

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
 Data File : VD071672.D
 Acq On : 11 Jan 2022 13:42
 Operator : VA/SY
 Sample : N1018-06RE
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FM-E3-02-4.5

Quant Time: Jan 12 04:27:15 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)

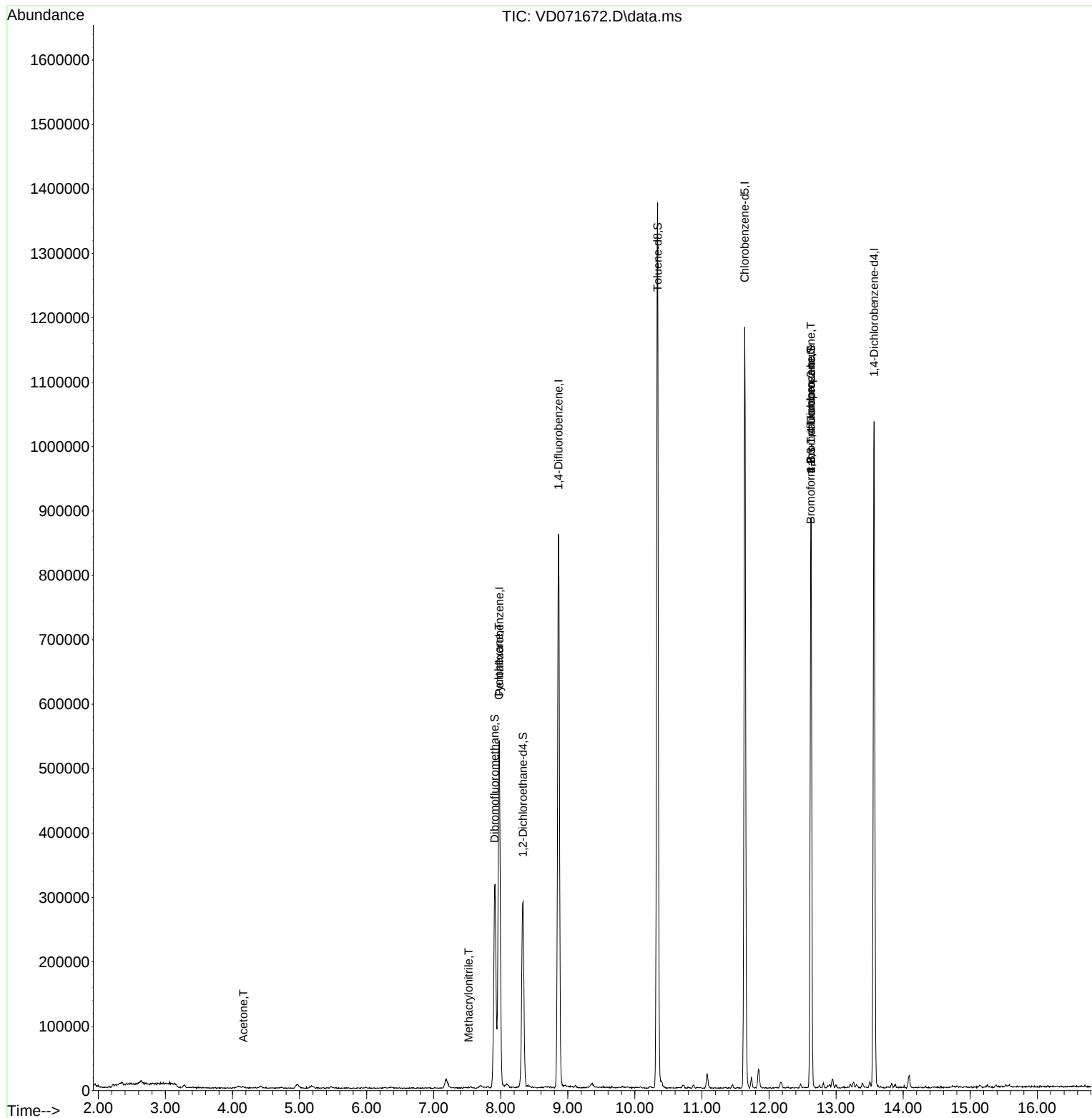
Internal Standards						
1) Pentafluorobenzene	7.979	168	368181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	681945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	605213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	247153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	234912	49.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.180%
35) Dibromofluoromethane	7.909	113	218280	48.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.338	98	876827	51.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.940%
62) 4-Bromofluorobenzene	12.626	95	257038	43.238	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	1441	Below Cal		94
3) Chloromethane	2.215	50	1382	Below Cal	#	31
5) Bromomethane	2.791	94	1220	Below Cal		94
11) Tert butyl alcohol	5.179	59	2160	Below Cal	#	75
16) Acetone	4.162	43	5392	4.930 ug/l	#	84
18) Methyl Acetate	4.715	43	220	Below Cal	#	56
20) Methylene Chloride	4.962	84	4446	Below Cal	#	69
31) Cyclohexane	7.973	56	12087	2.152 ug/l	#	23
41) Methacrylonitrile	7.520	41	54	1.159 ug/l	#	25
71) Bromoform	12.620	173	2763	1.289 ug/l	#	1
76) 1,2,3-Trichloropropane	12.626	75	153031	64.078 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.626	75	153031	178.643 ug/l	#	3

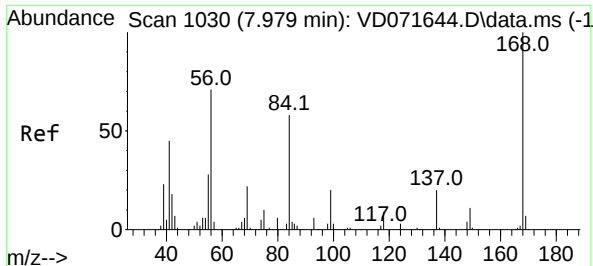
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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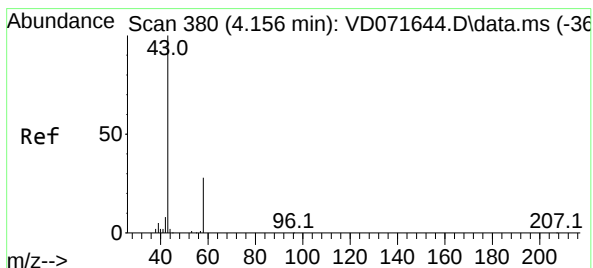
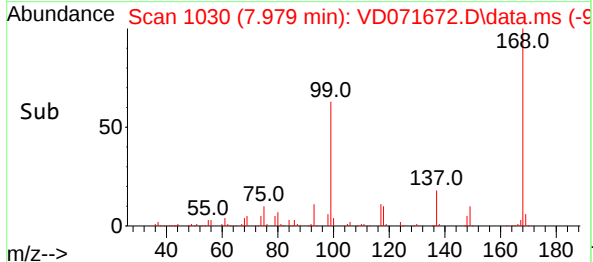
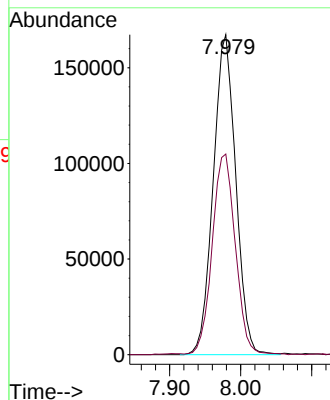
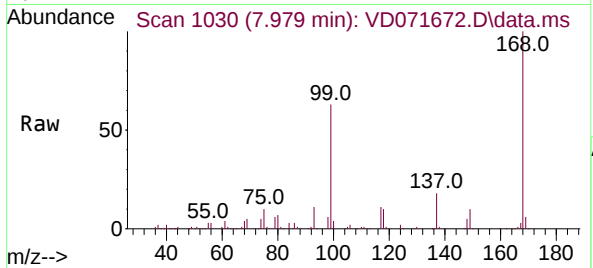




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071672.D
Acq: 11 Jan 2022 13:42

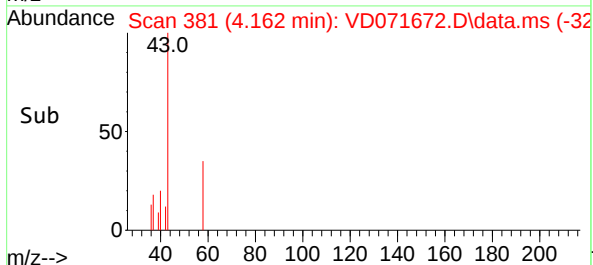
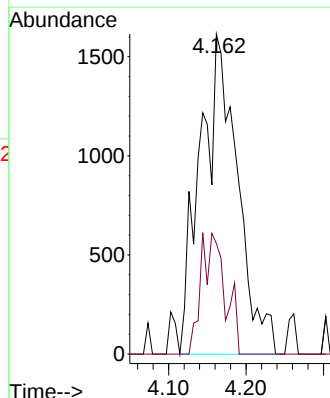
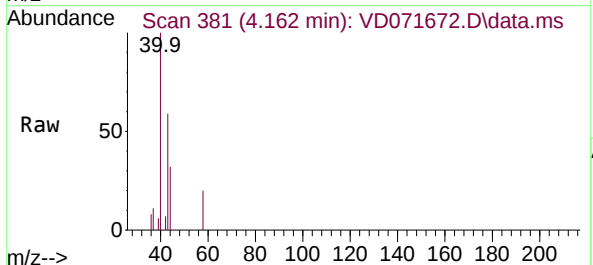
Instrument :
MSVOA_D
ClientSampleId :
FM-E3-02-4.5

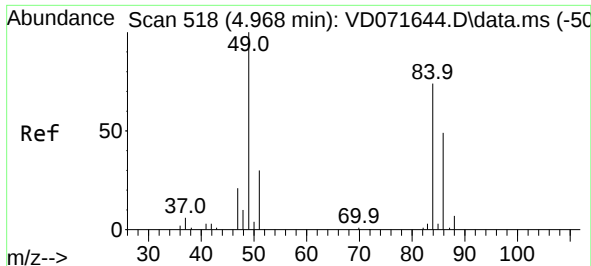
Tgt Ion:168 Resp: 368181
Ion Ratio Lower Upper
168 100
99 62.4 51.8 77.6



#16
Acetone
Concen: 4.930 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071672.D
Acq: 11 Jan 2022 13:42

Tgt Ion: 43 Resp: 5392
Ion Ratio Lower Upper
43 100
58 34.6 21.0 31.6#

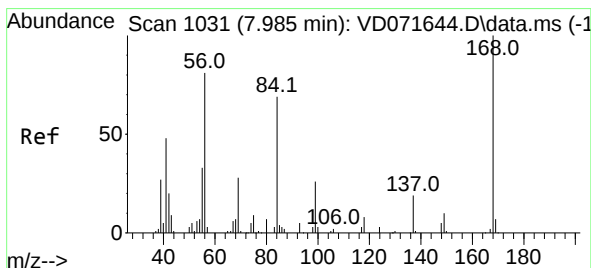
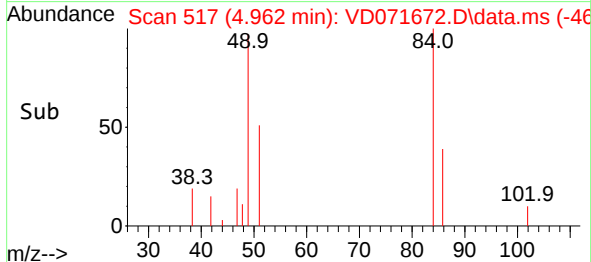
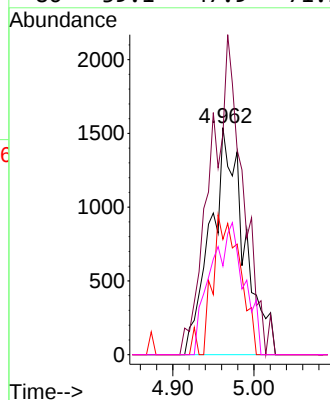
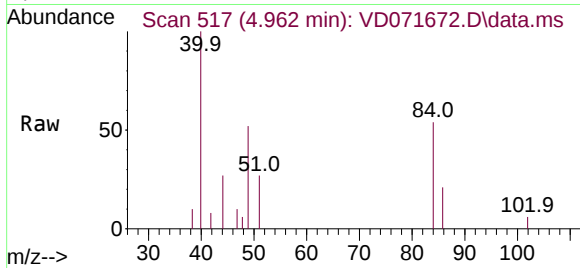




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD071672.D
Acq: 11 Jan 2022 13:42

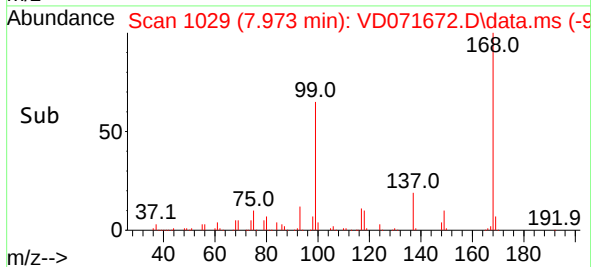
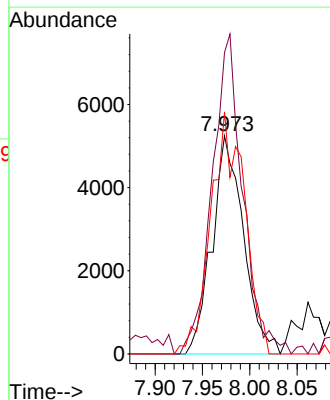
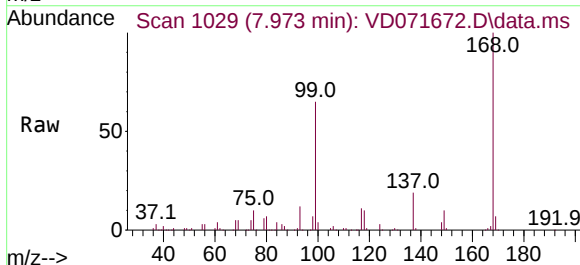
Instrument :
MSVOA_D
ClientSampleId :
FM-E3-02-4.5

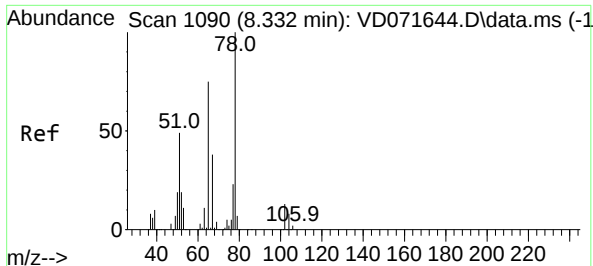
Tgt Ion:	84	Resp:	4446
Ion	Ratio	Lower	Upper
84	100		
49	96.9	118.6	178.0#
51	50.8	37.8	56.6
86	39.1	47.9	71.9#



#31
Cyclohexane
Concen: 2.152 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071672.D
Acq: 11 Jan 2022 13:42

Tgt Ion:	56	Resp:	12087
Ion	Ratio	Lower	Upper
56	100		
69	138.3	21.7	32.5#
84	111.0	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 49.586 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD071672.D

Acq: 11 Jan 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

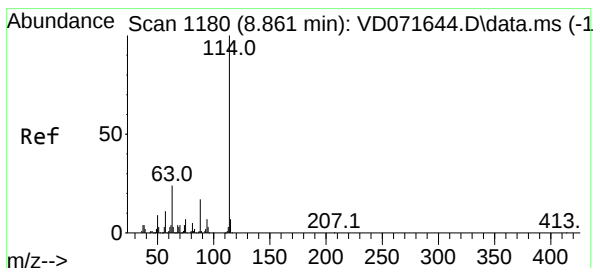
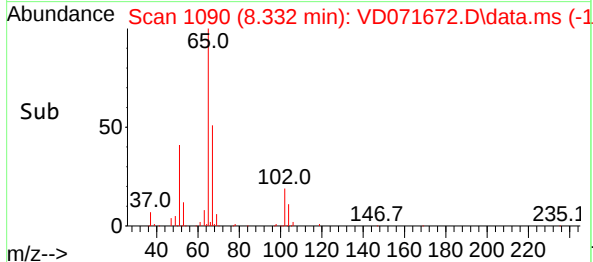
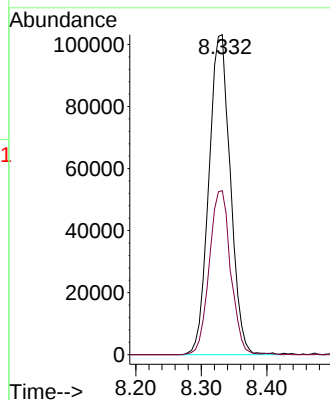
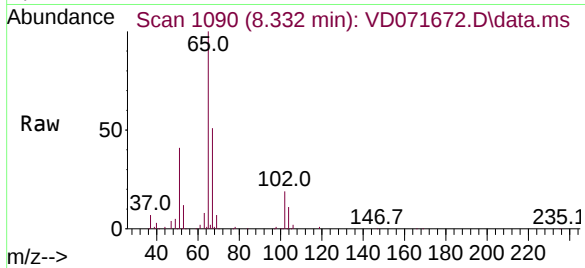
FM-E3-02-4.5

Tgt Ion: 65 Resp: 234912

Ion Ratio Lower Upper

65 100

67 50.9 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: VD071672.D

Acq: 11 Jan 2022 13:42

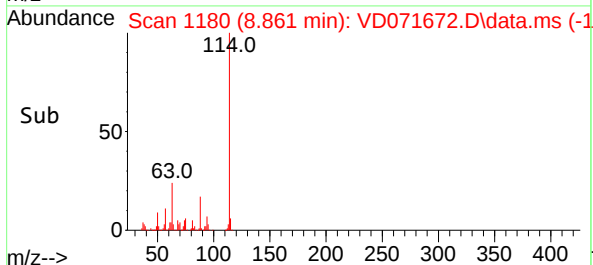
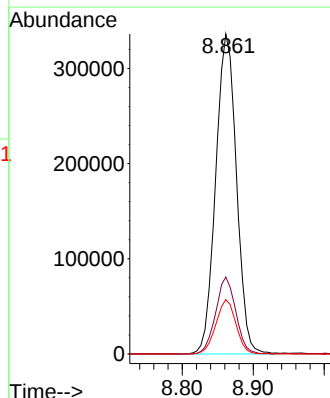
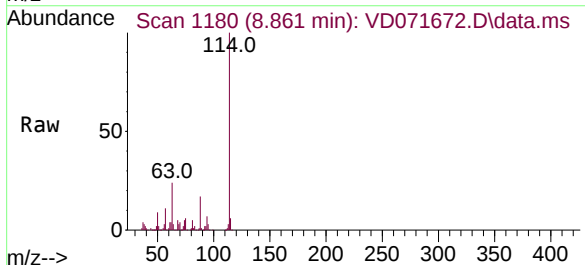
Tgt Ion: 114 Resp: 681945

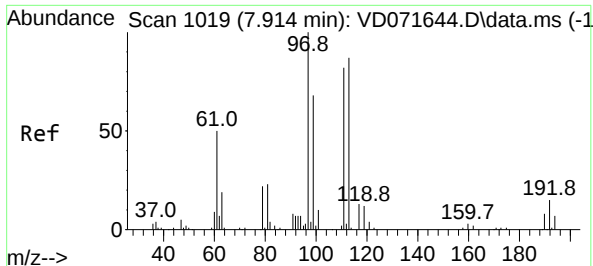
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.2

88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.433 ug/l

RT: 7.909 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD071672.D

Acq: 11 Jan 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

FM-E3-02-4.5

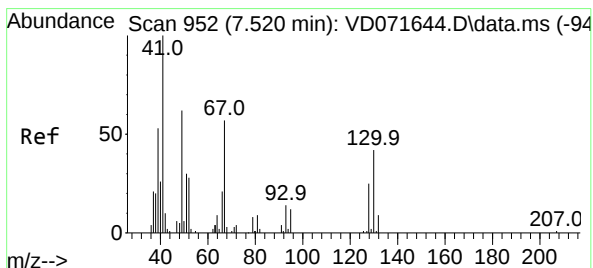
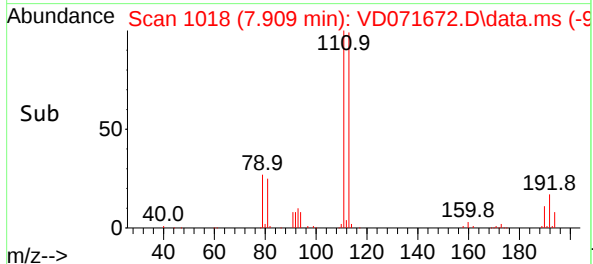
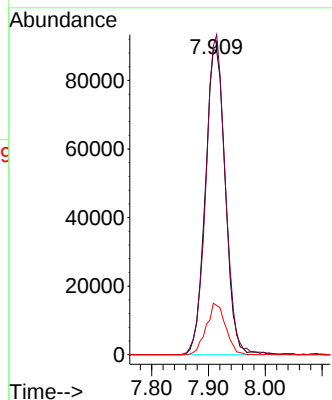
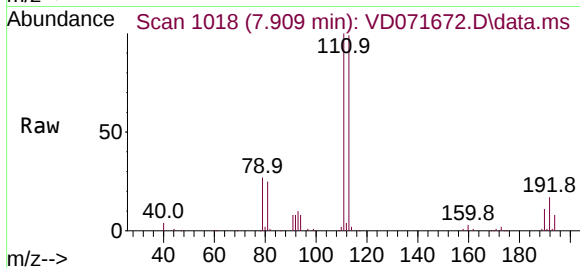
Tgt Ion:113 Resp: 218280

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 16.2 14.2 21.2



#41

Methacrylonitrile

Concen: 1.159 ug/l

RT: 7.520 min Scan# 952

Delta R.T. 0.000 min

Lab File: VD071672.D

Acq: 11 Jan 2022 13:42

Tgt Ion: 41 Resp: 54

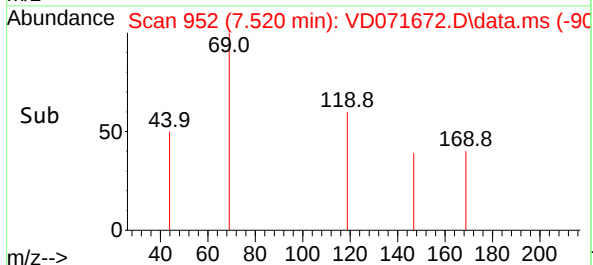
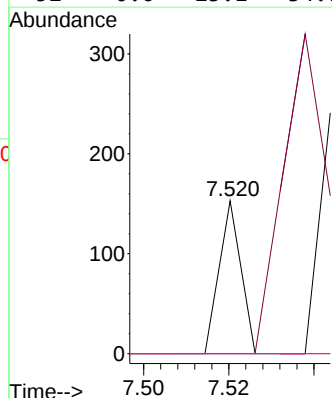
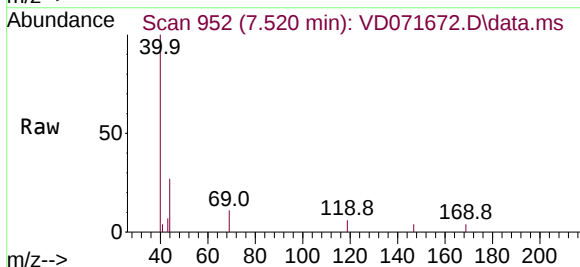
Ion Ratio Lower Upper

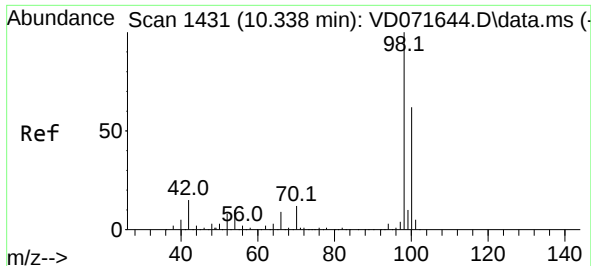
41 100

39 0.0 46.9 70.3#

67 0.0 49.3 73.9#

52 0.0 23.1 34.7#

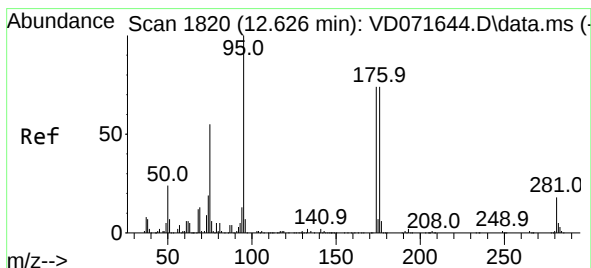
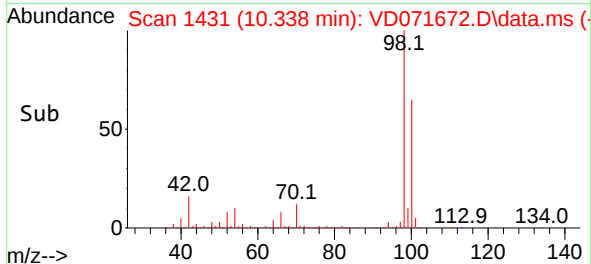
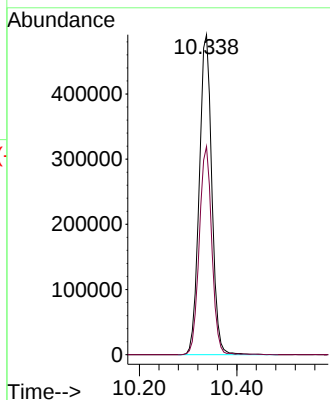
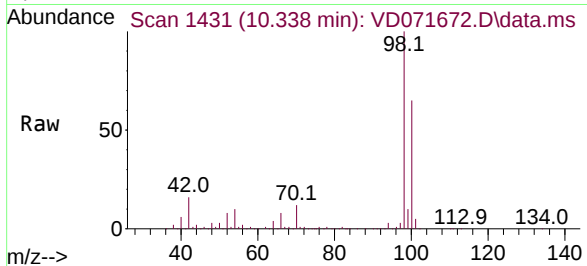




#50
Toluene-d8
Concen: 51.974 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071672.D
Acq: 11 Jan 2022 13:42

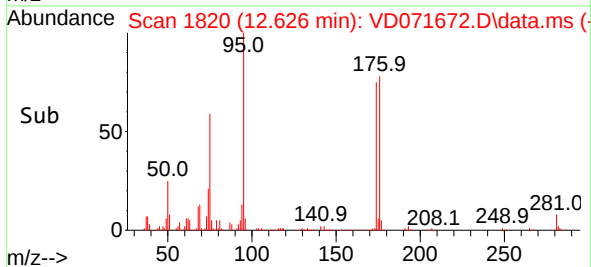
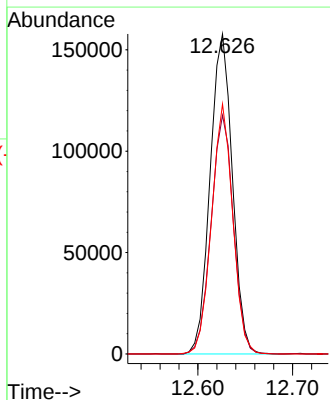
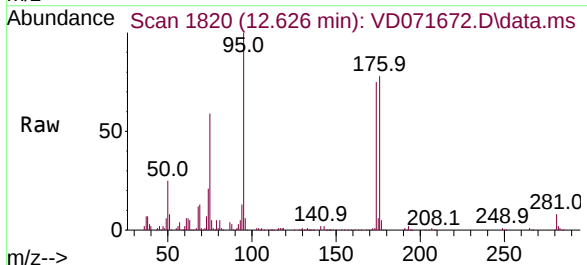
Instrument :
MSVOA_D
ClientSampleId :
FM-E3-02-4.5

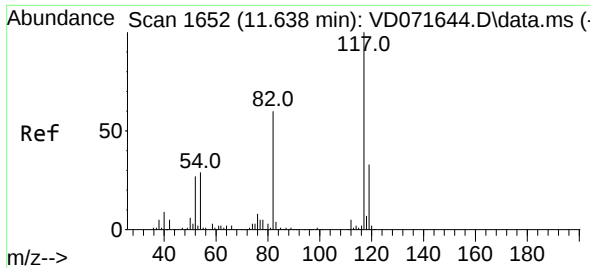
Tgt Ion: 98 Resp: 876827
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.238 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071672.D
Acq: 11 Jan 2022 13:42

Tgt Ion: 95 Resp: 257038
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.0
176 74.6 0.0 146.4

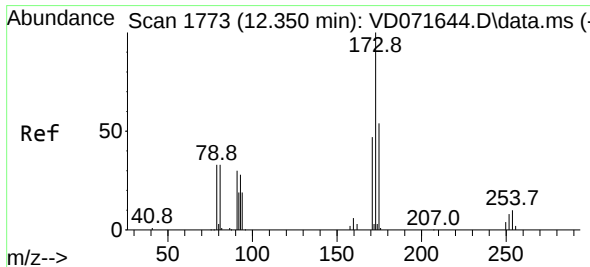
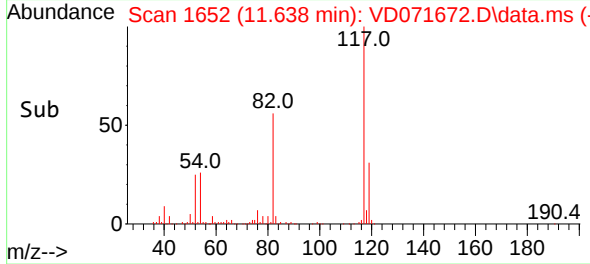
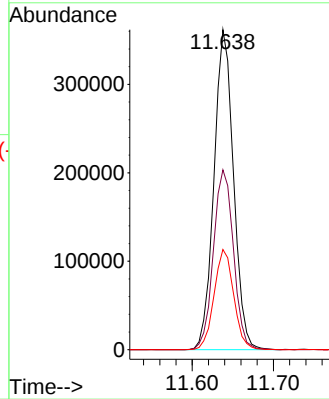
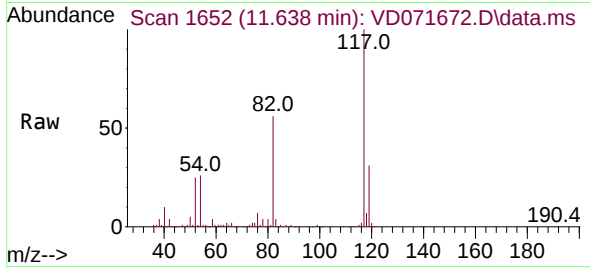




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD071672.D
Acq: 11 Jan 2022 13:42

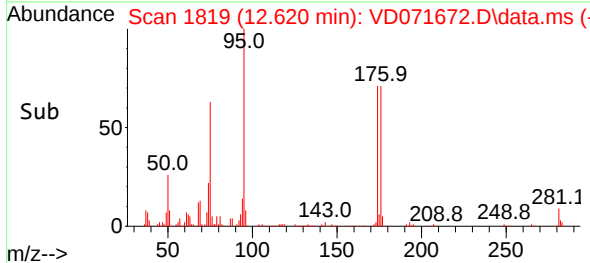
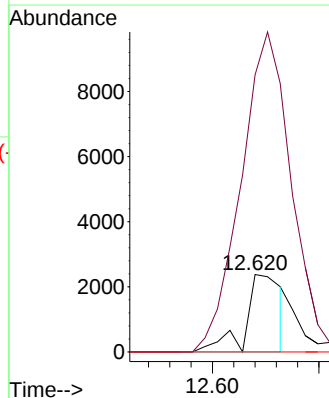
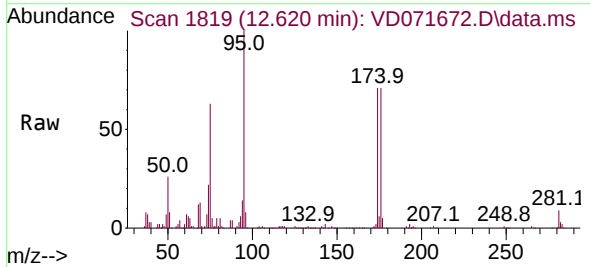
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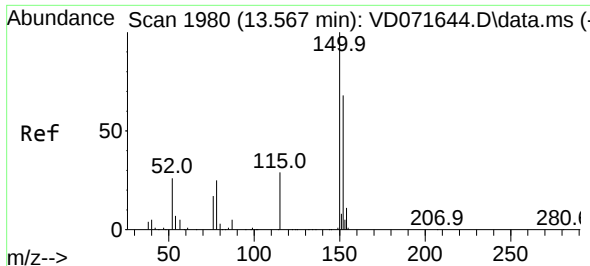
Tgt Ion:117 Resp: 605213
Ion Ratio Lower Upper
117 100
82 56.2 46.9 70.3
119 31.3 26.6 39.8



#71
Bromoform
Concen: 1.289 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071672.D
Acq: 11 Jan 2022 13:42

Tgt Ion:173 Resp: 2763
Ion Ratio Lower Upper
173 100
175 472.6 24.4 73.2#
254 0.0 0.1 0.1#

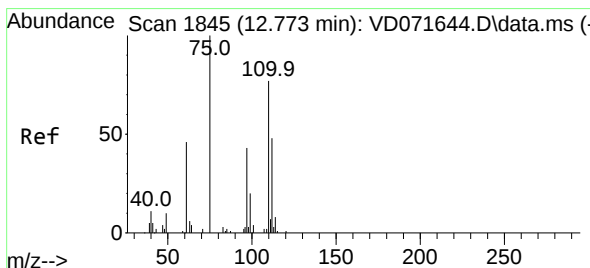
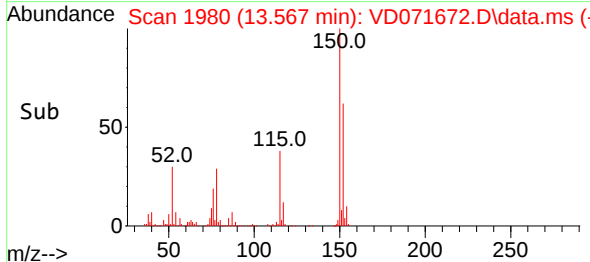
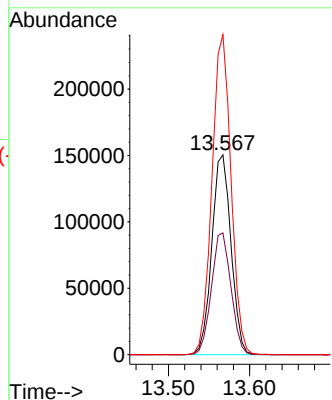
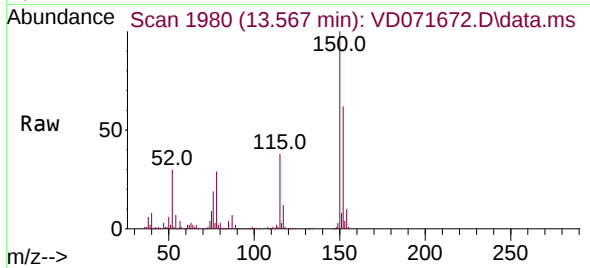




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071672.D
 Acq: 11 Jan 2022 13:42

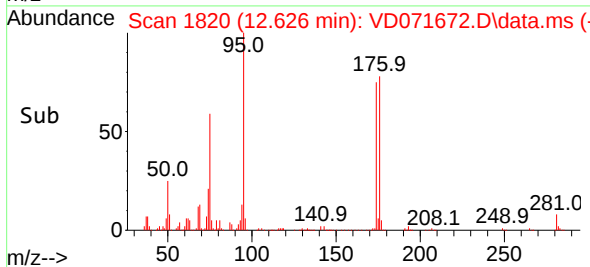
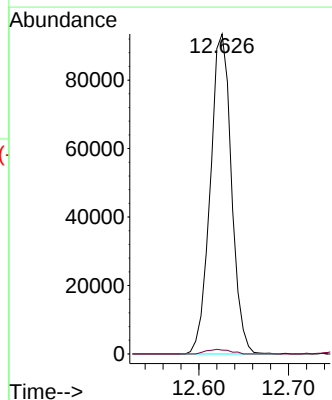
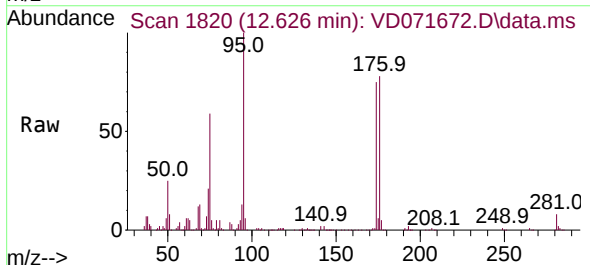
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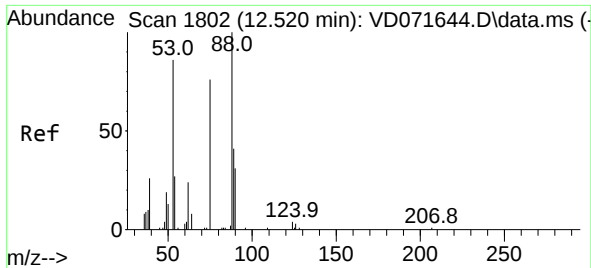
Tgt Ion:152 Resp: 247153
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.5 94.5
 150 158.8 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 64.078 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071672.D
 Acq: 11 Jan 2022 13:42

Tgt Ion: 75 Resp: 153031
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 178.643 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071672.D
 Acq: 11 Jan 2022 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 FM-E3-02-4.5

Tgt Ion: 75 Resp: 153031
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.4 143.0#
 89 0.1 37.2 55.8#

