

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071067.D
 Acq On : 19 Nov 2021 20:09
 Operator : VA/SY
 Sample : M4767-04
 Misc : 4.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 02:54:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

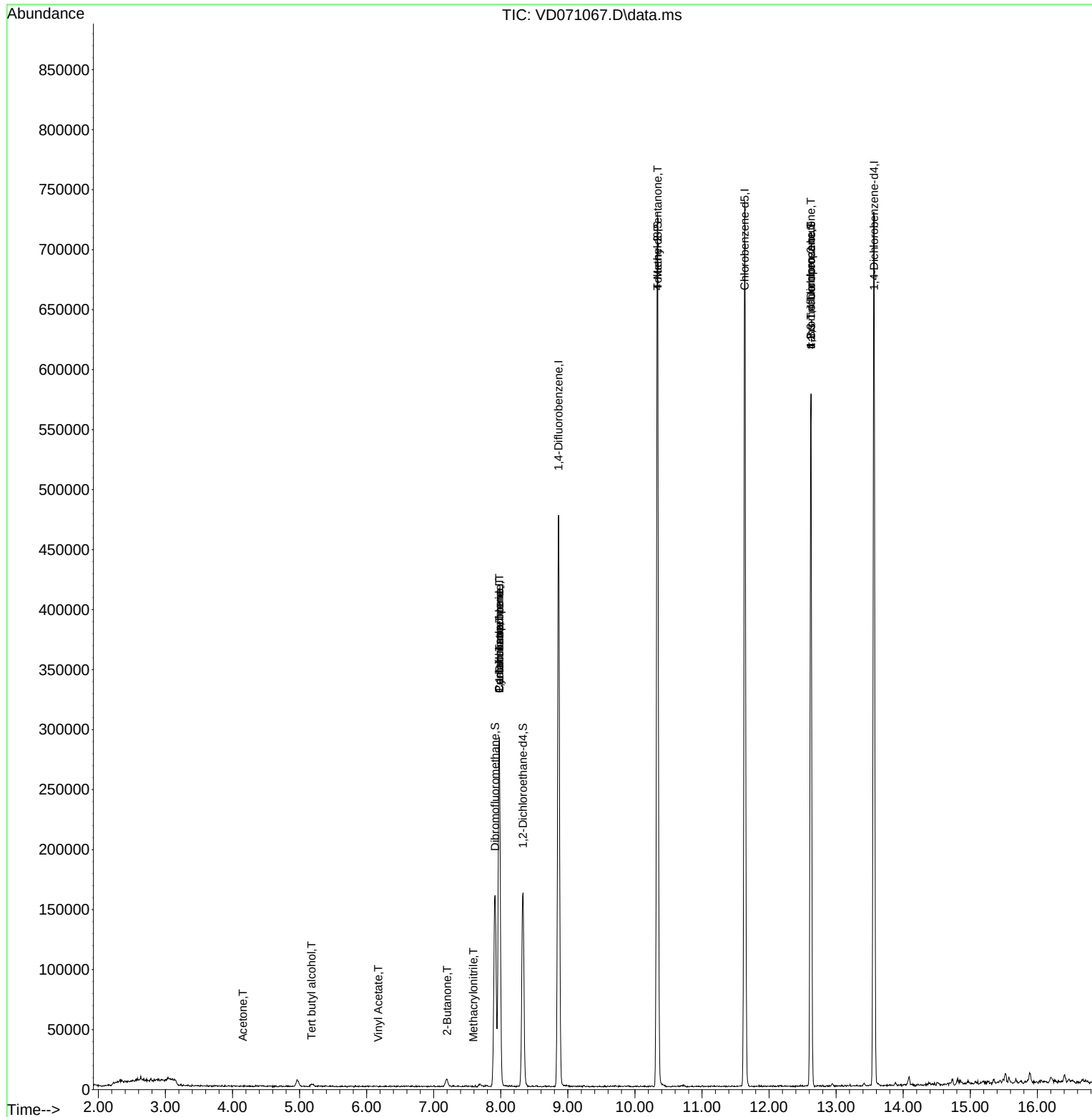
Internal Standards						
1) Pentafluorobenzene	7.979	168	205459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	380810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	378627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	181289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	130587	59.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.400%	
35) Dibromofluoromethane	7.914	113	116578	54.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.338	98	486613	57.824	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.640%	
62) 4-Bromofluorobenzene	12.626	95	180996	59.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.179	59	2165	13.542	ug/l #	71
16) Acetone	4.156	43	318	20.292	ug/l #	40
23) Vinyl Acetate	6.173	43	68	20.997	ug/l #	72
25) 2-Butanone	7.203	43	267	20.689	ug/l #	45
31) Cyclohexane	7.979	56	5500	1.223	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	19065	5.607	ug/l #	48
38) Carbon Tetrachloride	7.979	117	21461	6.854	ug/l #	17
41) Methacrylonitrile	7.591	41	62	3.557	ug/l #	12
51) 4-Methyl-2-Pentanone	10.338	43	3017	1.896	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	102112	65.939	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	102112	121.852	ug/l #	18

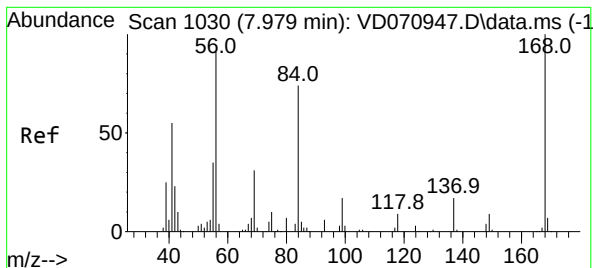
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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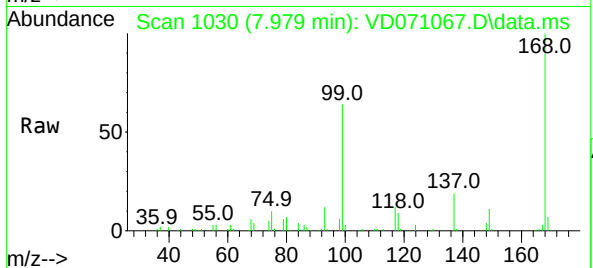
Quant Time: Nov 22 02:54:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



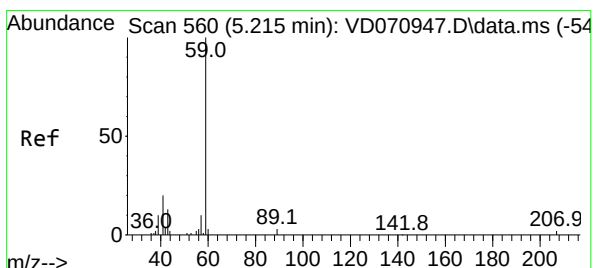
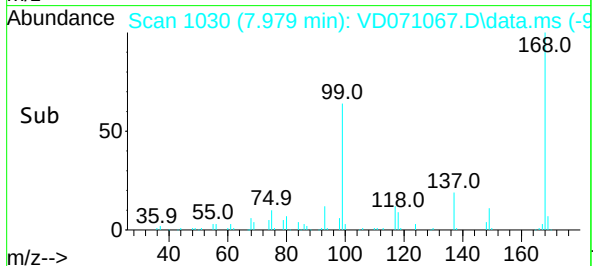
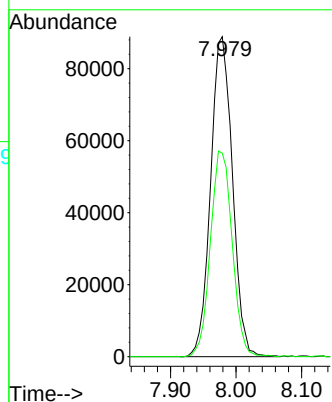


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

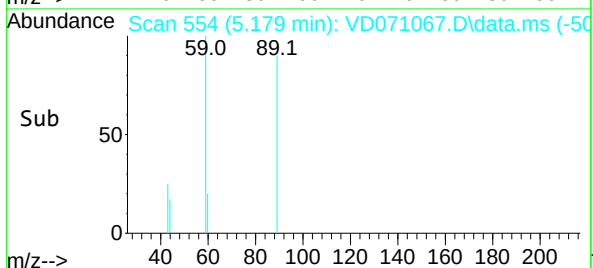
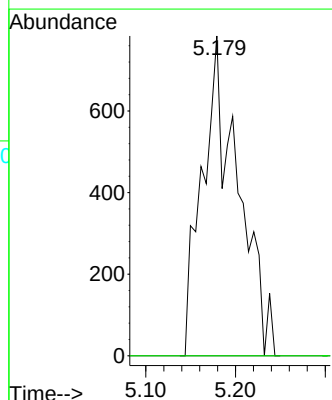
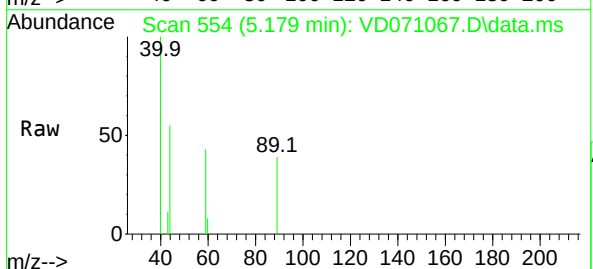


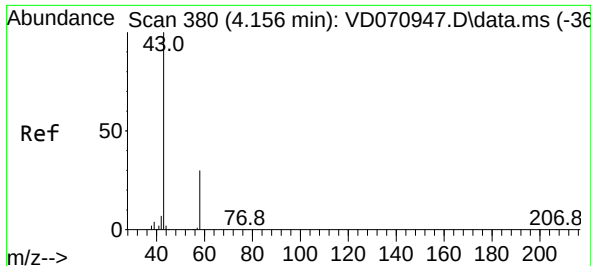
Tgt Ion:168 Resp: 205459
Ion Ratio Lower Upper
168 100
99 63.6 46.6 69.8



#11
Tert butyl alcohol
Concen: 13.542 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.036 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

Tgt Ion: 59 Resp: 2165
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

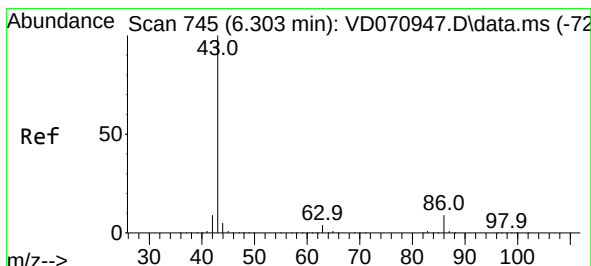
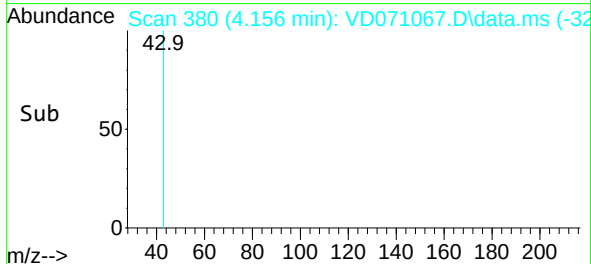
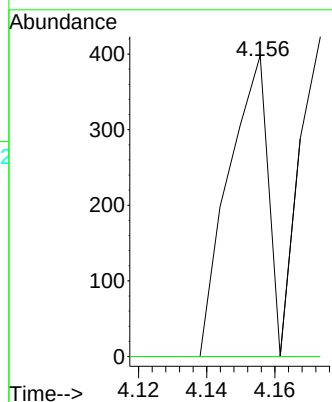
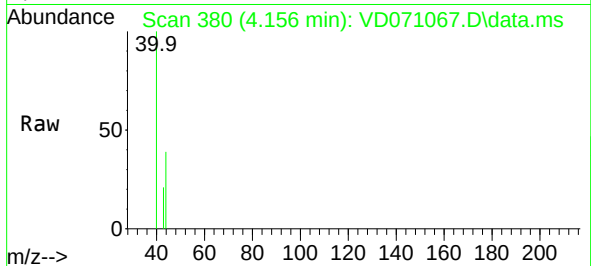




#16
Acetone
Concen: 20.292 ug/l
RT: 4.156 min Scan# 318
Delta R.T. -0.000 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

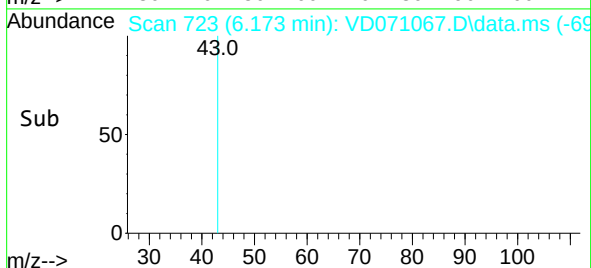
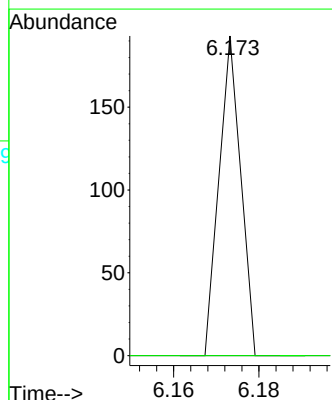
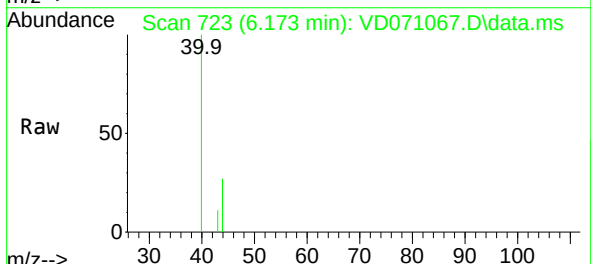
Instrument :
MSVOA_D
ClientSampleId :

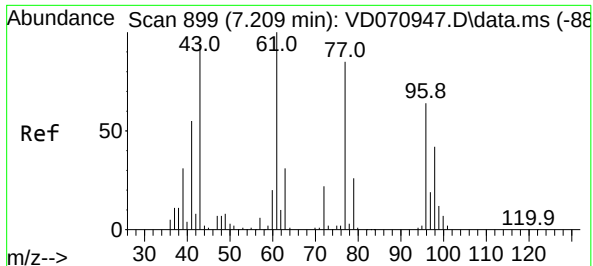
Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#23
Vinyl Acetate
Concen: 20.997 ug/l
RT: 6.173 min Scan# 723
Delta R.T. -0.130 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#

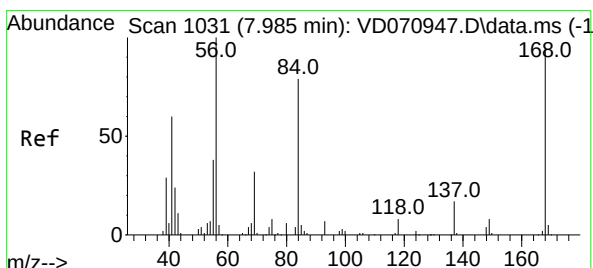
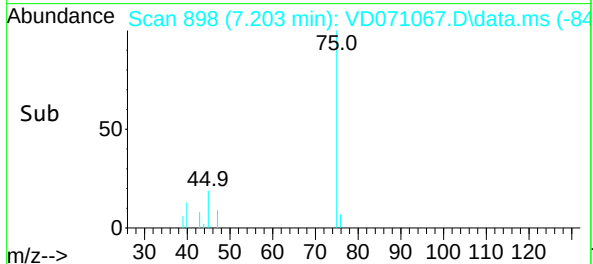
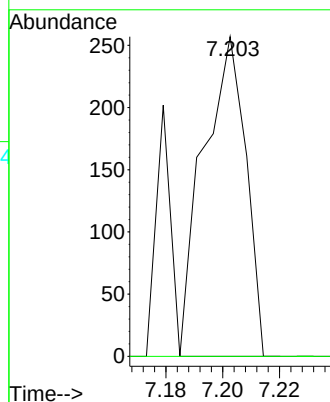
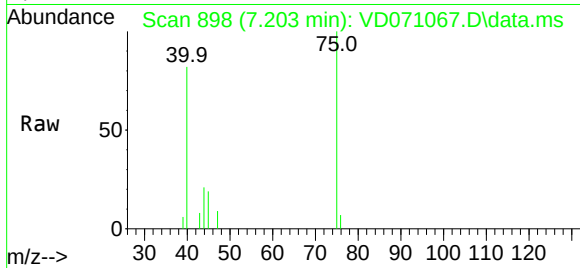




#25
2-Butanone
Concen: 20.689 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

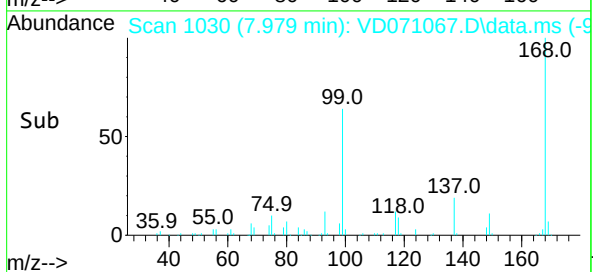
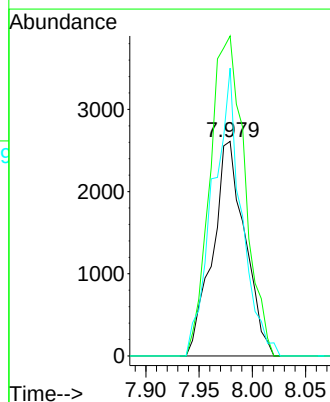
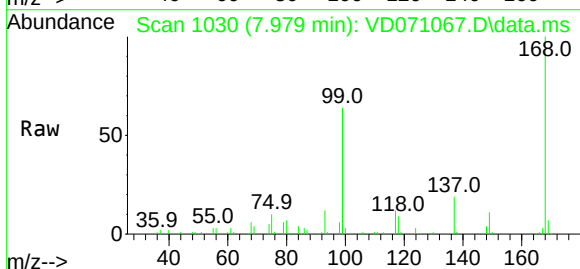
Instrument :
MSVOA_D
ClientSampleId :

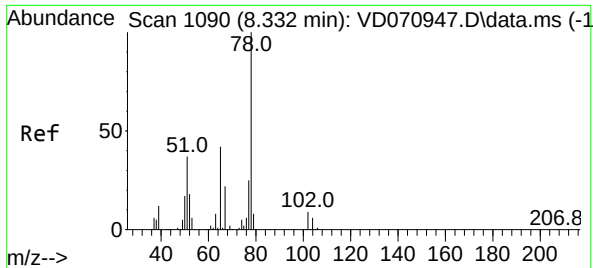
Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

Tgt Ion: 56 Resp: 5500
Ion Ratio Lower Upper
56 100
69 149.2 25.9 38.9#
84 134.2 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 59.696 ug/l

RT: 8.332 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD071067.D

Acq: 19 Nov 2021 20:09

Instrument :

MSVOA_D

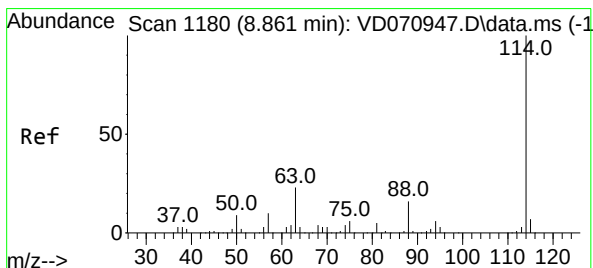
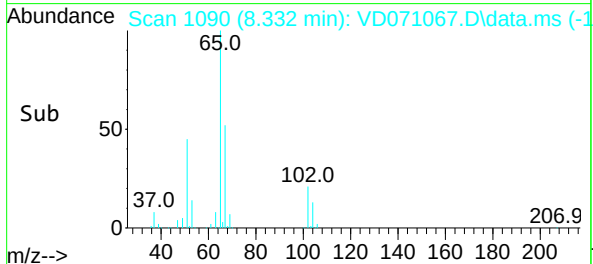
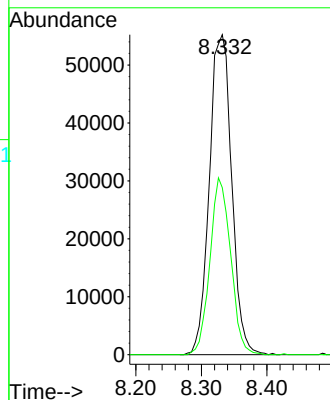
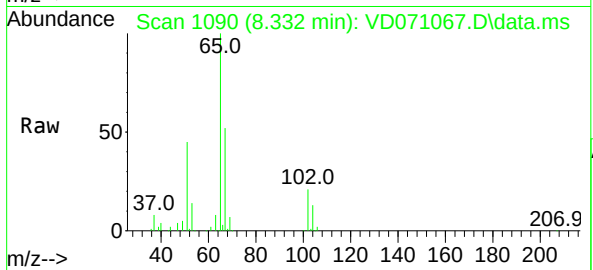
ClientSampleId :

Tgt Ion: 65 Resp: 130587

Ion Ratio Lower Upper

65 100

67 51.3 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071067.D

Acq: 19 Nov 2021 20:09

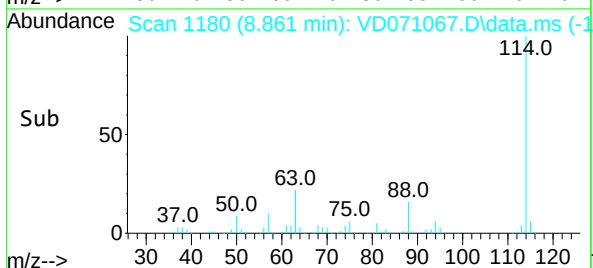
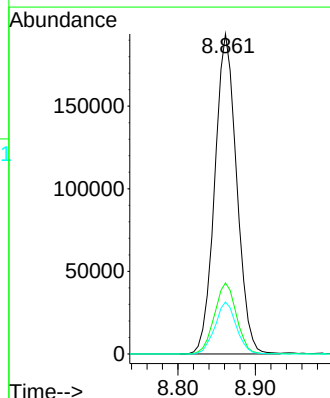
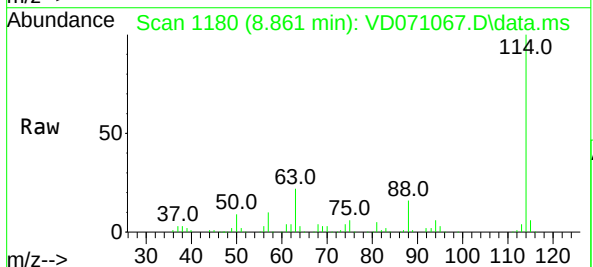
Tgt Ion: 114 Resp: 380810

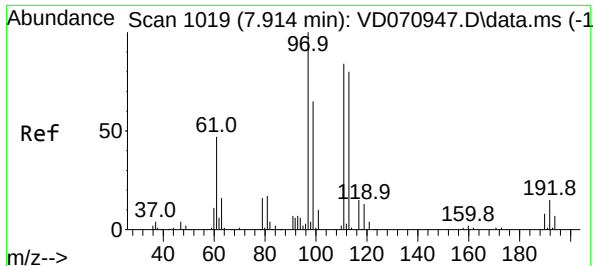
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.252 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071067.D

Acq: 19 Nov 2021 20:09

Instrument :

MSVOA_D

ClientSampleId :

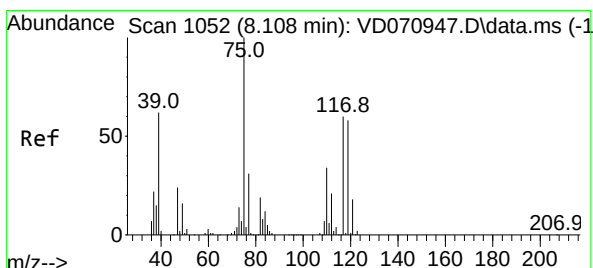
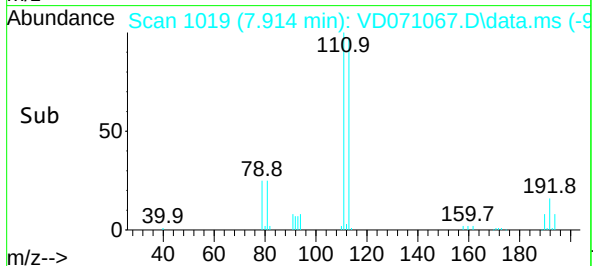
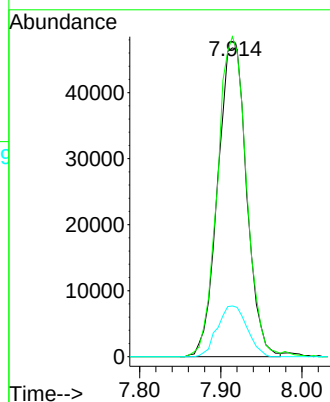
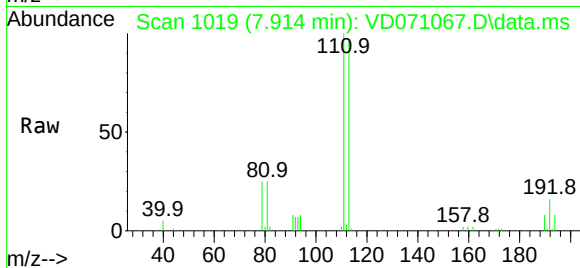
Tgt Ion:113 Resp: 116578

Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 16.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.607 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071067.D

Acq: 19 Nov 2021 20:09

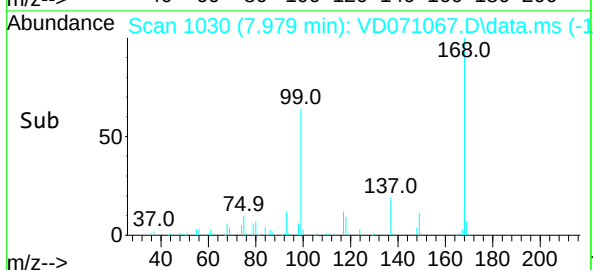
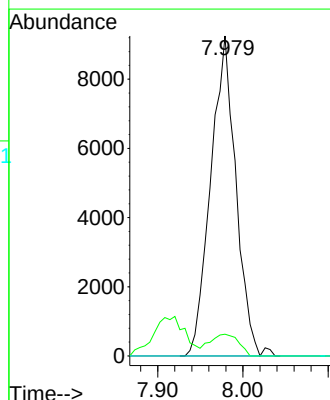
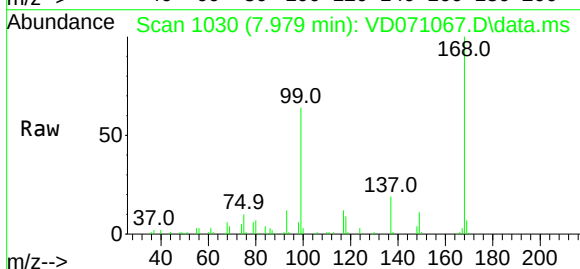
Tgt Ion: 75 Resp: 19065

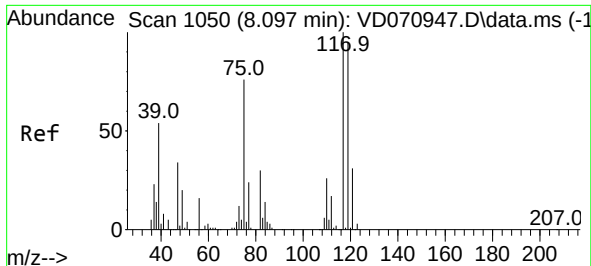
Ion Ratio Lower Upper

75 100

110 7.7 17.8 53.4#

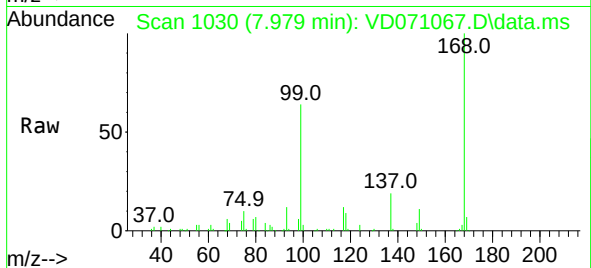
77 0.0 24.8 37.2#



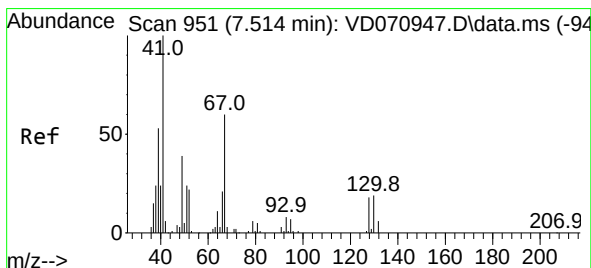
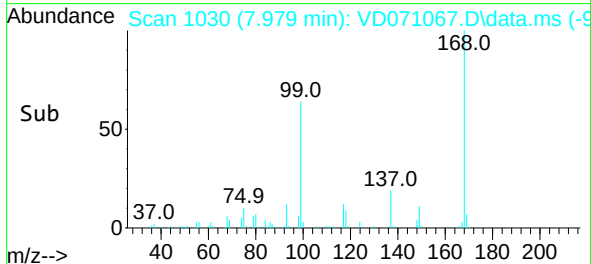
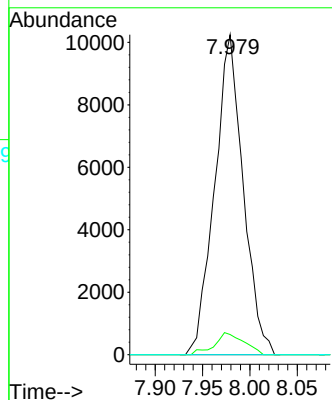


#38
Carbon Tetrachloride
Concen: 6.854 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

Instrument :
MSVOA_D
ClientSampleId :

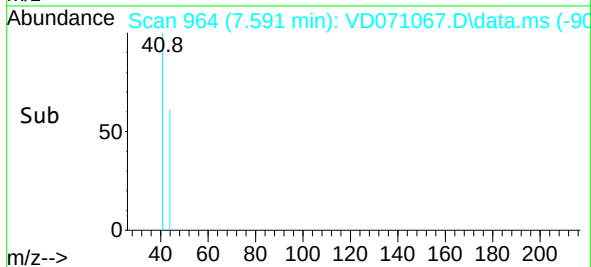
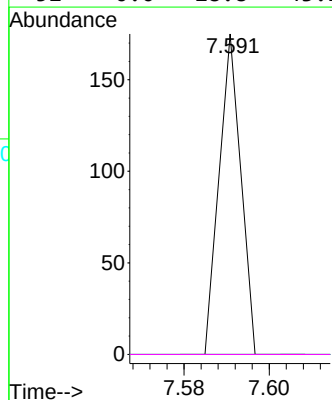
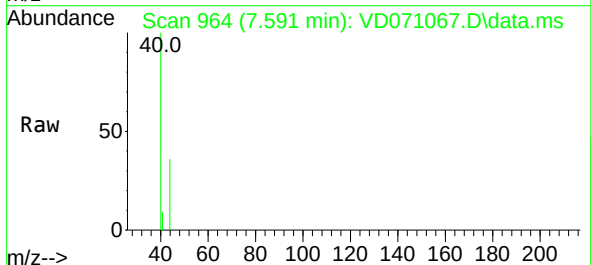


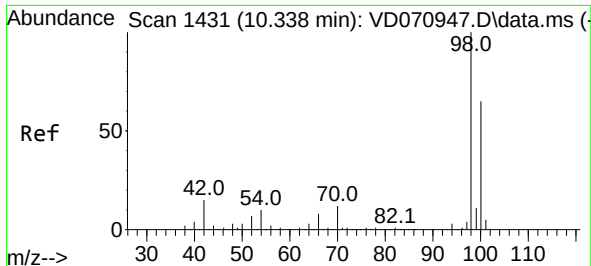
Tgt Ion:117 Resp: 21461
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 23.6 35.4#



#41
Methacrylonitrile
Concen: 3.557 ug/l
RT: 7.591 min Scan# 964
Delta R.T. 0.077 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
39 0.0 60.2 90.4#
67 0.0 74.8 112.2#
52 0.0 28.8 43.2#

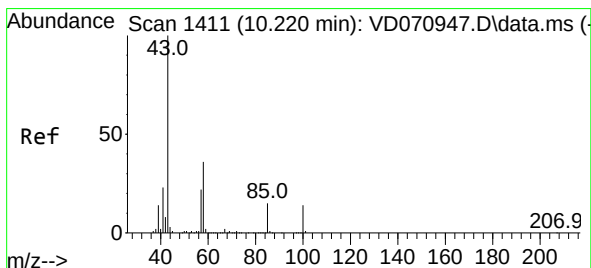
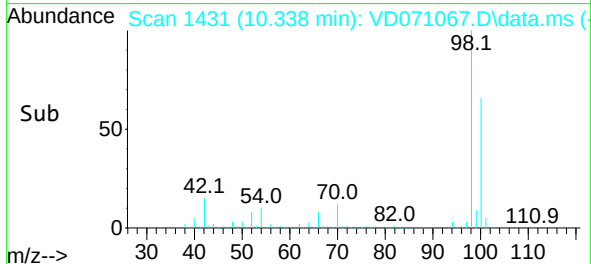
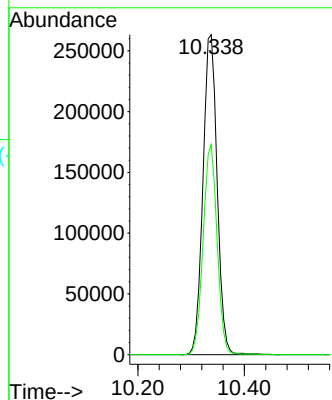
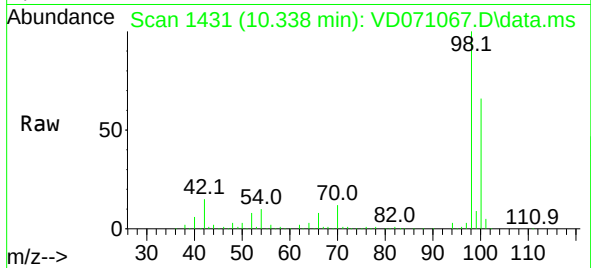




#50
Toluene-d8
Concen: 57.824 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

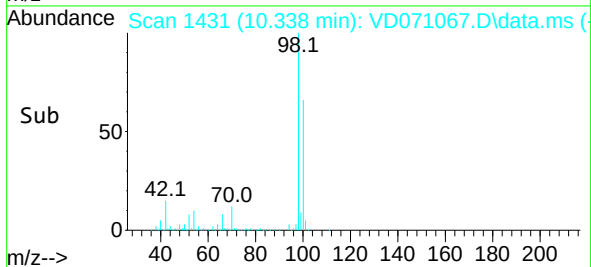
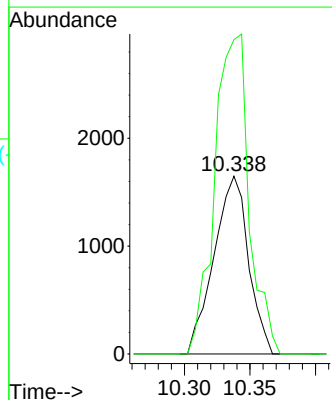
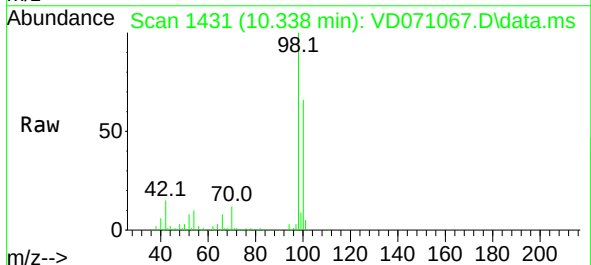
Instrument :
MSVOA_D
ClientSampleId :

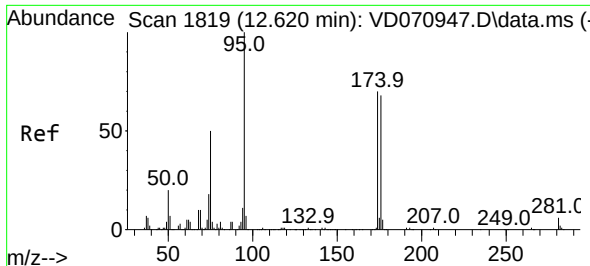
Tgt Ion: 98 Resp: 486613
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.896 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

Tgt Ion: 43 Resp: 3017
Ion Ratio Lower Upper
43 100
58 179.2 33.1 49.7#

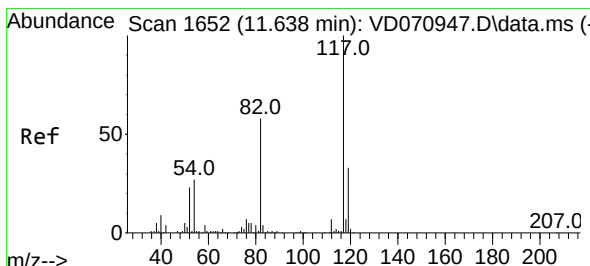
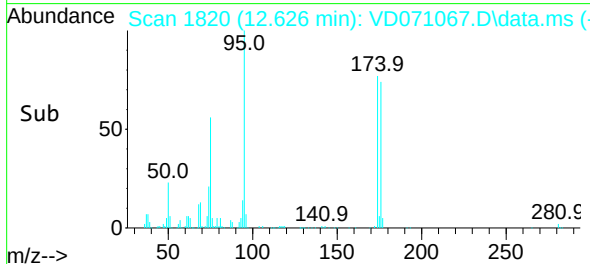
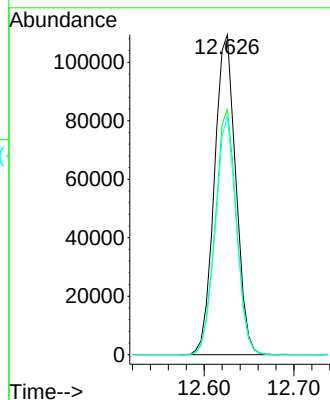
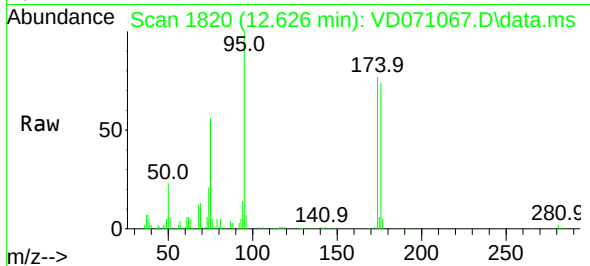




#62
4-Bromofluorobenzene
Concen: 59.734 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

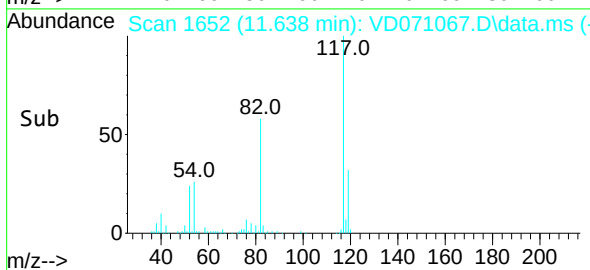
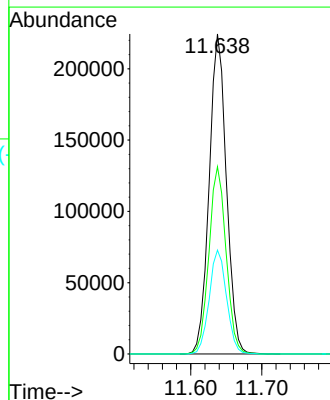
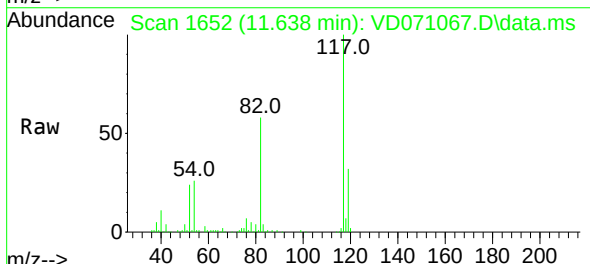
Instrument :
MSVOA_D
ClientSampleId :

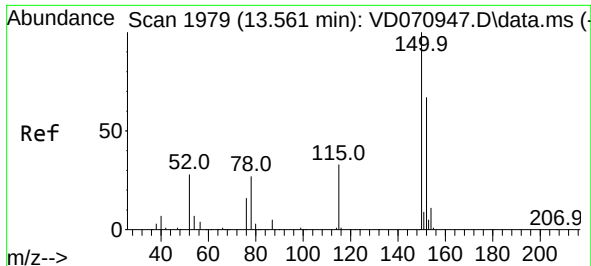
Tgt Ion: 95 Resp: 180996
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 73.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071067.D
Acq: 19 Nov 2021 20:09

Tgt Ion: 117 Resp: 378627
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 32.4 26.2 39.4

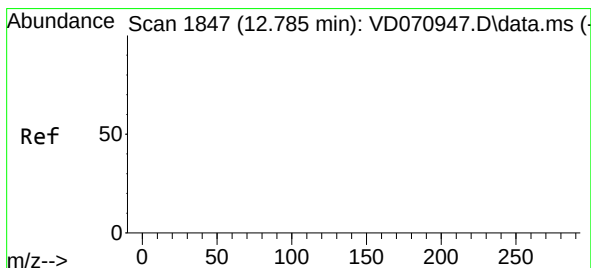
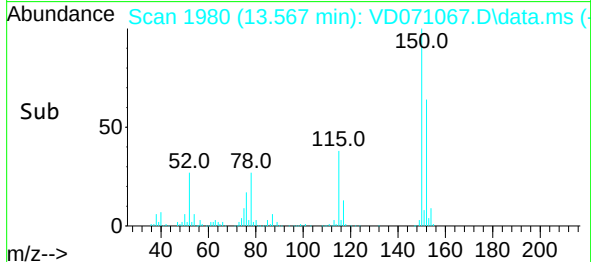
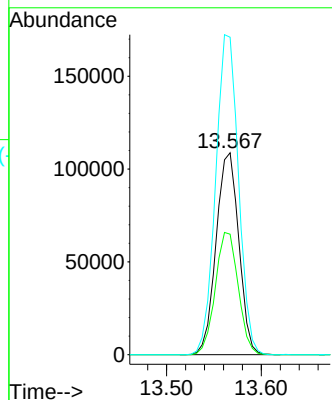
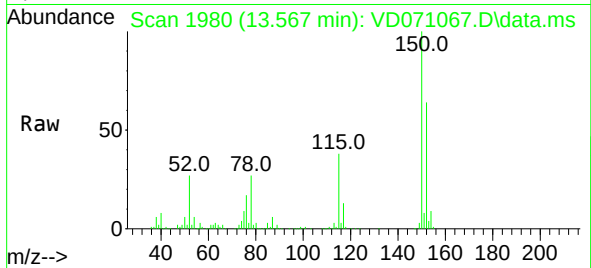




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071067.D
 Acq: 19 Nov 2021 20:09

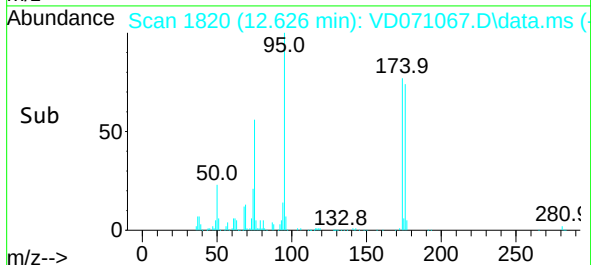
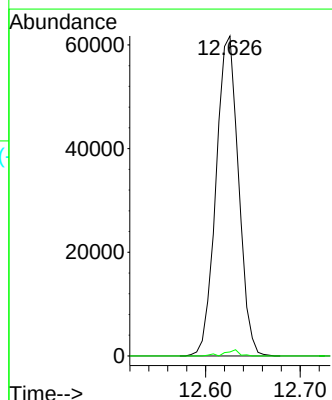
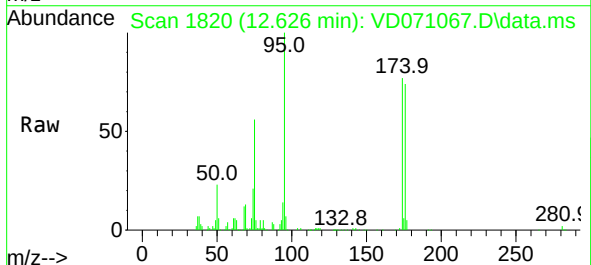
Instrument :
 MSVOA_D
 ClientSampleId :

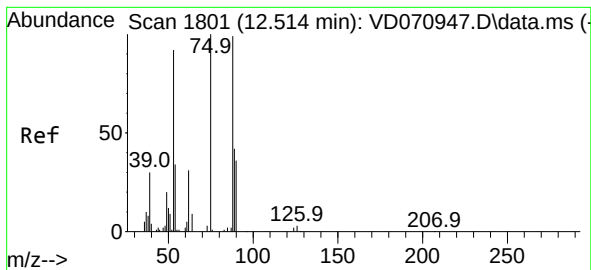
Tgt Ion:152 Resp: 181289
 Ion Ratio Lower Upper
 152 100
 115 61.2 29.8 89.3
 150 159.4 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 65.939 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.159 min
 Lab File: VD071067.D
 Acq: 19 Nov 2021 20:09

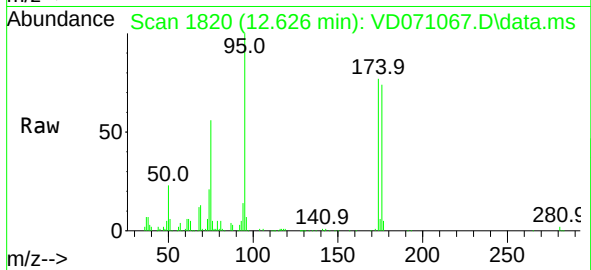
Tgt Ion: 75 Resp: 102112
 Ion Ratio Lower Upper
 75 100
 77 1.2 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.852 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD071067.D
 Acq: 19 Nov 2021 20:09

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 102112
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.1 34.5 51.7#

