

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071234.D
 Acq On : 09 Dec 2021 17:58
 Operator : VA/SY
 Sample : M4989-10
 Misc : 6.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 06:46:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

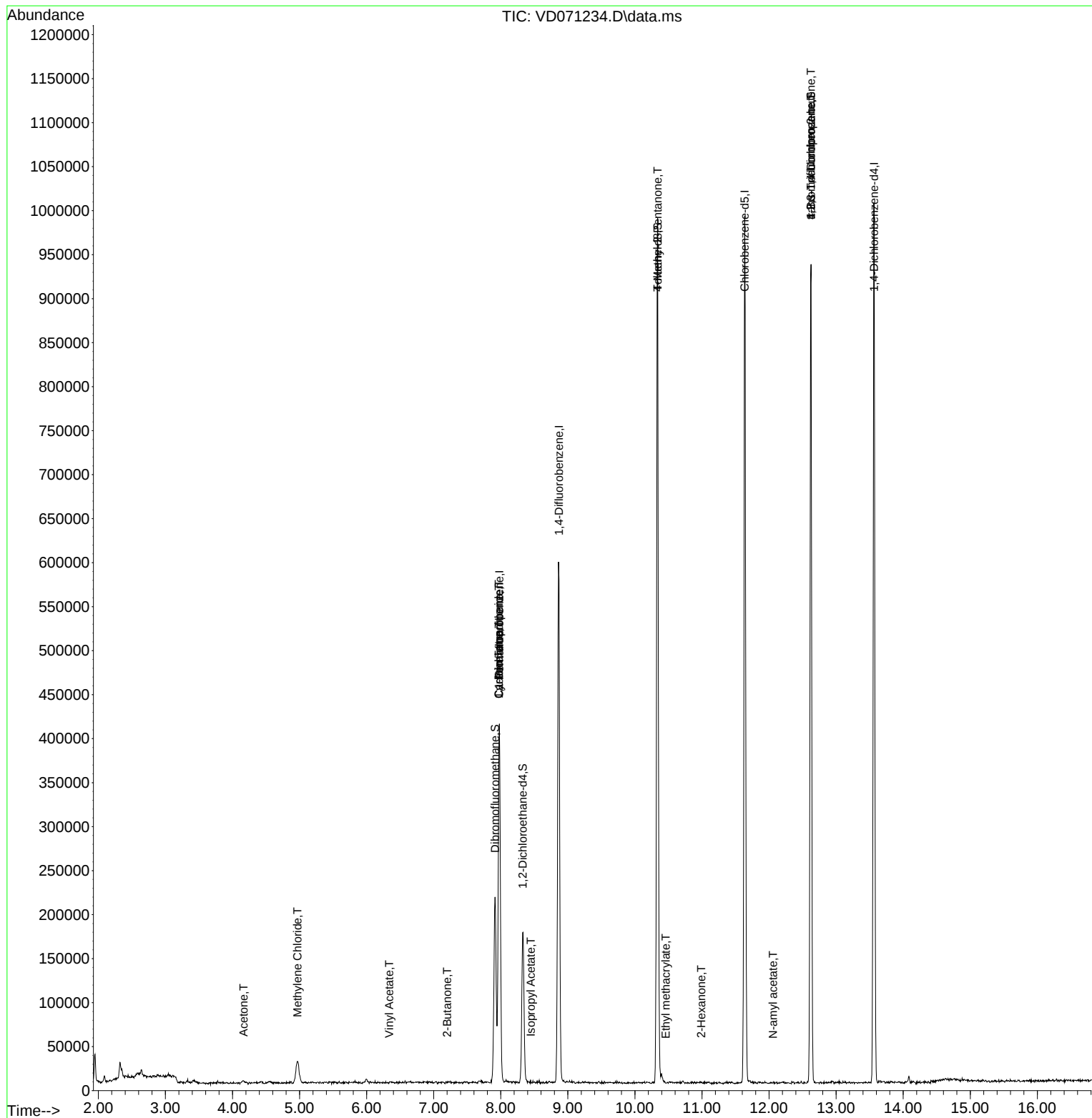
Internal Standards						
1) Pentafluorobenzene	7.979	168	281212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	483765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	515259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	243623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137360	41.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.260%		
35) Dibromofluoromethane	7.914	113	148362	48.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.320%		
50) Toluene-d8	10.338	98	622233	53.077	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.160%		
62) 4-Bromofluorobenzene	12.626	95	247177	60.826	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	121.660%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.991	59	129	Below Cal	#	71
16) Acetone	4.167	43	4594	35.393	ug/l #	84
20) Methylene Chloride	4.967	84	17279	1.105	ug/l #	82
23) Vinyl Acetate	6.338	43	99	27.235	ug/l #	72
25) 2-Butanone	7.203	43	268	28.594	ug/l #	45
31) Cyclohexane	7.973	56	8203	1.461	ug/l #	17
36) 1,1-Dichloropropene	7.973	75	25061	5.543	ug/l #	49
38) Carbon Tetrachloride	7.973	117	32215	7.228	ug/l #	17
41) Methacrylonitrile	7.561	41	69	Below Cal	#	1
43) Isopropyl Acetate	8.450	43	120	5.248	ug/l #	47
51) 4-Methyl-2-Pentanone	10.338	43	3739	32.141	ug/l #	1
56) Ethyl methacrylate	10.461	69	58	5.986	ug/l #	1
59) 2-Hexanone	10.991	43	140	34.647	ug/l #	22
74) N-amyl acetate	12.061	43	61	5.712	ug/l #	9
76) 1,2,3-Trichloropropane	12.626	75	143085	61.644	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	143085	133.307	ug/l #	19

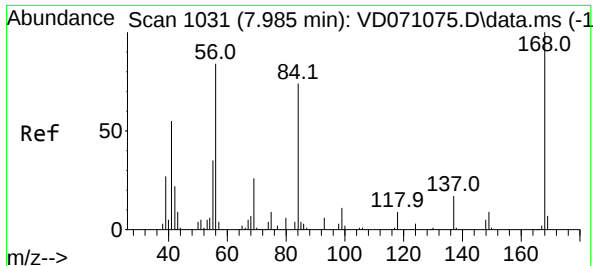
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
Data File : VD071234.D
Acq On : 09 Dec 2021 17:58
Operator : VA/SY
Sample : M4989-10
Misc : 6.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 10 06:46:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

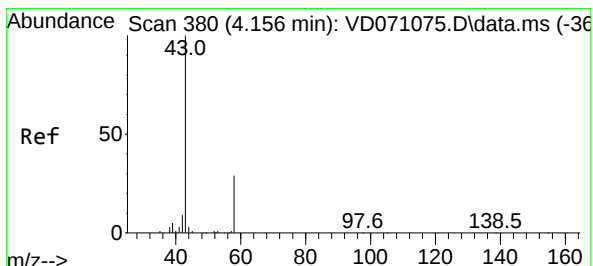
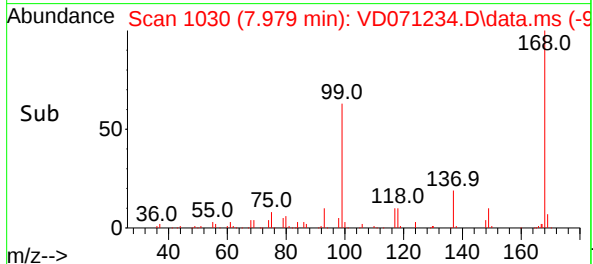
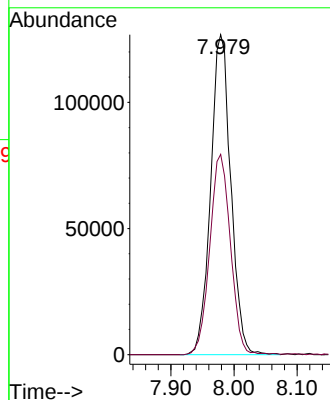
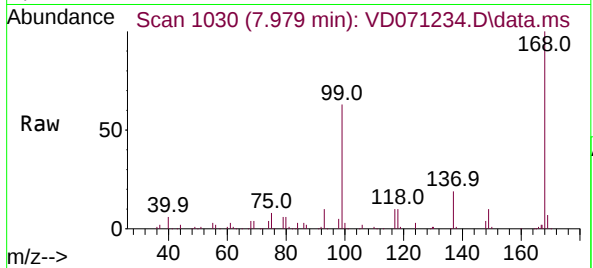




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

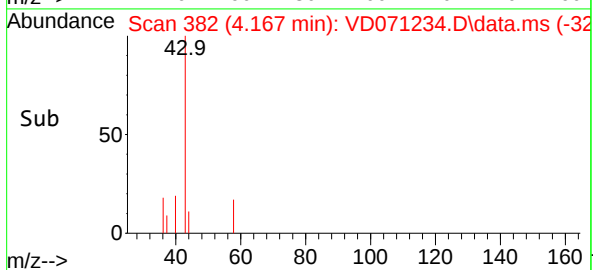
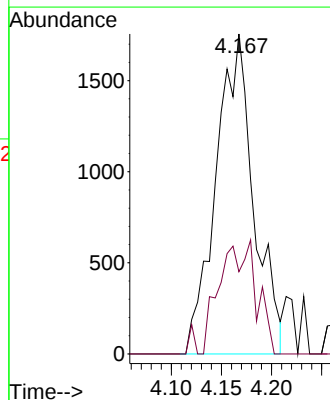
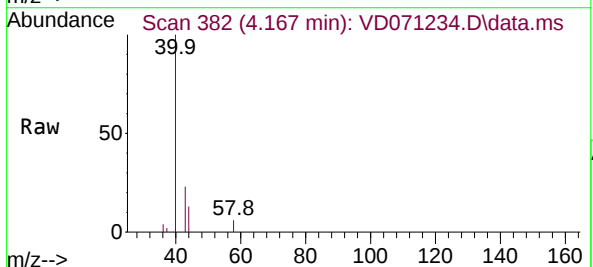
Instrument :
MSVOA_D
ClientSampleId :

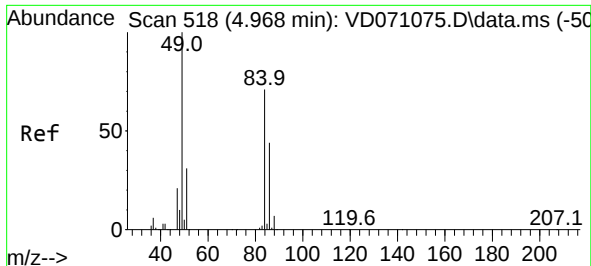
Tgt Ion:168 Resp: 281212
Ion Ratio Lower Upper
168 100
99 62.6 46.6 69.8



#16
Acetone
Concen: 35.393 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

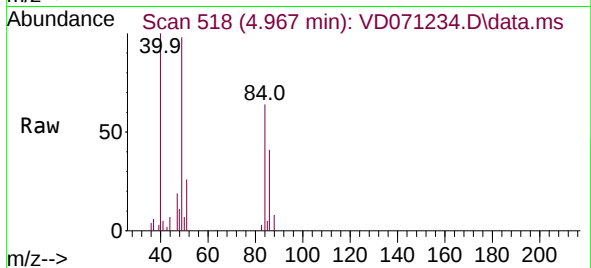
Tgt Ion: 43 Resp: 4594
Ion Ratio Lower Upper
43 100
58 25.7 27.8 41.8#



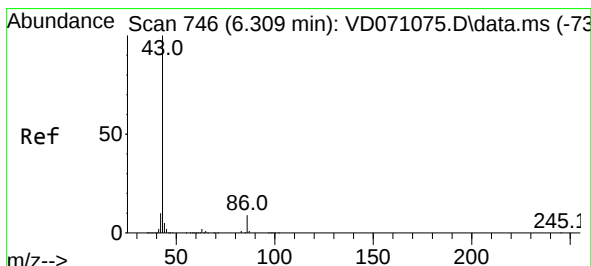
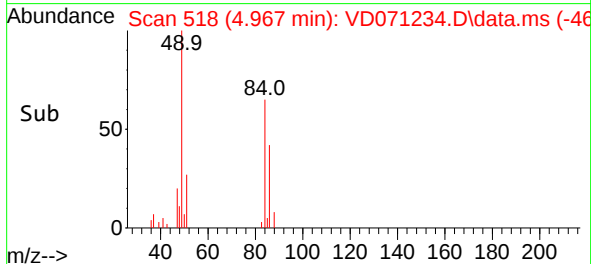
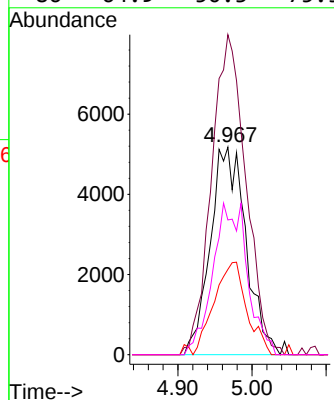


#20
Methylene Chloride
Concen: 1.105 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :

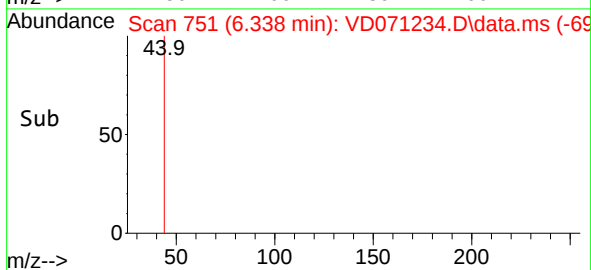
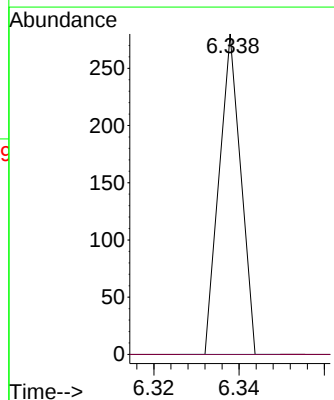
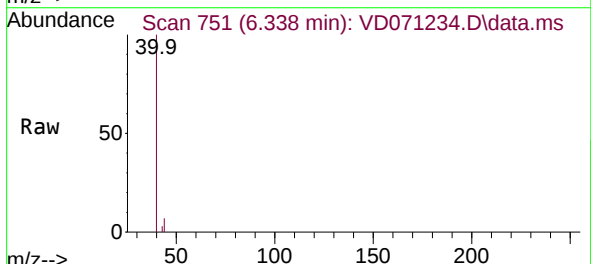


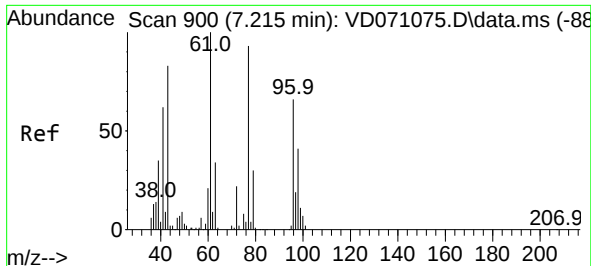
Tgt Ion: 84 Resp: 17279
Ion Ratio Lower Upper
84 100
49 154.1 95.8 143.6#
51 41.1 30.9 46.3
86 64.9 50.3 75.5



#23
Vinyl Acetate
Concen: 27.235 ug/l
RT: 6.338 min Scan# 751
Delta R.T. 0.029 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

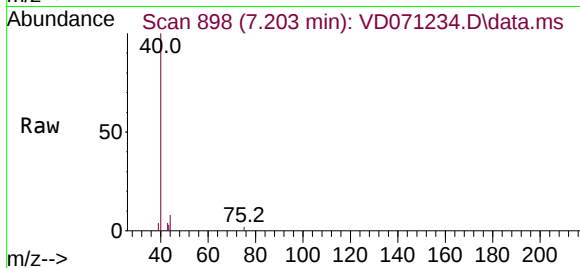
Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



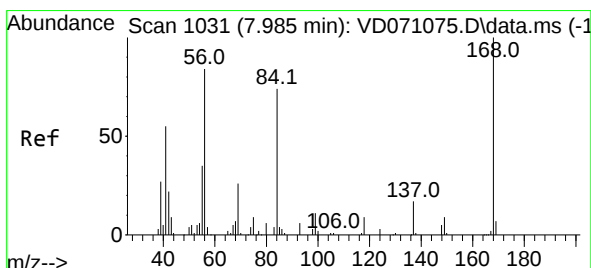
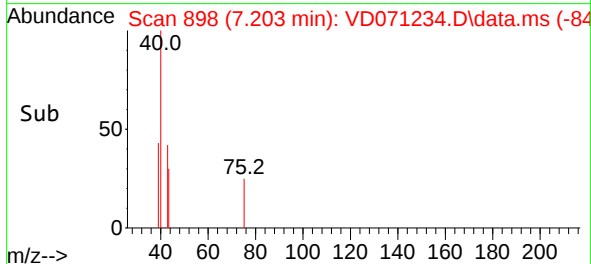
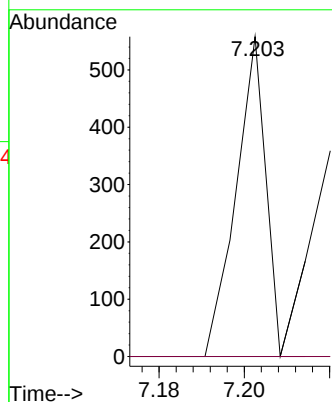


#25
2-Butanone
Concen: 28.594 ug/l
RT: 7.203 min Scan# 89
Delta R.T. -0.012 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :

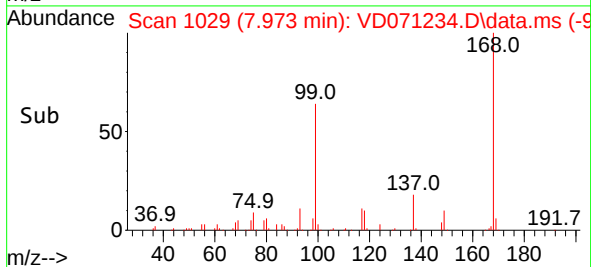
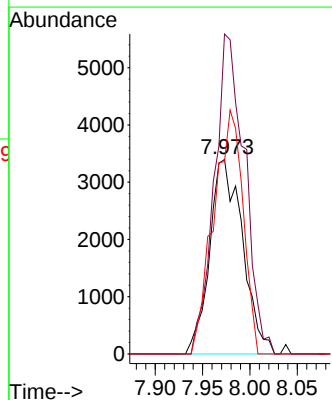
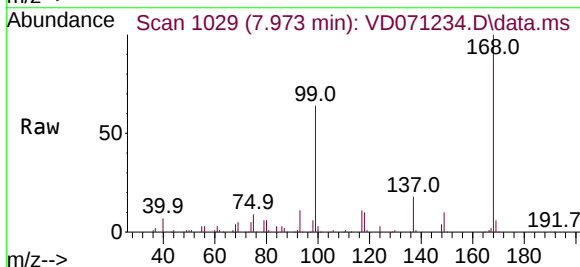


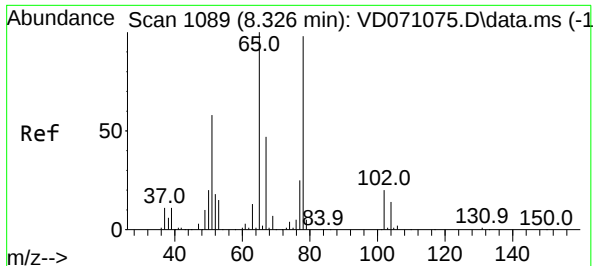
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.461 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Tgt Ion: 56 Resp: 8203
Ion Ratio Lower Upper
56 100
69 164.5 25.9 38.9#
84 98.9 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 41.628 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD071234.D

Acq: 09 Dec 2021 17:58

Instrument :

MSVOA_D

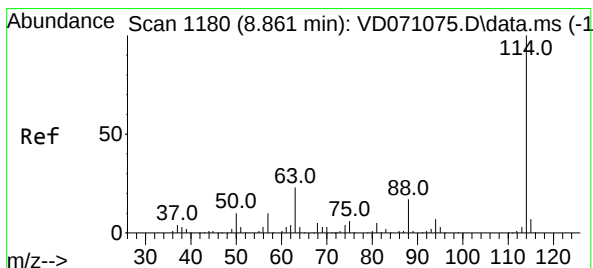
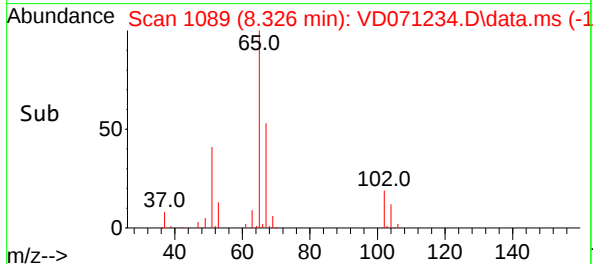
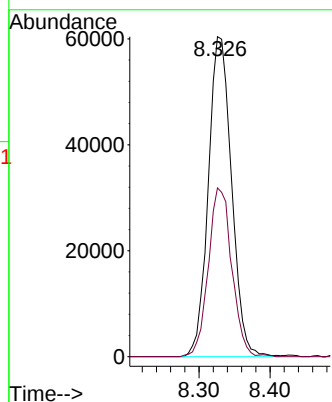
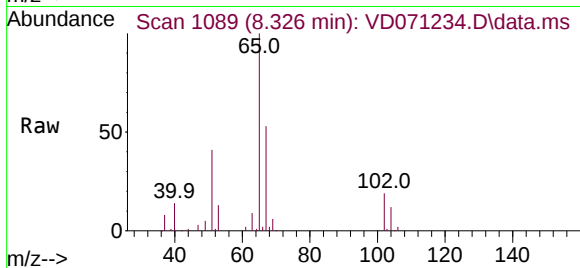
ClientSampleId :

Tgt Ion: 65 Resp: 137360

Ion Ratio Lower Upper

65 100

67 53.2 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071234.D

Acq: 09 Dec 2021 17:58

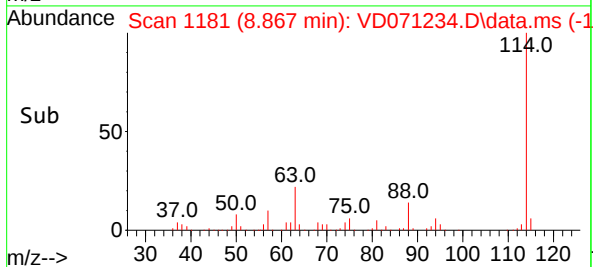
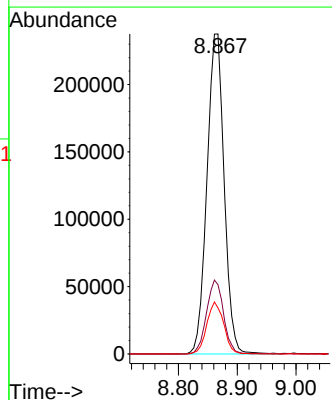
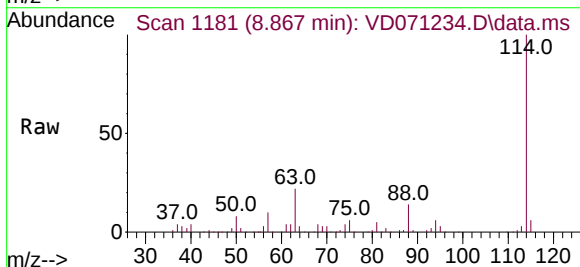
Tgt Ion: 114 Resp: 483765

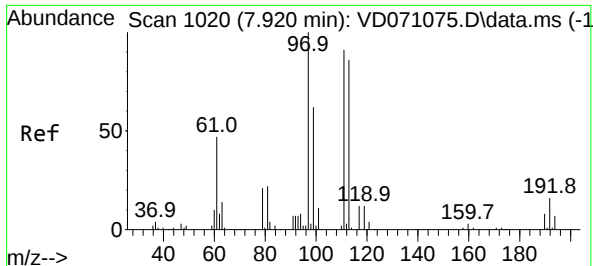
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 14.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.161 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071234.D

Acq: 09 Dec 2021 17:58

Instrument :

MSVOA_D

ClientSampleId :

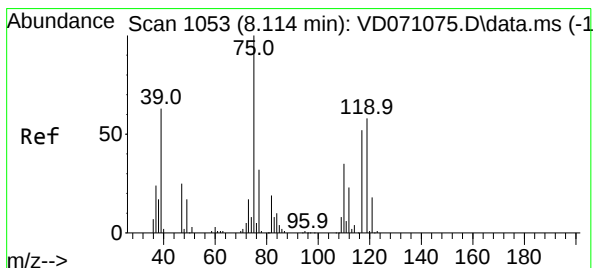
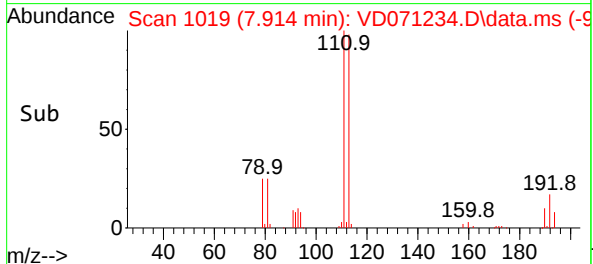
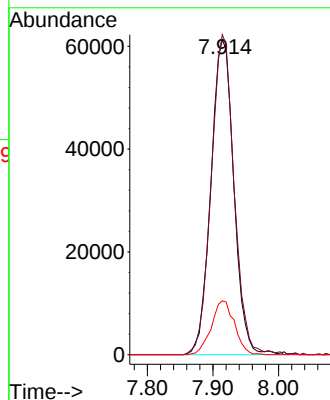
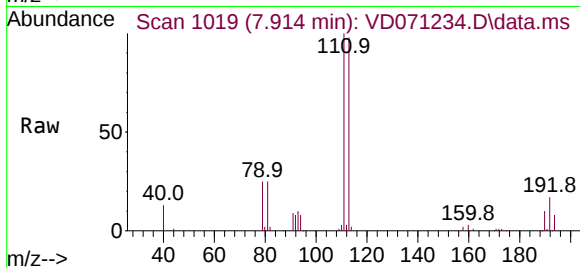
Tgt Ion:113 Resp: 148362

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

192 17.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.543 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071234.D

Acq: 09 Dec 2021 17:58

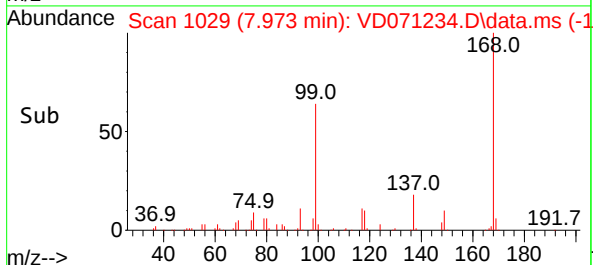
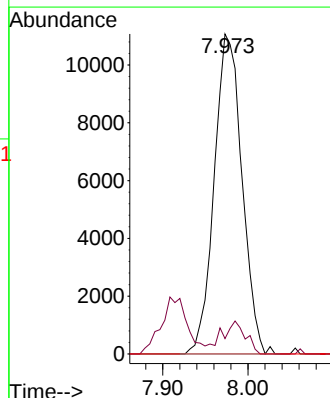
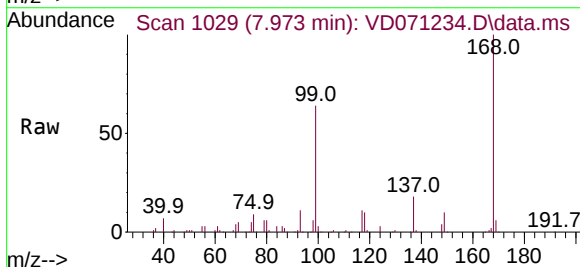
Tgt Ion: 75 Resp: 25061

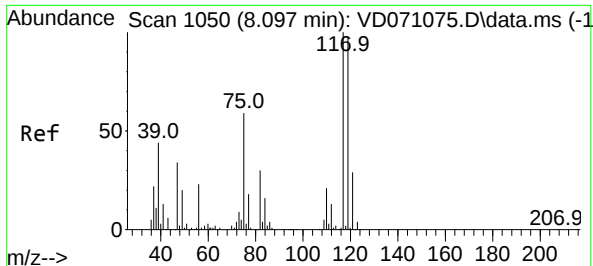
Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.4#

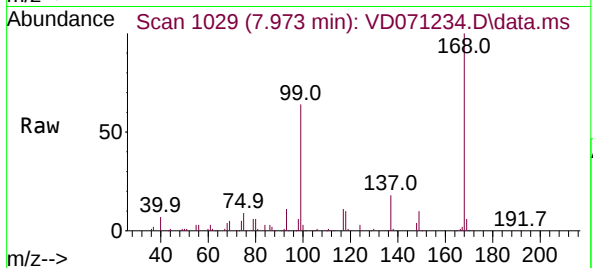
77 0.0 24.8 37.2#



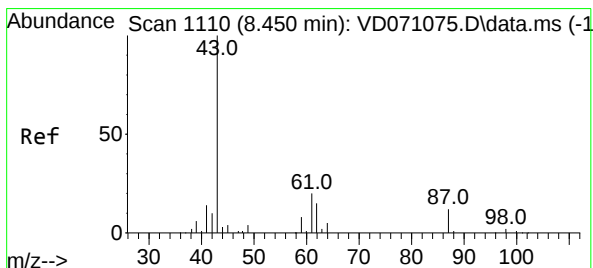
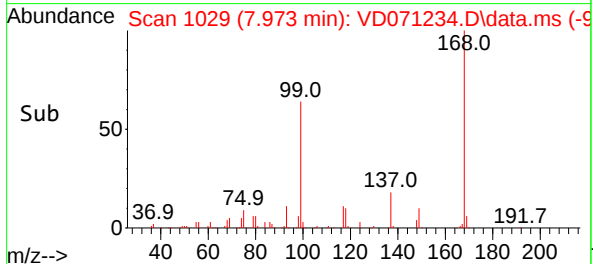
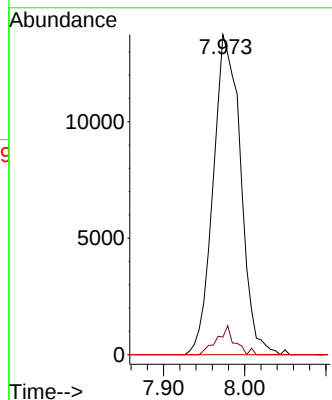


#38
Carbon Tetrachloride
Concen: 7.228 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :

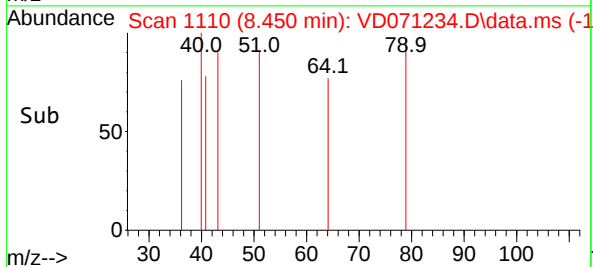
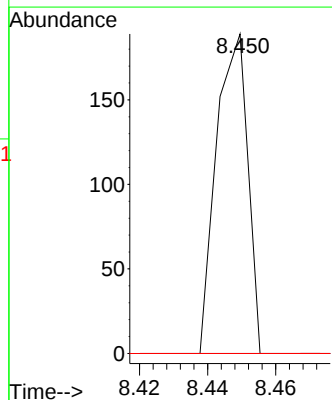
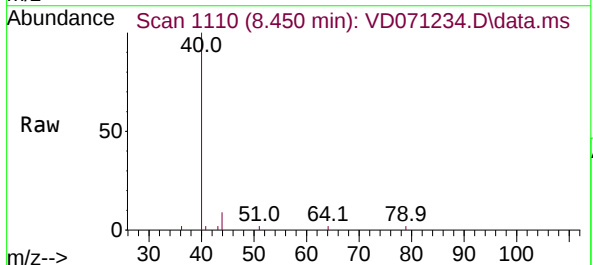


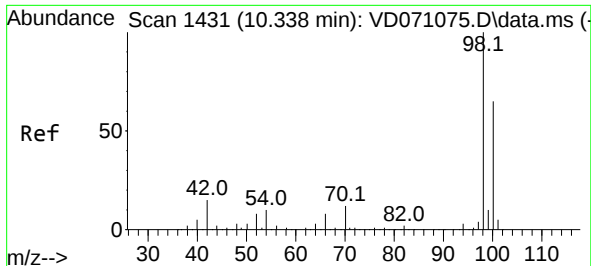
Tgt Ion:117 Resp: 32215
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 23.6 35.4#



#43
Isopropyl Acetate
Concen: 5.248 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#

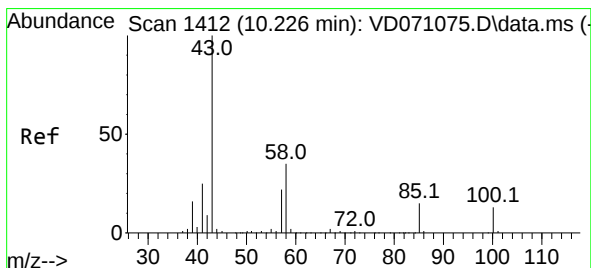
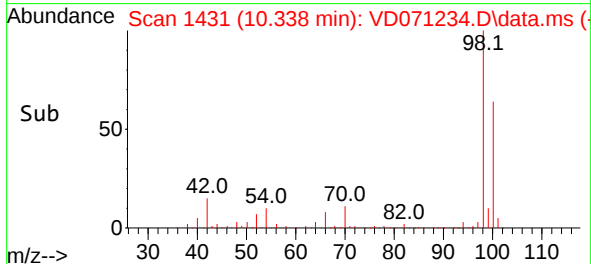
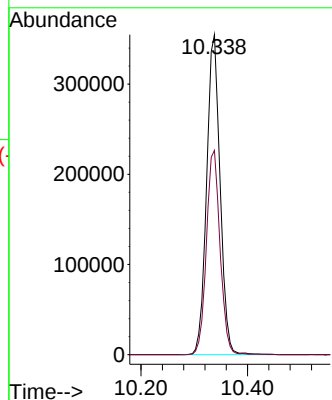
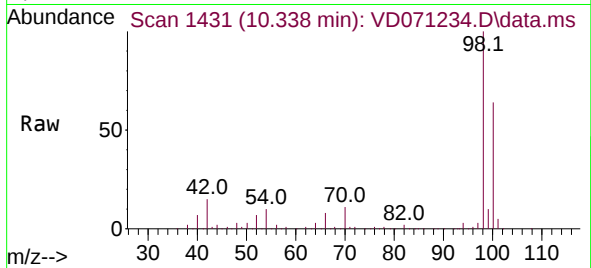




#50
Toluene-d8
Concen: 53.077 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

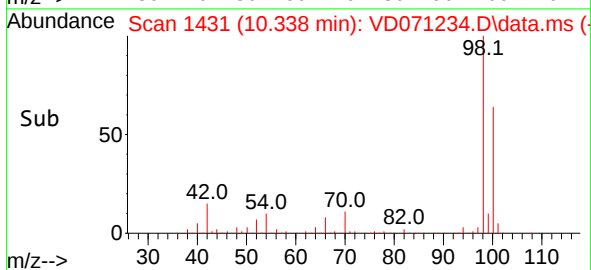
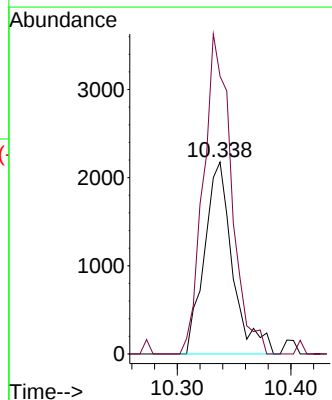
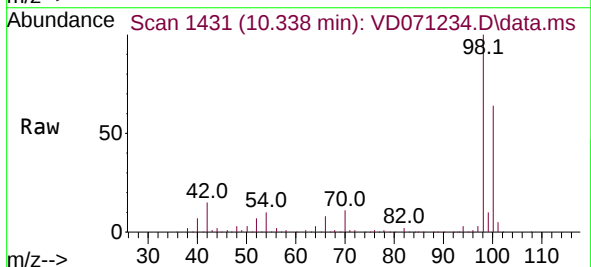
Instrument :
MSVOA_D
ClientSampleId :

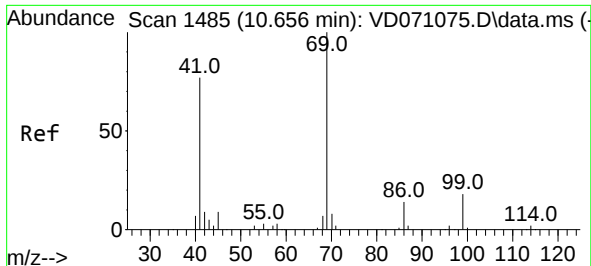
Tgt Ion: 98 Resp: 622233
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 32.141 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Tgt Ion: 43 Resp: 3739
Ion Ratio Lower Upper
43 100
58 166.5 33.1 49.7#

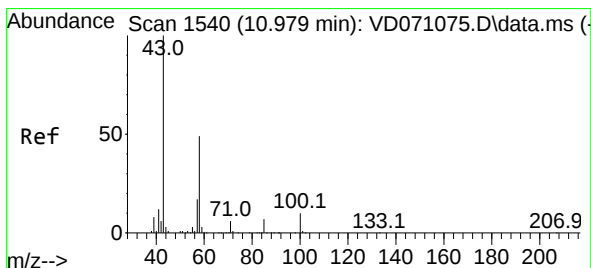
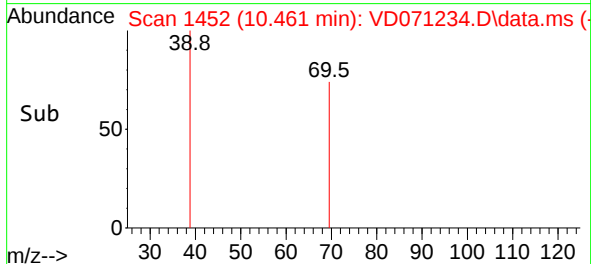
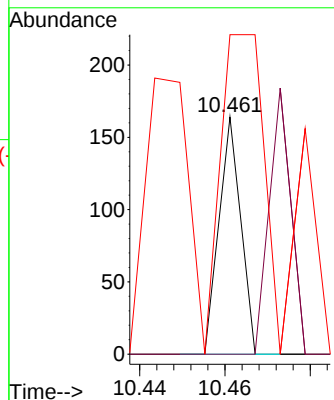
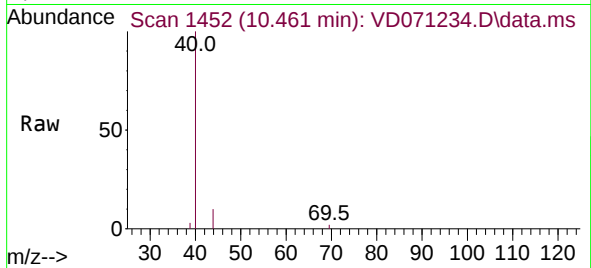




#56
Ethyl methacrylate
Concen: 5.986 ug/l
RT: 10.461 min Scan# 1452
Delta R.T. -0.195 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

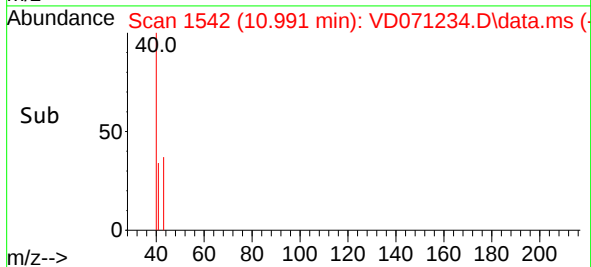
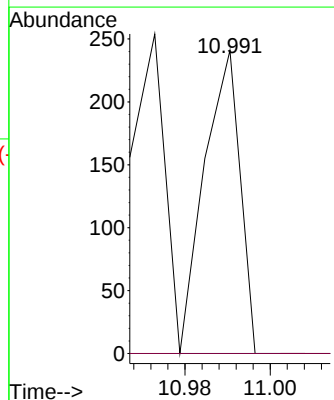
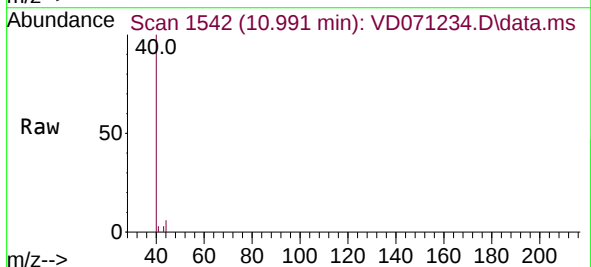
Instrument :
MSVOA_D
ClientSampleId :

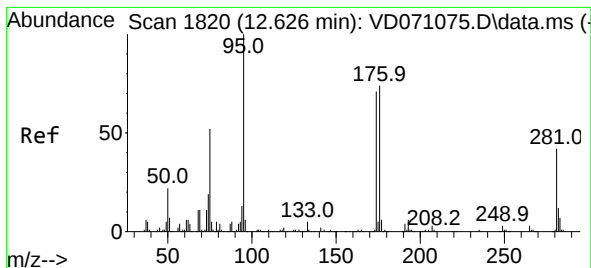
Tgt Ion: 69 Resp: 58
Ion Ratio Lower Upper
69 100
41 112.1 50.2 75.2#
39 269.0 19.8 29.8#



#59
2-Hexanone
Concen: 34.647 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.012 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

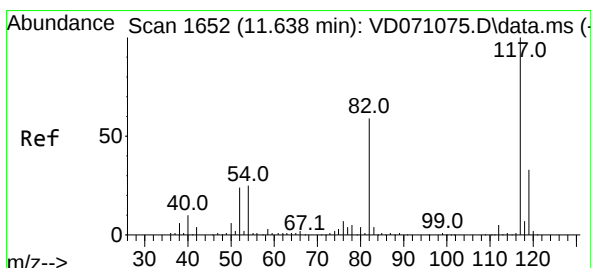
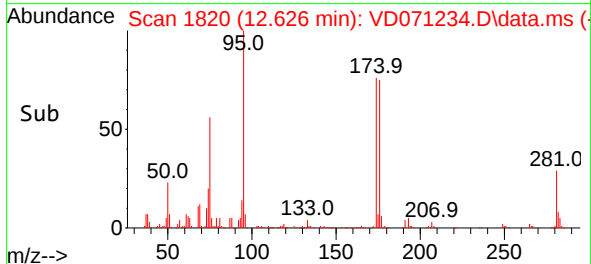
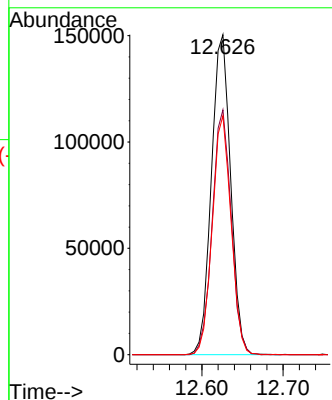
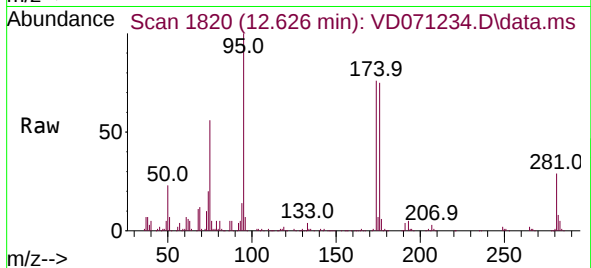




#62
4-Bromofluorobenzene
Concen: 60.826 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

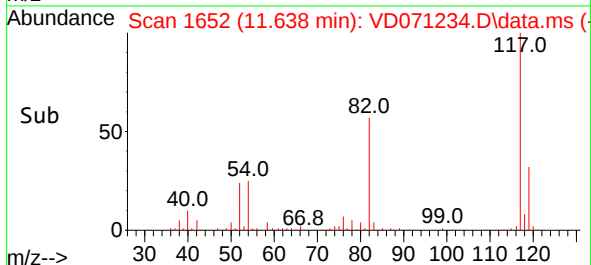
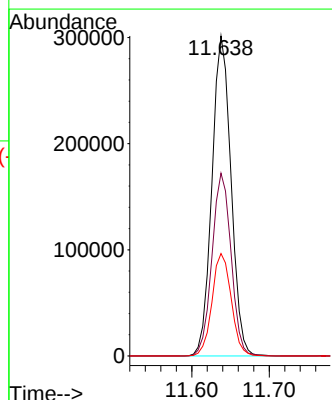
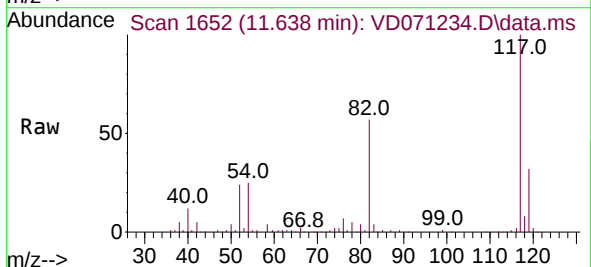
Instrument :
MSVOA_D
ClientSampleId :

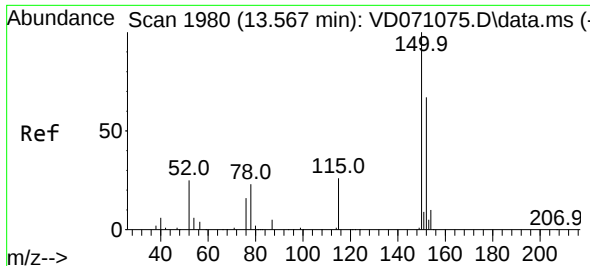
Tgt Ion: 95 Resp: 247177
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.4
176 72.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

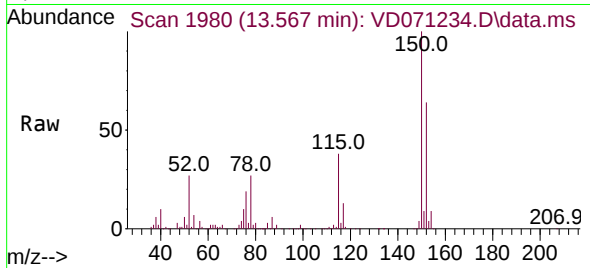
Tgt Ion: 117 Resp: 515259
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.0 26.2 39.4



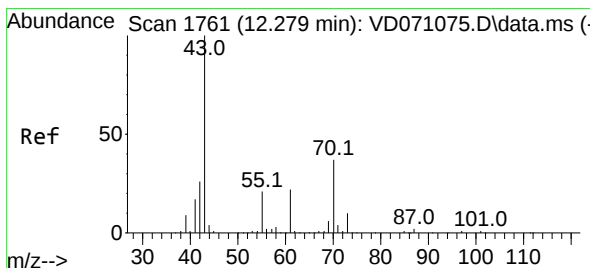
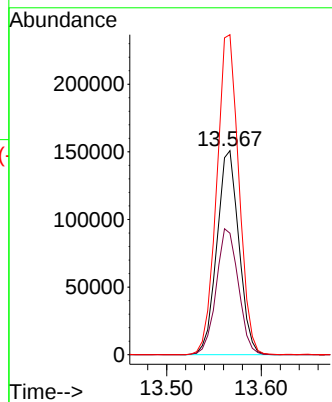
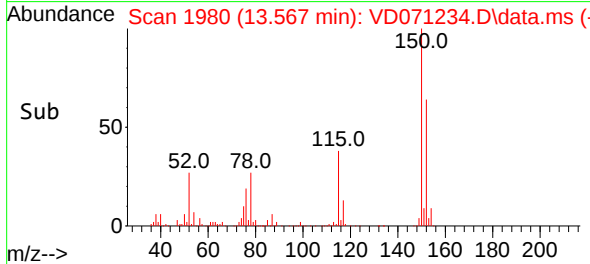


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

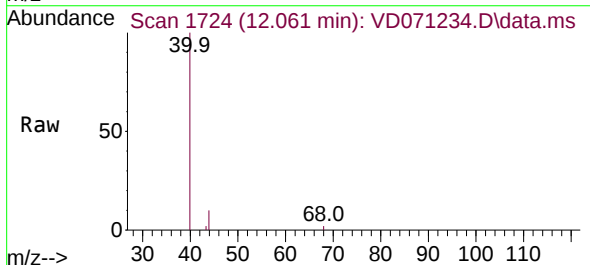
Instrument :
MSVOA_D
ClientSampleId :



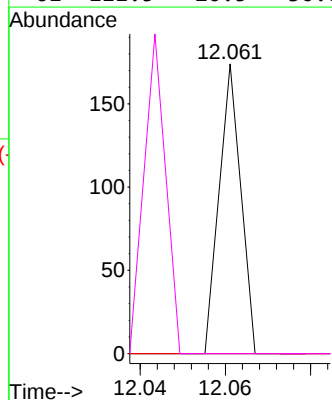
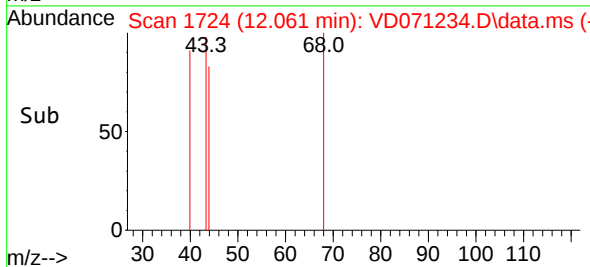
Tgt Ion:152 Resp: 243623
Ion Ratio Lower Upper
152 100
115 62.1 29.8 89.3
150 157.9 0.0 349.2

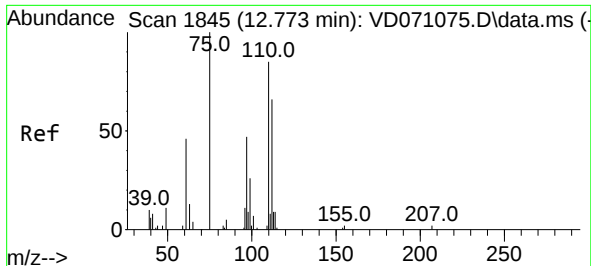


#74
N-ethyl acetate
Concen: 5.712 ug/l
RT: 12.061 min Scan# 1724
Delta R.T. -0.218 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58



Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 22.5 33.7#
61 111.5 20.5 30.7#

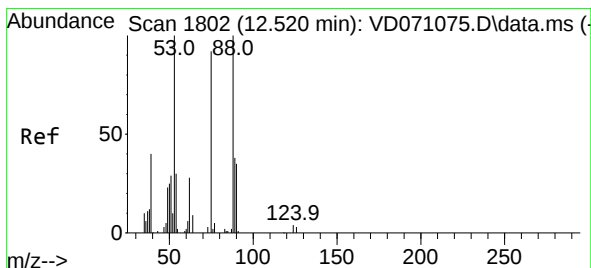
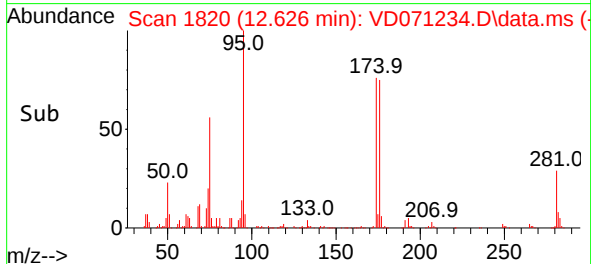
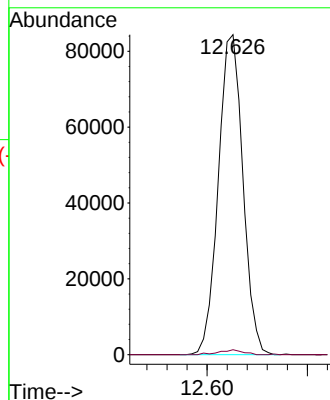
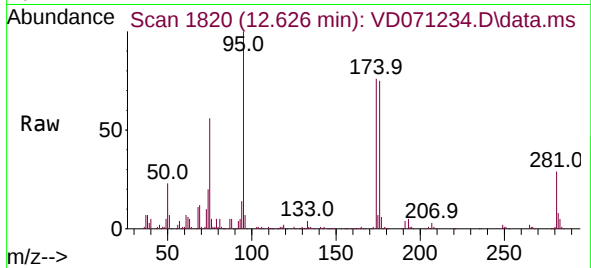




#76
1,2,3-Trichloropropane
Concen: 61.644 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 143085
Ion Ratio Lower Upper
75 100
77 1.5 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.307 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Tgt Ion: 75 Resp: 143085
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.7 34.5 51.7#

