

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071662.D
 Acq On : 10 Jan 2022 17:28
 Operator : VA/SY
 Sample : N1076-13RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 11 04:09:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

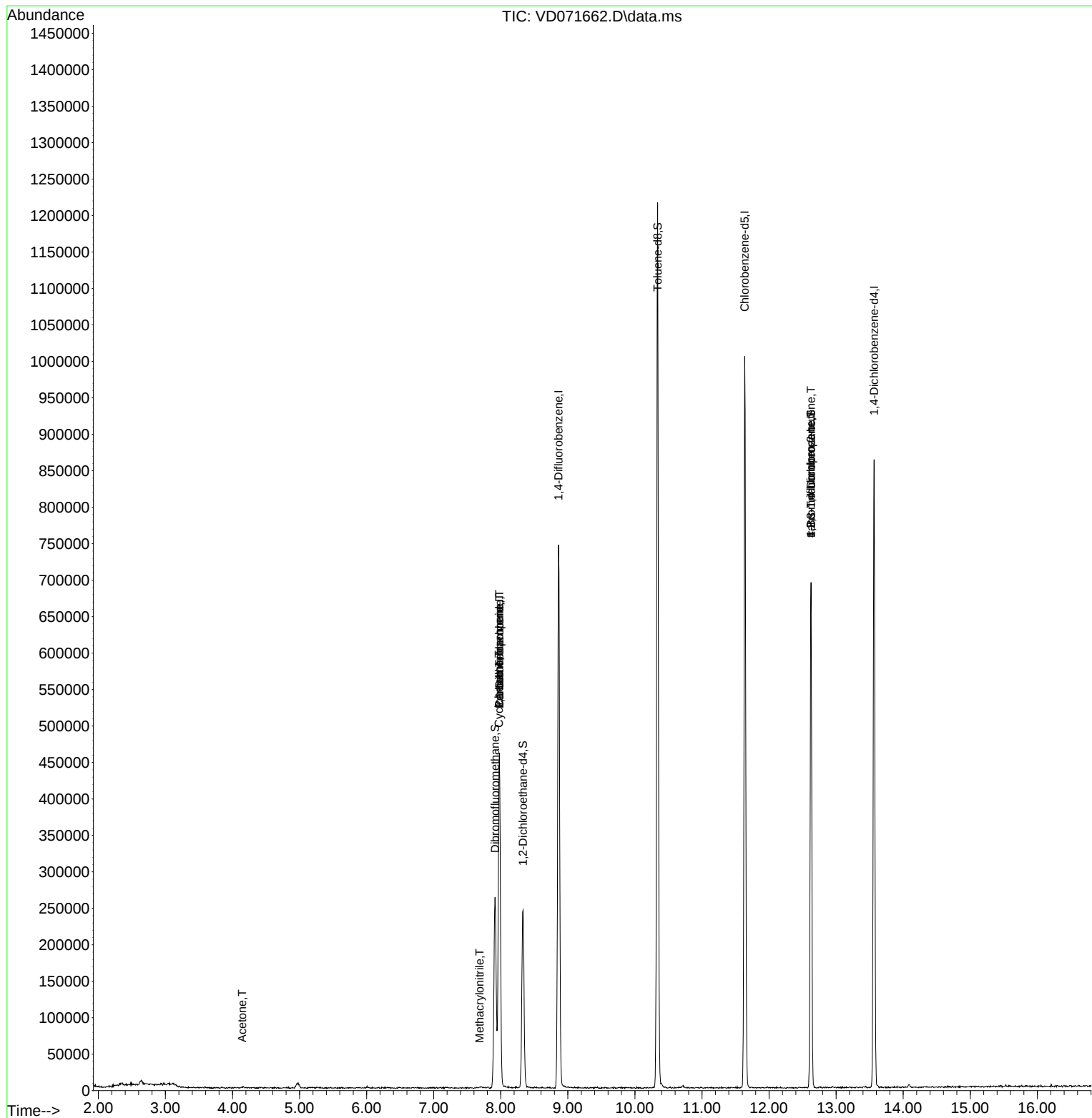
Internal Standards						
1) Pentafluorobenzene	7.979	168	311842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	588099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	509773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	200867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	202383	50.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.880%	
35) Dibromofluoromethane	7.914	113	182595	46.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.960%	
50) Toluene-d8	10.338	98	746050	51.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.626	95	212845	41.518	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.040%	
Target Compounds						
						Qvalue
3) Chloromethane	2.209	50	531	Below Cal	#	83
5) Bromomethane	2.797	94	953	Below Cal	#	77
11) Tert butyl alcohol	5.197	59	61	Below Cal	#	75
16) Acetone	4.144	43	999	1.078	ug/l #	84
18) Methyl Acetate	4.732	43	55	Below Cal	#	56
20) Methylene Chloride	4.967	84	4436	Below Cal	#	79
31) Cyclohexane	7.973	56	10080	2.124	ug/l #	25
36) 1,1-Dichloropropene	7.979	75	31688	5.716	ug/l #	51
38) Carbon Tetrachloride	7.979	117	34693	6.179	ug/l #	17
41) Methacrylonitrile	7.685	41	176	1.239	ug/l #	43
76) 1,2,3-Trichloropropane	12.626	75	122968	63.355	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	122968	176.627	ug/l #	3

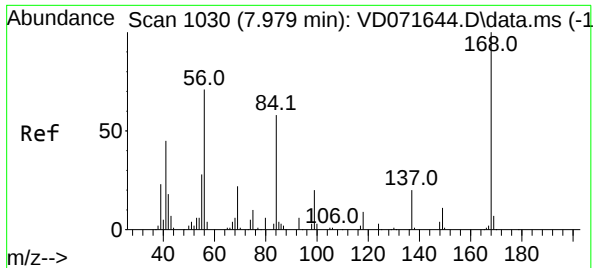
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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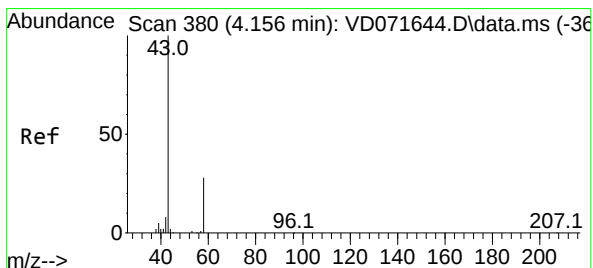
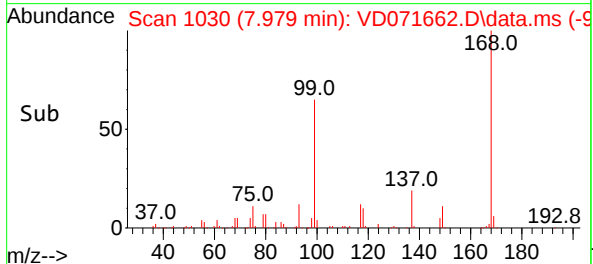
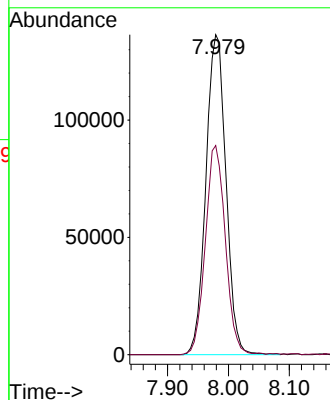
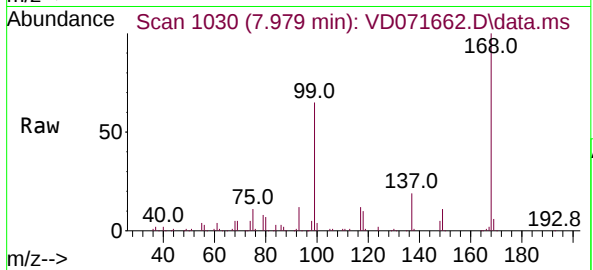




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

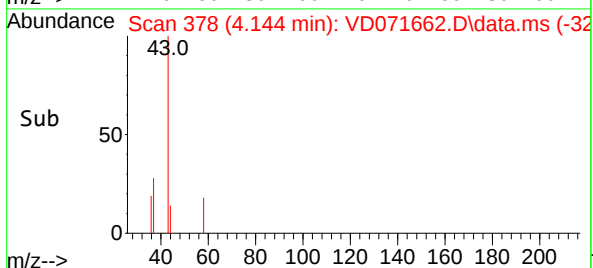
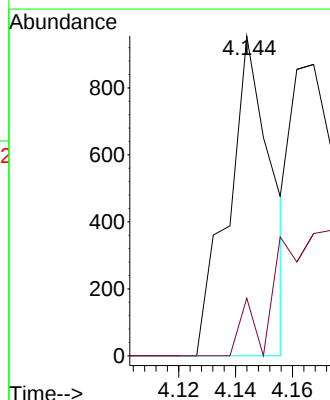
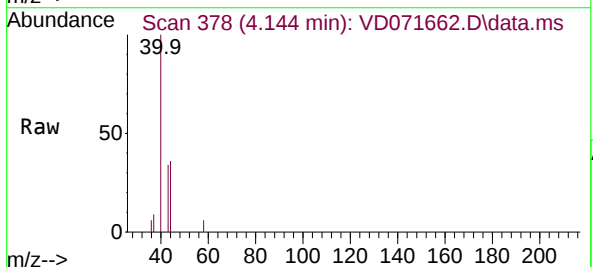
Instrument :
MSVOA_D
ClientSampleId :

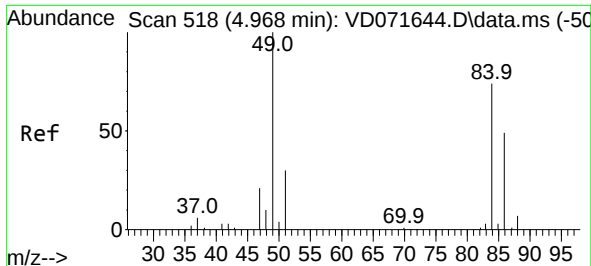
Tgt Ion:168 Resp: 311842
Ion Ratio Lower Upper
168 100
99 65.3 51.8 77.6



#16
Acetone
Concen: 1.078 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.011 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

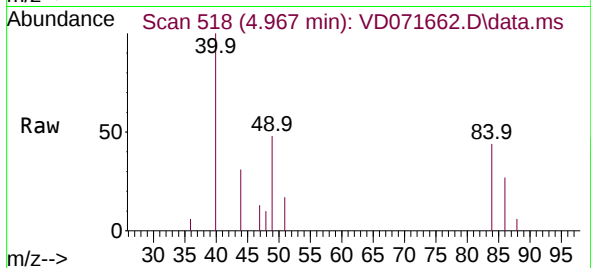
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 18.0 21.0 31.6#



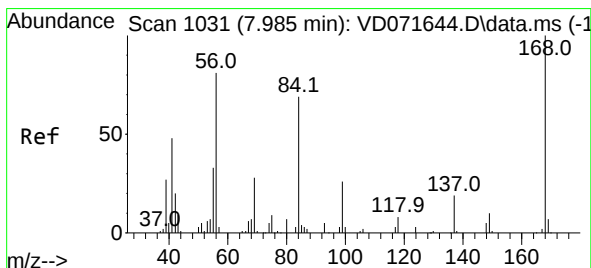
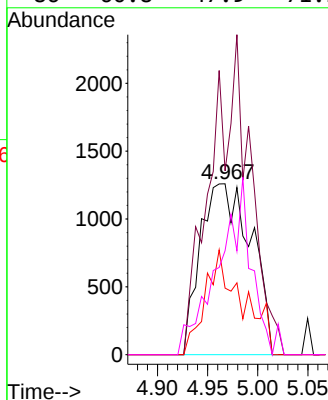
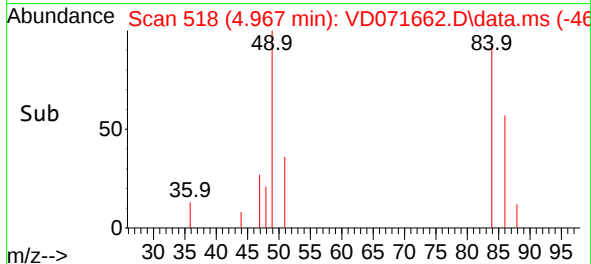


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

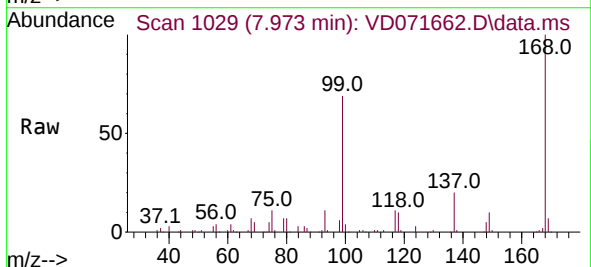
Instrument :
MSVOA_D
ClientSampleId :



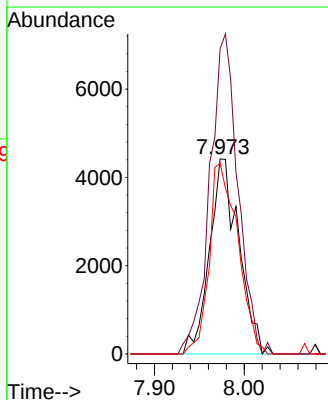
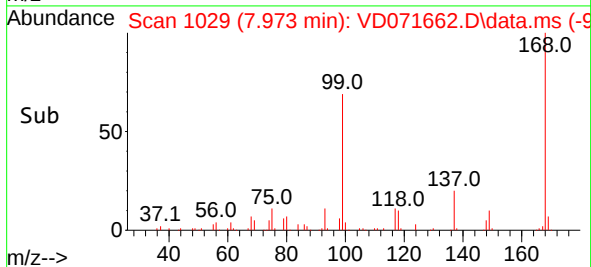
Tgt Ion: 84 Resp: 4436
Ion Ratio Lower Upper
84 100
49 107.5 118.6 178.0#
51 38.9 37.8 56.6
86 60.8 47.9 71.9

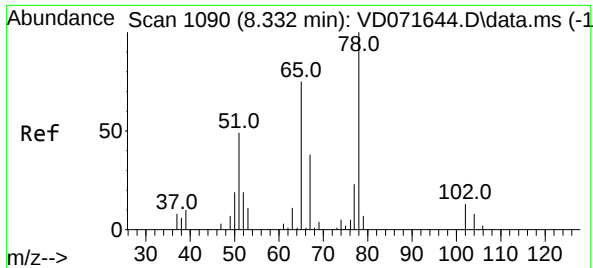


#31
Cyclohexane
Concen: 2.124 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28



Tgt Ion: 56 Resp: 10080
Ion Ratio Lower Upper
56 100
69 156.5 21.7 32.5#
84 97.7 65.7 98.5





#33

1,2-Dichloroethane-d4

Concen: 50.438 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071662.D

Acq: 10 Jan 2022 17:28

Instrument :

MSVOA_D

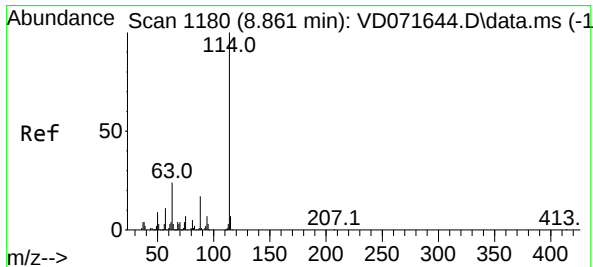
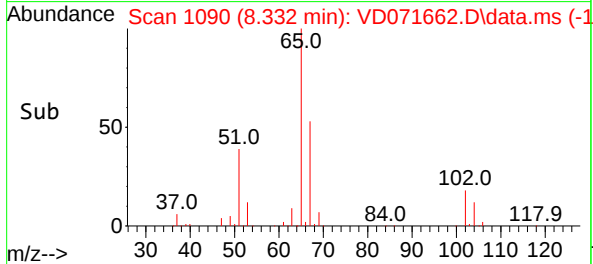
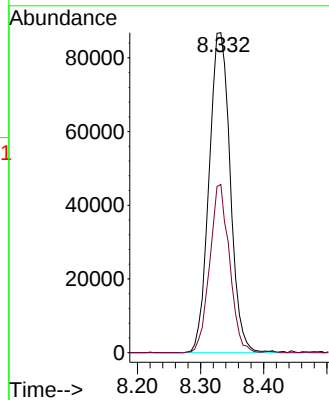
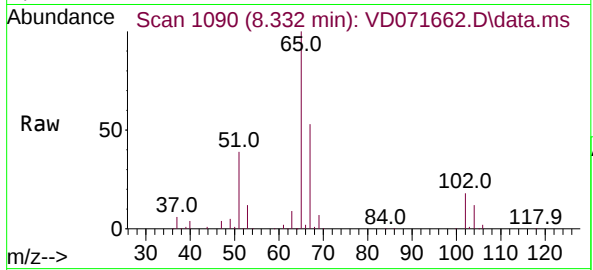
ClientSampleId :

Tgt Ion: 65 Resp: 202383

Ion Ratio Lower Upper

65 100

67 49.1 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071662.D

Acq: 10 Jan 2022 17:28

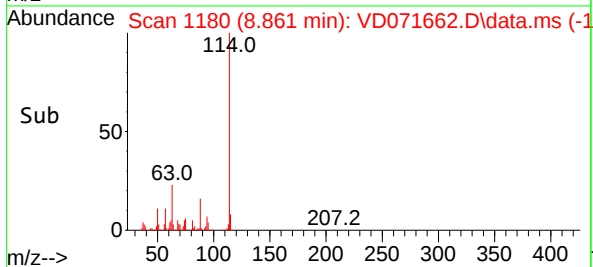
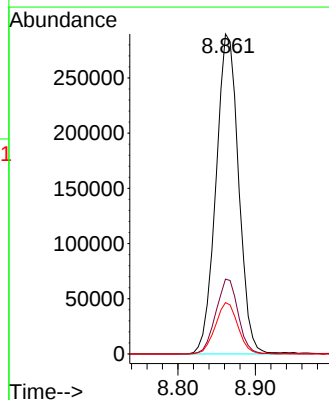
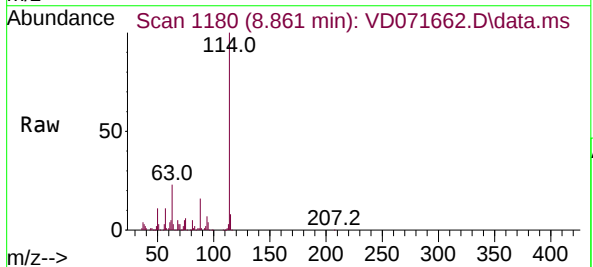
Tgt Ion: 114 Resp: 588099

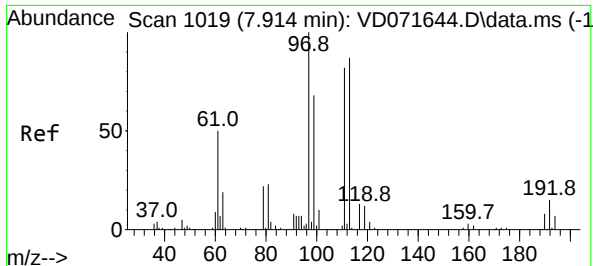
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.2

88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.981 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

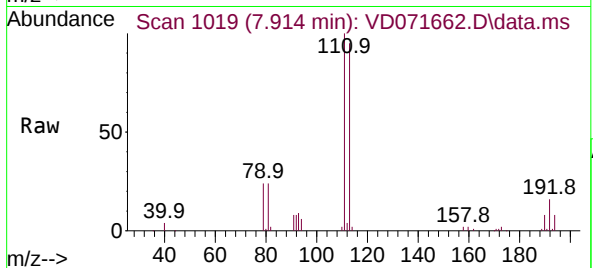
Lab File: VD071662.D

Acq: 10 Jan 2022 17:28

Instrument :

MSVOA_D

ClientSampleId :



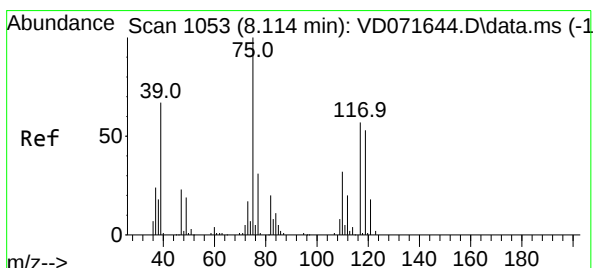
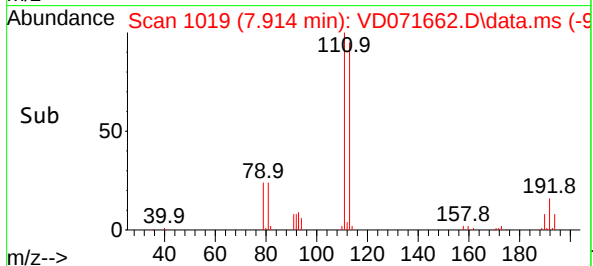
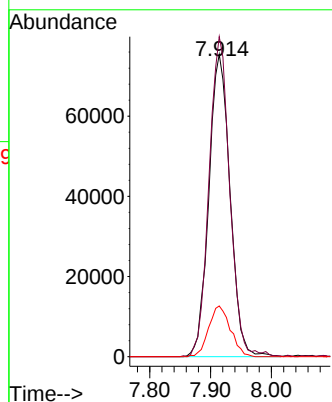
Tgt Ion:113 Resp: 182595

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.2 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.716 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071662.D

Acq: 10 Jan 2022 17:28

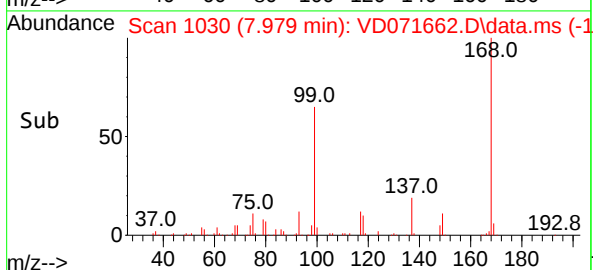
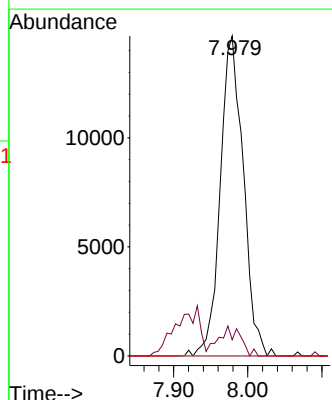
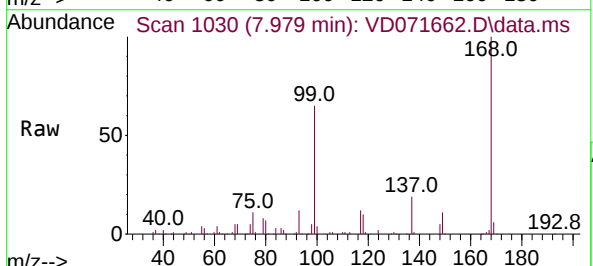
Tgt Ion: 75 Resp: 31688

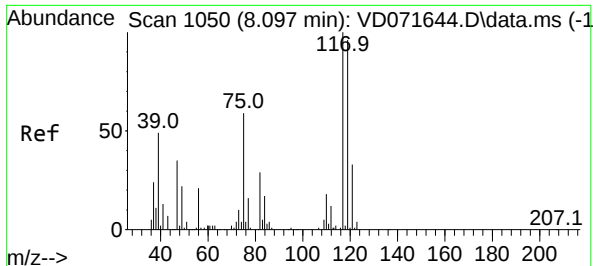
Ion Ratio Lower Upper

75 100

110 8.1 16.0 48.0#

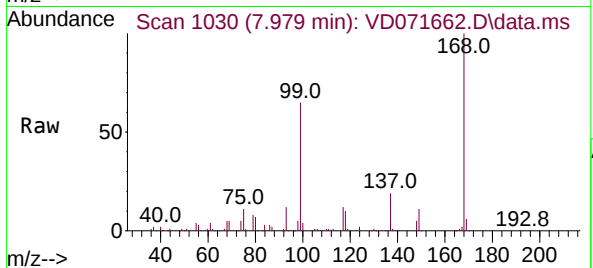
77 0.0 24.5 36.7#



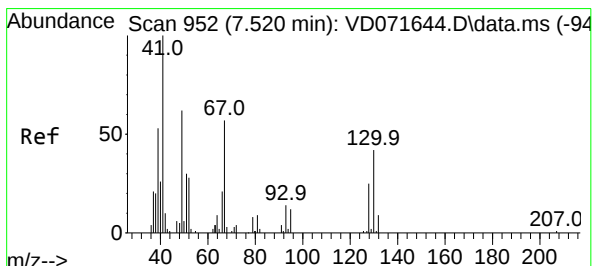
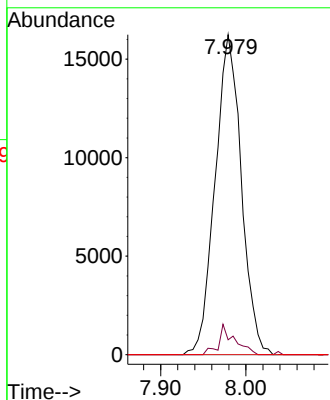
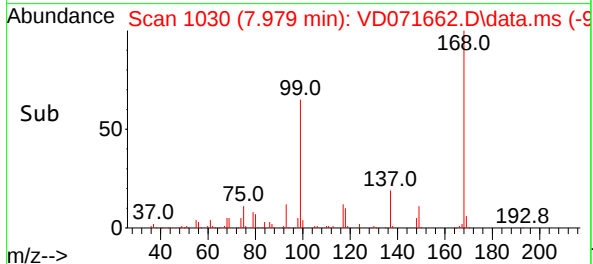


#38
Carbon Tetrachloride
Concen: 6.179 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.117 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

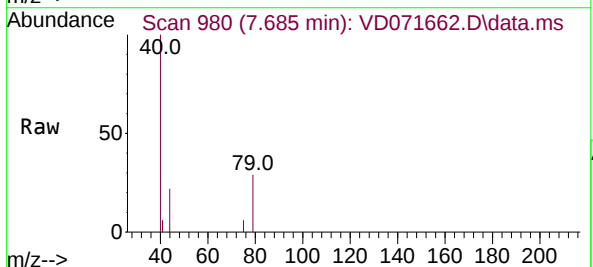
Instrument :
MSVOA_D
ClientSampleId :



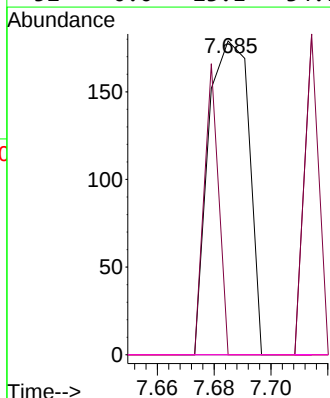
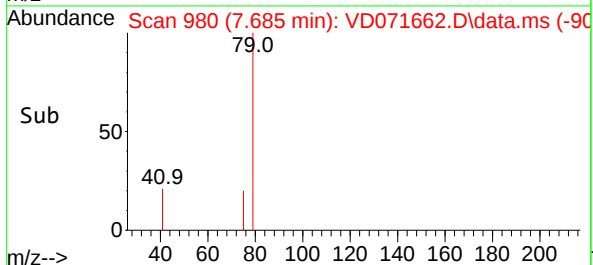
Tgt Ion:117 Resp: 34693
Ion Ratio Lower Upper
117 100
119 4.7 73.4 110.2#
121 0.0 23.9 35.9#

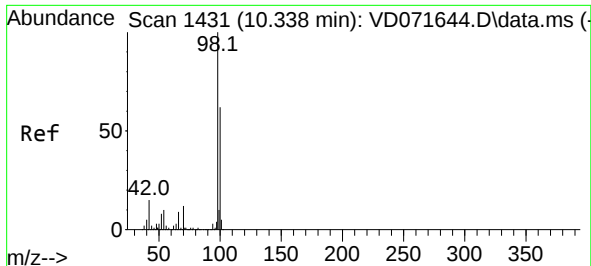


#41
Methacrylonitrile
Concen: 1.239 ug/l
RT: 7.685 min Scan# 980
Delta R.T. 0.165 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28



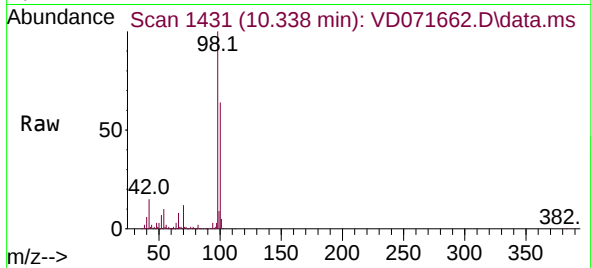
Tgt Ion: 41 Resp: 176
Ion Ratio Lower Upper
41 100
39 33.5 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#



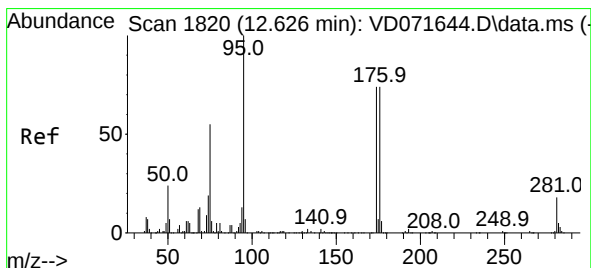
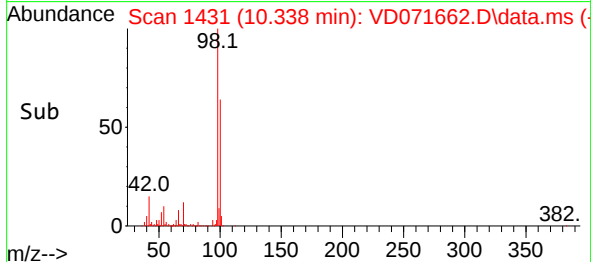
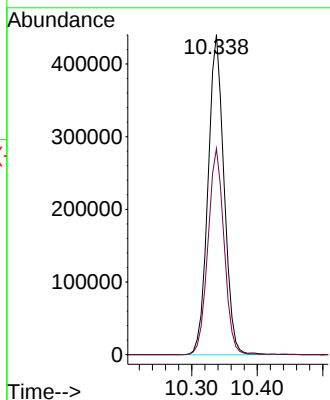


#50
Toluene-d8
Concen: 51.279 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

Instrument :
MSVOA_D
ClientSampleId :

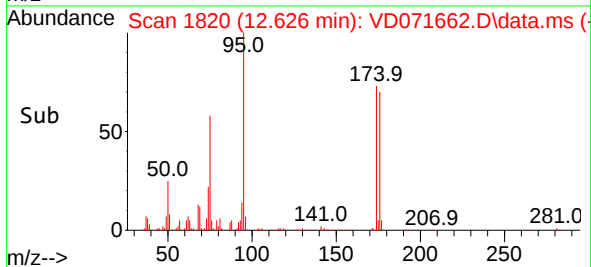
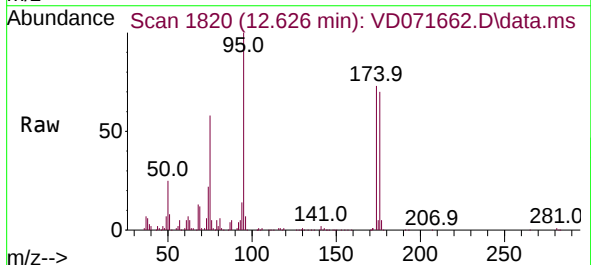
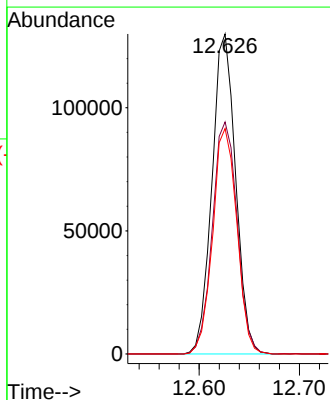


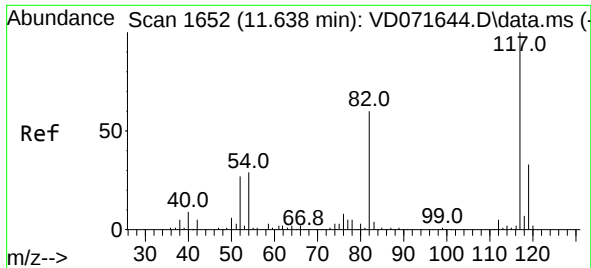
Tgt Ion: 98 Resp: 746050
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.518 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

Tgt Ion: 95 Resp: 212845
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.0
176 72.0 0.0 146.4

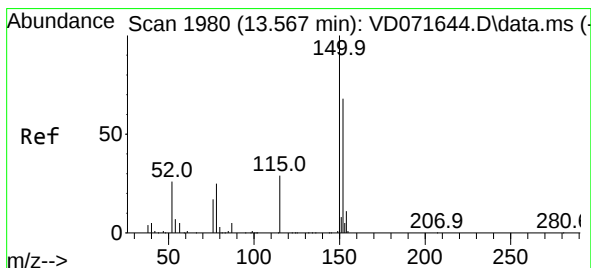
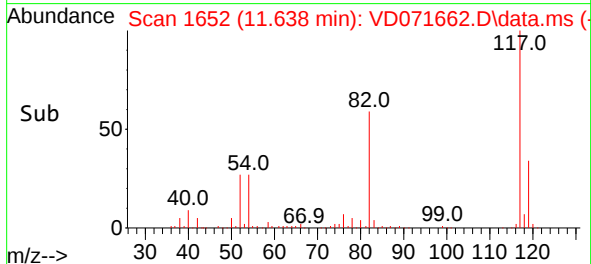
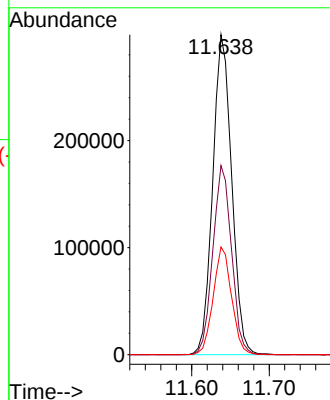
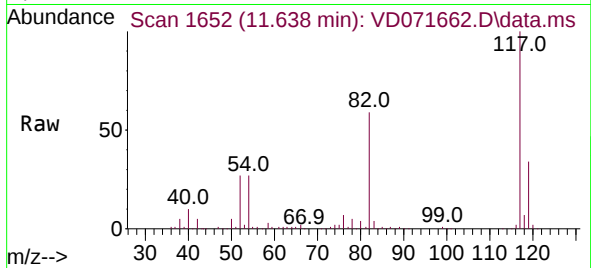




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

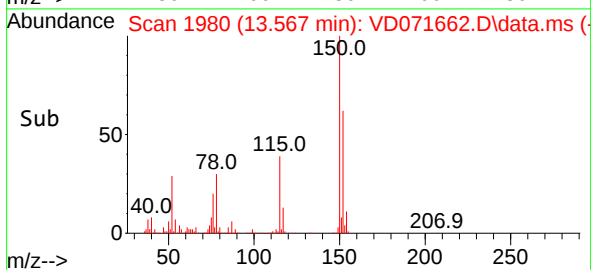
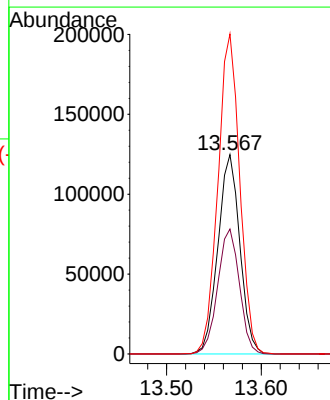
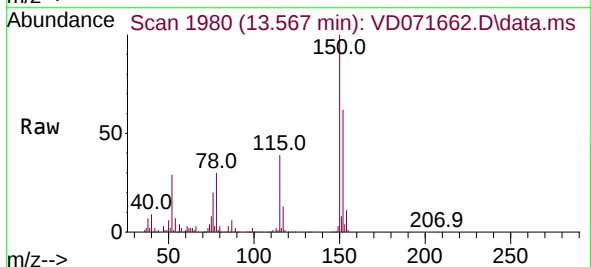
Instrument :
MSVOA_D
ClientSampleId :

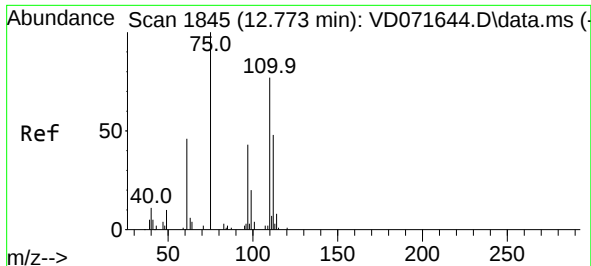
Tgt Ion:117 Resp: 509773
Ion Ratio Lower Upper
117 100
82 59.1 46.9 70.3
119 33.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

Tgt Ion:152 Resp: 200867
Ion Ratio Lower Upper
152 100
115 62.1 31.5 94.5
150 159.3 0.0 348.0

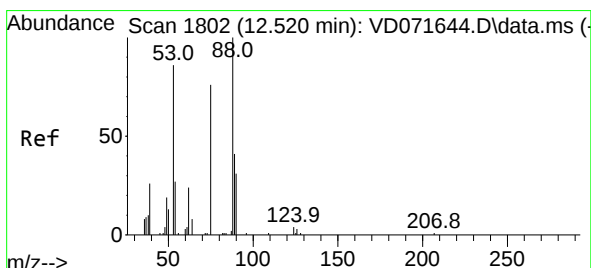
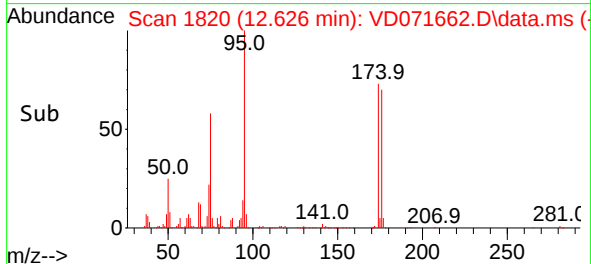
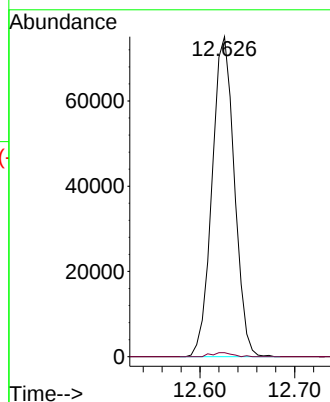
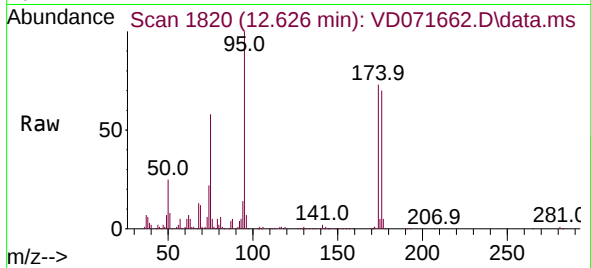




#76
1,2,3-Trichloropropane
Concen: 63.355 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 122968
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 176.627 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071662.D
Acq: 10 Jan 2022 17:28

Tgt Ion: 75 Resp: 122968
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.0 37.2 55.8#

