

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071059.D
 Acq On : 19 Nov 2021 16:25
 Operator : VA/SY
 Sample : M4758-35
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP18

Quant Time: Nov 22 02:53:28 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)

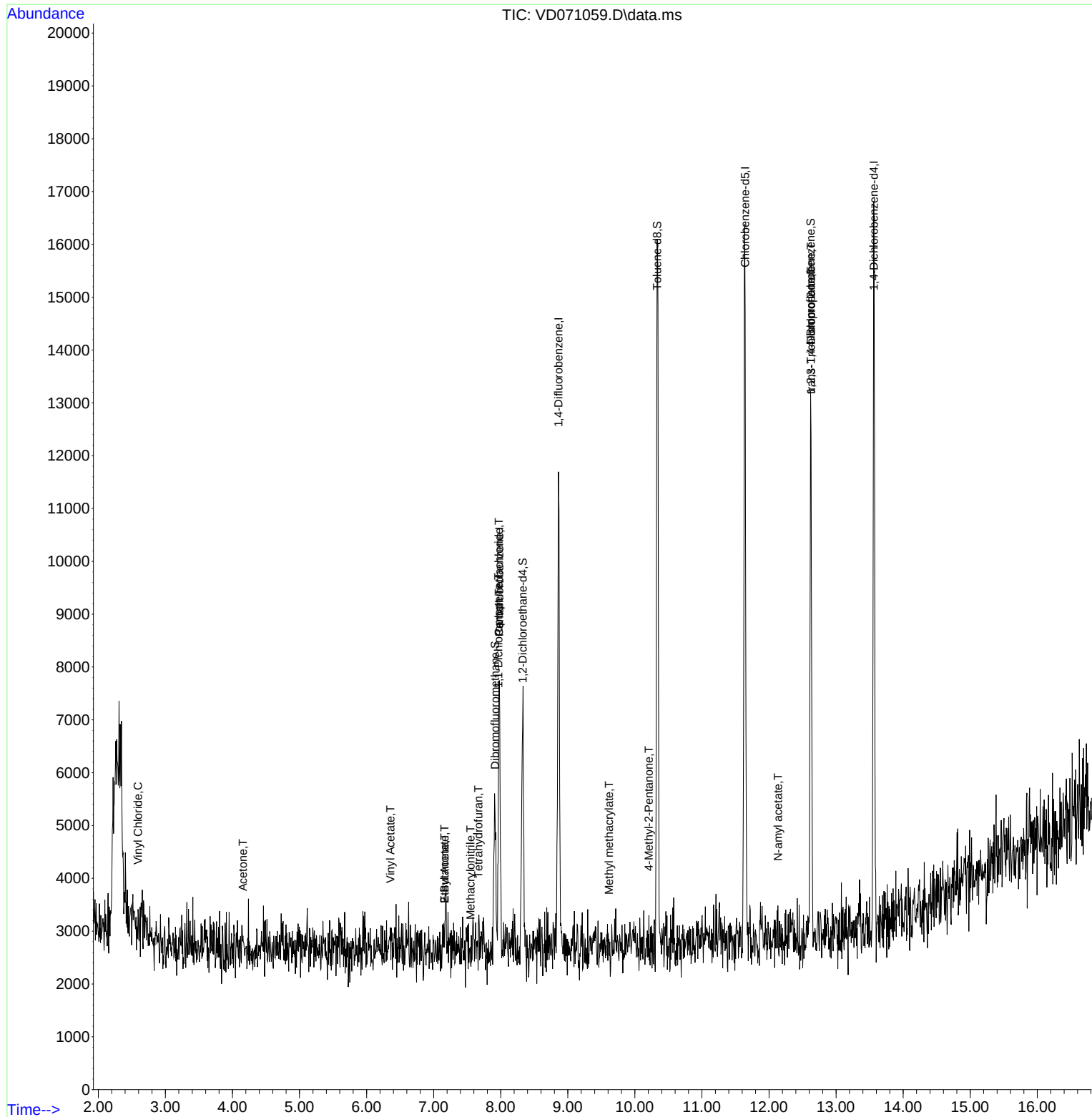
Internal Standards						
1) Pentafluorobenzene	7.979	168	4298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	7216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	7694	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	3402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3930	85.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.760%#	
35) Dibromofluoromethane	7.914	113	2167	53.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.440%	
50) Toluene-d8	10.332	98	9199	57.687	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.380%	
62) 4-Bromofluorobenzene	12.620	95	3680	64.093	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.180%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.591	62	61	1.452	ug/l #	42
16) Acetone	4.156	43	154	31.271	ug/l #	40
23) Vinyl Acetate	6.356	43	57	21.561	ug/l #	72
25) 2-Butanone	7.162	43	55	23.531	ug/l #	45
29) Tetrahydrofuran	7.667	42	71	7.636	ug/l #	34
36) 1,1-Dichloropropene	7.967	75	119	1.847	ug/l #	41
37) Ethyl Acetate	7.162	43	55	1.871	ug/l #	66
38) Carbon Tetrachloride	7.973	117	442	7.450	ug/l #	12
41) Methacrylonitrile	7.550	41	58	5.997	ug/l #	12
48) Methyl methacrylate	9.614	41	59	1.933	ug/l #	15
51) 4-Methyl-2-Pentanone	10.208	43	59	1.956	ug/l #	34
74) N-amyl acetate	12.132	43	195	2.785	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	1937	66.655	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	1937	123.139	ug/l #	18

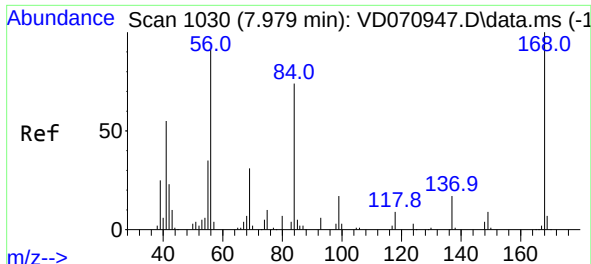
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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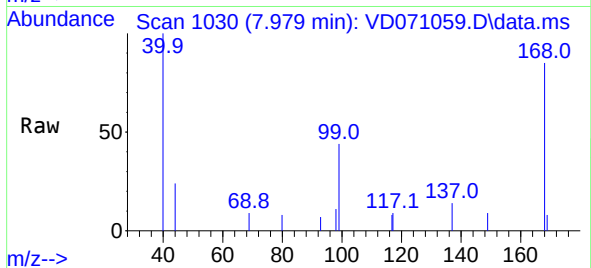
Quant Time: Nov 22 02:53:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



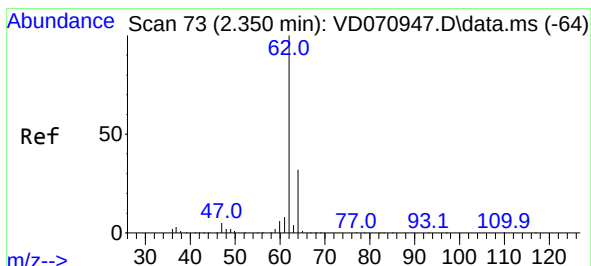
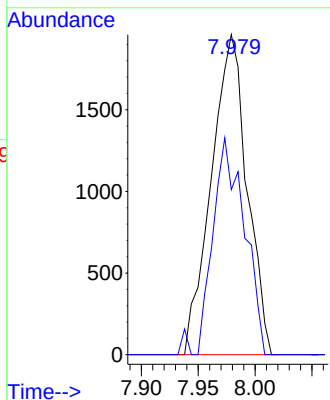
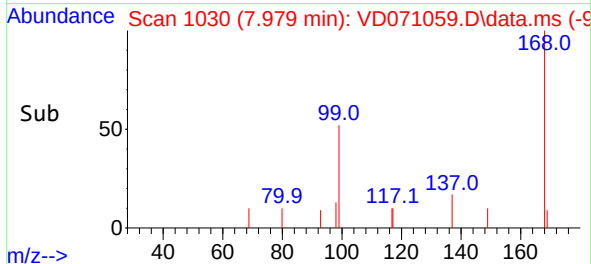


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

Instrument :
MSVOA_D
ClientSampleId :
TP18

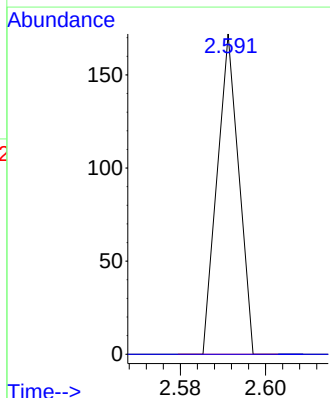
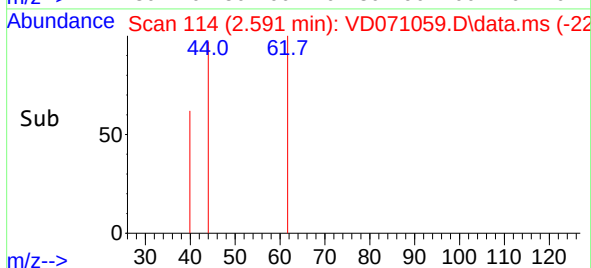
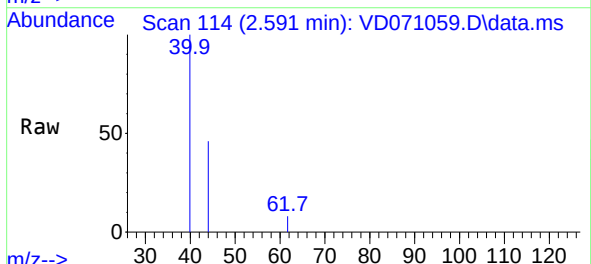


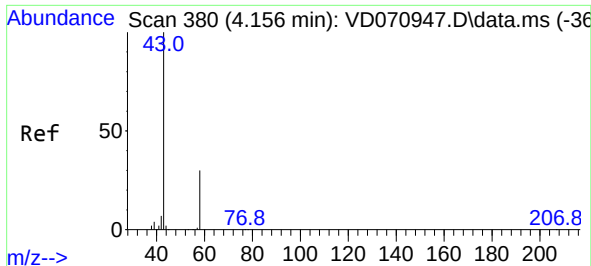
Tgt Ion:168 Resp: 4298
Ion Ratio Lower Upper
168 100
99 51.5 46.6 69.8



#4
Vinyl Chloride
Concen: 1.452 ug/l
RT: 2.591 min Scan# 114
Delta R.T. 0.241 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

Tgt Ion: 62 Resp: 61
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

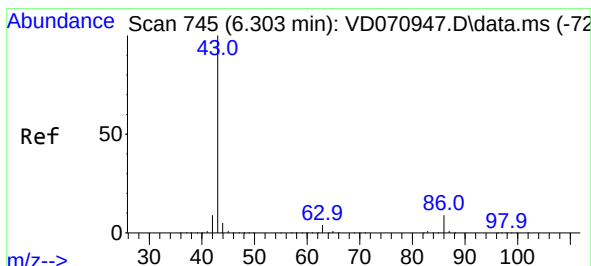
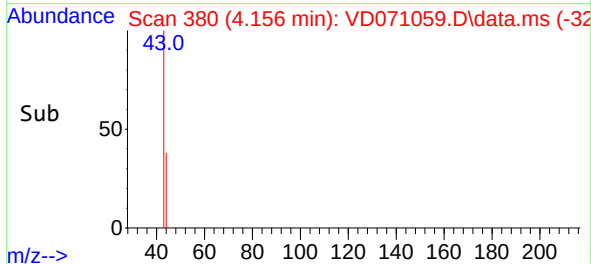
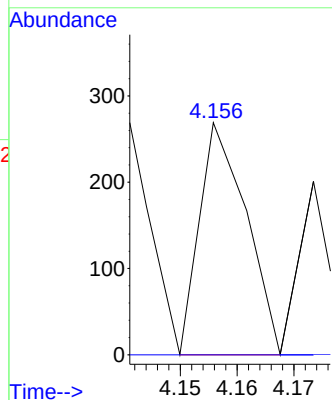
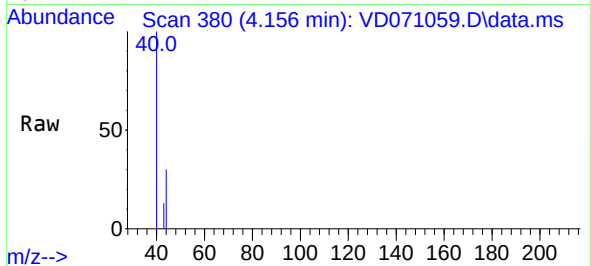




#16
Acetone
Concen: 31.271 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

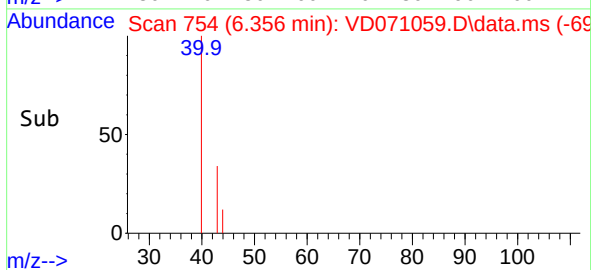
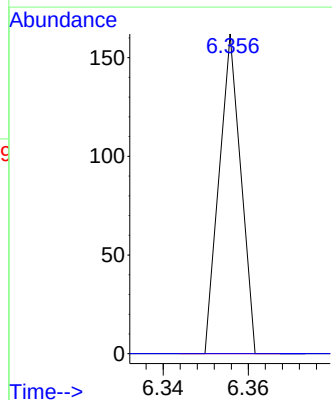
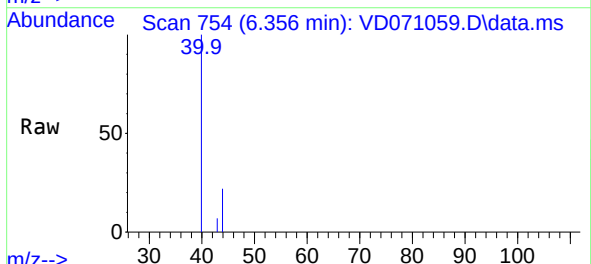
Instrument :
MSVOA_D
ClientSampleId :
TP18

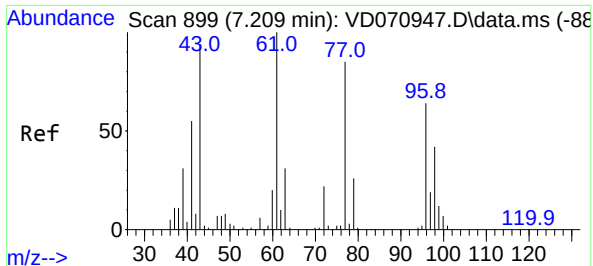
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#23
Vinyl Acetate
Concen: 21.561 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.053 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#





#25

2-Butanone

Concen: 23.531 ug/l

RT: 7.162 min Scan# 899

Delta R.T. -0.047 min

Lab File: VD071059.D

Acq: 19 Nov 2021 16:25

Instrument :

MSVOA_D

ClientSampleId :

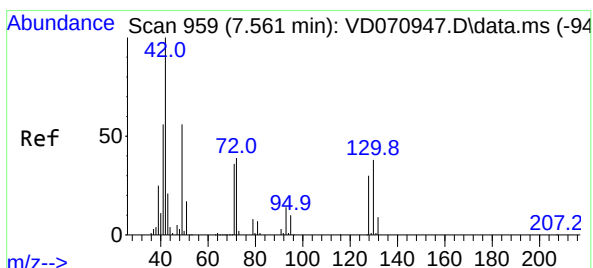
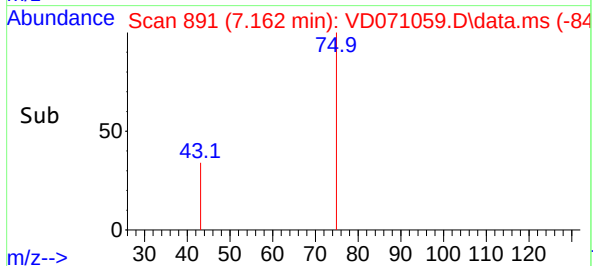
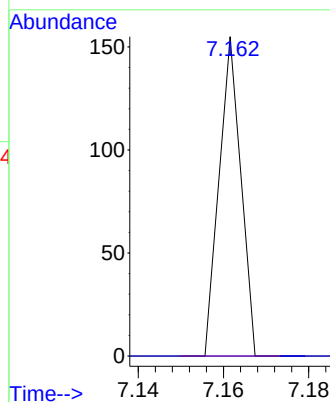
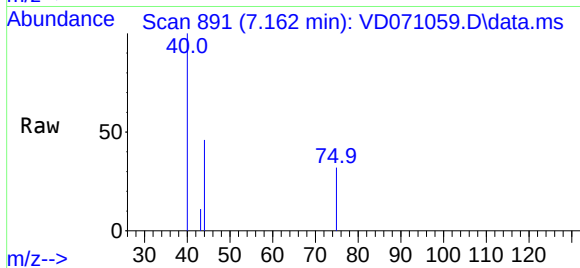
TP18

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.6#



#29

Tetrahydrofuran

Concen: 7.636 ug/l

RT: 7.667 min Scan# 977

Delta R.T. 0.106 min

Lab File: VD071059.D

Acq: 19 Nov 2021 16:25

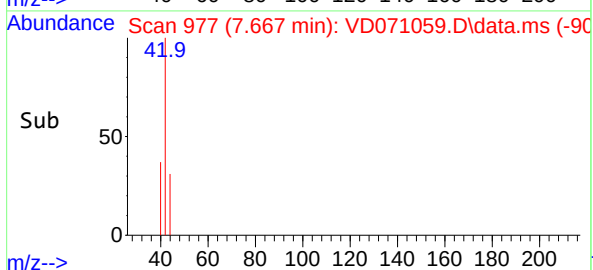
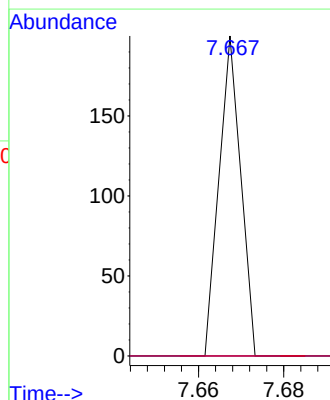
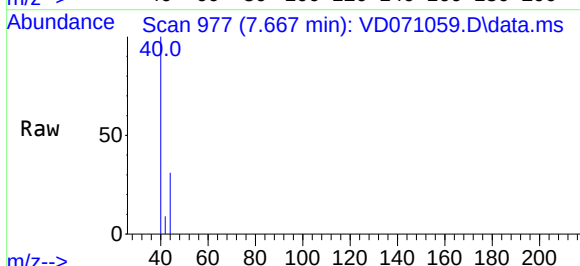
Tgt Ion: 42 Resp: 71

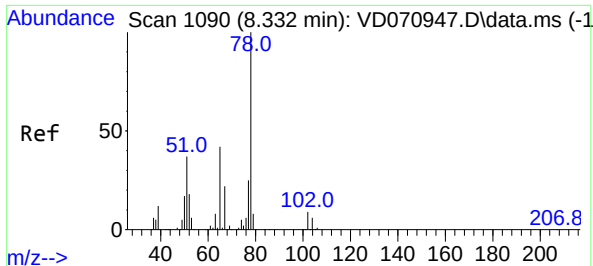
Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 32.7 49.1#





#33

1,2-Dichloroethane-d4

Concen: 85.881 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071059.D

Acq: 19 Nov 2021 16:25

Instrument :

MSVOA_D

ClientSampleId :

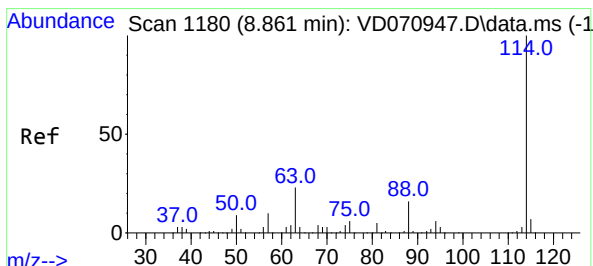
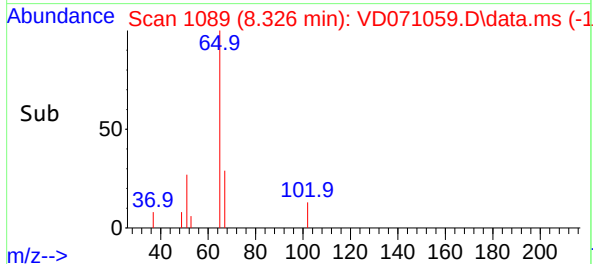
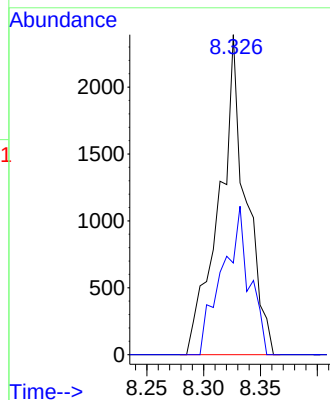
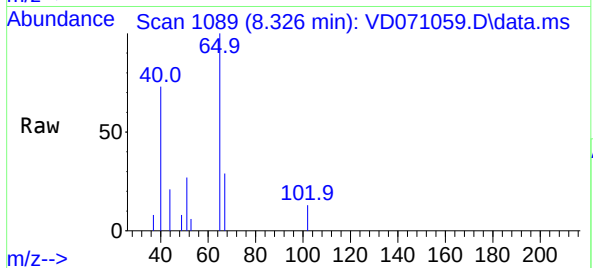
TP18

Tgt Ion: 65 Resp: 3930

Ion Ratio Lower Upper

65 100

67 47.0 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: VD071059.D

Acq: 19 Nov 2021 16:25

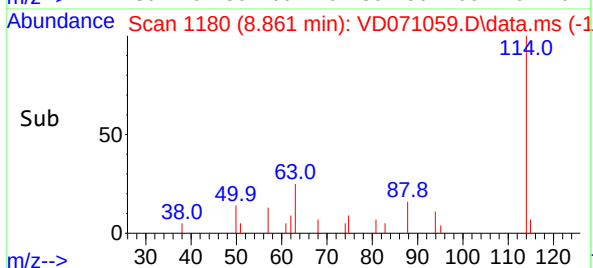
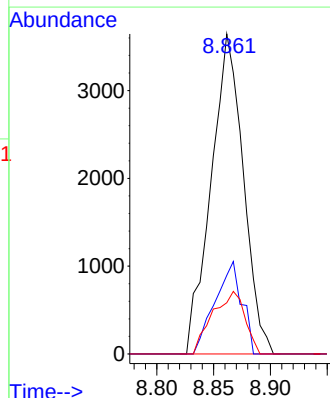
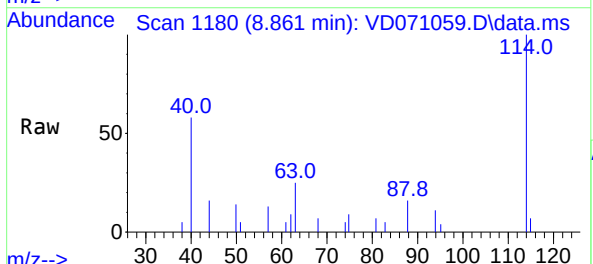
Tgt Ion: 114 Resp: 7216

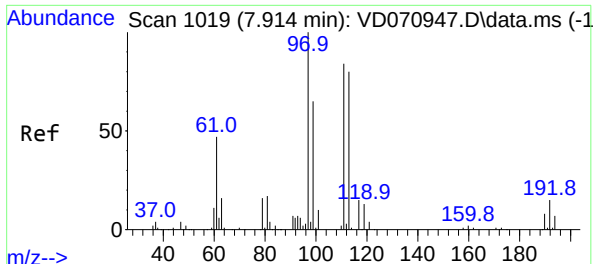
Ion Ratio Lower Upper

114 100

63 24.6 0.0 41.8

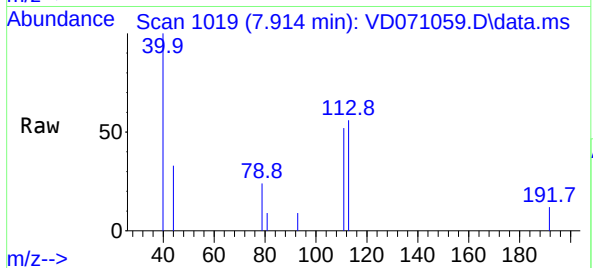
88 16.0 0.0 32.8



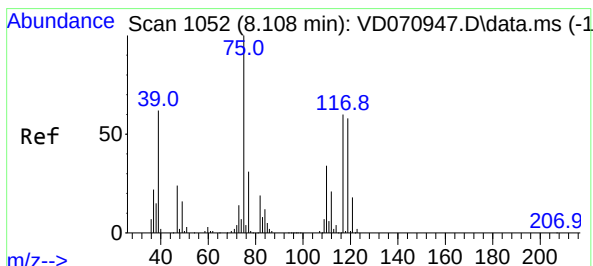
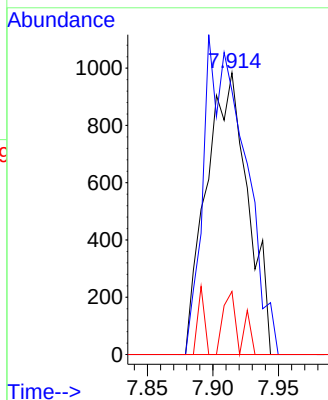
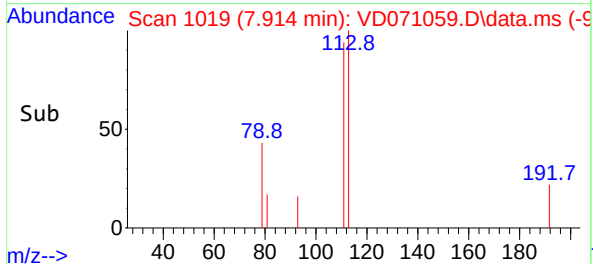


#35
Dibromofluoromethane
Concen: 53.219 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

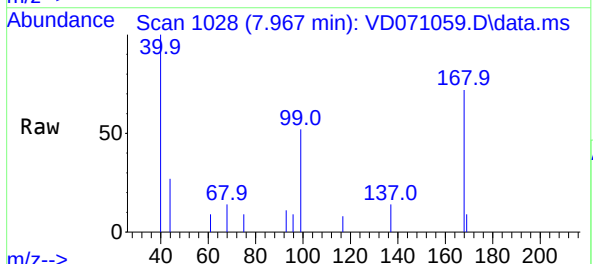
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TP18



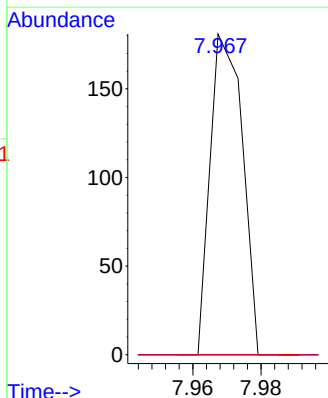
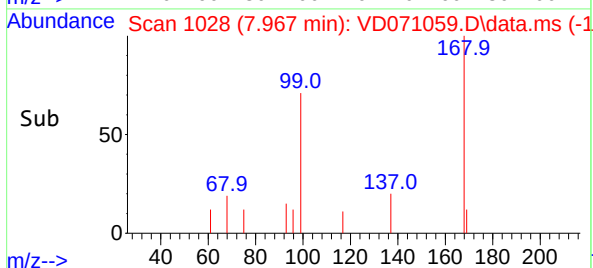
Tgt Ion:113 Resp: 2167
Ion Ratio Lower Upper
113 100
111 0.0 82.0 123.0#
192 8.9 15.2 22.8#

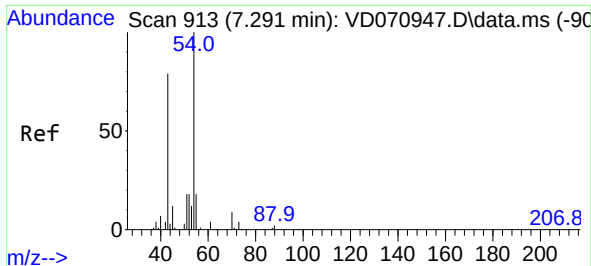


#36
1,1-Dichloropropene
Concen: 1.847 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25



Tgt Ion: 75 Resp: 119
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.4#
77 0.0 24.8 37.2#

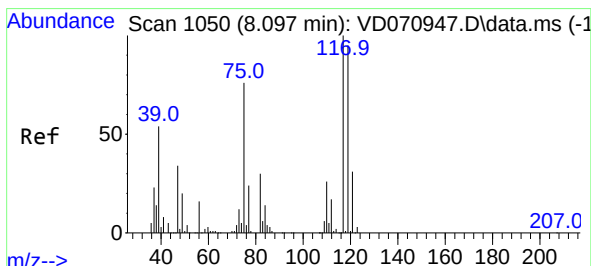
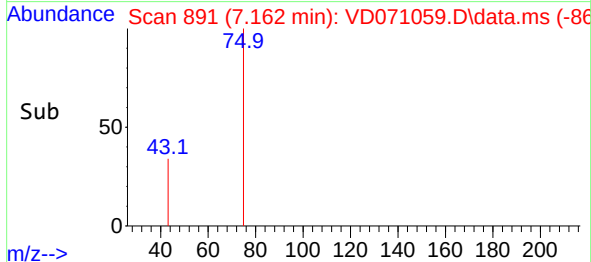
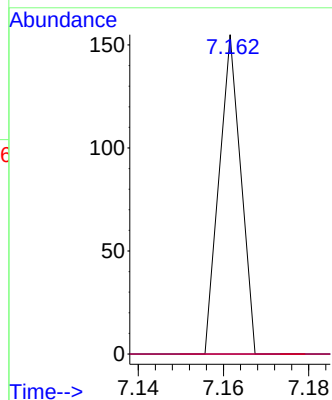
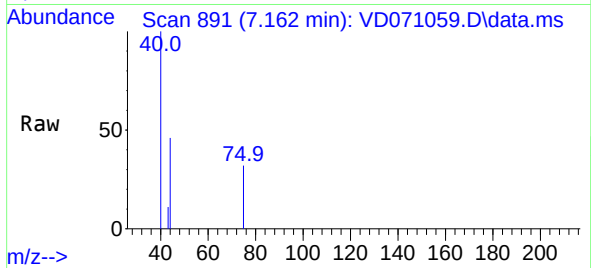




#37
Ethyl Acetate
Concen: 1.871 ug/l
RT: 7.162 min Scan# 891
Delta R.T. -0.129 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

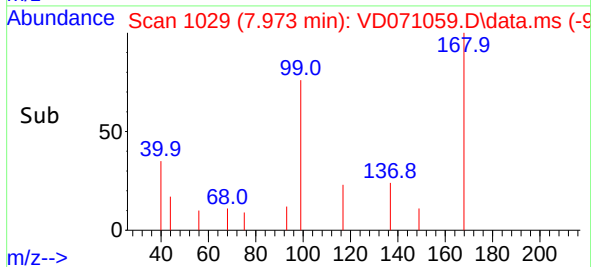
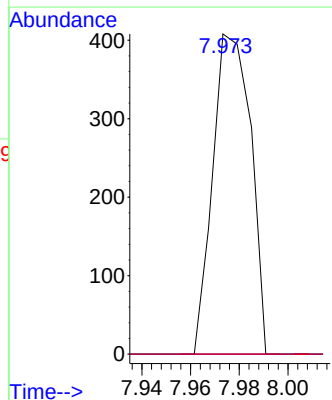
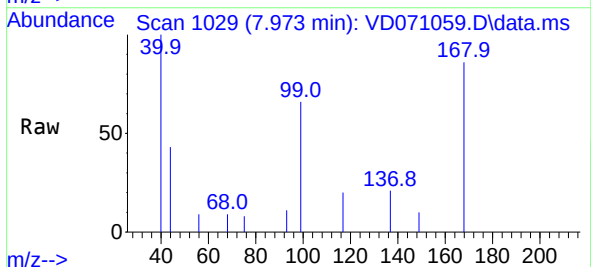
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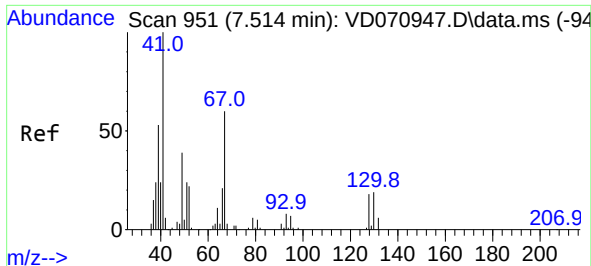
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.6#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 7.450 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

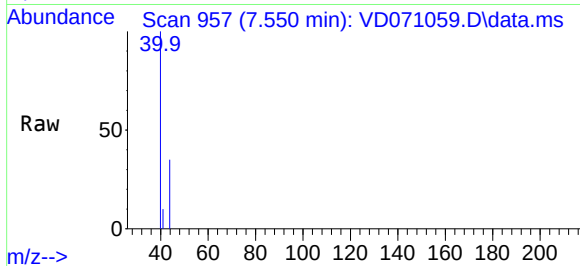
Tgt Ion: 117 Resp: 442
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#



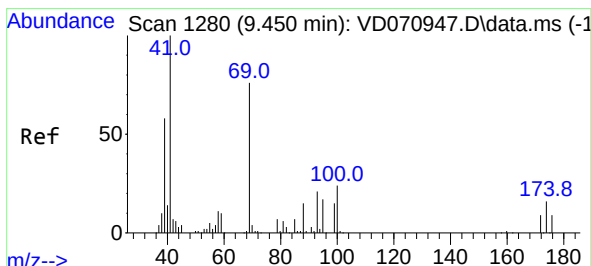
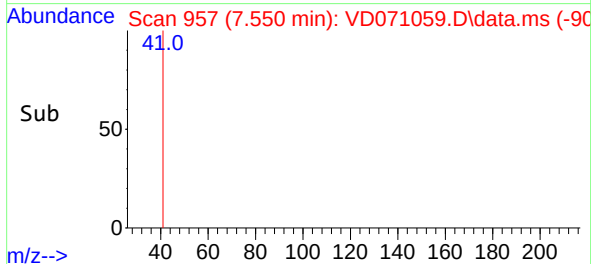
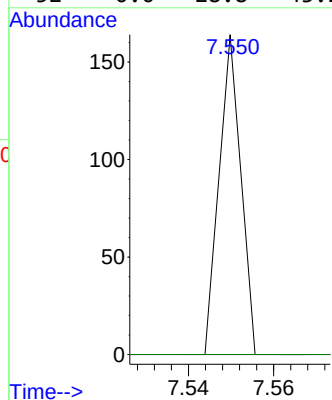


#41
Methacrylonitrile
Concen: 5.997 ug/l
RT: 7.550 min Scan# 91
Delta R.T. 0.036 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

Instrument :
MSVOA_D
ClientSampleId :
TP18

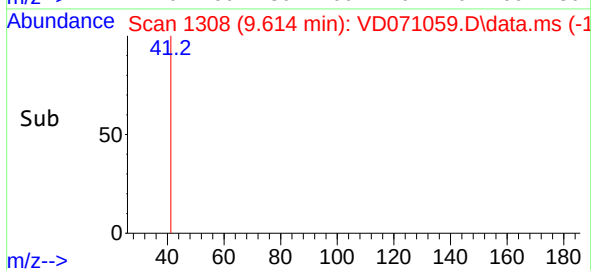
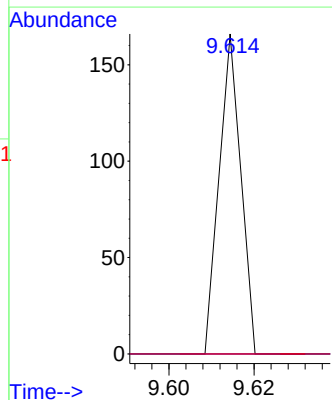
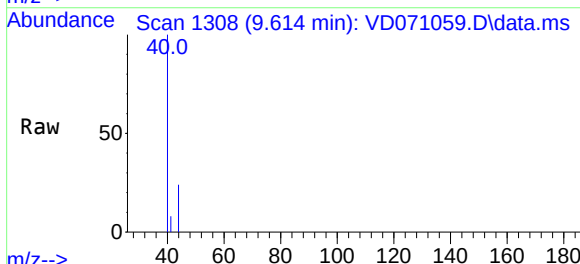


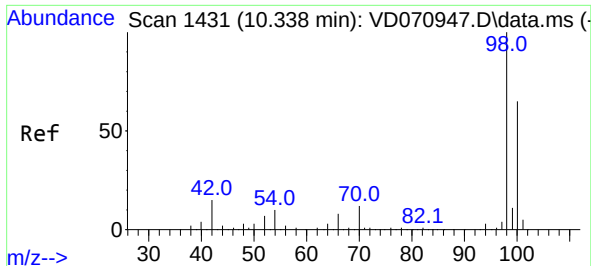
Tgt Ion: 41	Resp: 58
Ion Ratio	Lower Upper
41 100	
39 0.0	60.2 90.4#
67 0.0	74.8 112.2#
52 0.0	28.8 43.2#



#48
Methyl methacrylate
Concen: 1.933 ug/l
RT: 9.614 min Scan# 1308
Delta R.T. 0.164 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

Tgt Ion: 41	Resp: 59
Ion Ratio	Lower Upper
41 100	
69 0.0	69.8 104.6#
39 0.0	35.6 53.4#

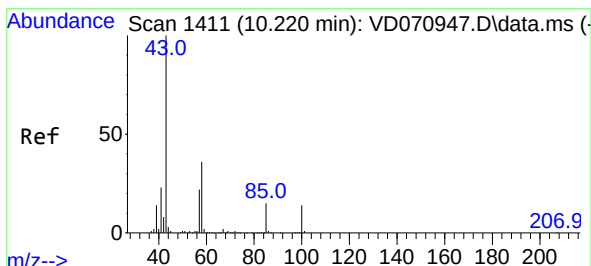
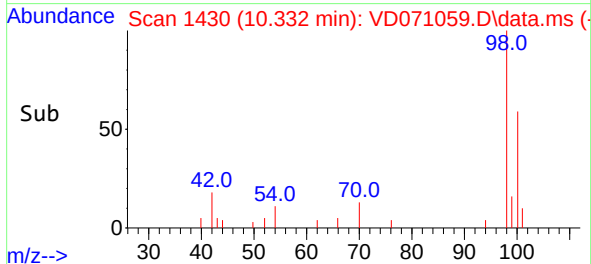
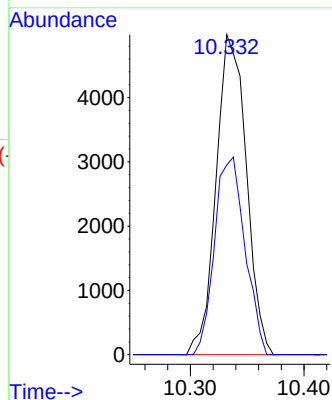
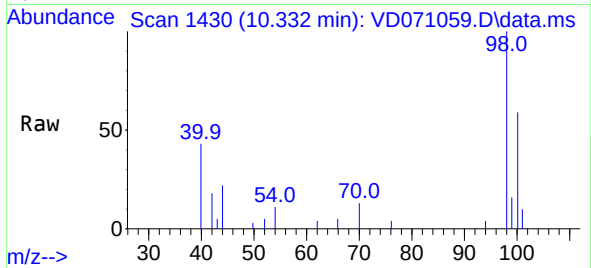




#50
Toluene-d8
Concen: 57.687 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

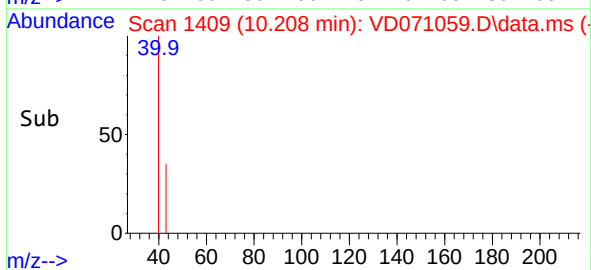
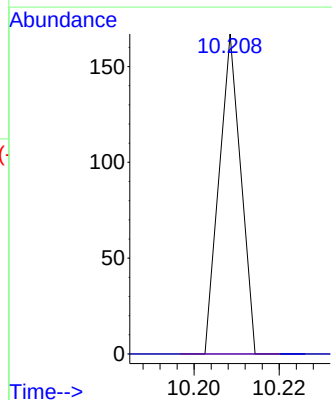
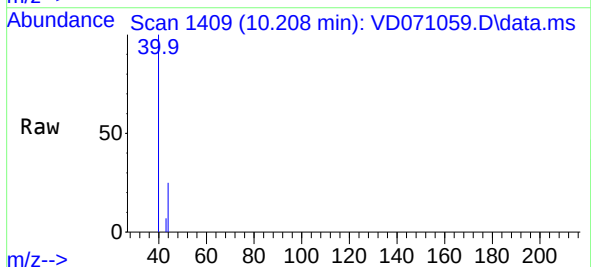
Instrument :
MSVOA_D
ClientSampleId :
TP18

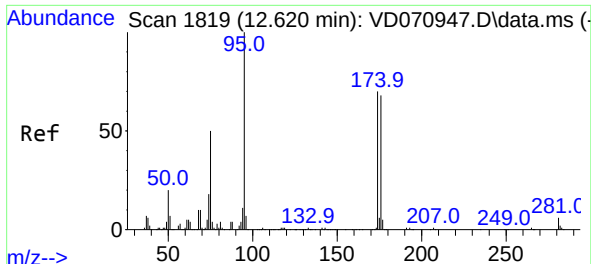
Tgt Ion: 98 Resp: 9199
Ion Ratio Lower Upper
98 100
100 62.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.956 ug/l
RT: 10.208 min Scan# 1409
Delta R.T. -0.012 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#

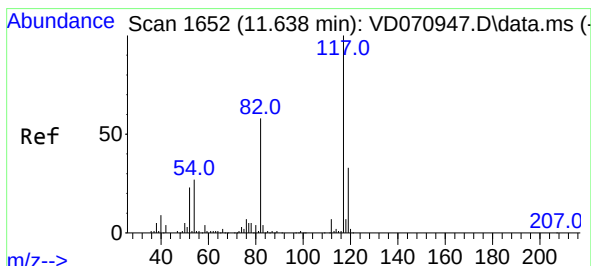
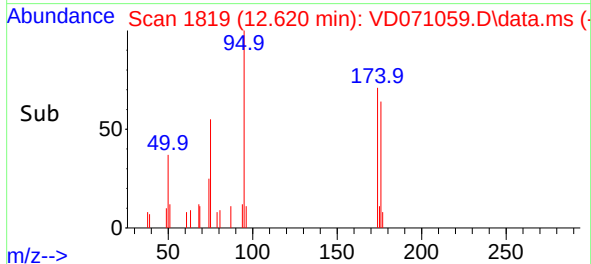
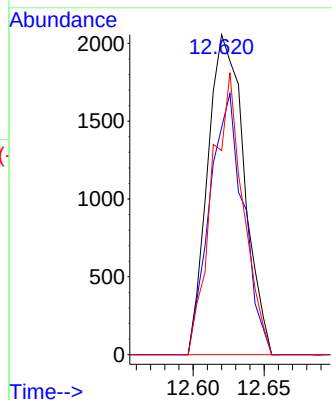
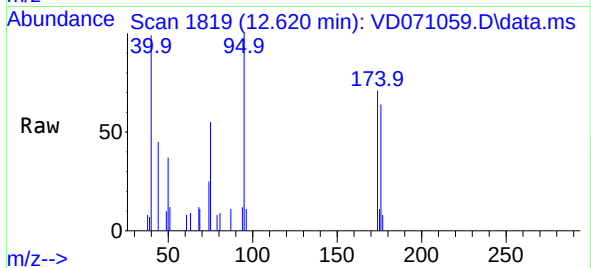




#62
4-Bromofluorobenzene
Concen: 64.093 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

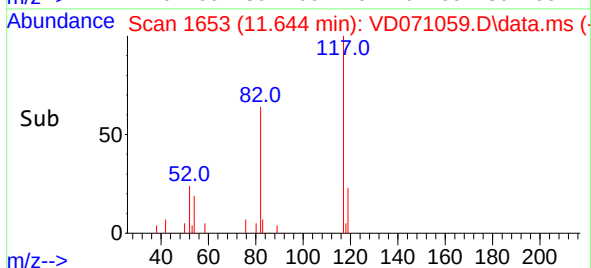
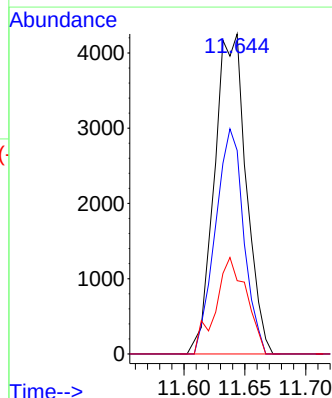
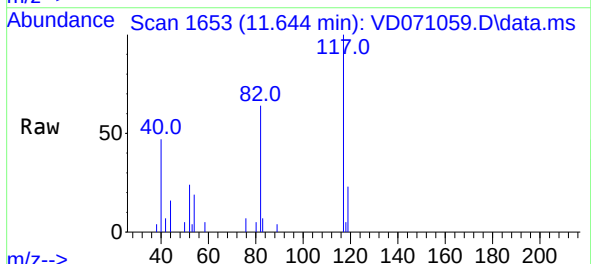
Instrument :
MSVOA_D
ClientSampleId :
TP18

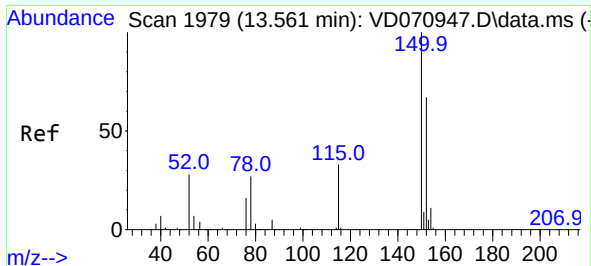
Tgt Ion:	95	Resp:	3680
Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	159.4
176	75.7	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

Tgt Ion:	117	Resp:	7694
Ion	Ratio	Lower	Upper
117	100		
82	63.6	44.7	67.1
119	22.9	26.2	39.4

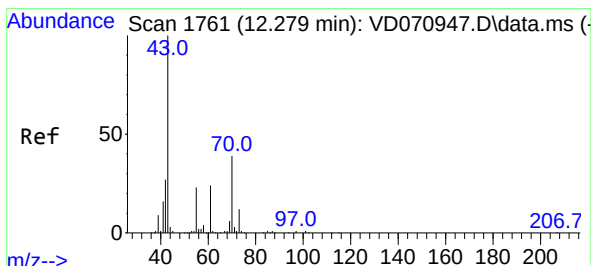
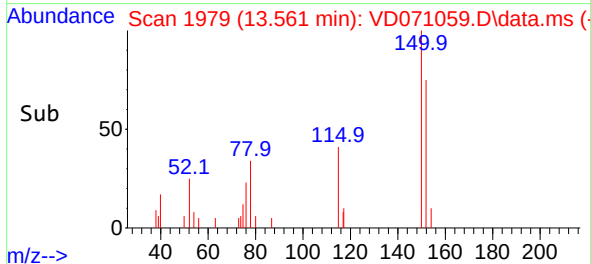
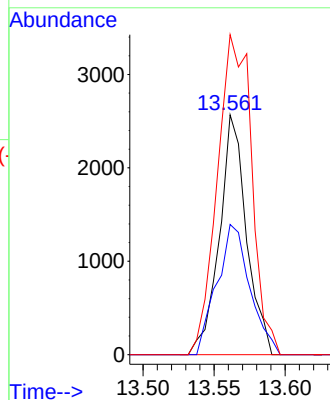
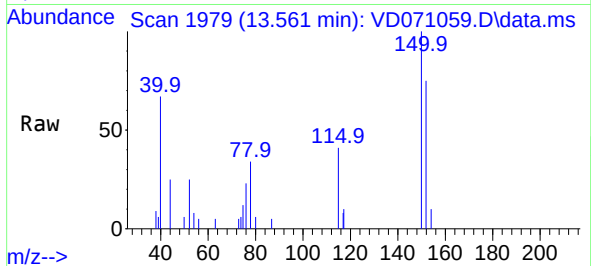




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

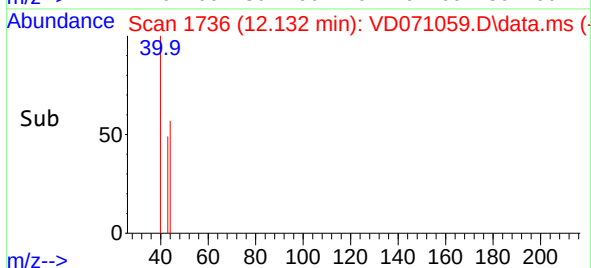
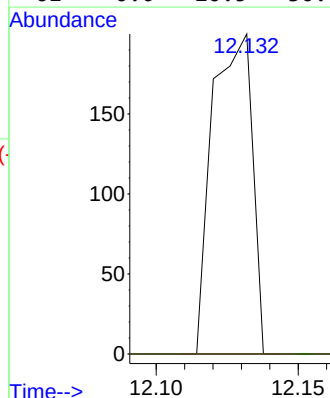
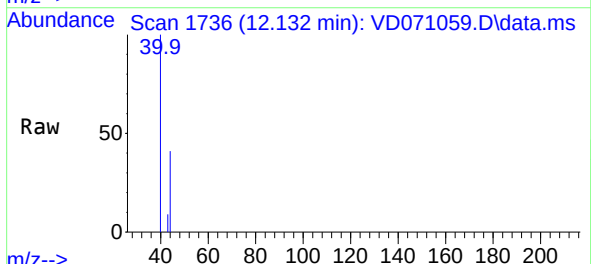
Instrument :
MSVOA_D
ClientSampleId :
TP18

Tgt Ion:152 Resp: 3402
Ion Ratio Lower Upper
152 100
115 66.3 29.8 89.3
150 169.3 0.0 349.2

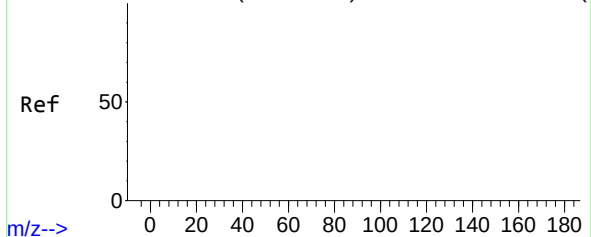


#74
N-ethyl acetate
Concen: 2.785 ug/l
RT: 12.132 min Scan# 1736
Delta R.T. -0.147 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

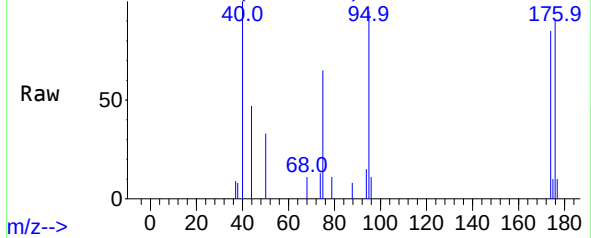
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#



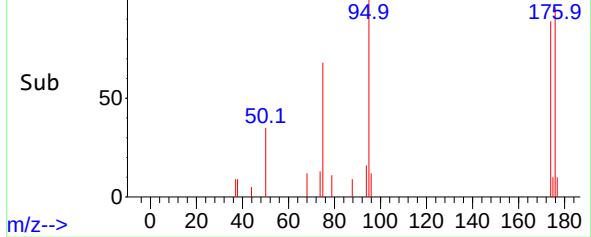
Abundance Scan 1847 (12.785 min): VD070947.D\data.ms (-



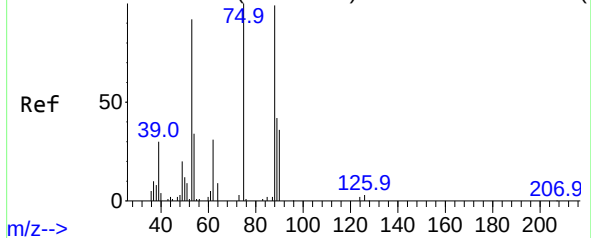
Abundance Scan 1820 (12.626 min): VD071059.D\data.ms (-



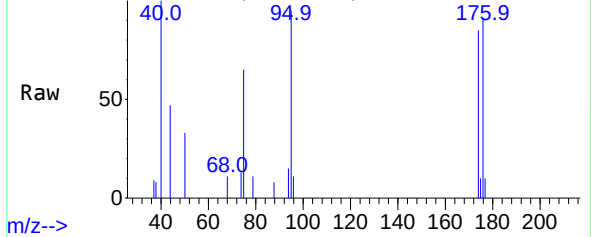
Abundance Scan 1820 (12.626 min): VD071059.D\data.ms (-



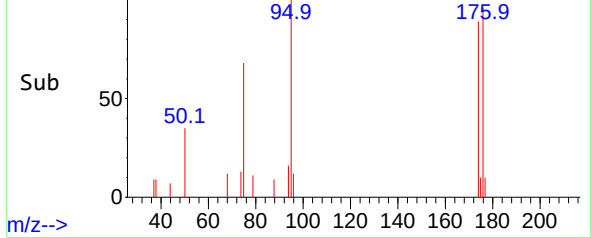
Abundance Scan 1801 (12.514 min): VD070947.D\data.ms (-



Abundance Scan 1820 (12.626 min): VD071059.D\data.ms (-



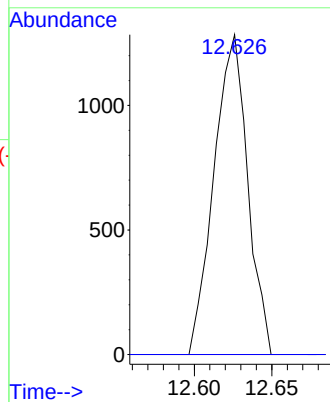
Abundance Scan 1820 (12.626 min): VD071059.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 66.655 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

Instrument :
MSVOA_D
ClientSampleId :
TP18

Tgt Ion: 75 Resp: 1937
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.139 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD071059.D
Acq: 19 Nov 2021 16:25

Tgt Ion: 75 Resp: 1937
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

