

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074367.D
 Acq On : 20 Sep 2022 15:46
 Operator : VA/SY
 Sample : N4641-14
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A2-5-18

Quant Time: Sep 21 02:24:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

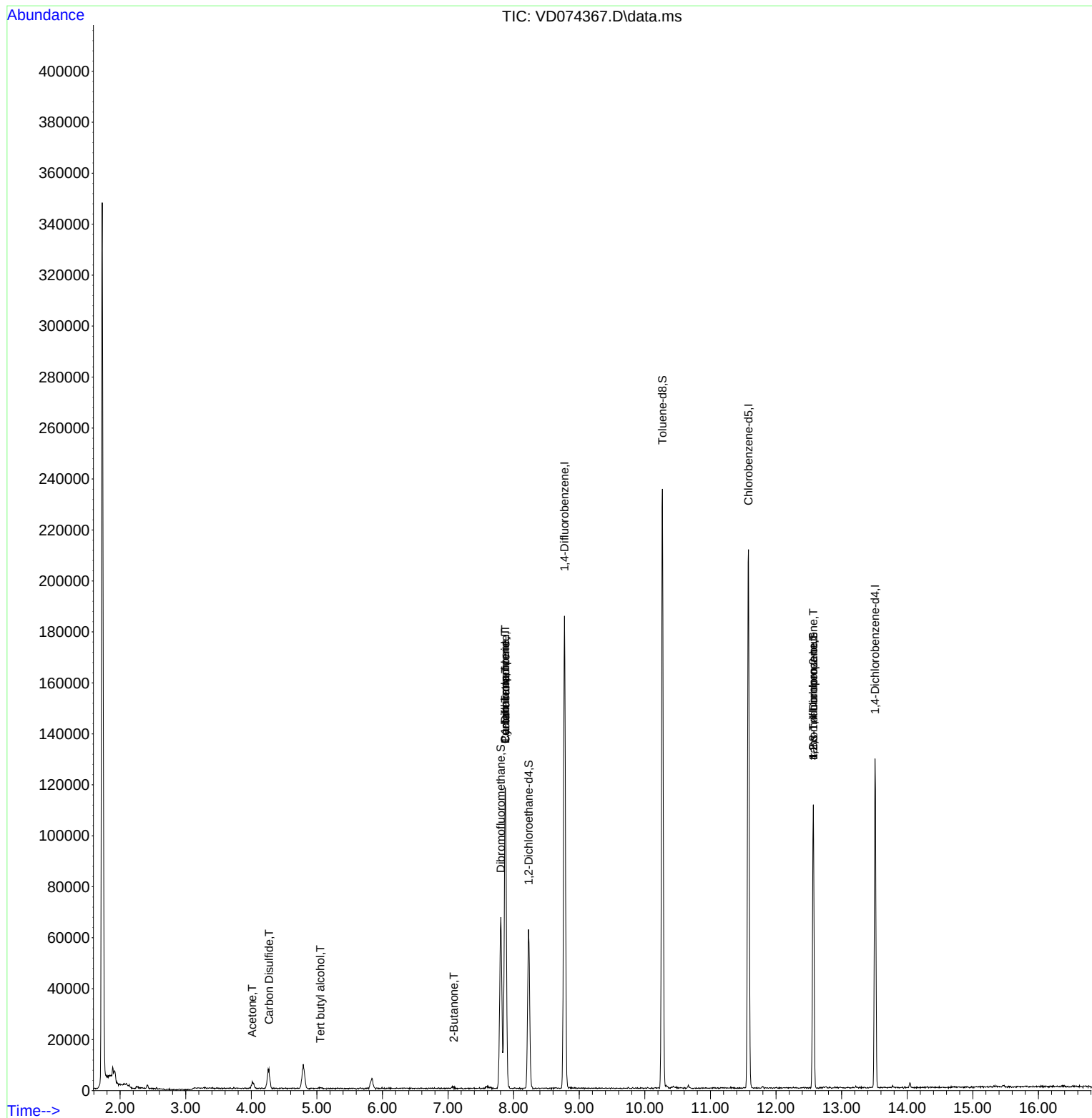
Internal Standards						
1) Pentafluorobenzene	7.875	168	94140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	165009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	125975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	35251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48081	52.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.880%	
35) Dibromofluoromethane	7.804	113	47535	43.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.480%	
50) Toluene-d8	10.269	98	163192	43.520	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.040%	
62) 4-Bromofluorobenzene	12.569	95	33724	23.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 47.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.052	59	751	12.119	ug/l #	74
16) Acetone	4.016	43	4294	20.786	ug/l #	88
17) Carbon Disulfide	4.269	76	15294	4.653	ug/l #	90
20) Methylene Chloride	4.799	84	6793	Below Cal		95
25) 2-Butanone	7.087	43	478	1.554	ug/l #	48
31) Cyclohexane	7.875	56	2142	1.114	ug/l #	58
36) 1,1-Dichloropropene	7.869	75	7568	4.562	ug/l #	48
38) Carbon Tetrachloride	7.875	117	8972	6.103	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	17584	53.914	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	17584	135.121	ug/l #	100

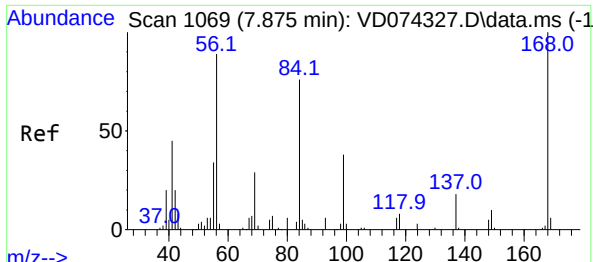
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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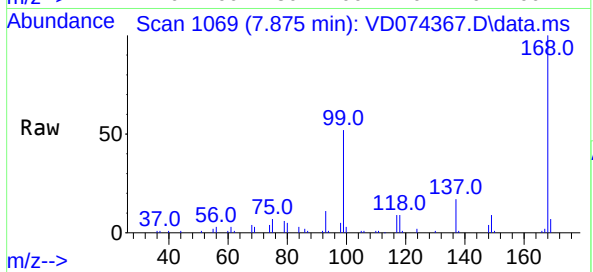
Quant Time: Sep 21 02:24:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
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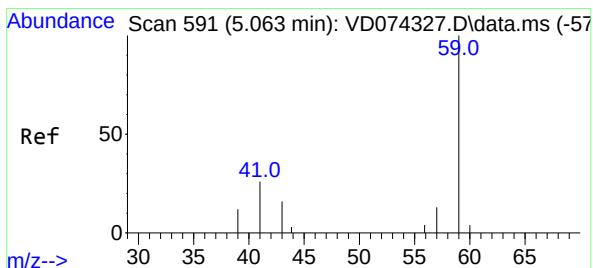
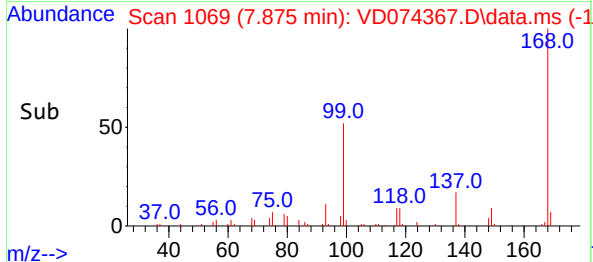
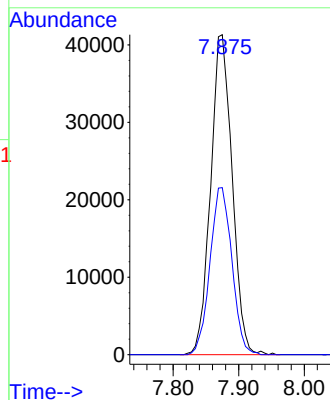


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Instrument :
MSVOA_D
ClientSampleId :
A2-5-18

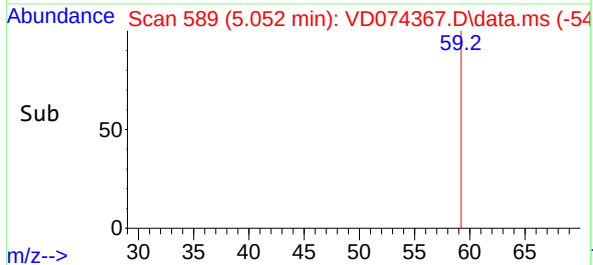
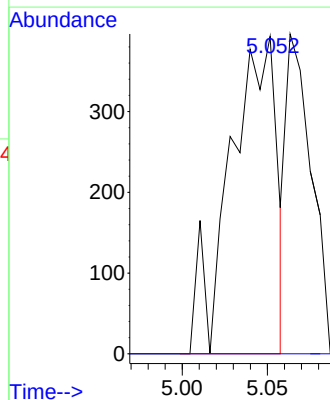
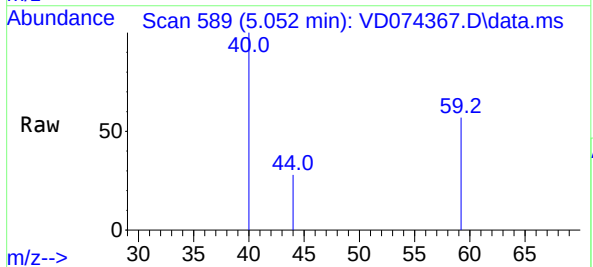


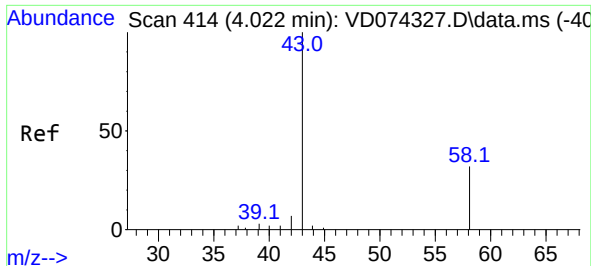
Tgt Ion:168 Resp: 94140
Ion Ratio Lower Upper
168 100
99 52.2 43.0 64.6



#11
Tert butyl alcohol
Concen: 12.119 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.011 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Tgt Ion: 59 Resp: 751
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 20.786 ug/l

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD074367.D

Acq: 20 Sep 2022 15:46

Instrument :

MSVOA_D

ClientSampleId :

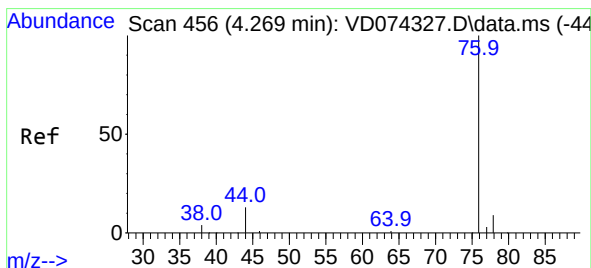
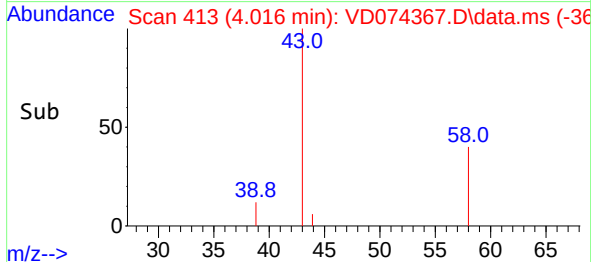
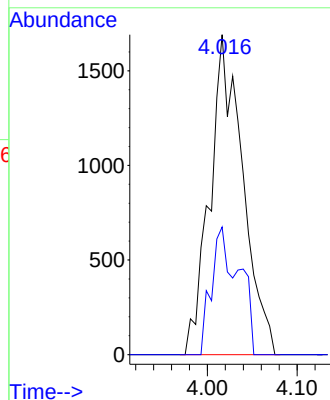
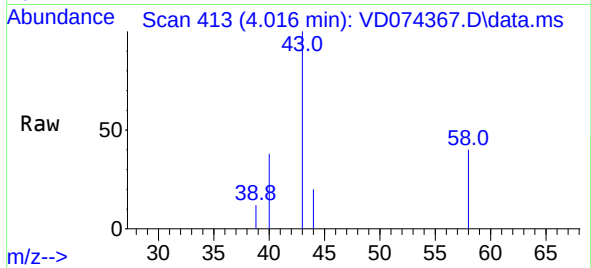
A2-5-18

Tgt Ion: 43 Resp: 4294

Ion Ratio Lower Upper

43 100

58 39.9 26.4 39.6#



#17

Carbon Disulfide

Concen: 4.653 ug/l

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD074367.D

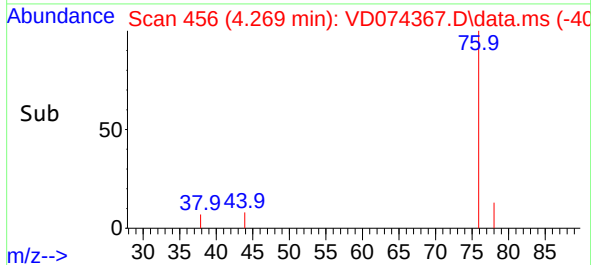
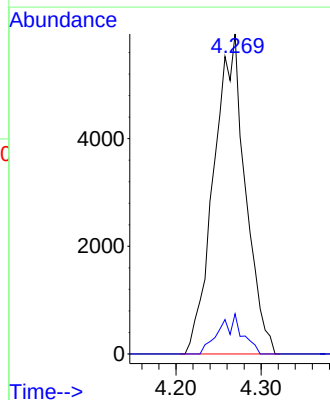
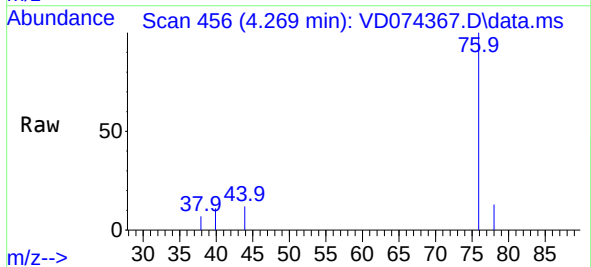
Acq: 20 Sep 2022 15:46

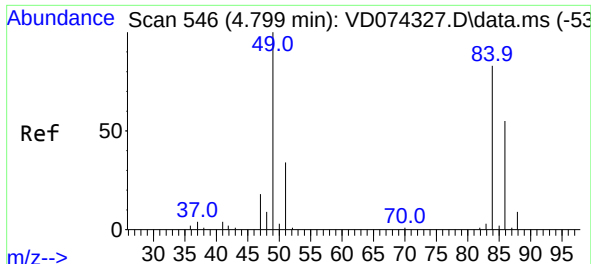
Tgt Ion: 76 Resp: 15294

Ion Ratio Lower Upper

76 100

78 12.5 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.799 min Scan# 54

Delta R.T. -0.000 min

Lab File: VD074367.D

Acq: 20 Sep 2022 15:46

Instrument :

MSVOA_D

ClientSampleId :

A2-5-18

Tgt Ion: 84 Resp: 6793

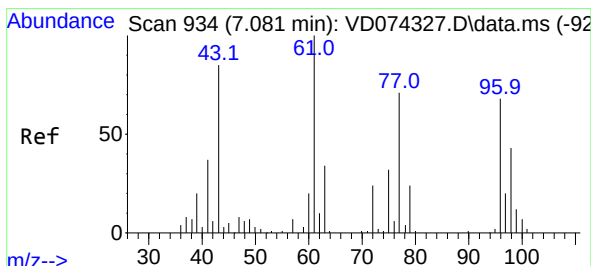
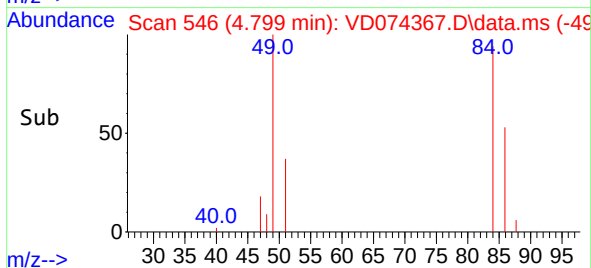
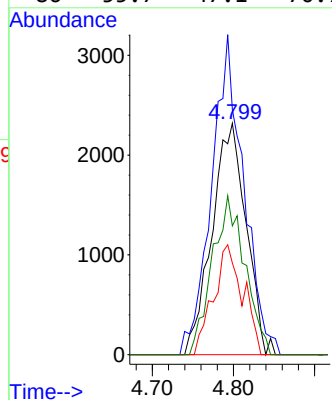
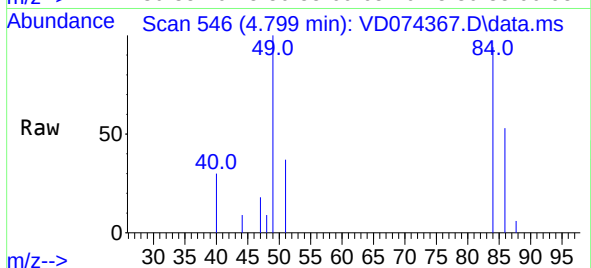
Ion Ratio Lower Upper

84 100

49 106.0 88.4 132.6

51 39.6 28.0 42.0

86 55.7 47.1 70.7



#25

2-Butanone

Concen: 1.554 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD074367.D

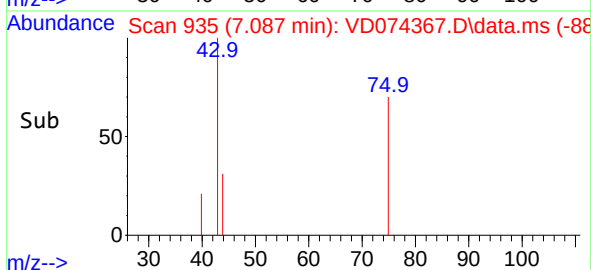
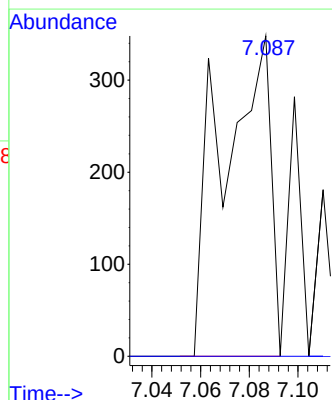
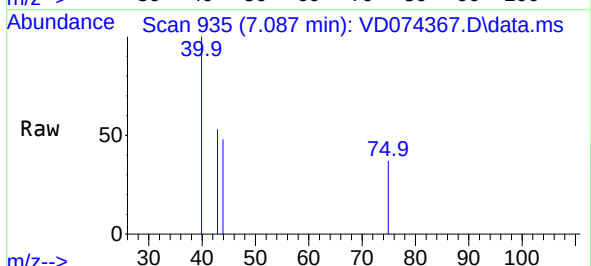
Acq: 20 Sep 2022 15:46

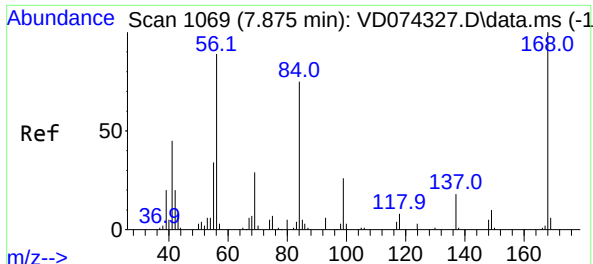
Tgt Ion: 43 Resp: 478

Ion Ratio Lower Upper

43 100

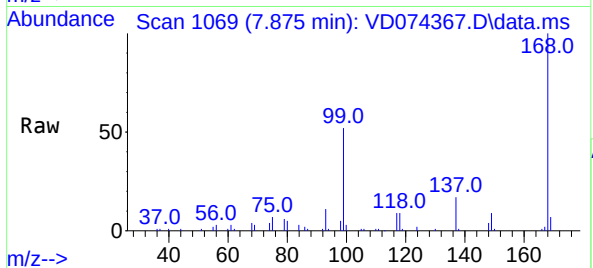
72 0.0 21.8 32.6#



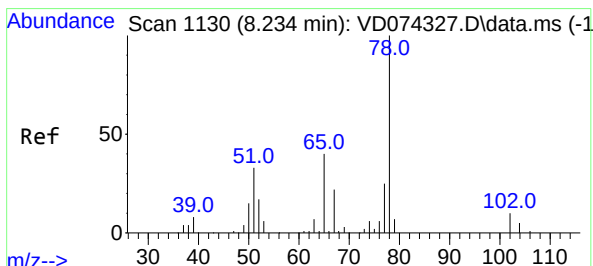
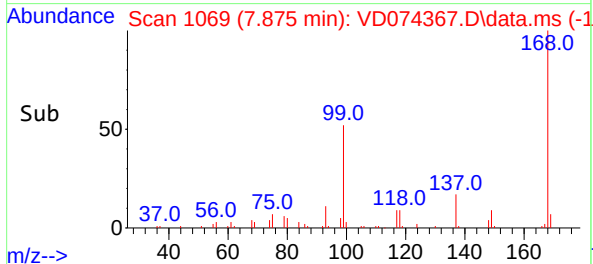
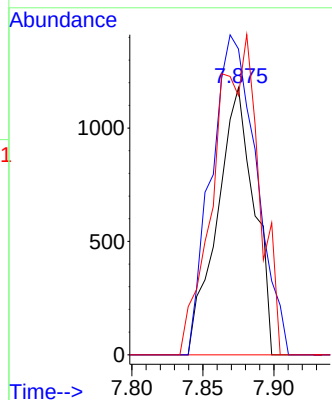


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Instrument :
MSVOA_D
ClientSampleId :
A2-5-18

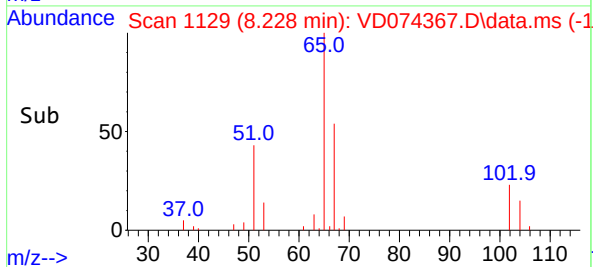
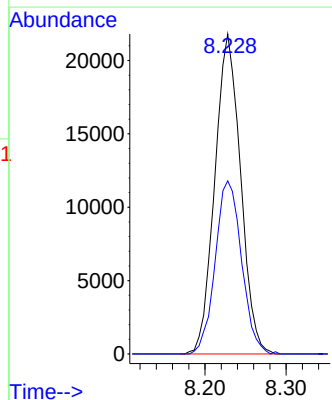
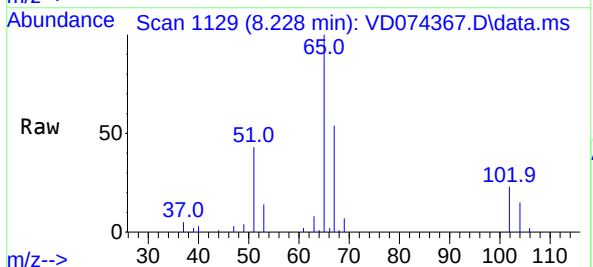


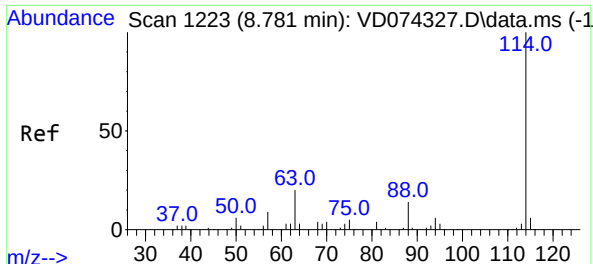
Tgt Ion: 56 Resp: 2142
Ion Ratio Lower Upper
56 100
69 114.5 25.7 38.5#
84 97.0 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 52.436 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Tgt Ion: 65 Resp: 48081
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074367.D

Acq: 20 Sep 2022 15:46

Instrument :

MSVOA_D

ClientSampleId :

A2-5-18

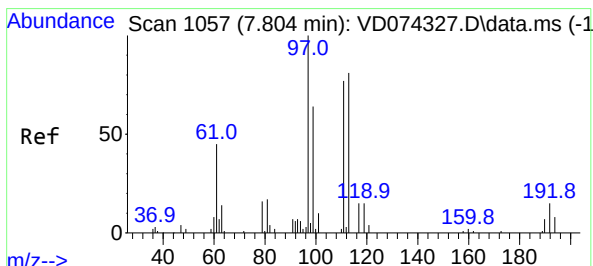
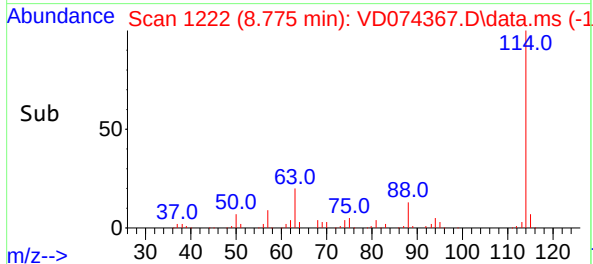
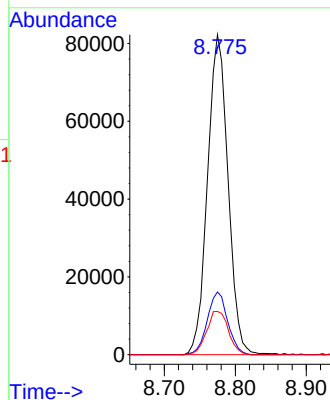
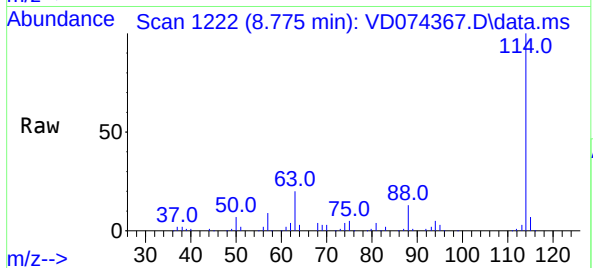
Tgt Ion:114 Resp: 165009

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 13.5 0.0 28.4



#35

Dibromofluoromethane

Concen: 43.740 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074367.D

Acq: 20 Sep 2022 15:46

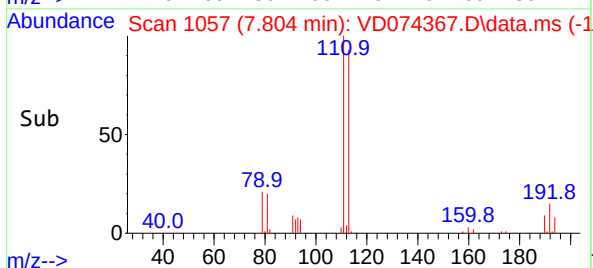
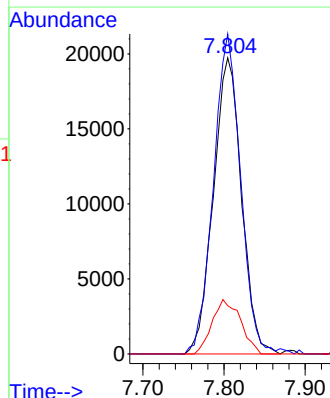
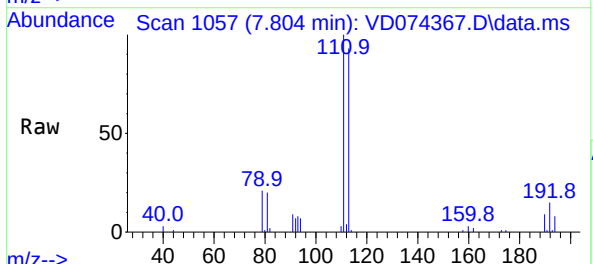
Tgt Ion:113 Resp: 47535

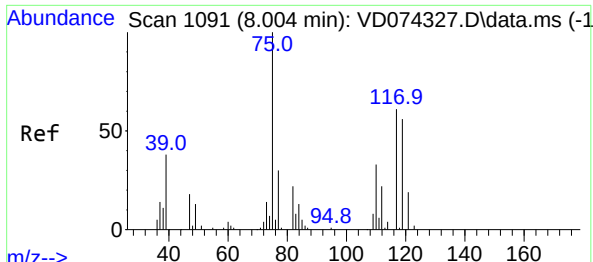
Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.6

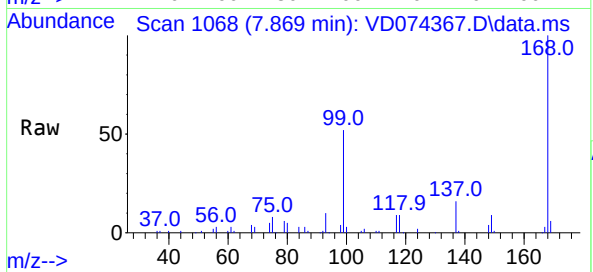
192 18.5 16.2 24.2



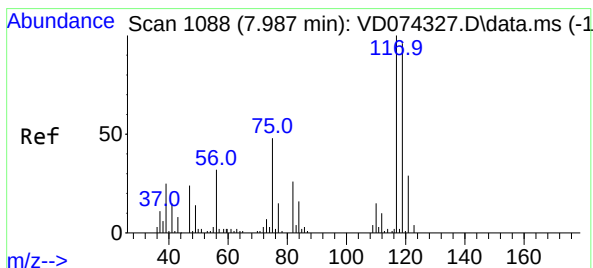
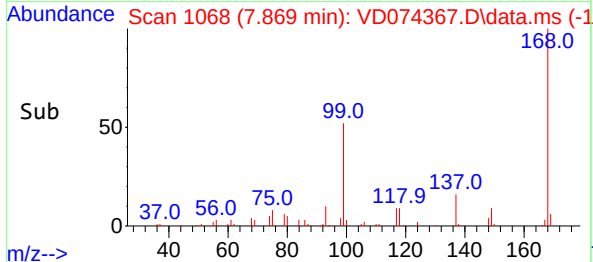
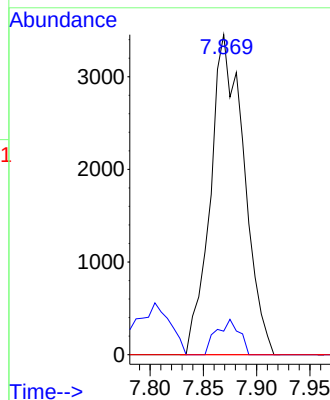


#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Instrument :
MSVOA_D
ClientSampleId :
A2-5-18

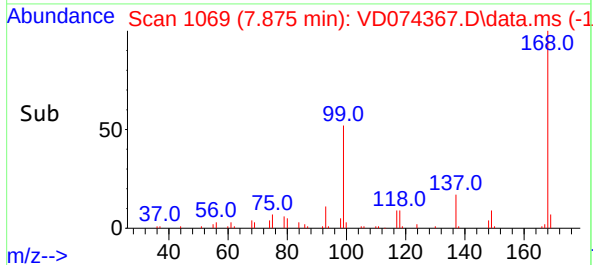
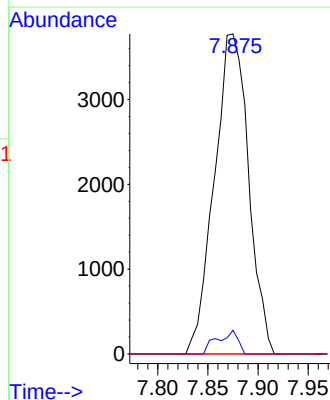
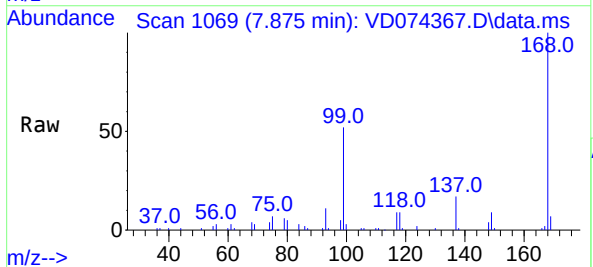


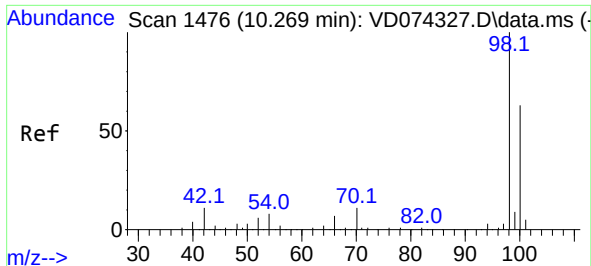
Tgt Ion: 75 Resp: 7568
Ion Ratio Lower Upper
75 100
110 7.5 17.5 52.5#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.103 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Tgt Ion: 117 Resp: 8972
Ion Ratio Lower Upper
117 100
119 7.4 78.8 118.2#
121 0.0 23.9 35.9#

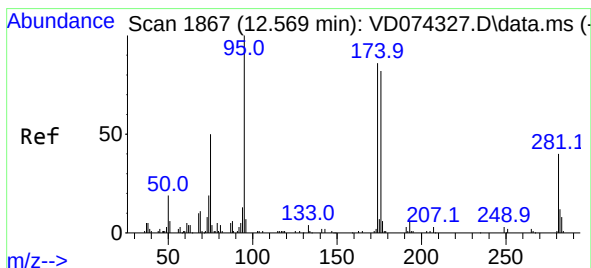
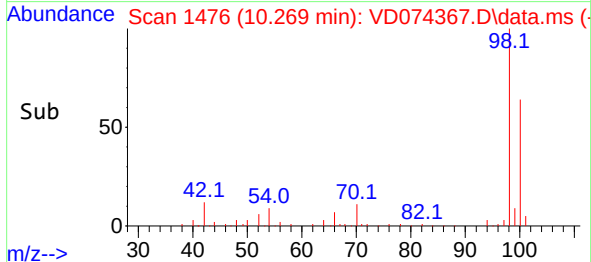
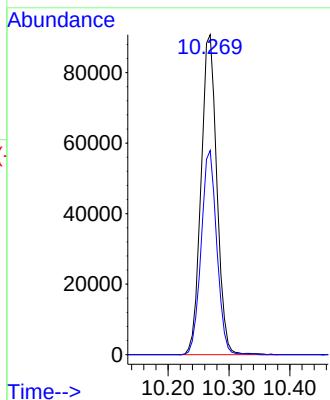
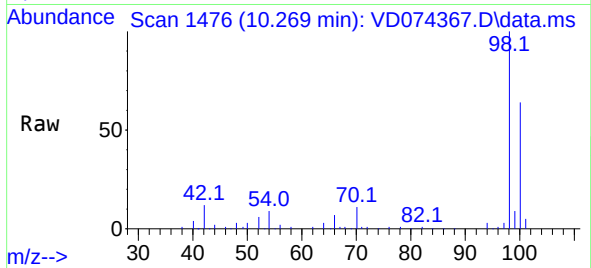




#50
Toluene-d8
Concen: 43.520 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

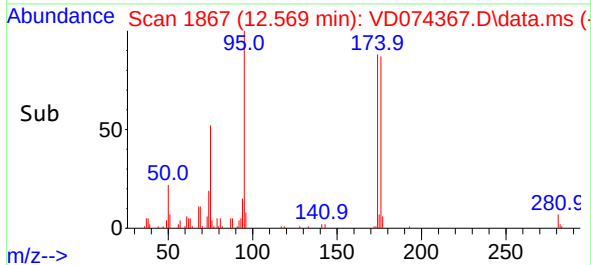
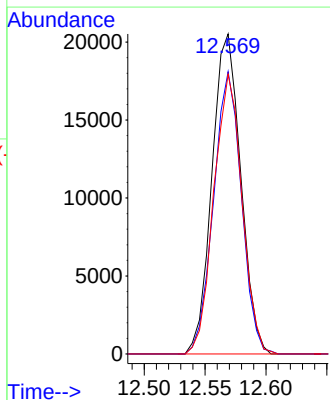
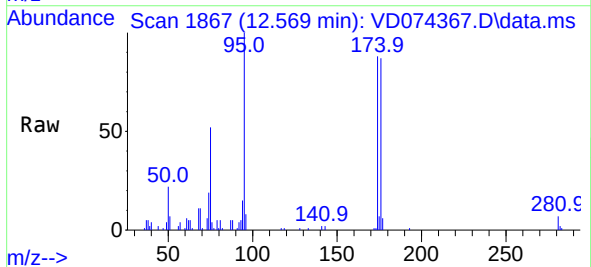
Instrument :
MSVOA_D
ClientSampleId :
A2-5-18

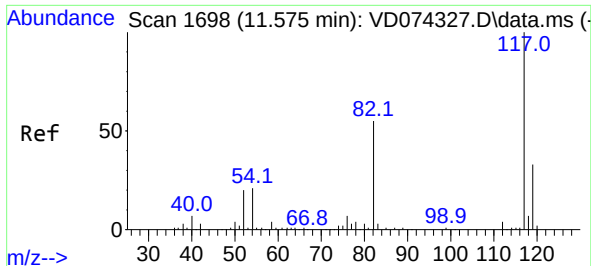
Tgt Ion: 98 Resp: 163192
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 23.509 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Tgt Ion: 95 Resp: 33724
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.2
176 85.4 0.0 171.4

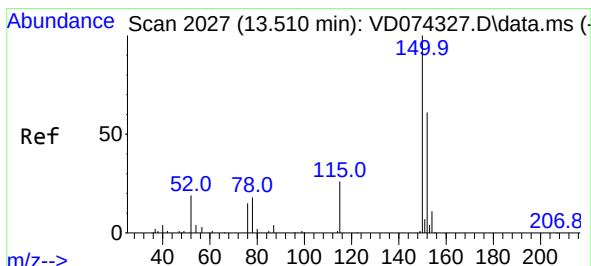
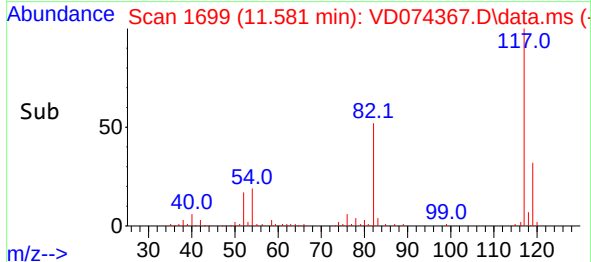
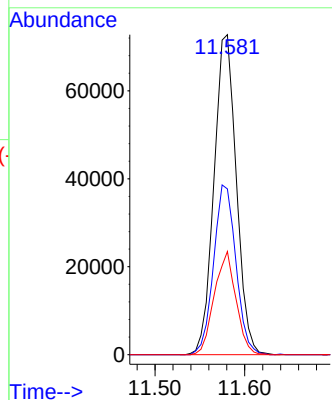
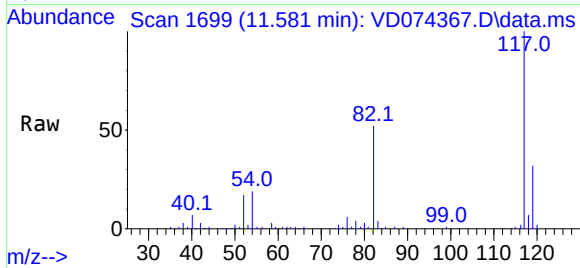




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

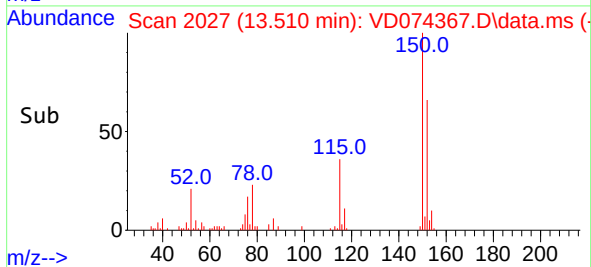
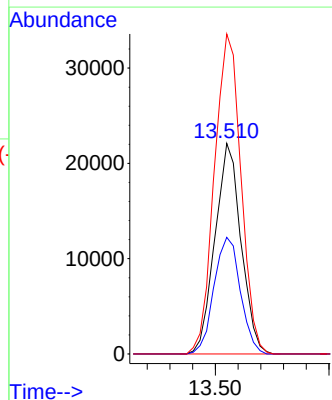
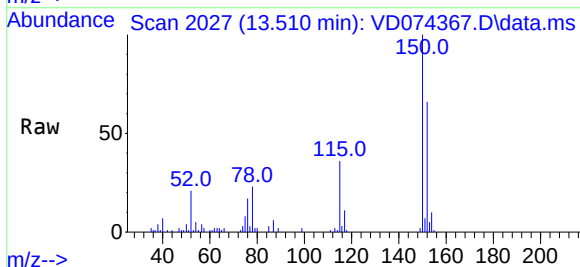
Instrument :
MSVOA_D
ClientSampleId :
A2-5-18

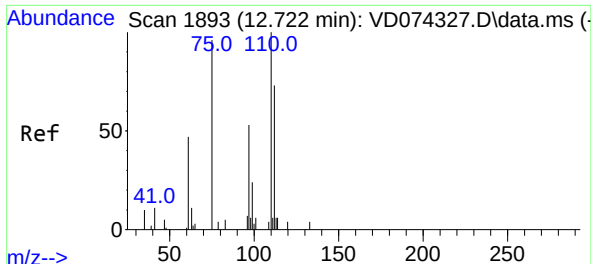
Tgt Ion:117 Resp: 125975
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Tgt Ion:152 Resp: 35251
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 154.9 0.0 351.0

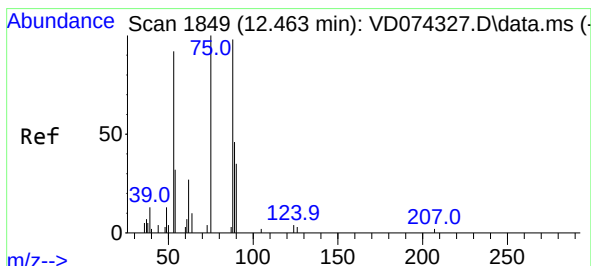
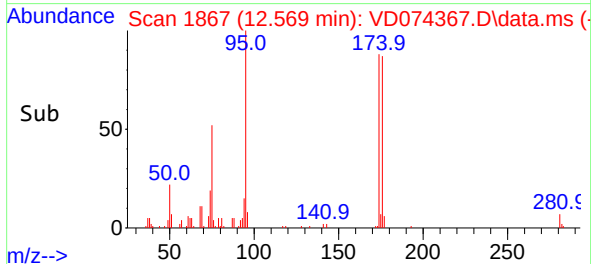
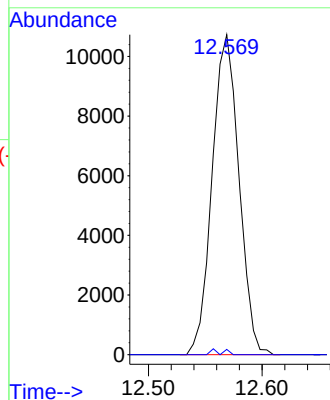
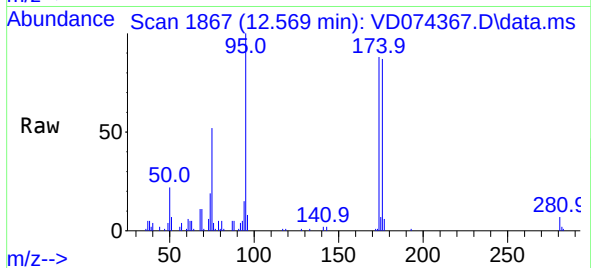




#76
1,2,3-Trichloropropane
Concen: 53.914 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Instrument :
MSVOA_D
ClientSampleId :
A2-5-18

Tgt Ion: 75 Resp: 17584
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.121 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074367.D
Acq: 20 Sep 2022 15:46

Tgt Ion: 75 Resp: 17584
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

