

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074911.D
 Acq On : 12 Nov 2022 02:46
 Operator : VA/SY
 Sample : N5607-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-36

Quant Time: Nov 14 00:59:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

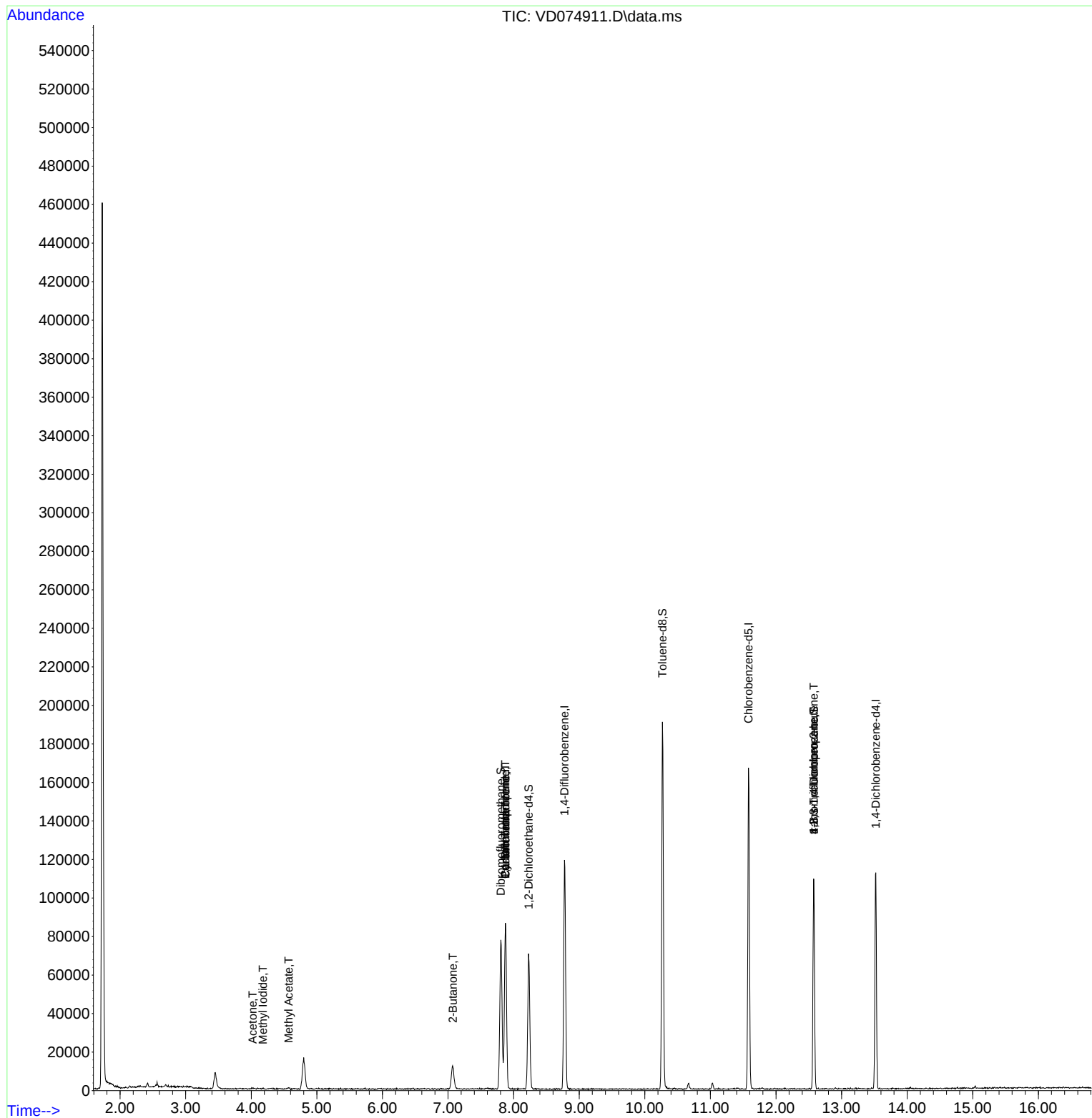
Internal Standards						
1) Pentafluorobenzene	7.875	168	72825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	114927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	105298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	33983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54676	121.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 242.920%#	
35) Dibromofluoromethane	7.805	113	57839	81.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 163.280%#	
50) Toluene-d8	10.269	98	140753	60.314	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.620%	
62) 4-Bromofluorobenzene	12.575	95	33872	47.269	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	491	Below Cal	#	80
10) Methyl Iodide	4.175	142	198	4.972	ug/l #	43
16) Acetone	4.022	43	446	3.710	ug/l #	37
18) Methyl Acetate	4.569	43	1064	1.366	ug/l #	44
20) Methylene Chloride	4.805	84	13258	Below Cal		98
25) 2-Butanone	7.075	43	325	2.067	ug/l #	42
31) Cyclohexane	7.875	56	1234	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	4890	4.697	ug/l #	45
38) Carbon Tetrachloride	7.875	117	6549	6.682	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	16789	59.067	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	16789	145.308	ug/l #	17

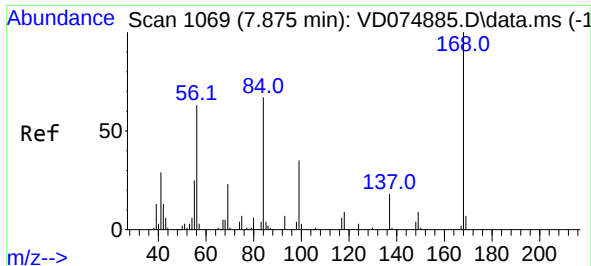
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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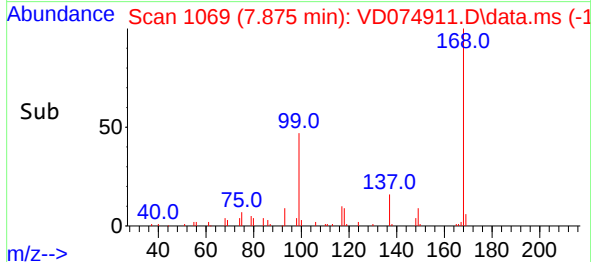
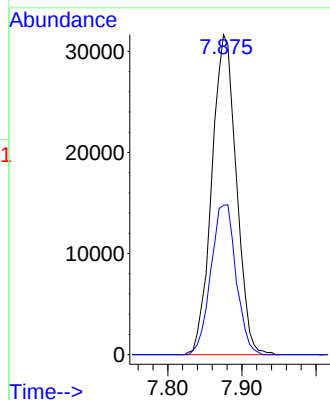
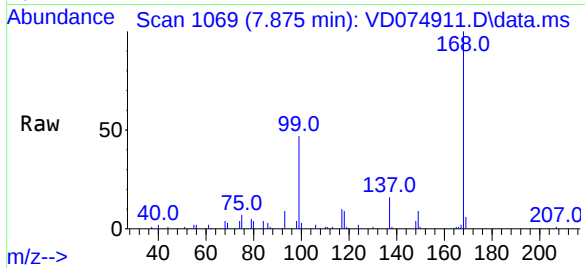




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

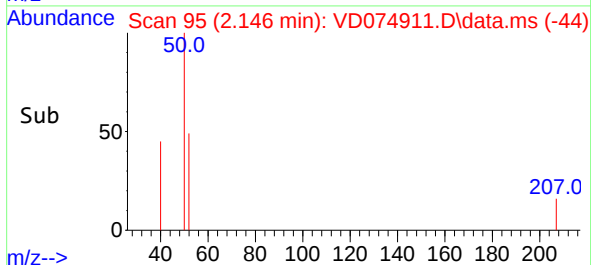
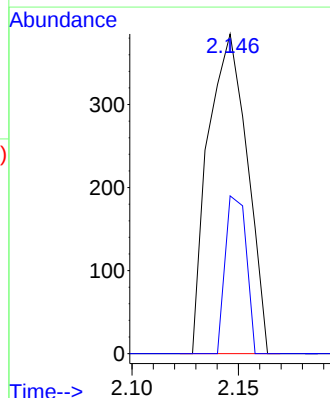
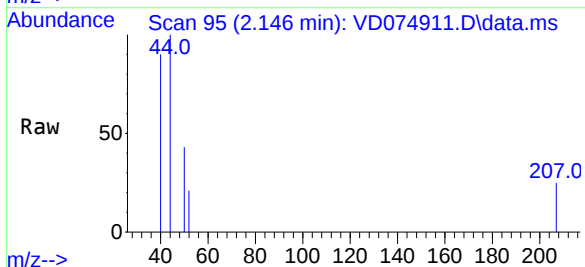
Instrument :
MSVOA_D
ClientSampleId :
SB-36

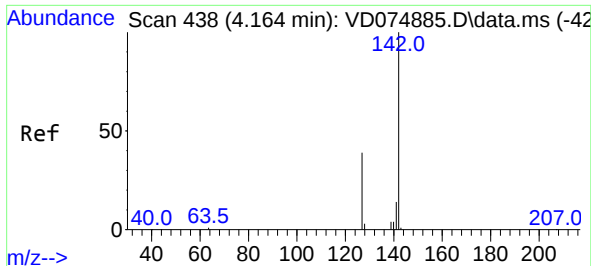
Tgt Ion:168 Resp: 72825
Ion Ratio Lower Upper
168 100
99 46.7 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Tgt Ion: 50 Resp: 491
Ion Ratio Lower Upper
50 100
52 49.4 30.0 45.0#

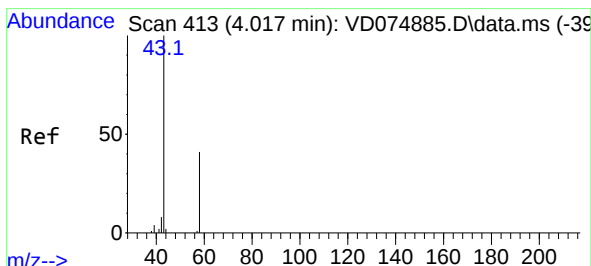
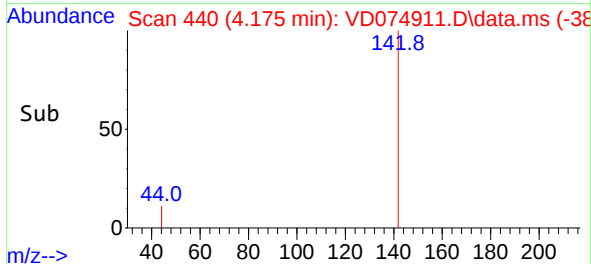
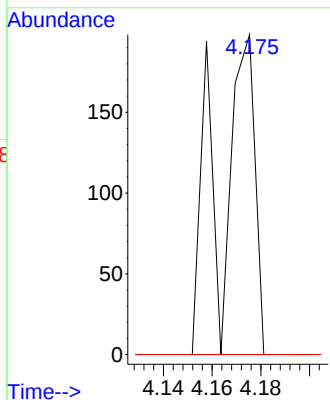
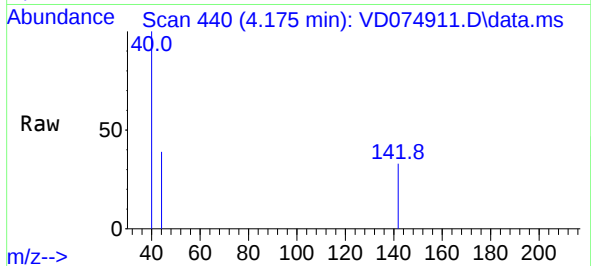




#10
Methyl Iodide
Concen: 4.972 ug/l
RT: 4.175 min Scan# 44
Delta R.T. 0.011 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

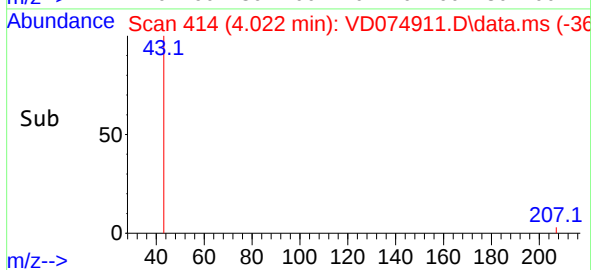
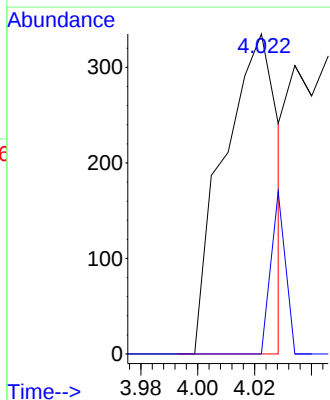
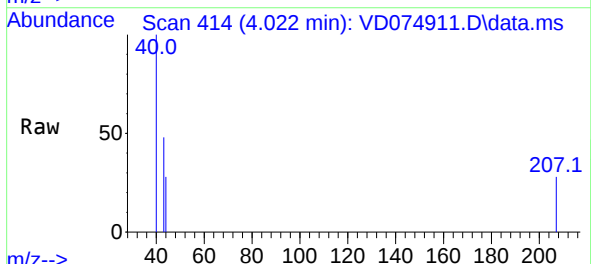
Instrument :
MSVOA_D
ClientSampleId :
SB-36

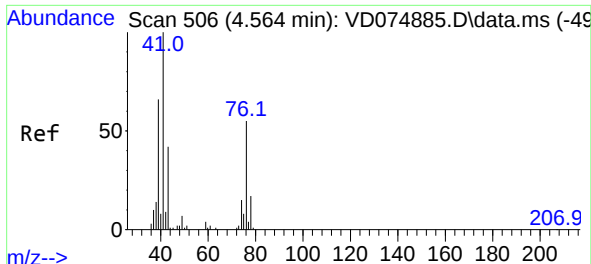
Tgt Ion:142 Resp: 198
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 3.710 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





#18

Methyl Acetate

Concen: 1.366 ug/l

RT: 4.569 min Scan# 506

Delta R.T. 0.005 min

Lab File: VD074911.D

Acq: 12 Nov 2022 02:46

Instrument :

MSVOA_D

ClientSampleId :

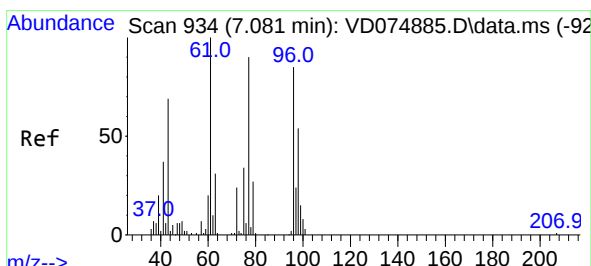
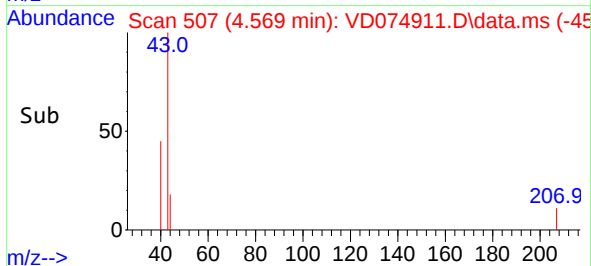
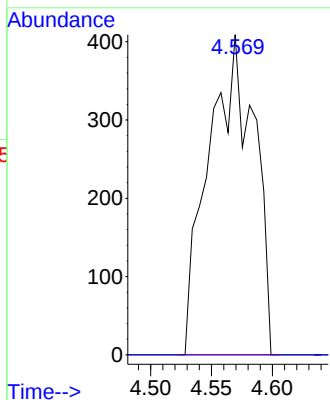
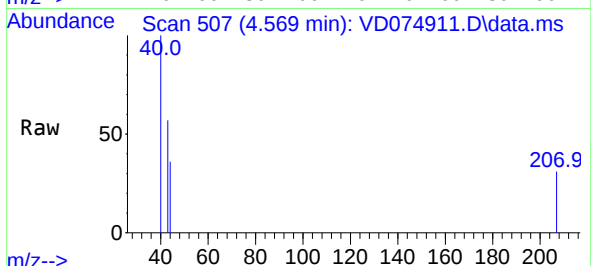
SB-36

Tgt Ion: 43 Resp: 1064

Ion Ratio Lower Upper

43 100

74 0.0 24.7 37.1#



#25

2-Butanone

Concen: 2.067 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD074911.D

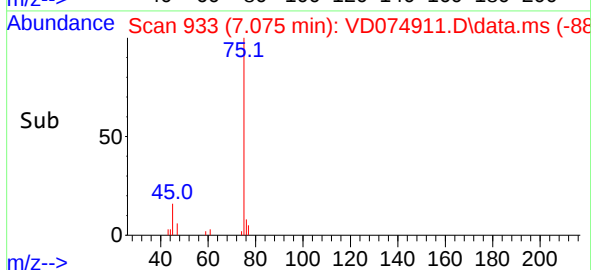
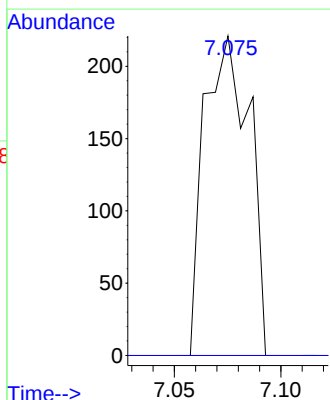
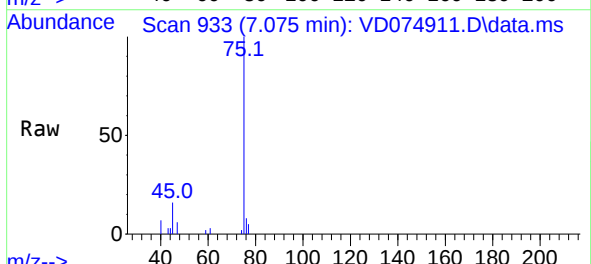
Acq: 12 Nov 2022 02:46

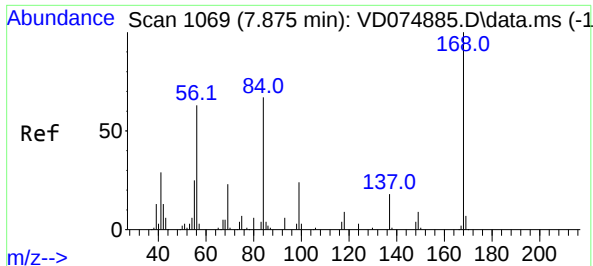
Tgt Ion: 43 Resp: 325

Ion Ratio Lower Upper

43 100

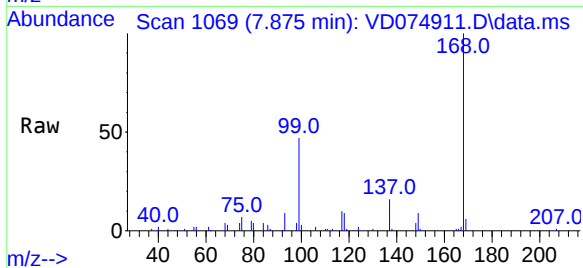
72 0.0 25.8 38.8#



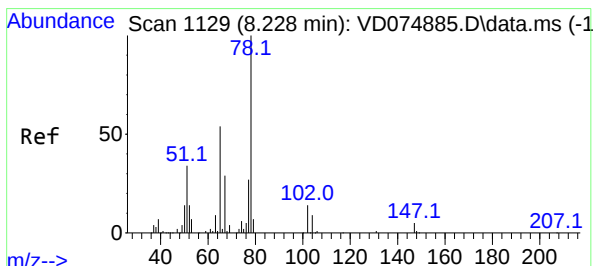
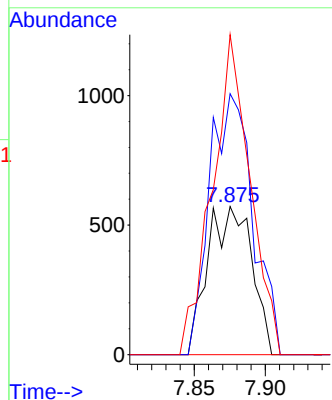
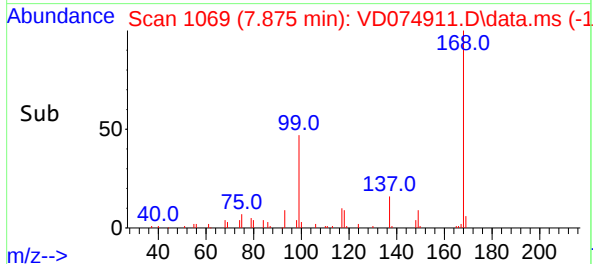


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Instrument :
MSVOA_D
ClientSampleId :
SB-36

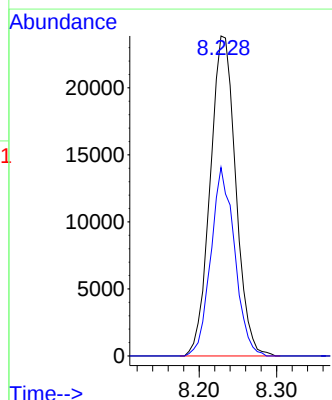
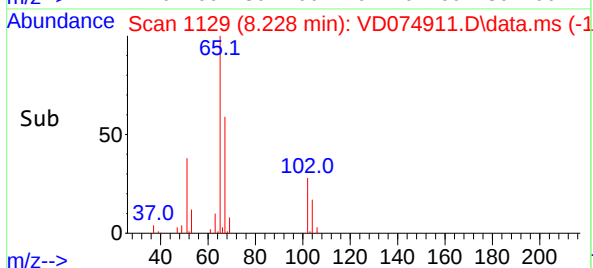
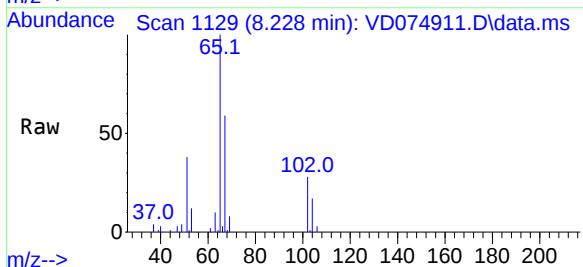


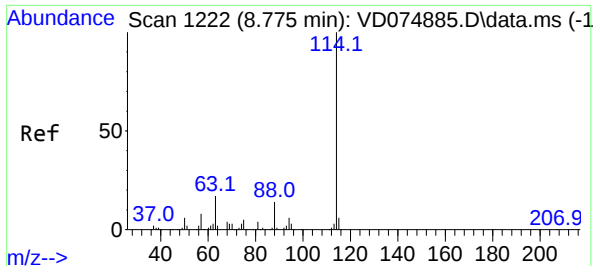
Tgt Ion: 56 Resp: 1234
Ion Ratio Lower Upper
56 100
69 176.0 29.2 43.8#
84 215.9 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 121.459 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Tgt Ion: 65 Resp: 54676
Ion Ratio Lower Upper
65 100
67 54.8 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: VD074911.D

Acq: 12 Nov 2022 02:46

Instrument :

MSVOA_D

ClientSampleId :

SB-36

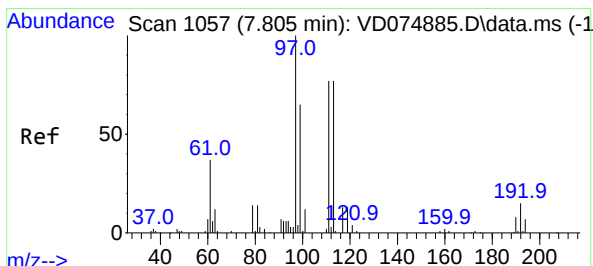
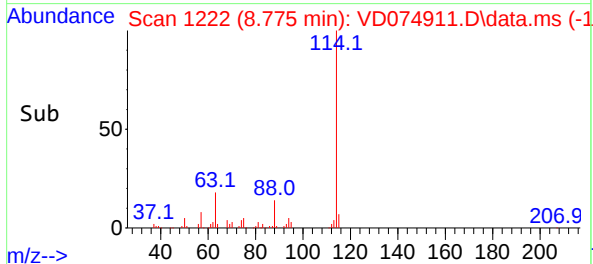
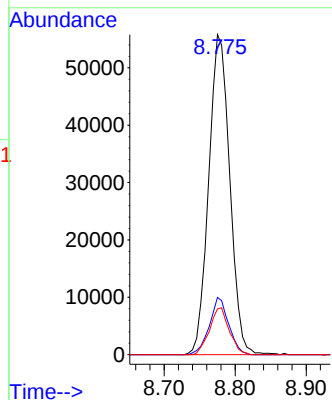
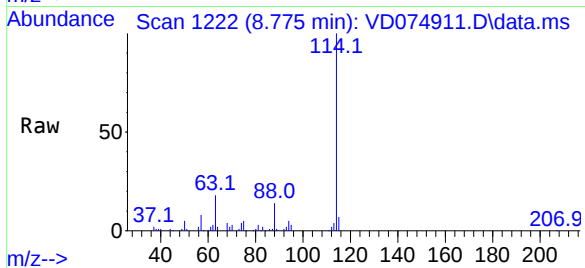
Tgt Ion:114 Resp: 114927

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.2

88 14.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 81.642 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074911.D

Acq: 12 Nov 2022 02:46

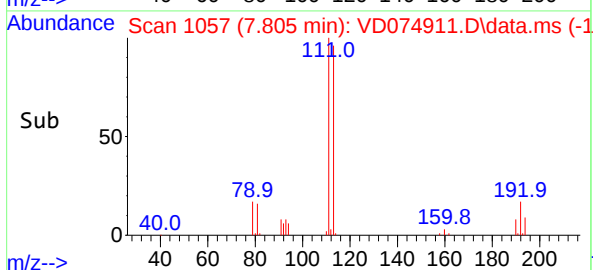
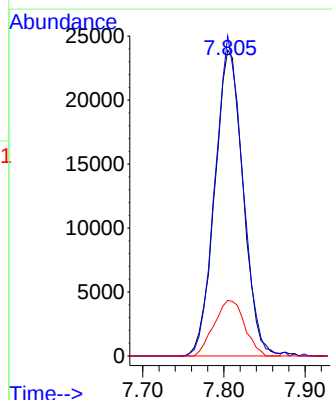
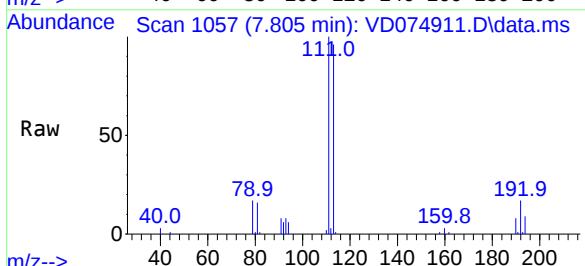
Tgt Ion:113 Resp: 57839

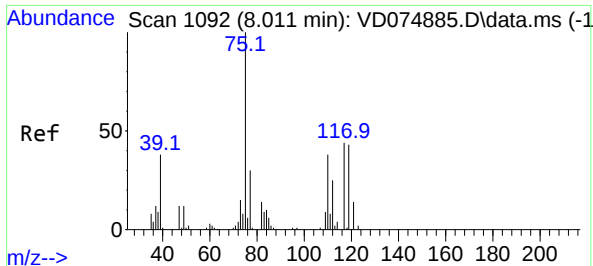
Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 19.6 16.4 24.6

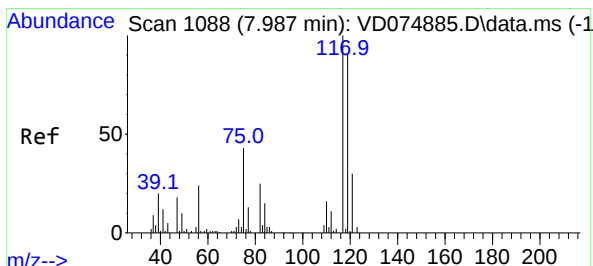
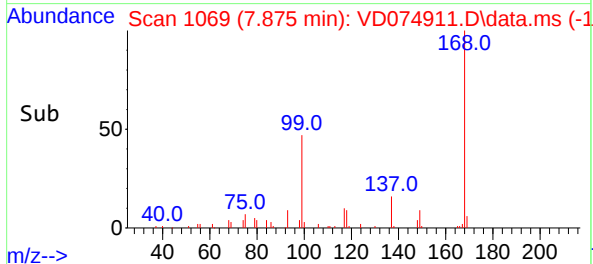
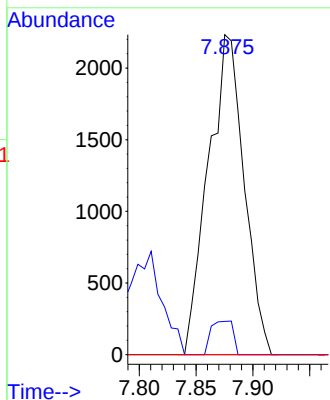
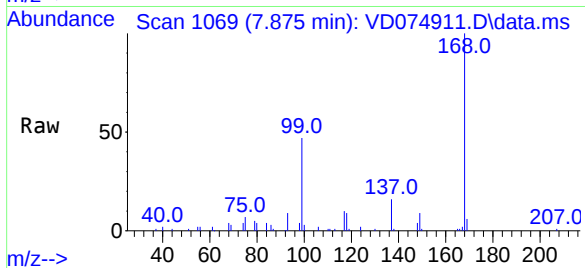




#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

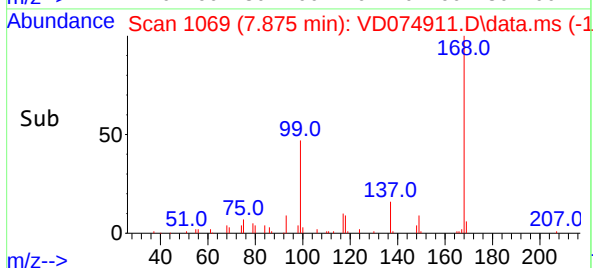
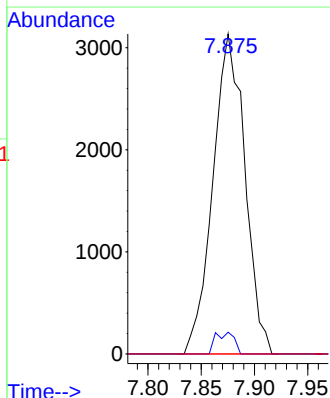
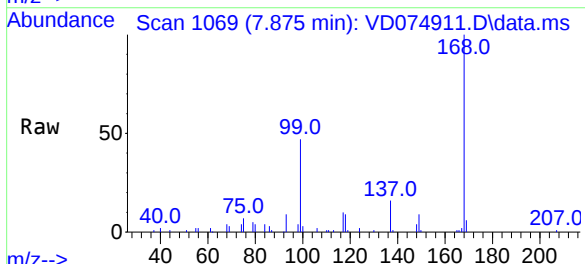
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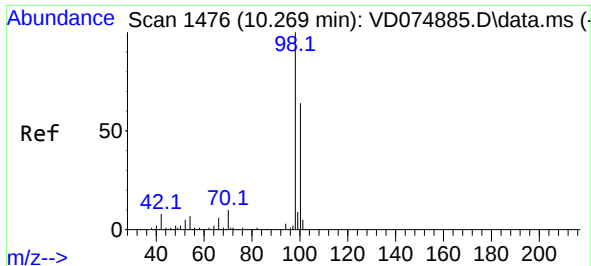
Tgt Ion: 75 Resp: 4890
Ion Ratio Lower Upper
75 100
110 6.5 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Tgt Ion: 117 Resp: 6549
Ion Ratio Lower Upper
117 100
119 6.8 73.1 109.7#
121 0.0 25.0 37.6#

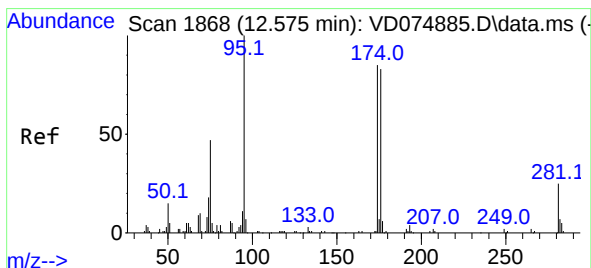
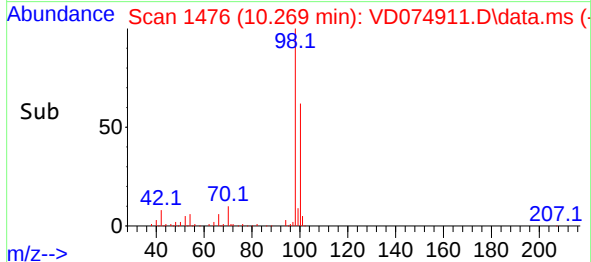
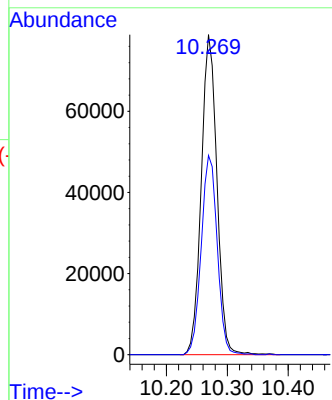
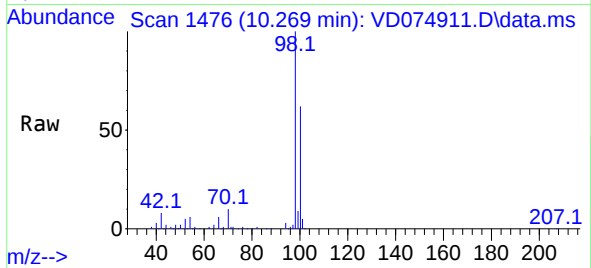




#50
Toluene-d8
Concen: 60.314 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

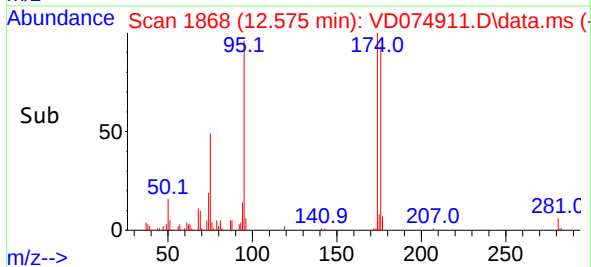
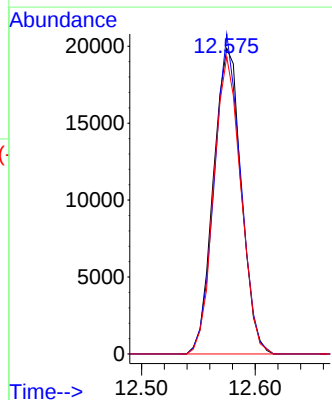
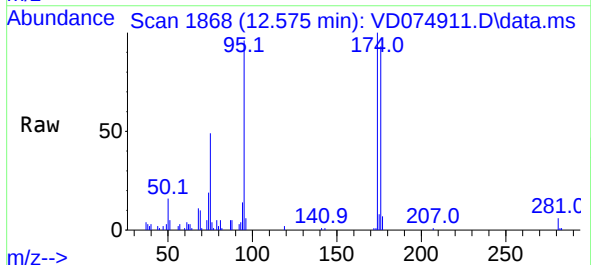
Instrument :
MSVOA_D
ClientSampleId :
SB-36

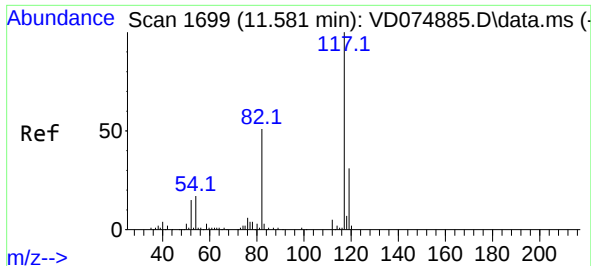
Tgt Ion: 98 Resp: 140753
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.269 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Tgt Ion: 95 Resp: 33872
Ion Ratio Lower Upper
95 100
174 98.4 0.0 197.0
176 94.7 0.0 182.6

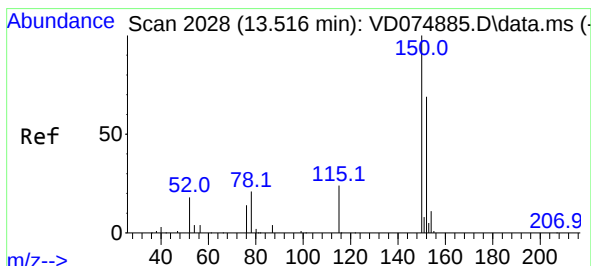
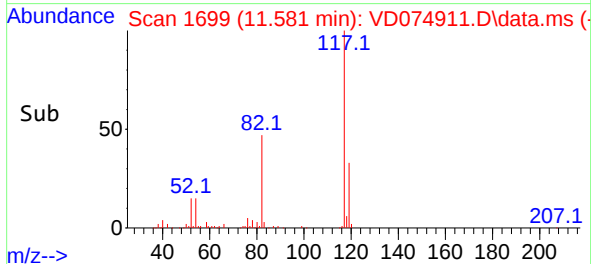
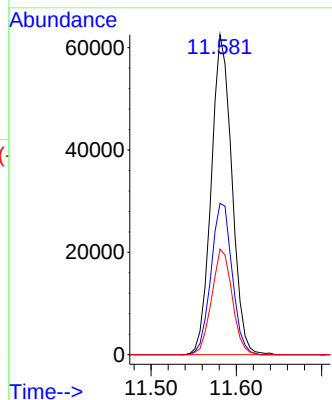
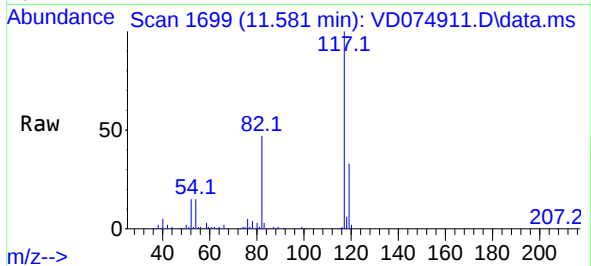




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

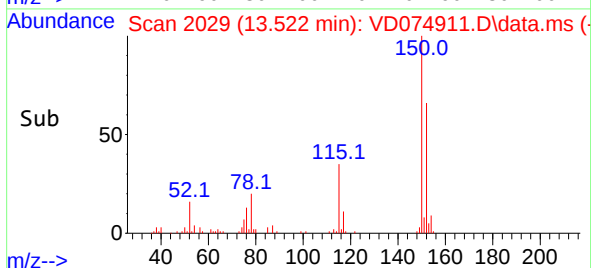
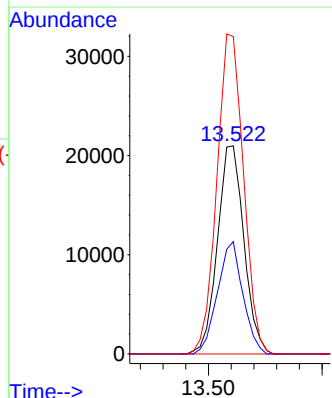
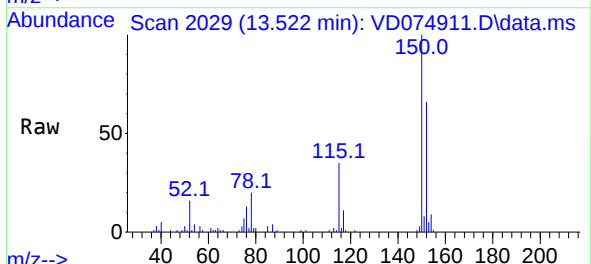
Instrument :
MSVOA_D
ClientSampleId :
SB-36

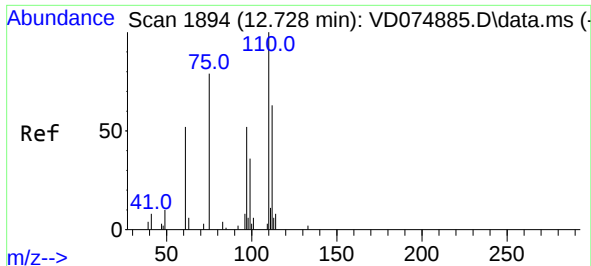
Tgt Ion:117 Resp: 105298
Ion Ratio Lower Upper
117 100
82 47.3 41.6 62.4
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Tgt Ion:152 Resp: 33983
Ion Ratio Lower Upper
152 100
115 51.7 26.8 80.4
150 155.0 0.0 348.2

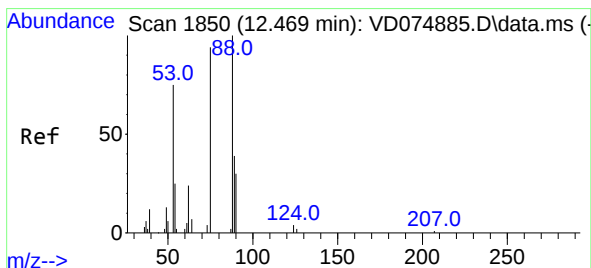
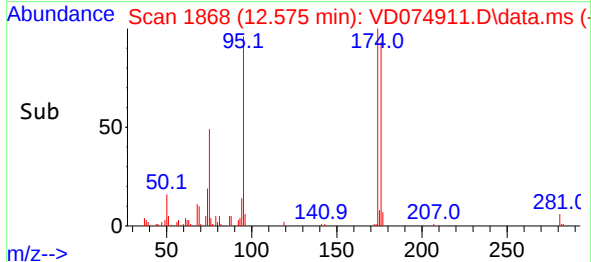
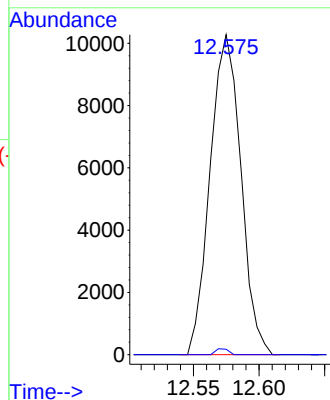
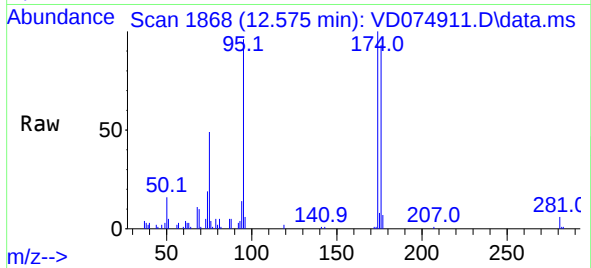




#76
1,2,3-Trichloropropane
Concen: 59.067 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Instrument :
MSVOA_D
ClientSampleId :
SB-36

Tgt Ion: 75 Resp: 16789
Ion Ratio Lower Upper
75 100
77 0.8 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.308 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074911.D
Acq: 12 Nov 2022 02:46

Tgt Ion: 75 Resp: 16789
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

