

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074861.D
 Acq On : 10 Nov 2022 12:11
 Operator : VA/SY
 Sample : VD1110SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBL01

Quant Time: Nov 10 16:39:46 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)

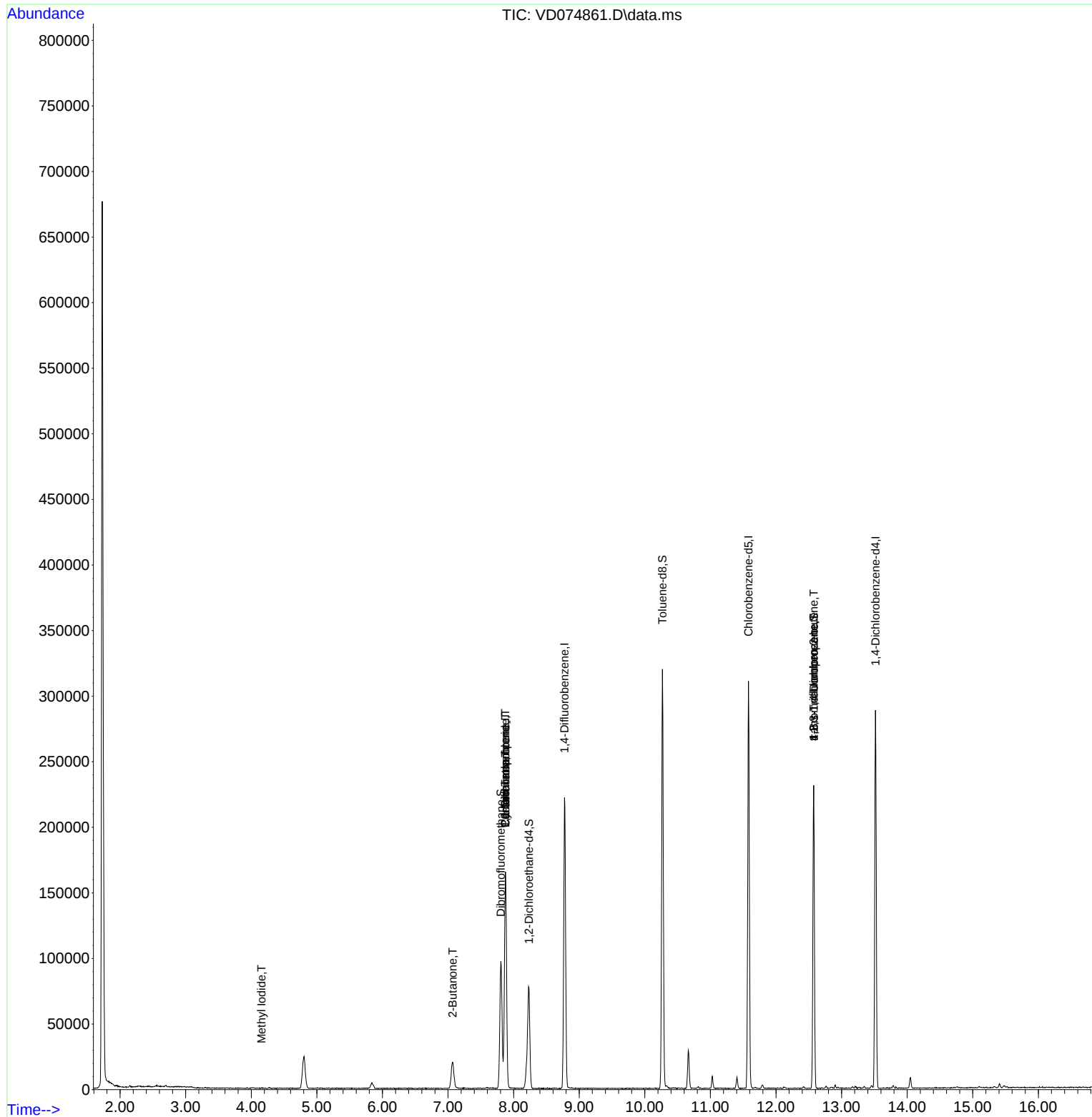
Internal Standards						
1) Pentafluorobenzene	7.875	168	135349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	211255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57511	53.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.300%	
35) Dibromofluoromethane	7.805	113	72506	58.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.040%	
50) Toluene-d8	10.269	98	228077	50.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.575	95	66084	50.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.420%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.158	142	444	5.769	ug/l #	43
11) Tert butyl alcohol	5.052	59	54	Below Cal	#	84
20) Methylene Chloride	4.805	84	21062	Below Cal	#	88
25) 2-Butanone	7.069	43	601	1.954	ug/l #	42
31) Cyclohexane	7.875	56	2544	1.172	ug/l #	17
36) 1,1-Dichloropropene	7.875	75	9893	5.216	ug/l #	46
38) Carbon Tetrachloride	7.875	117	12713	7.074	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	32364	49.895	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	32364	118.438	ug/l #	17

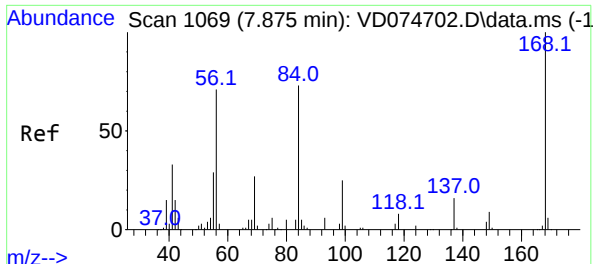
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
Data File : VD074861.D
Acq On : 10 Nov 2022 12:11
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

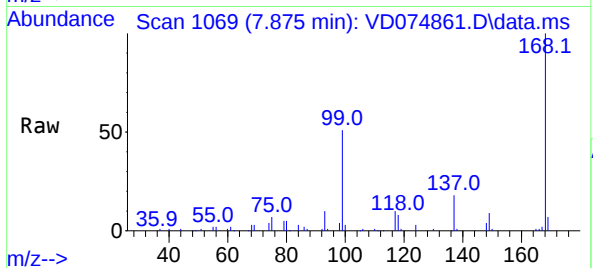
Quant Time: Nov 10 16:39:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration



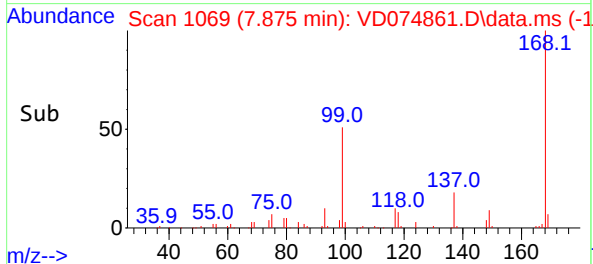
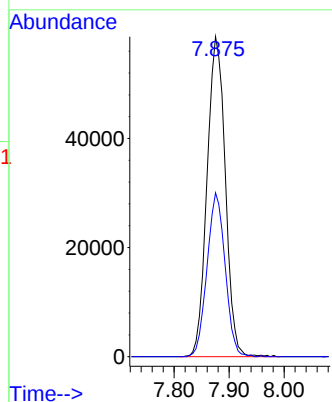


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

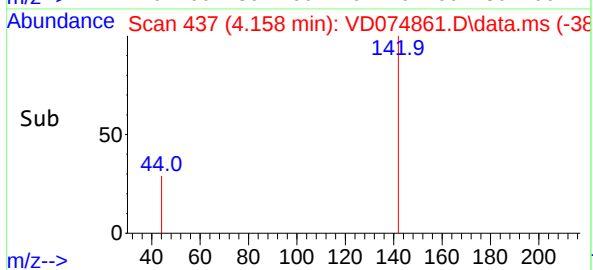
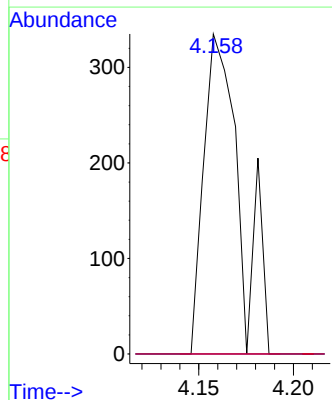
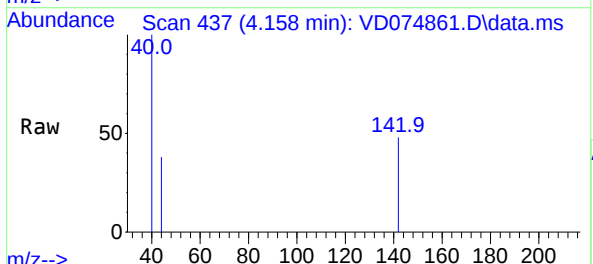


Tgt Ion:168 Resp: 135349
Ion Ratio Lower Upper
168 100
99 51.2 40.9 61.3



#10
Methyl Iodide
Concen: 5.769 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Tgt Ion:142 Resp: 444
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: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD074861.D

Acq: 10 Nov 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

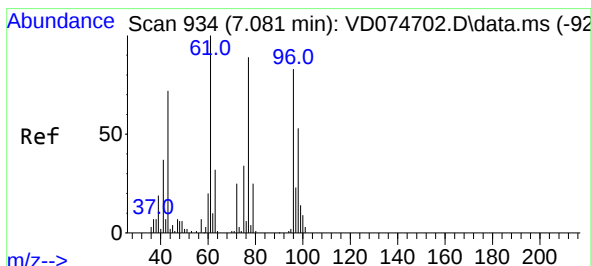
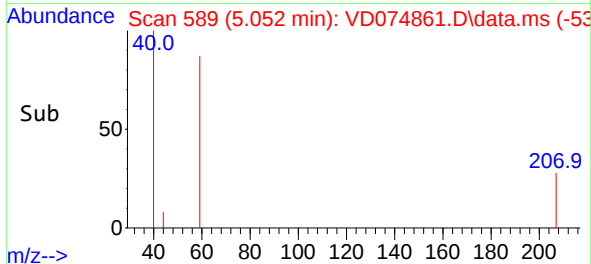
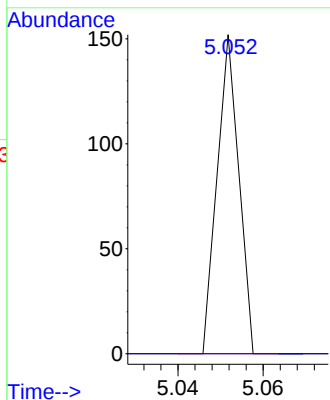
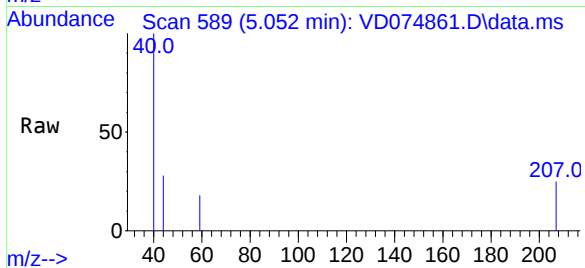
VD1110SBL01

Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#25

2-Butanone

Concen: 1.954 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD074861.D

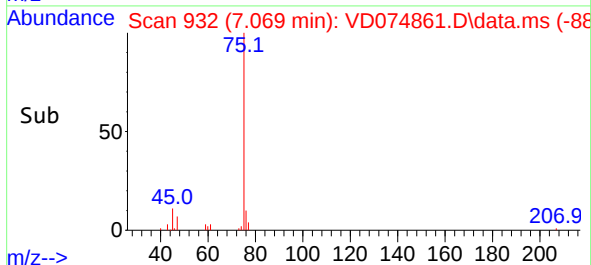
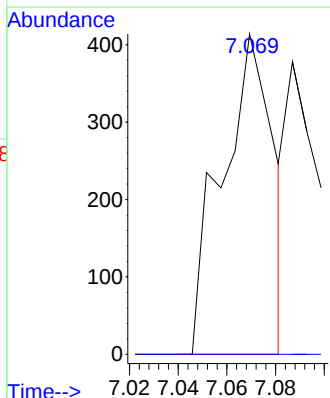
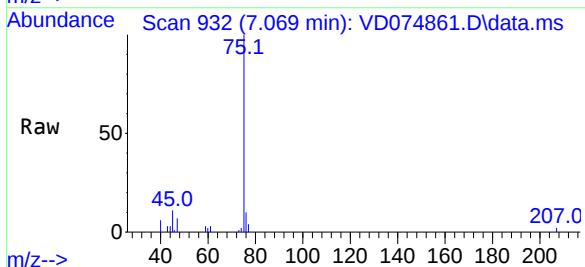
Acq: 10 Nov 2022 12:11

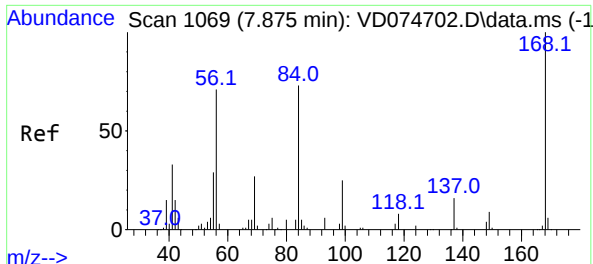
Tgt Ion: 43 Resp: 601

Ion Ratio Lower Upper

43 100

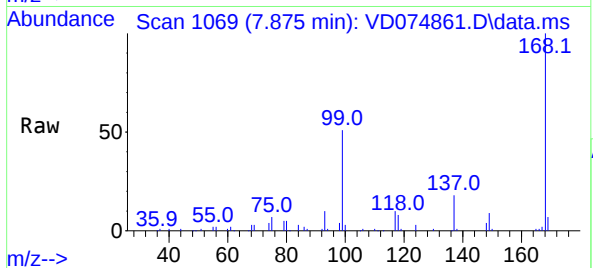
72 0.0 25.8 38.8#



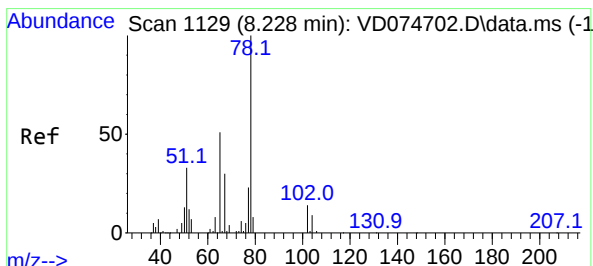
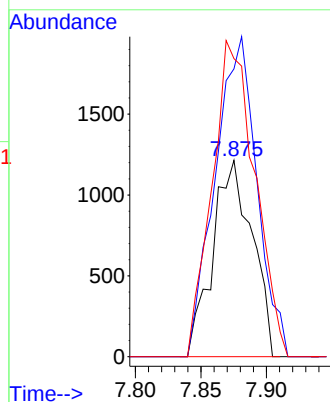
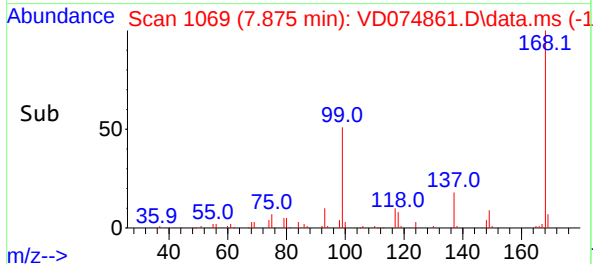


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

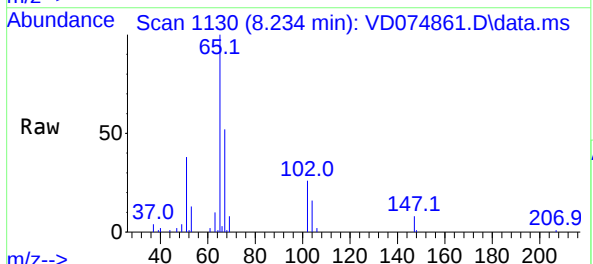
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01



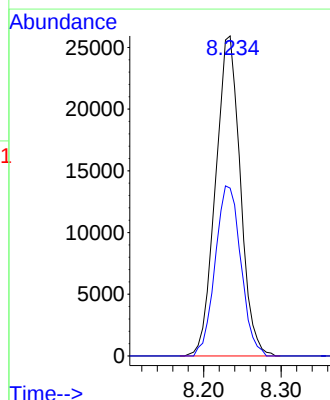
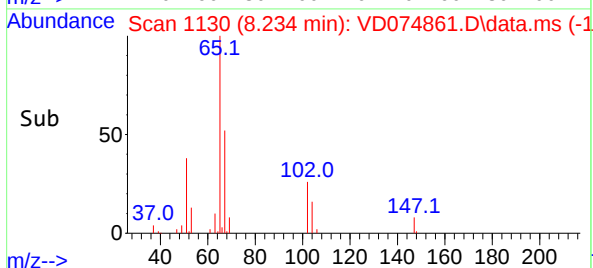
Tgt Ion: 56 Resp: 2544
Ion Ratio Lower Upper
56 100
69 146.6 29.2 43.8#
84 151.8 83.4 125.2#

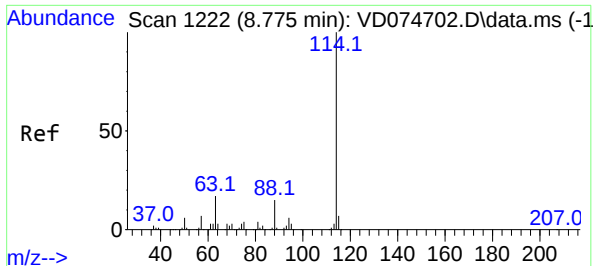


#33
1,2-Dichloroethane-d4
Concen: 53.649 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11



Tgt Ion: 65 Resp: 57511
Ion Ratio Lower Upper
65 100
67 55.1 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: VD074861.D

Acq: 10 Nov 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBL01

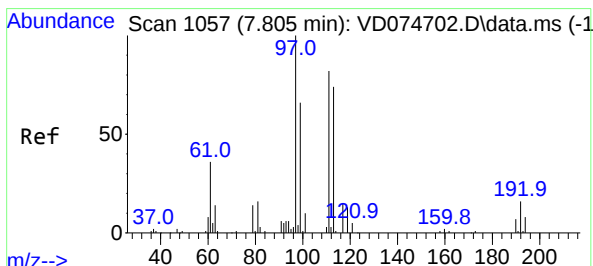
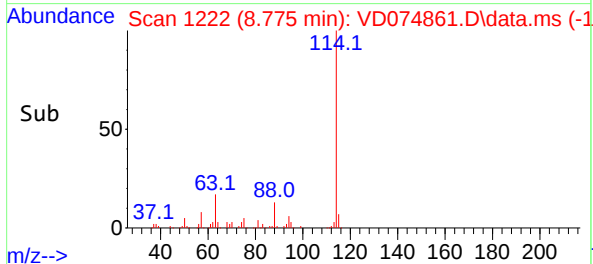
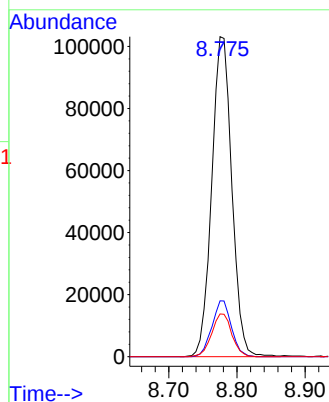
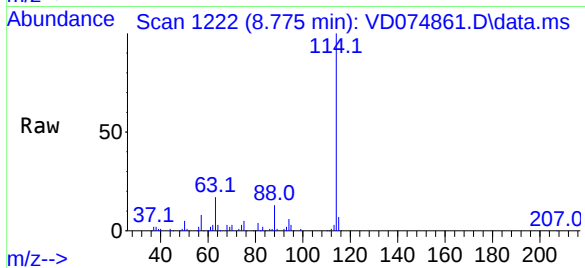
Tgt Ion:114 Resp: 211255

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.021 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074861.D

Acq: 10 Nov 2022 12:11

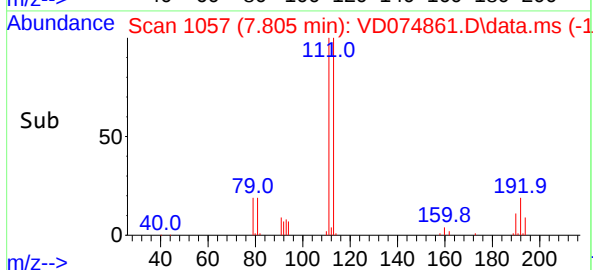
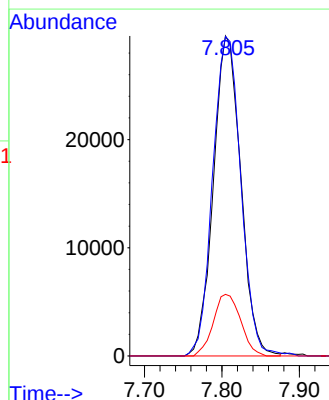
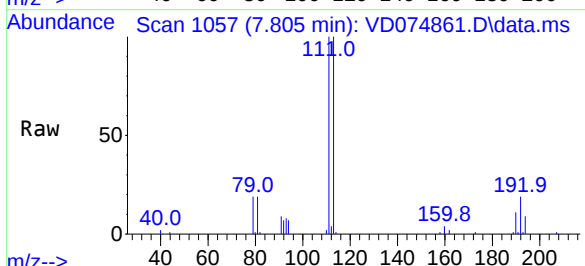
Tgt Ion:113 Resp: 72506

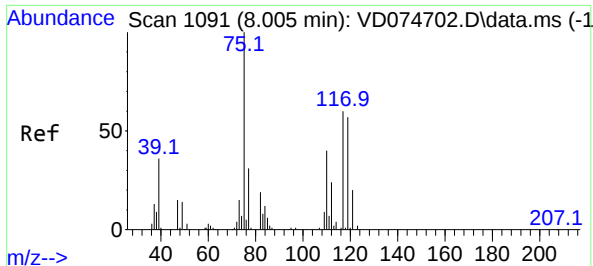
Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 19.3 16.4 24.6





#36

1,1-Dichloropropene

Concen: 5.216 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074861.D

Acq: 10 Nov 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBL01

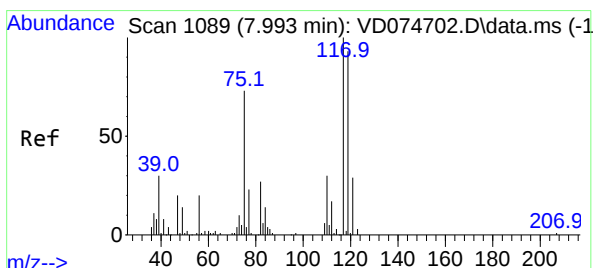
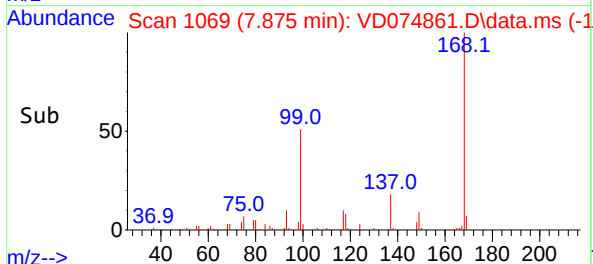
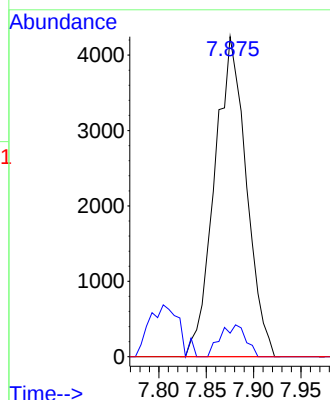
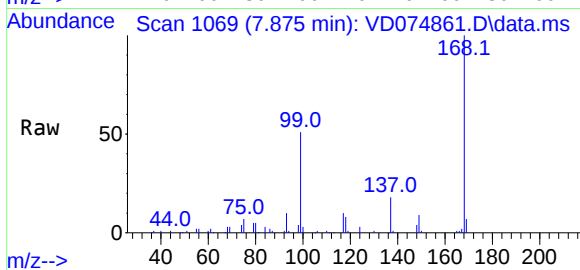
Tgt Ion: 75 Resp: 9893

Ion Ratio Lower Upper

75 100

110 8.0 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 7.074 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074861.D

Acq: 10 Nov 2022 12:11

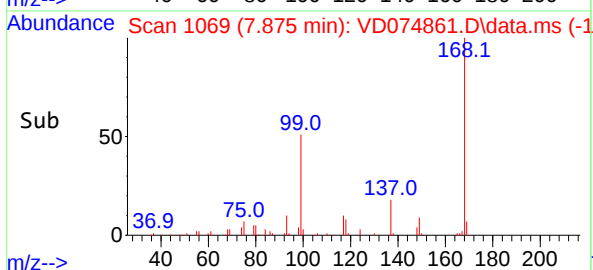
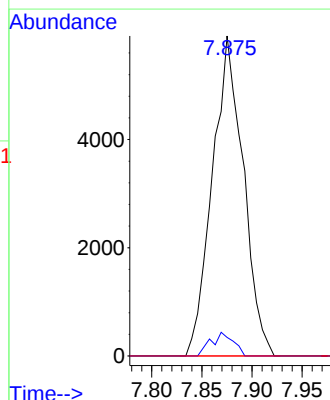
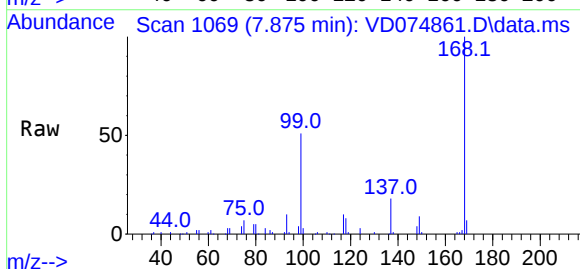
Tgt Ion: 117 Resp: 12713

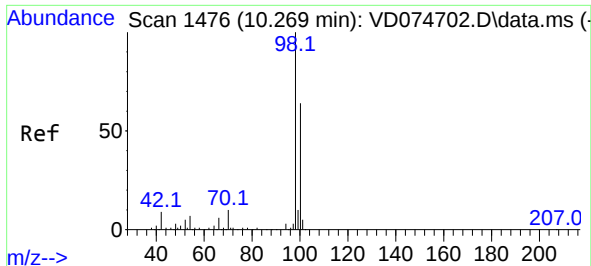
Ion Ratio Lower Upper

117 100

119 5.8 73.1 109.7#

121 0.0 25.0 37.6#

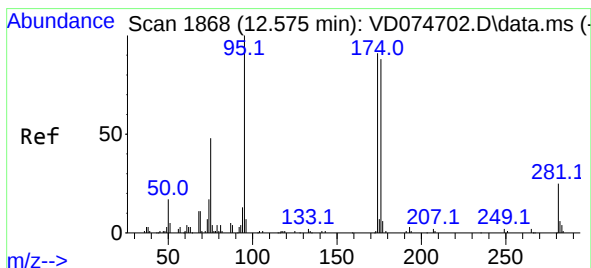
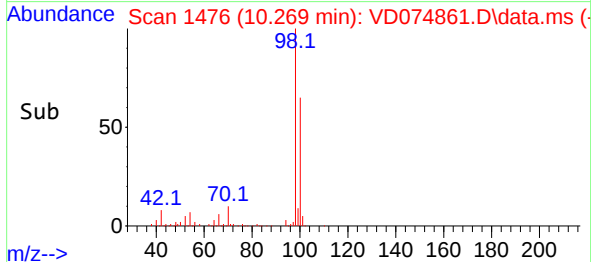
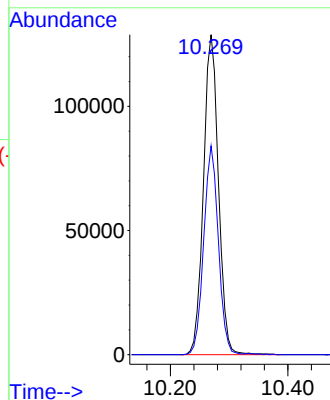
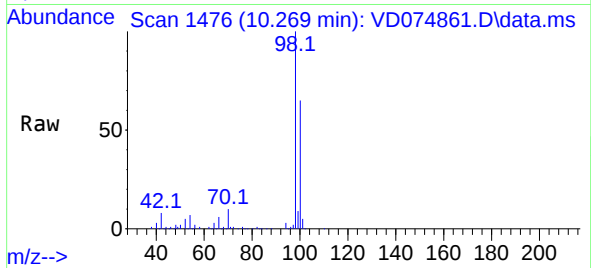




#50
Toluene-d8
Concen: 50.035 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

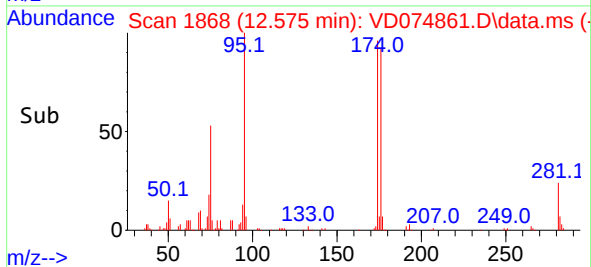
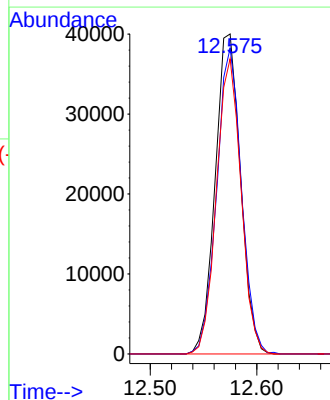
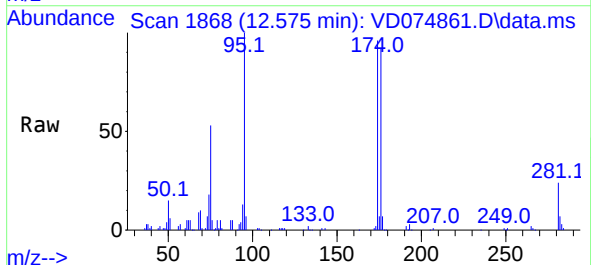
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VD1110SBL01

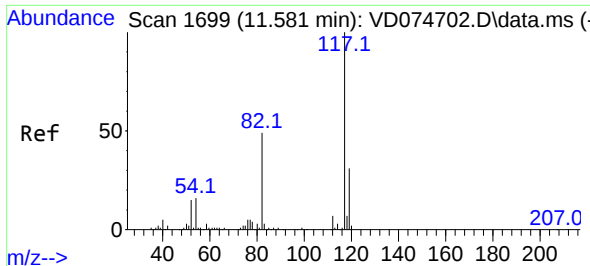
Tgt Ion: 98 Resp: 228077
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.210 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

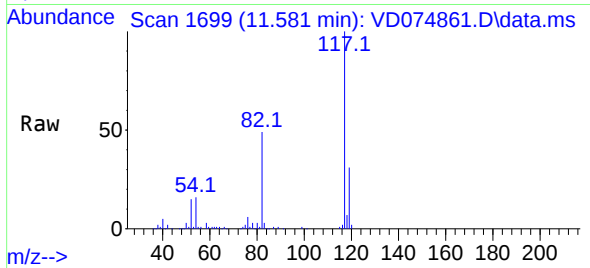
Tgt Ion: 95 Resp: 66084
Ion Ratio Lower Upper
95 100
174 93.5 0.0 197.0
176 89.2 0.0 182.6



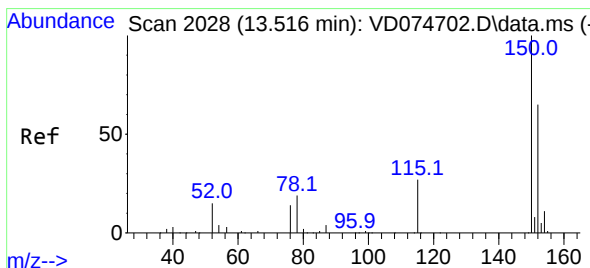
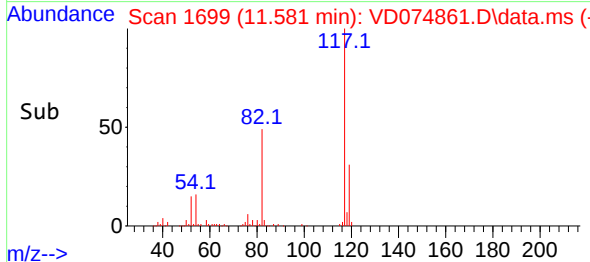
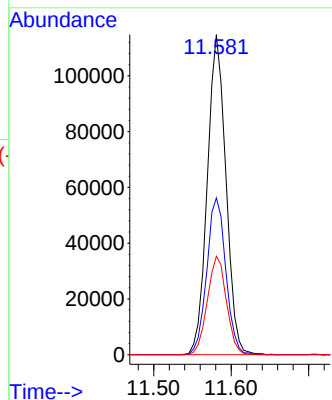


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

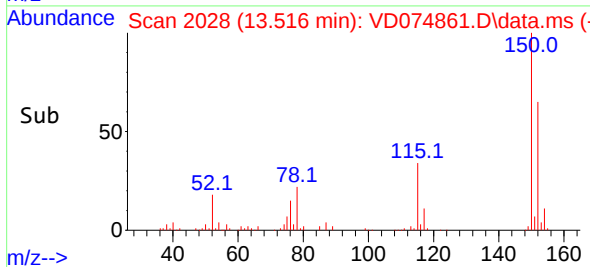
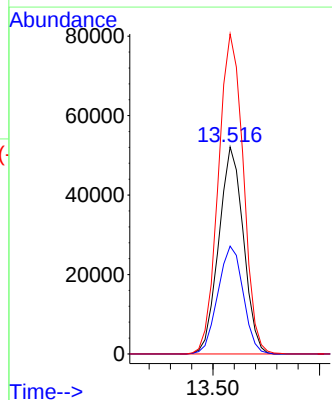
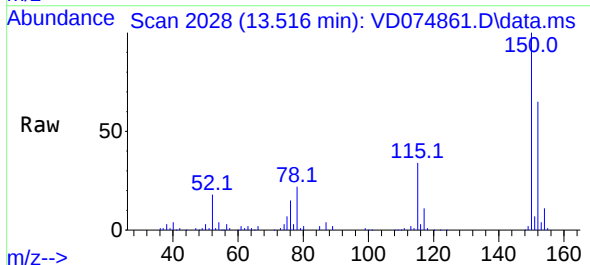


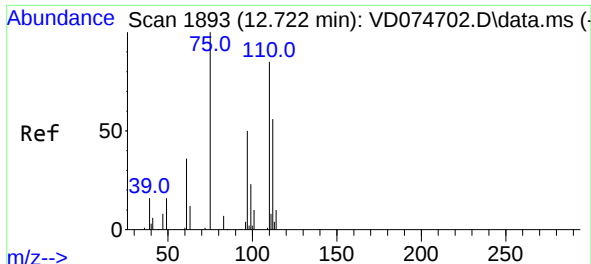
Tgt Ion:117 Resp: 191203
Ion Ratio Lower Upper
117 100
82 49.0 41.6 62.4
119 30.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Tgt Ion:152 Resp: 83674
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 156.6 0.0 348.2

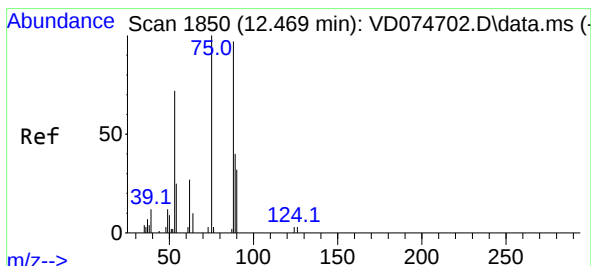
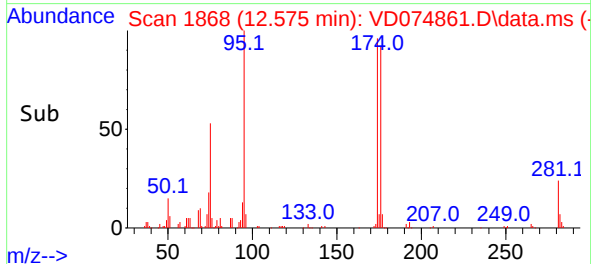
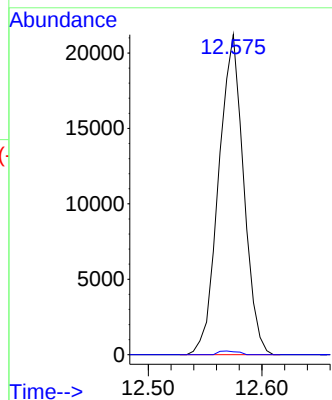
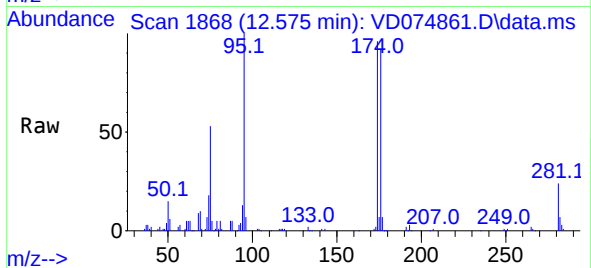




#76
1,2,3-Trichloropropane
Concen: 49.895 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

Tgt Ion: 75 Resp: 32364
Ion Ratio Lower Upper
75 100
77 0.9 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.438 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Tgt Ion: 75 Resp: 32364
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

