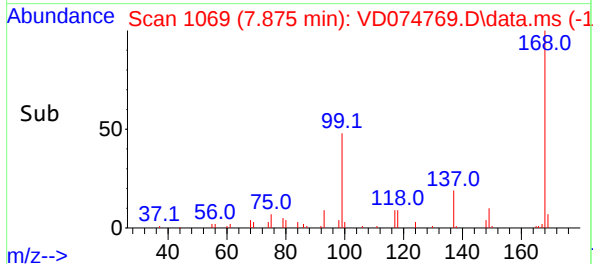


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Instrument :
MSVOA_D
ClientSampleId :
SB-21

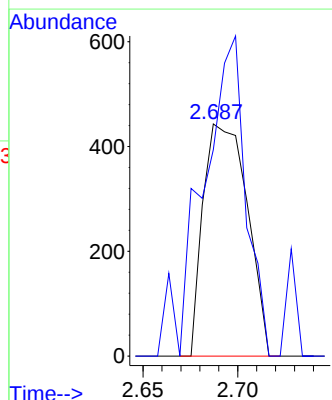
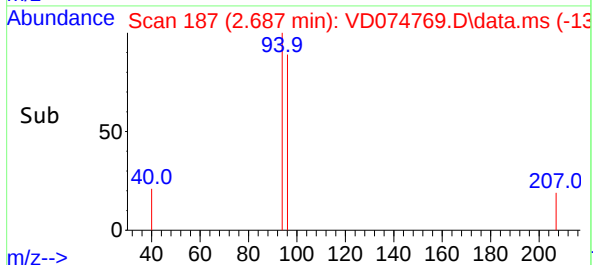
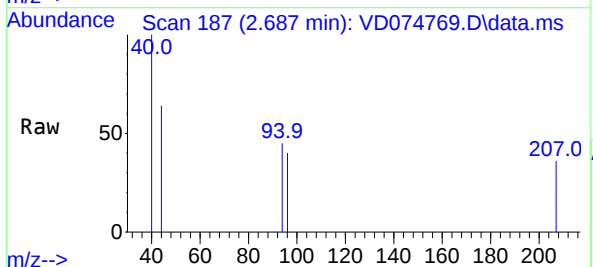


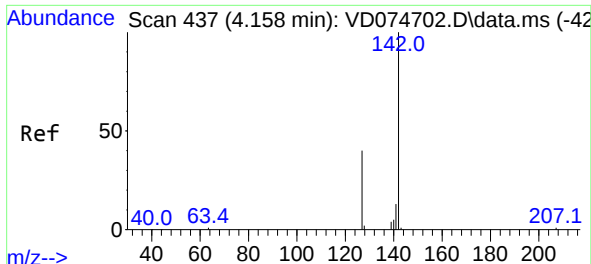
Tgt Ion:168 Resp: 62333
Ion Ratio Lower Upper
168 100
99 47.8 40.9 61.3



#5
Bromomethane
Concen: 1.056 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 94 Resp: 717
Ion Ratio Lower Upper
94 100
96 88.9 74.6 112.0

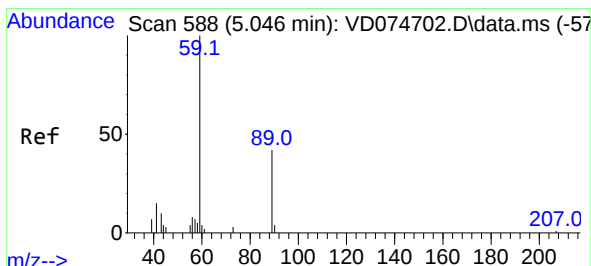
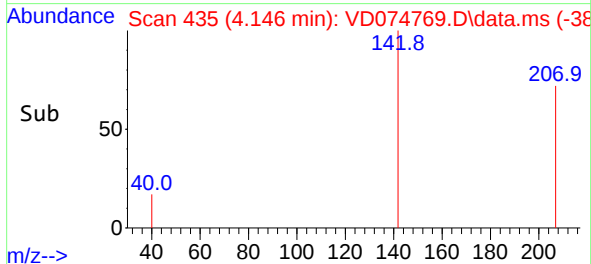
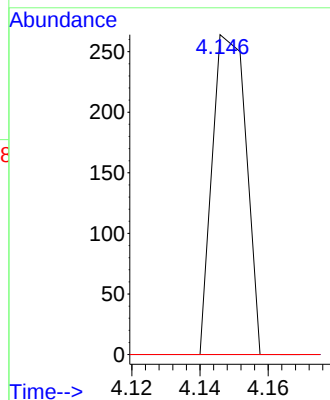
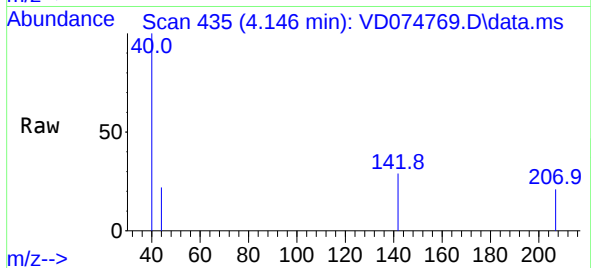




#10
Methyl Iodide
Concen: 5.744 ug/l
RT: 4.146 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

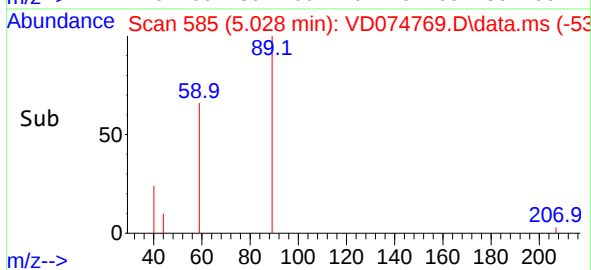
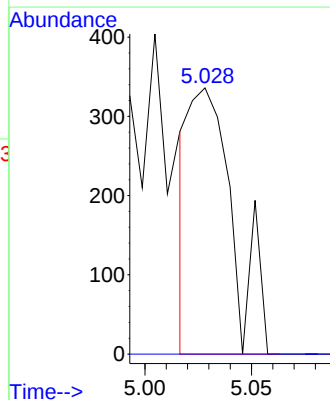
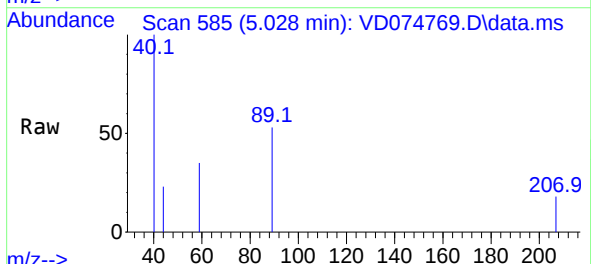
Instrument :
MSVOA_D
ClientSampleId :
SB-21

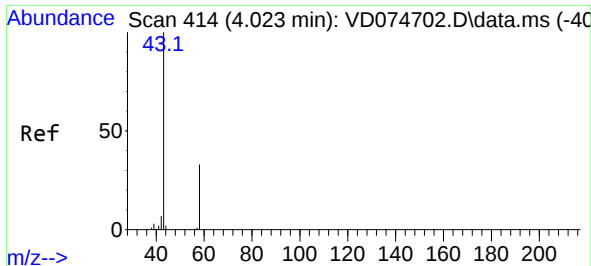
Tgt Ion:142 Resp: 181
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 585
Delta R.T. -0.018 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 59 Resp: 480
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

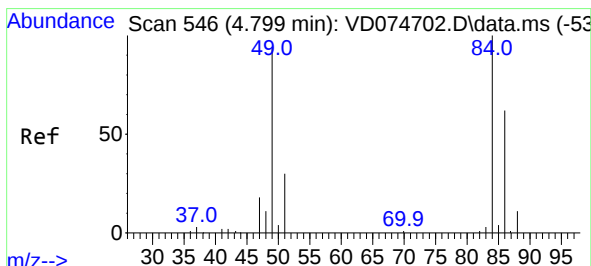
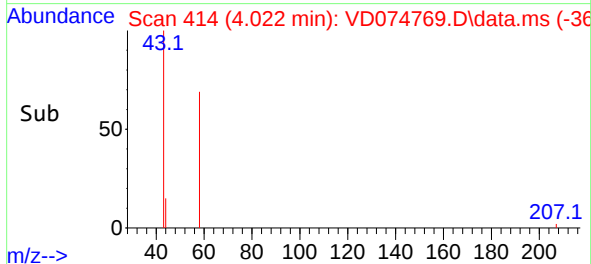
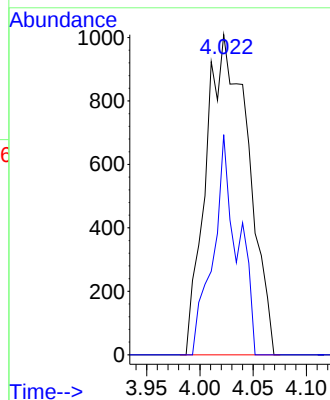
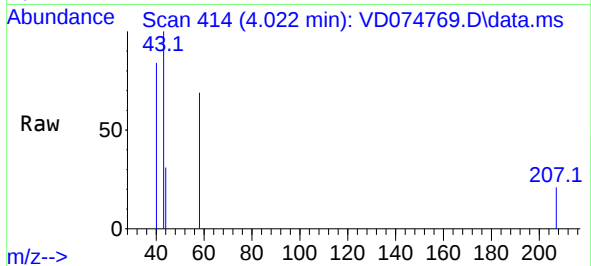




#16
Acetone
Concen: 27.120 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

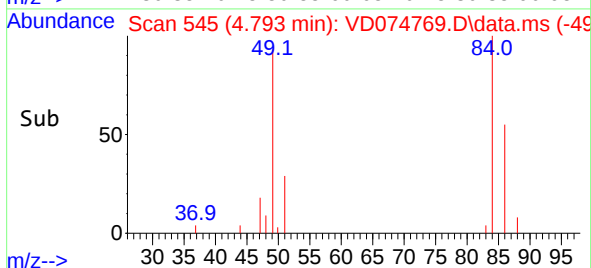
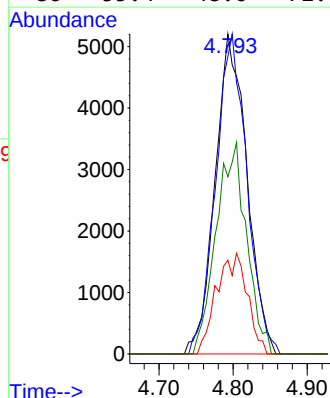
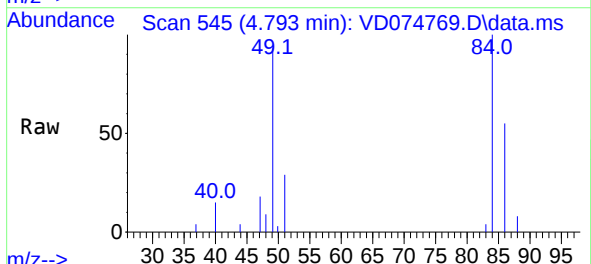
Instrument :
MSVOA_D
ClientSampleId :
SB-21

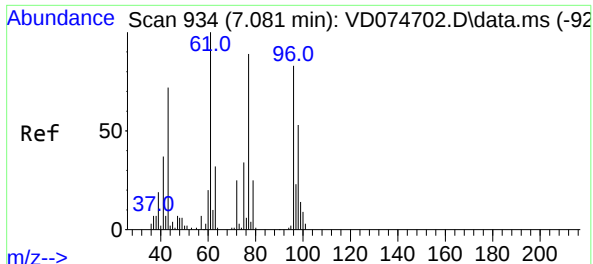
Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
58 68.8 30.2 45.2#



#20
Methylene Chloride
Concen: 8.351 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 84 Resp: 15471
Ion Ratio Lower Upper
84 100
49 92.9 68.0 102.0
51 29.3 23.2 34.8
86 55.4 48.0 72.0

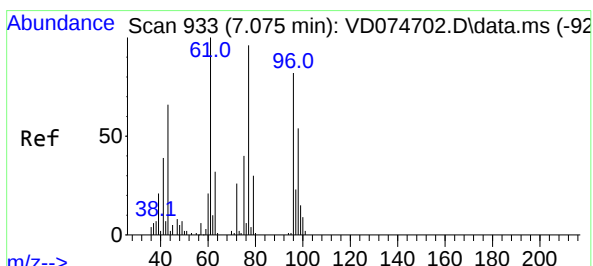
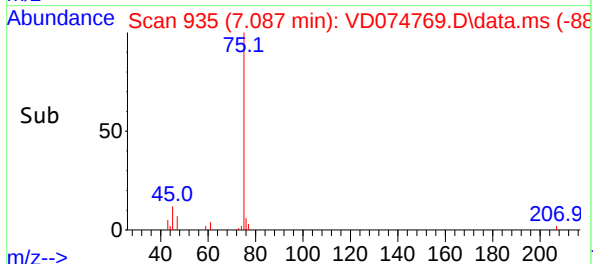
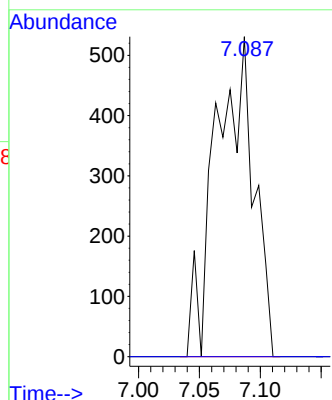
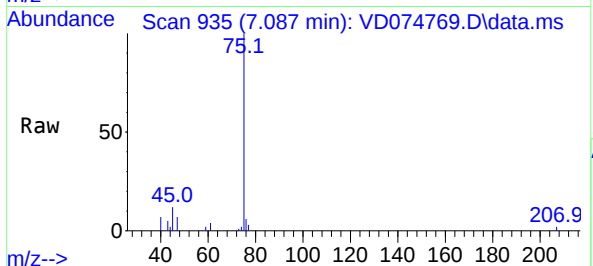




#25
2-Butanone
Concen: 8.140 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

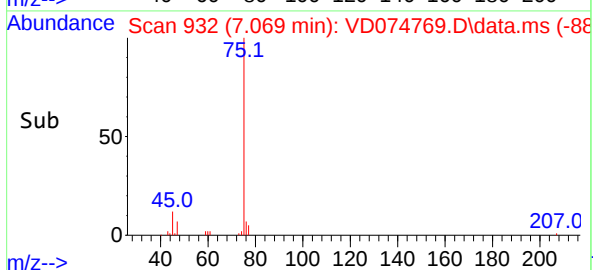
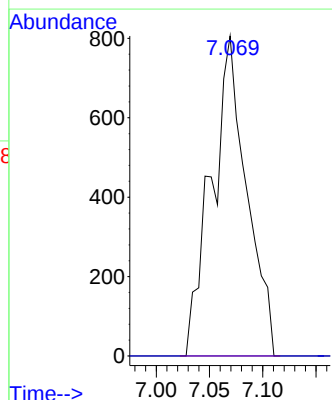
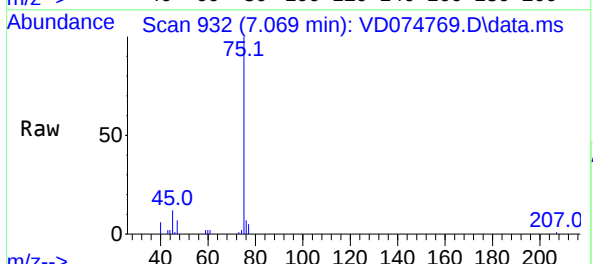
Instrument :
MSVOA_D
ClientSampleId :
SB-21

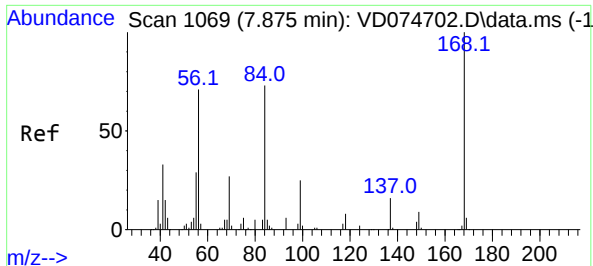
Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 1.796 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 77 Resp: 1854
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#

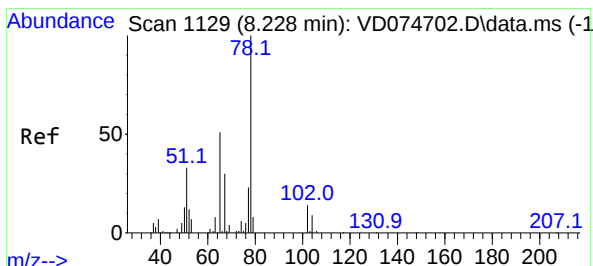
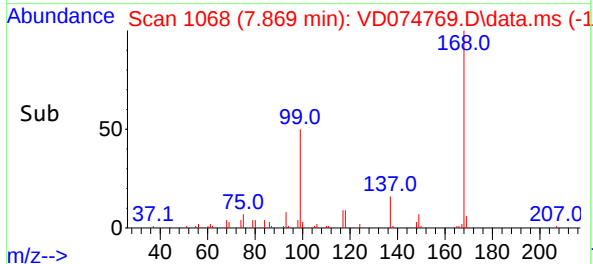
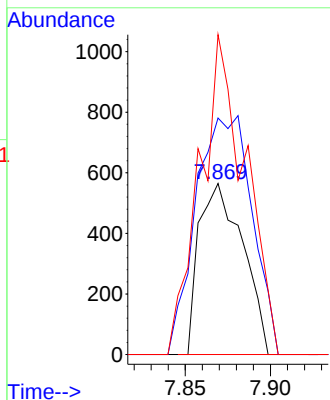
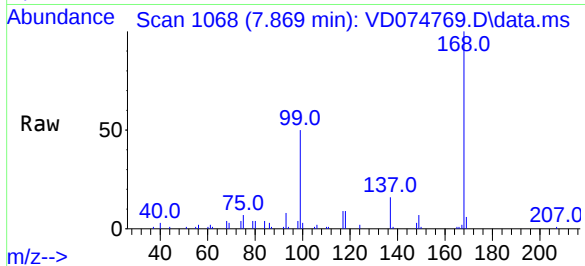




#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

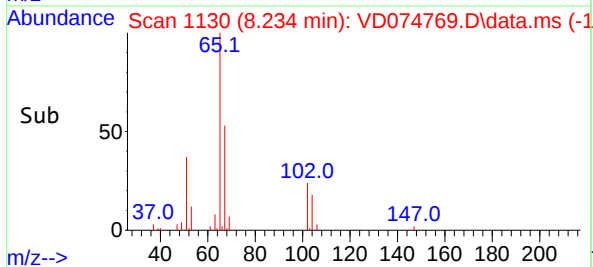
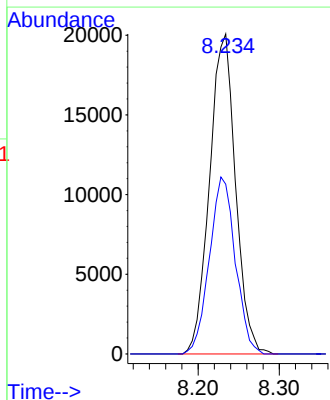
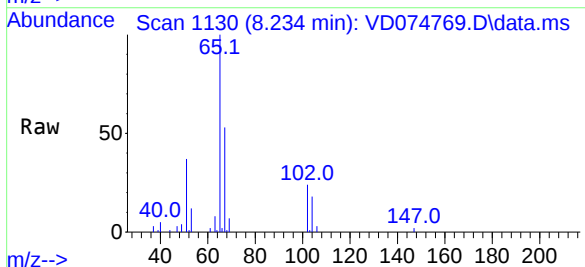
Instrument :
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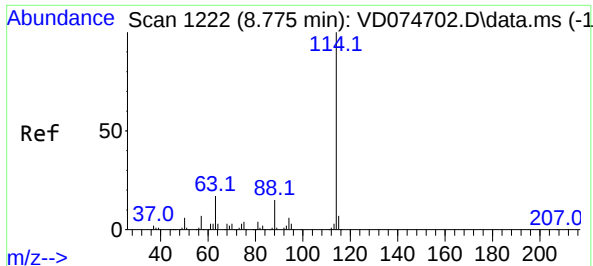
Tgt Ion: 56 Resp: 1010
Ion Ratio Lower Upper
56 100
69 138.2 29.2 43.8#
84 186.9 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 90.506 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 65 Resp: 44682
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074769.D

Acq: 07 Nov 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

SB-21

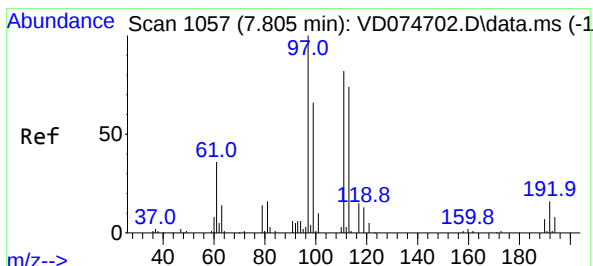
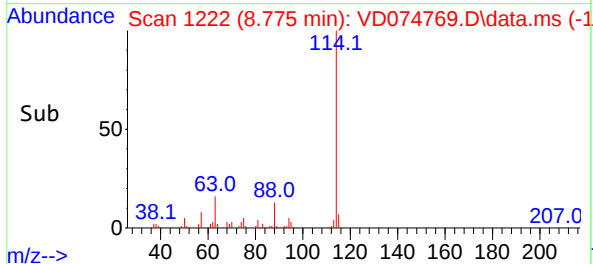
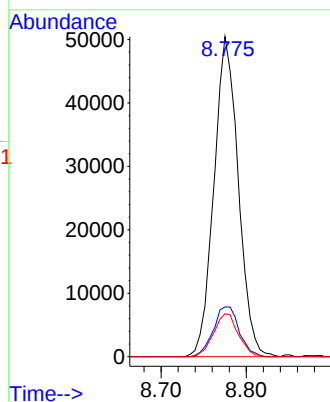
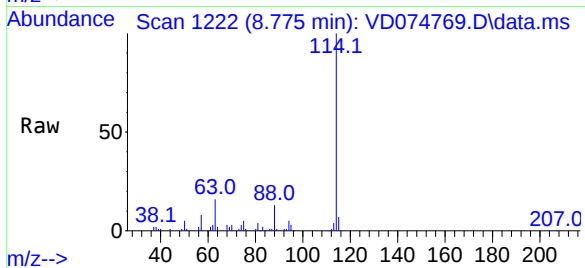
Tgt Ion:114 Resp: 100171

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 91.688 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074769.D

Acq: 07 Nov 2022 18:54

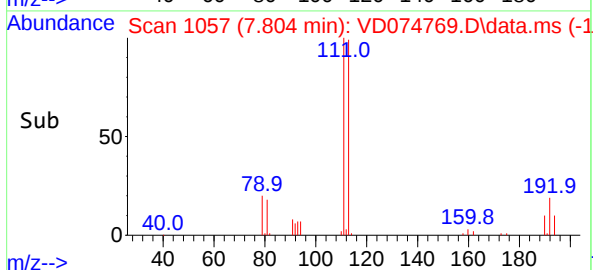
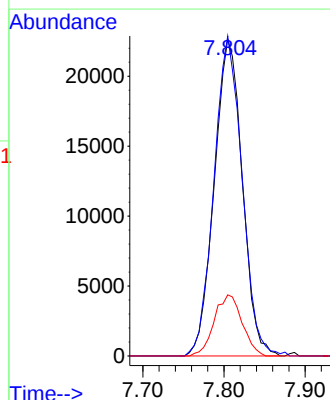
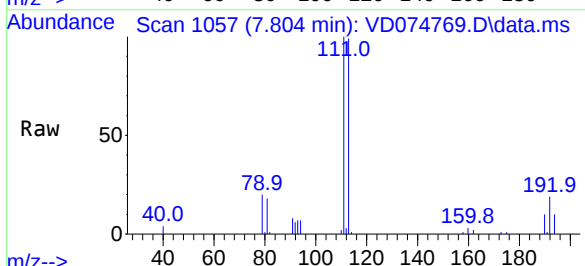
Tgt Ion:113 Resp: 54330

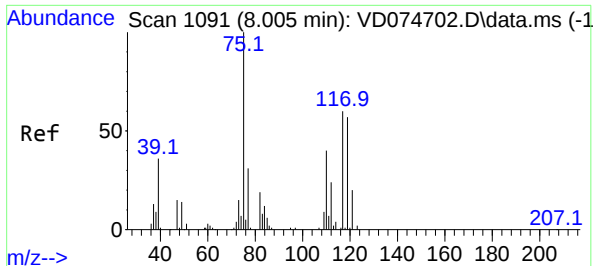
Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

192 19.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.571 ug/l

RT: 7.869 min Scan# 1

Delta R.T. -0.136 min

Lab File: VD074769.D

Acq: 07 Nov 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

SB-21

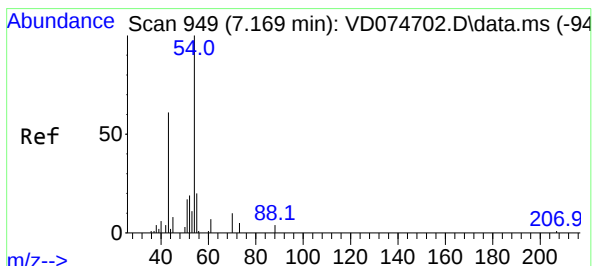
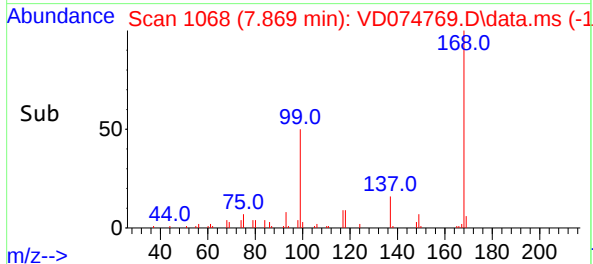
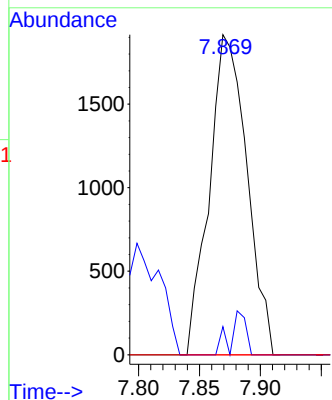
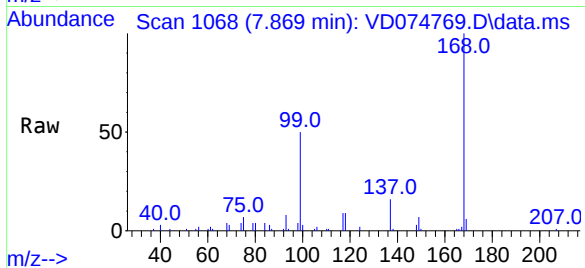
Tgt Ion: 75 Resp: 4111

Ion Ratio Lower Upper

75 100

110 5.6 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 3.843 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.082 min

Lab File: VD074769.D

Acq: 07 Nov 2022 18:54

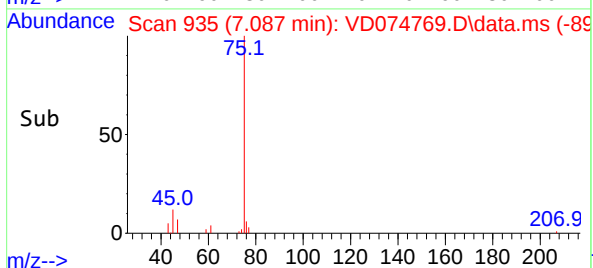
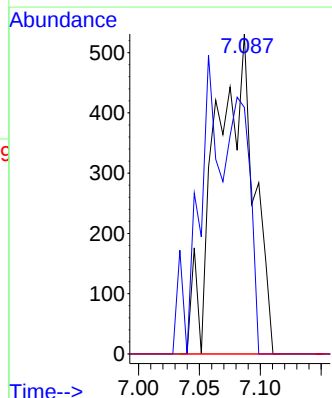
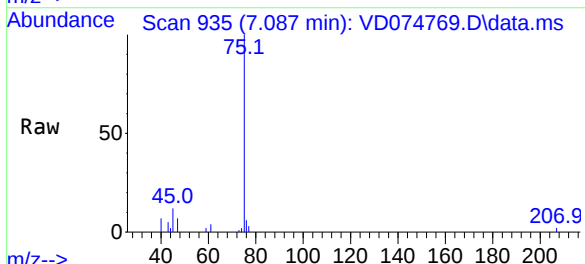
Tgt Ion: 43 Resp: 1153

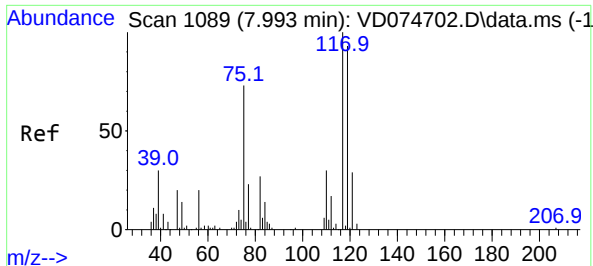
Ion Ratio Lower Upper

43 100

61 45.0 12.2 18.4#

70 0.0 9.6 14.4#

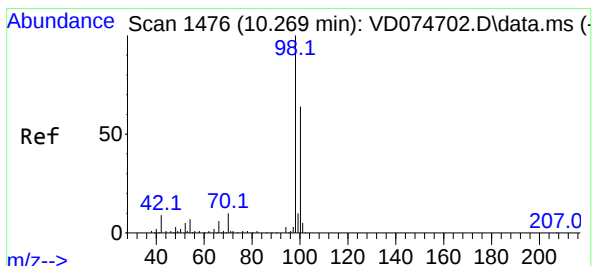
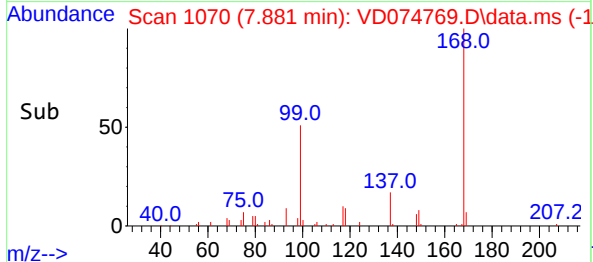
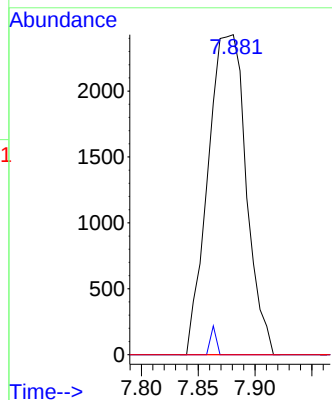
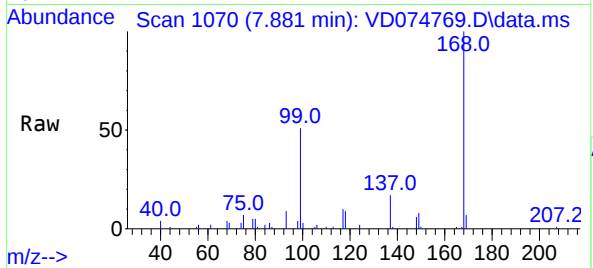




#38
Carbon Tetrachloride
Concen: 6.674 ug/l
RT: 7.881 min Scan# 117
Delta R.T. -0.112 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

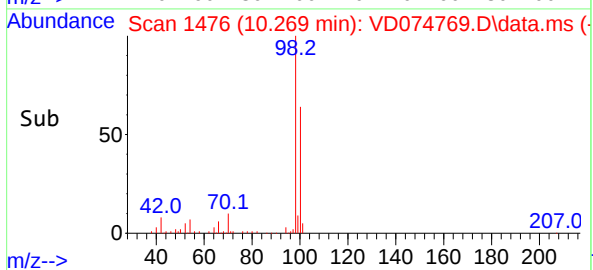
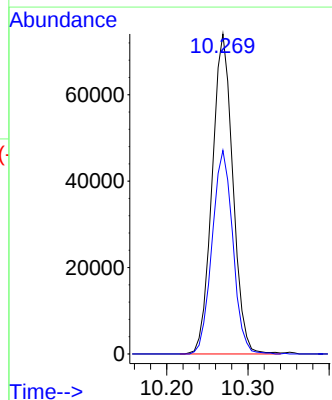
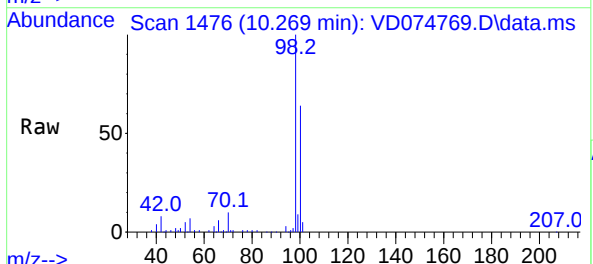
Instrument :
MSVOA_D
ClientSampleId :
SB-21

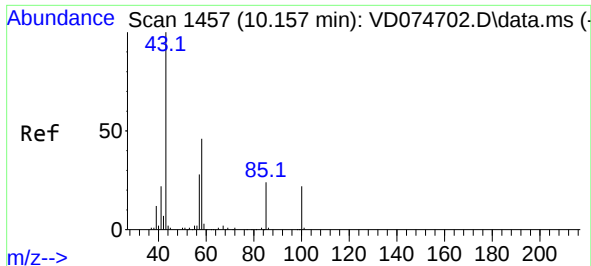
Tgt Ion:117 Resp: 5687
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 60.792 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 98 Resp: 131399
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0

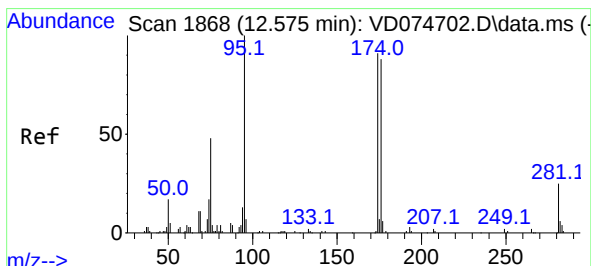
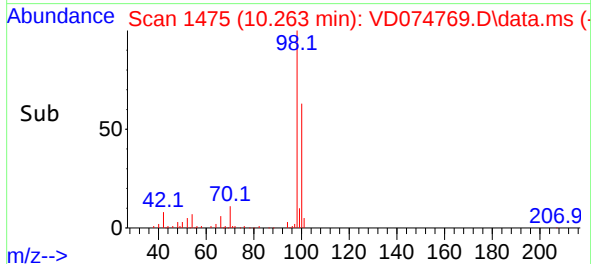
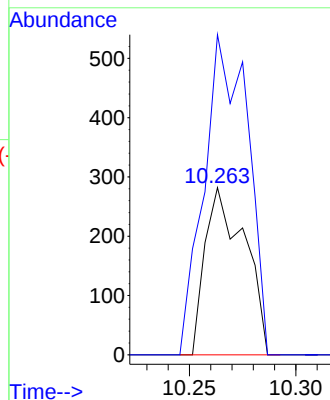
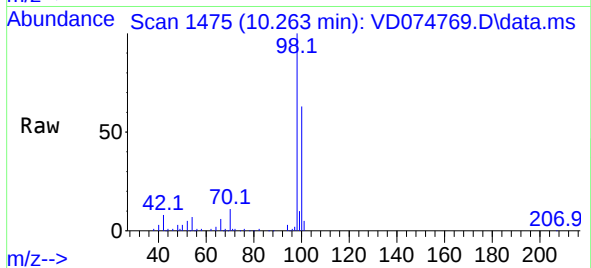




#51
4-Methyl-2-Pentanone
Concen: 1.345 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

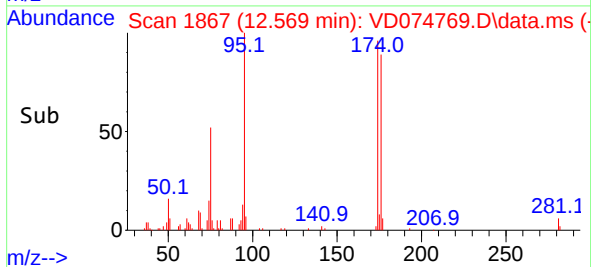
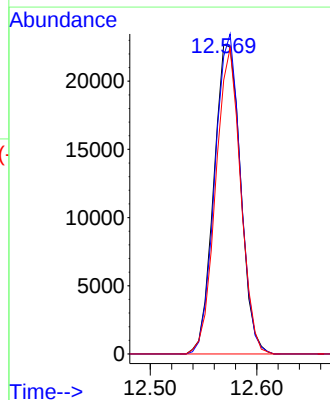
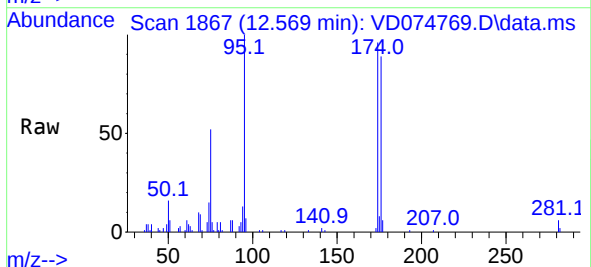
Instrument :
MSVOA_D
ClientSampleId :
SB-21

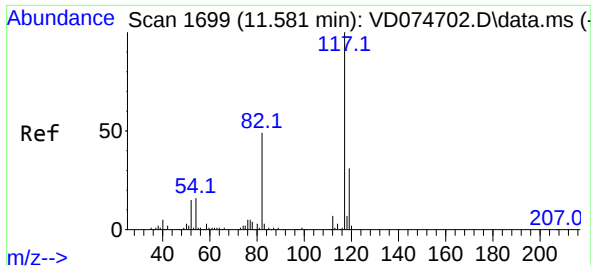
Tgt Ion: 43 Resp: 364
Ion Ratio Lower Upper
43 100
58 211.3 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 63.182 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

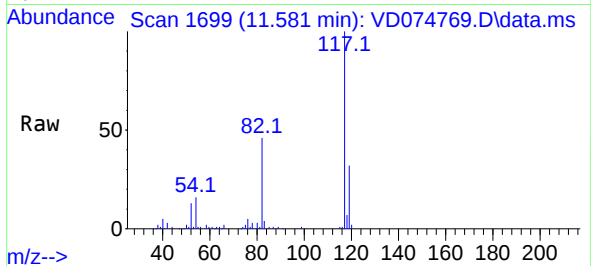
Tgt Ion: 95 Resp: 39431
Ion Ratio Lower Upper
95 100
174 98.8 0.0 197.0
176 92.3 0.0 182.6



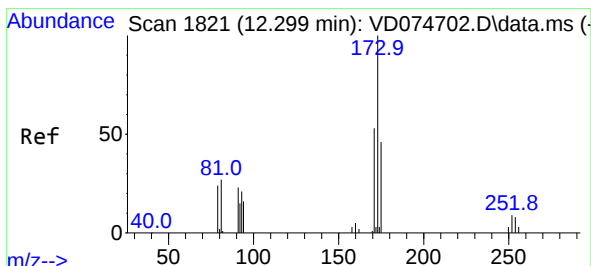
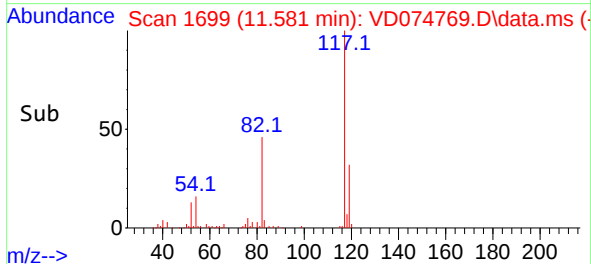
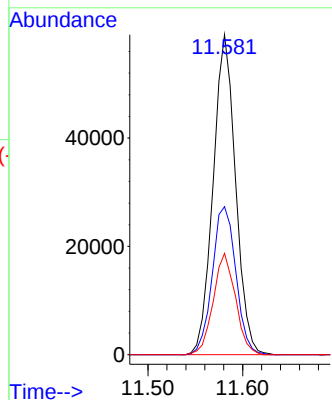


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Instrument :
MSVOA_D
ClientSampleId :
SB-21

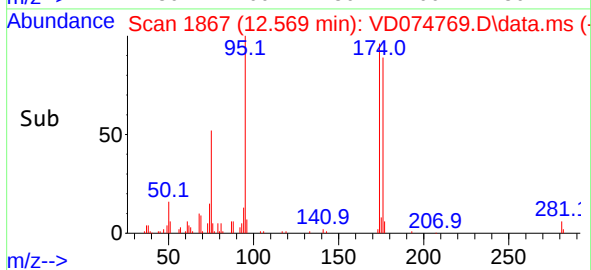
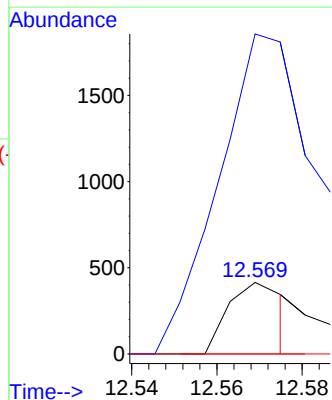
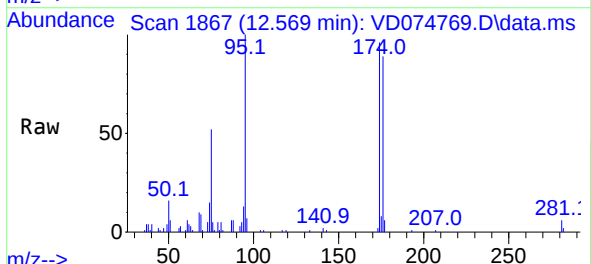


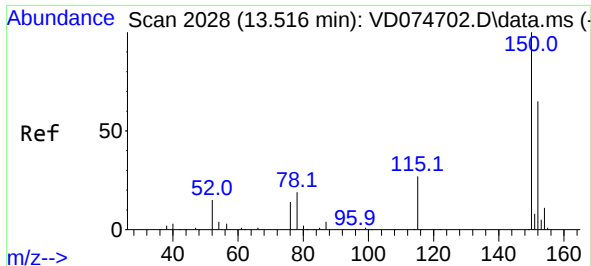
Tgt Ion:117 Resp: 97402
Ion Ratio Lower Upper
117 100
82 46.3 41.6 62.4
119 31.6 25.2 37.8



#71
Bromoform
Concen: 1.073 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Tgt Ion:173 Resp: 376
Ion Ratio Lower Upper
173 100
175 557.4 23.1 69.3#
254 0.0 0.0 0.0

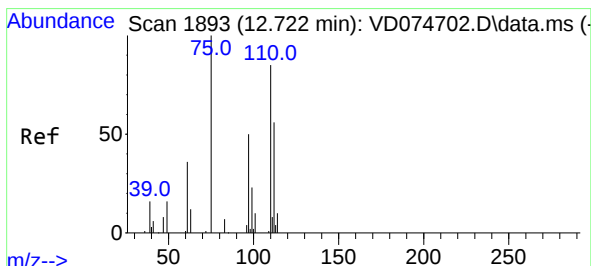
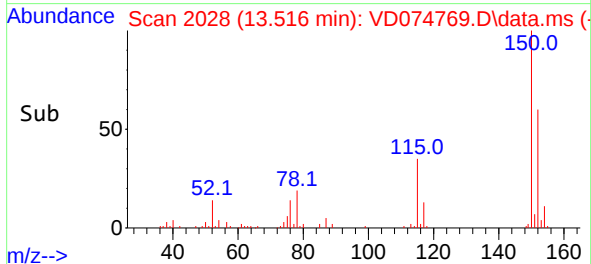
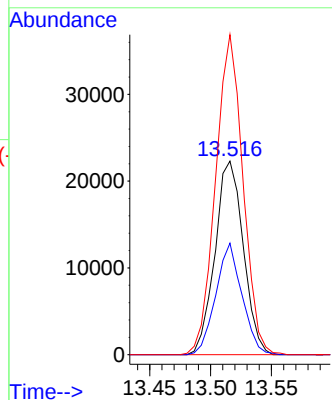
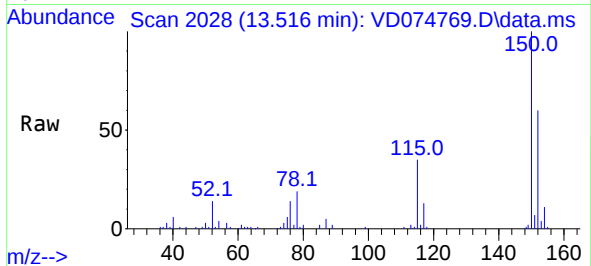




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

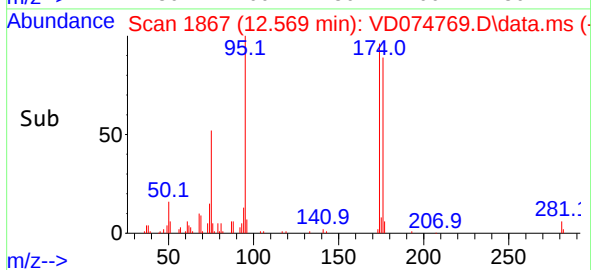
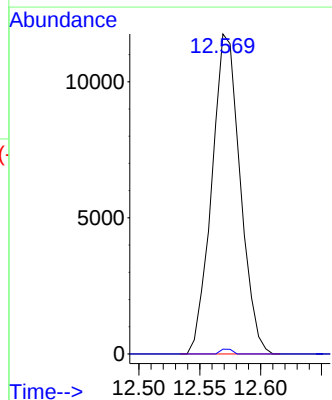
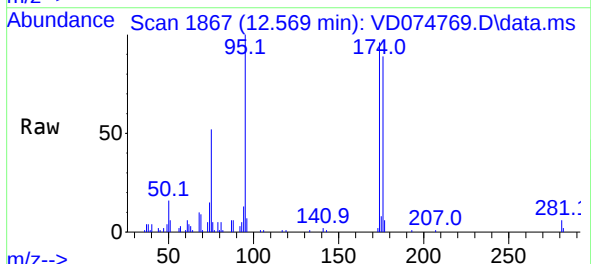
Instrument :
MSVOA_D
ClientSampleId :
SB-21

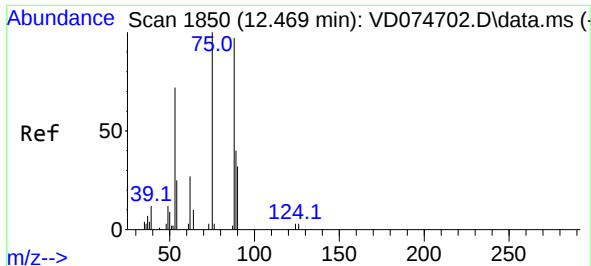
Tgt Ion:152 Resp: 36118
Ion Ratio Lower Upper
152 100
115 53.2 26.8 80.4
150 160.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 68.228 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

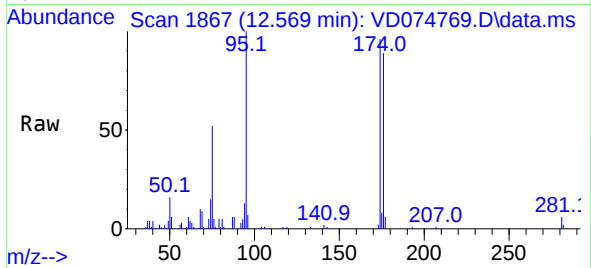
Tgt Ion: 75 Resp: 19103
Ion Ratio Lower Upper
75 100
77 0.6 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 161.956 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074769.D
Acq: 07 Nov 2022 18:54

Instrument :
MSVOA_D
ClientSampleId :
SB-21



Tgt Ion:	75	Resp:	19103
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

