

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071750.D
 Acq On : 19 Jan 2022 18:04
 Operator : VA/SY
 Sample : N1189-27
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 20 05:00:24 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)

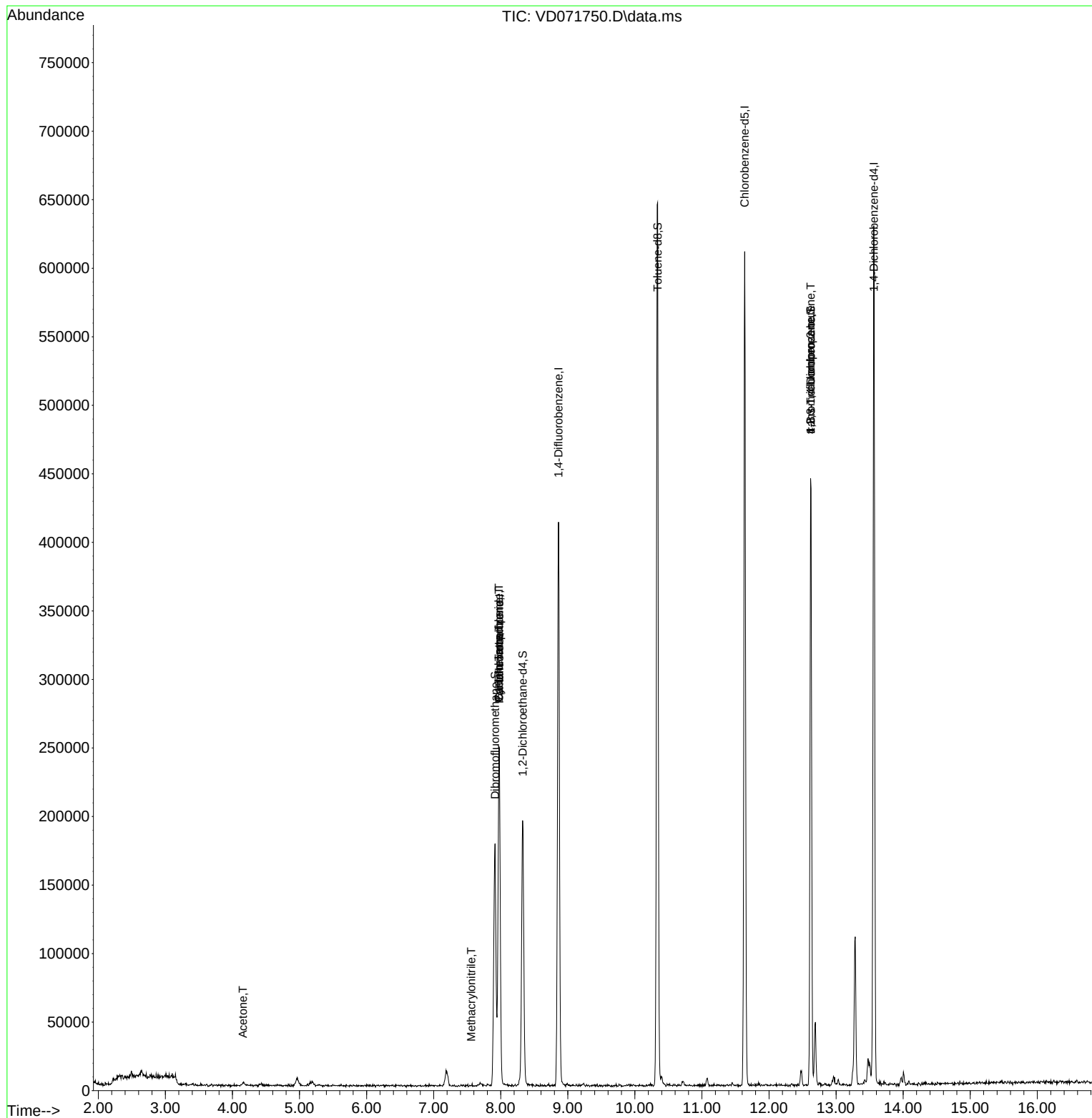
Internal Standards						
1) Pentafluorobenzene	7.979	168	168138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	321498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	311720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	146880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153993	71.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.360%	
35) Dibromofluoromethane	7.914	113	121778	57.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.640%	
50) Toluene-d8	10.338	98	424151	53.329	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.660%	
62) 4-Bromofluorobenzene	12.620	95	137057	48.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.800%	
Target Compounds						
						Qvalue
3) Chloromethane	2.209	50	227	Below Cal	#	11
5) Bromomethane	2.791	94	446	Below Cal		87
11) Tert butyl alcohol	5.203	59	2926	Below Cal	#	80
16) Acetone	4.156	43	2038	4.080	ug/l	94
18) Methyl Acetate	4.715	43	63	Below Cal	#	56
20) Methylene Chloride	4.956	84	1691	Below Cal	#	73
31) Cyclohexane	7.973	56	5356	2.098	ug/l	# 44
36) 1,1-Dichloropropene	7.973	75	16293	5.376	ug/l	# 52
38) Carbon Tetrachloride	7.973	117	18772	6.116	ug/l	# 19
41) Methacrylonitrile	7.562	41	127	1.274	ug/l	# 48
76) 1,2,3-Trichloropropane	12.620	75	81360	57.325	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	81360	159.816	ug/l	# 3

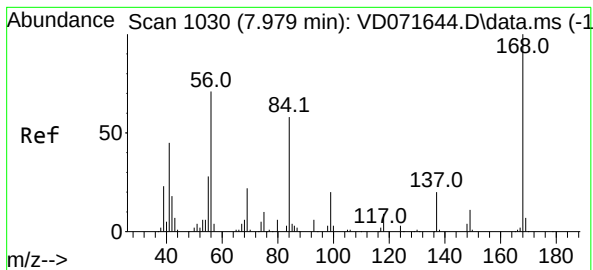
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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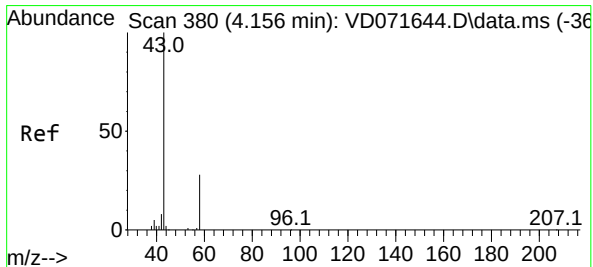
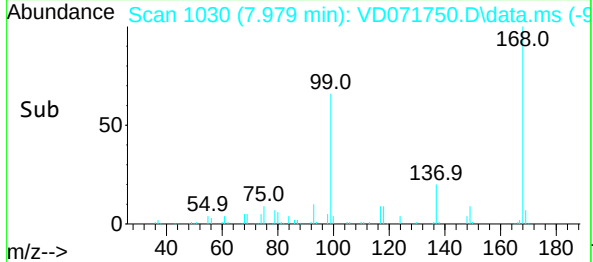
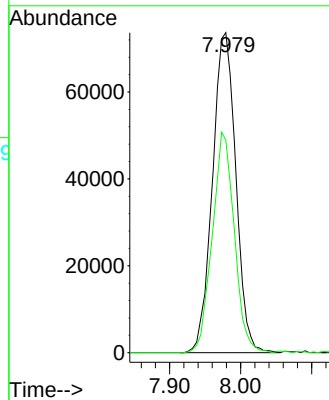
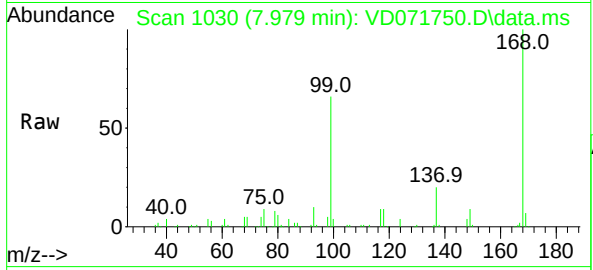




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

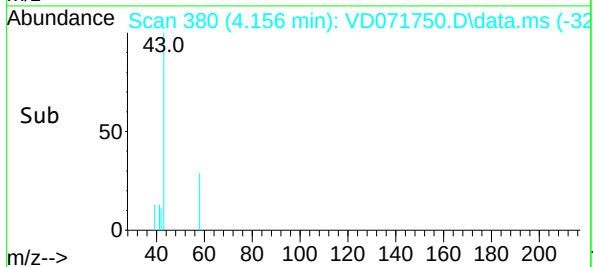
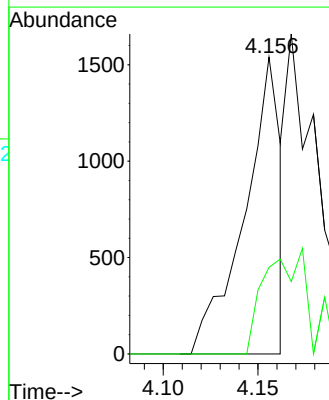
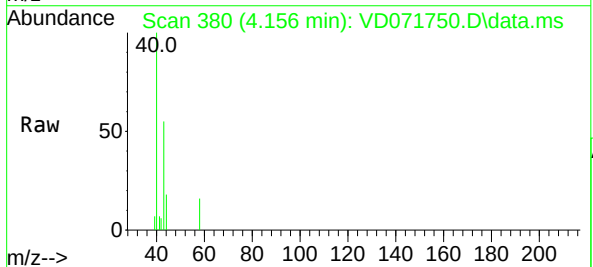
Instrument :
MSVOA_D
ClientSampleId :

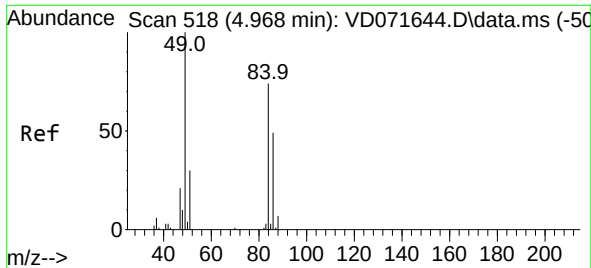
Tgt Ion:168 Resp: 168138
Ion Ratio Lower Upper
168 100
99 66.4 51.8 77.6



#16
Acetone
Concen: 4.080 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

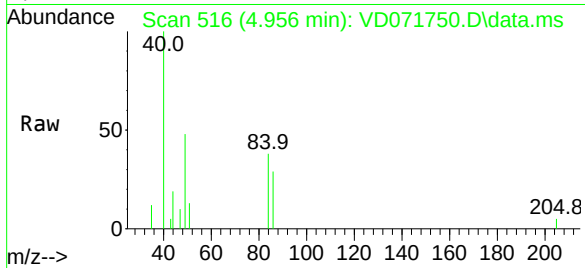
Tgt Ion: 43 Resp: 2038
Ion Ratio Lower Upper
43 100
58 29.2 21.0 31.6



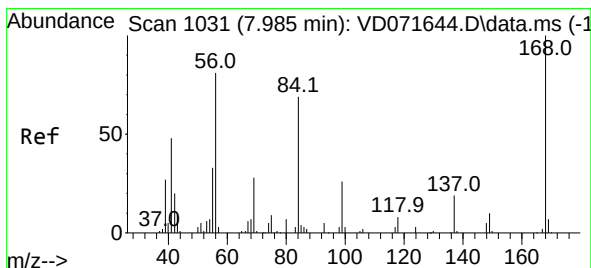
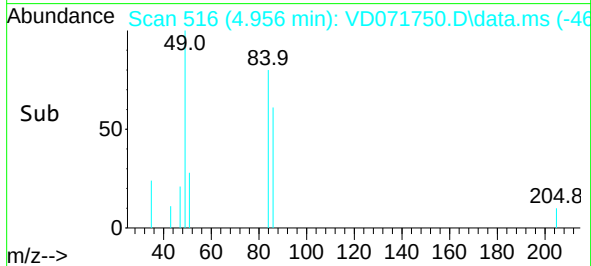
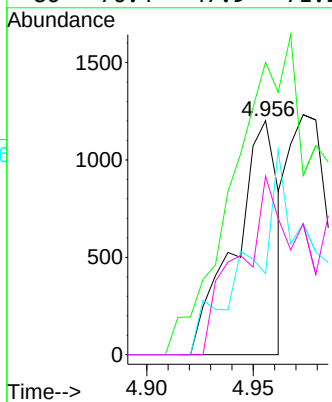


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

Instrument :
MSVOA_D
ClientSampleId :

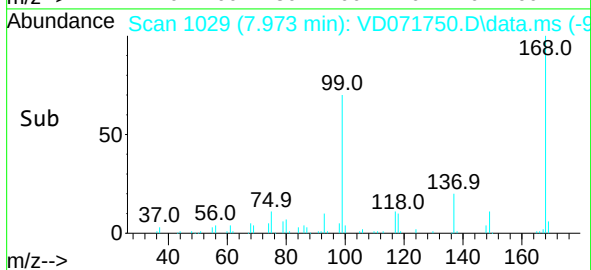
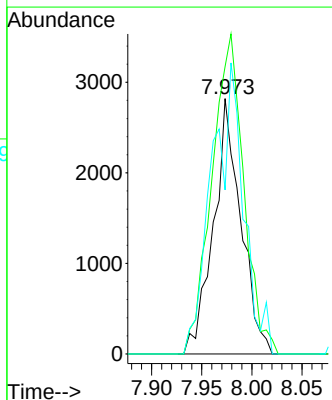
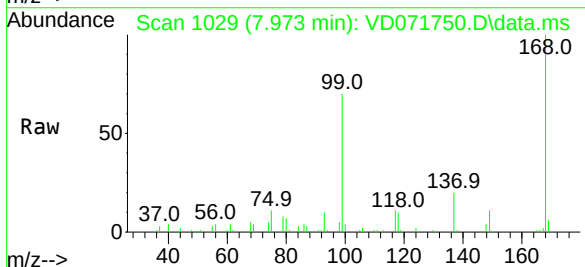


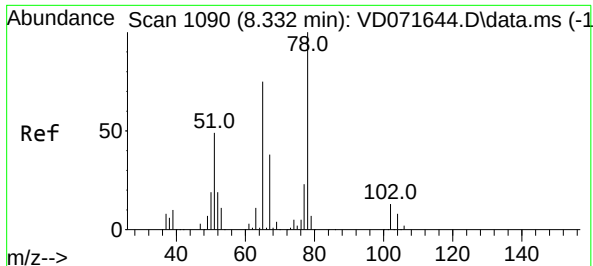
Tgt Ion: 84 Resp: 1691
Ion Ratio Lower Upper
84 100
49 109.1 118.6 178.0#
51 34.7 37.8 56.6#
86 76.4 47.9 71.9#



#31
Cyclohexane
Concen: 2.098 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

Tgt Ion: 56 Resp: 5356
Ion Ratio Lower Upper
56 100
69 112.5 21.7 32.5#
84 64.3 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 71.179 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071750.D

Acq: 19 Jan 2022 18:04

Instrument :

MSVOA_D

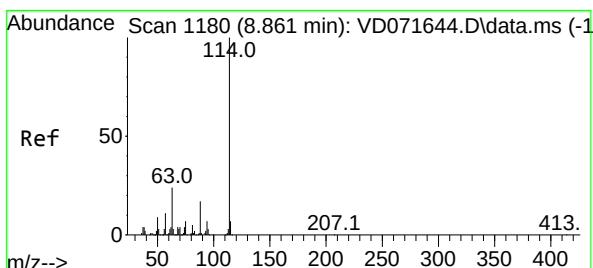
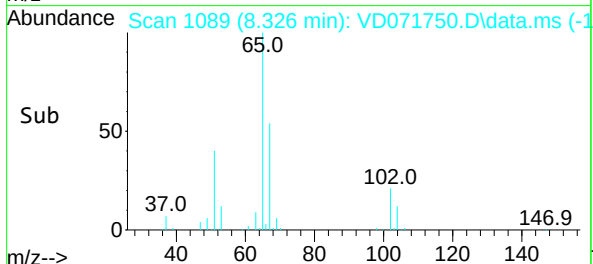
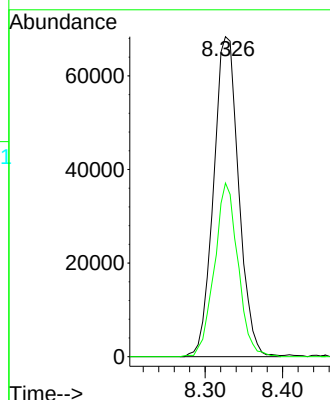
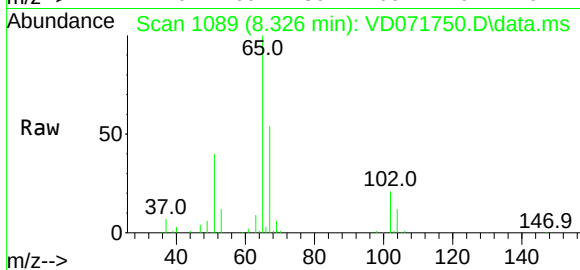
ClientSampleId :

Tgt Ion: 65 Resp: 153993

Ion Ratio Lower Upper

65 100

67 51.0 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: VD071750.D

Acq: 19 Jan 2022 18:04

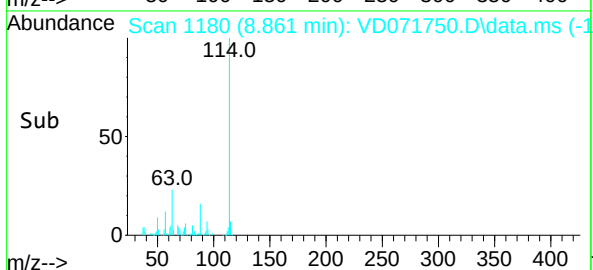
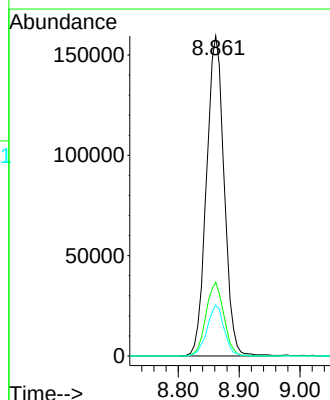
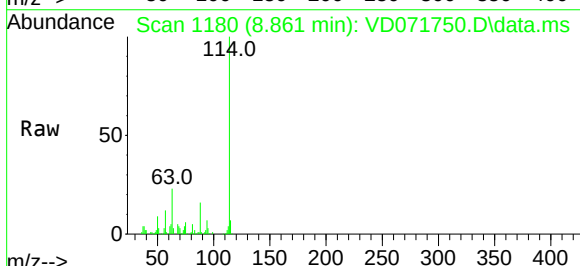
Tgt Ion: 114 Resp: 321498

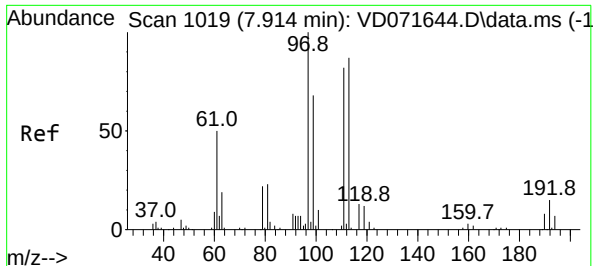
Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.2

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 57.315 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

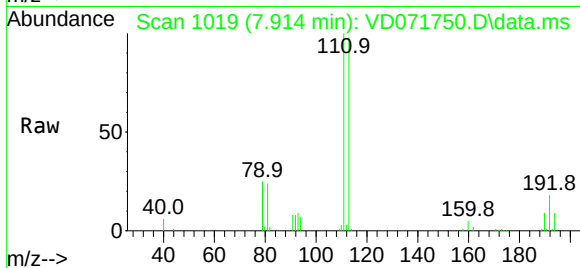
Lab File: VD071750.D

Acq: 19 Jan 2022 18:04

Instrument :

MSVOA_D

ClientSampleId :



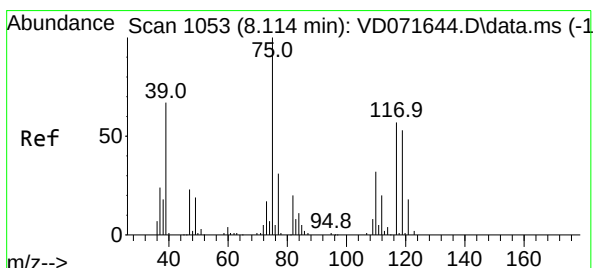
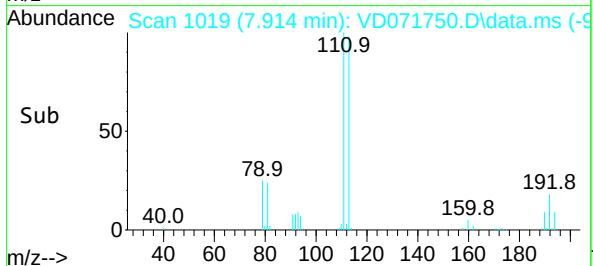
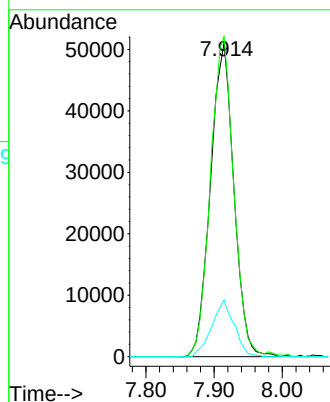
Tgt Ion:113 Resp: 121778

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 17.4 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.376 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071750.D

Acq: 19 Jan 2022 18:04

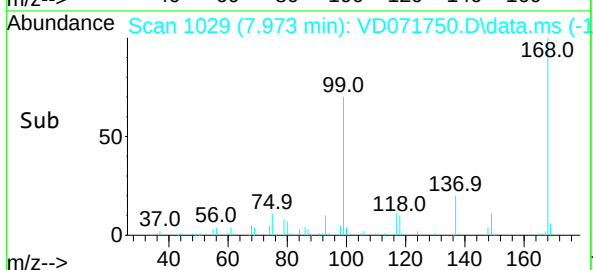
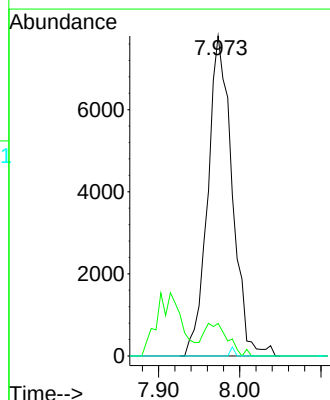
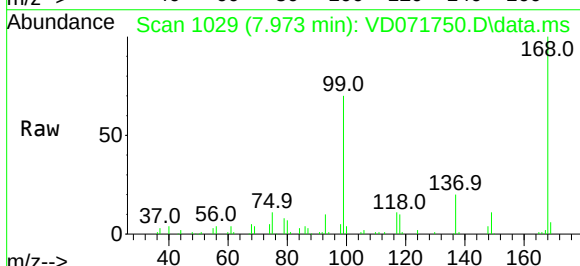
Tgt Ion: 75 Resp: 16293

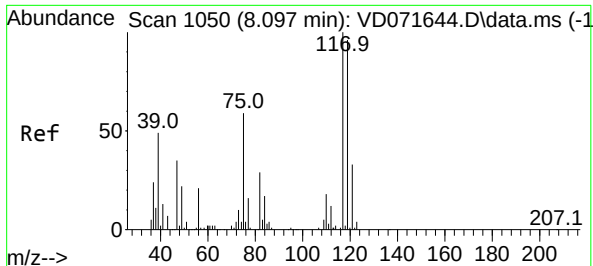
Ion Ratio Lower Upper

75 100

110 9.9 16.0 48.0#

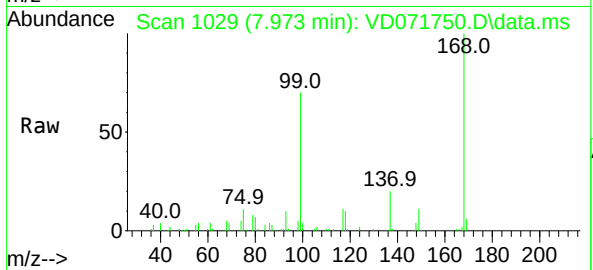
77 0.0 24.5 36.7#



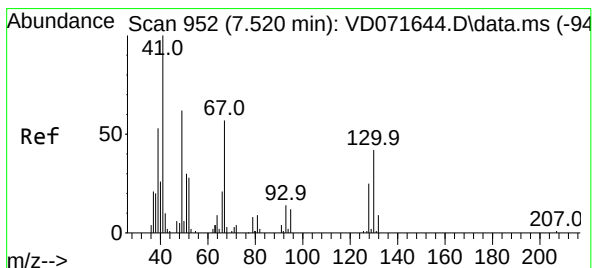
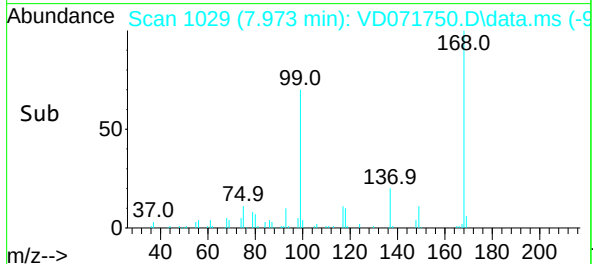
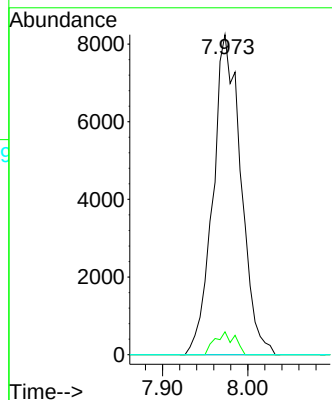


#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.123 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

Instrument :
MSVOA_D
ClientSampleId :

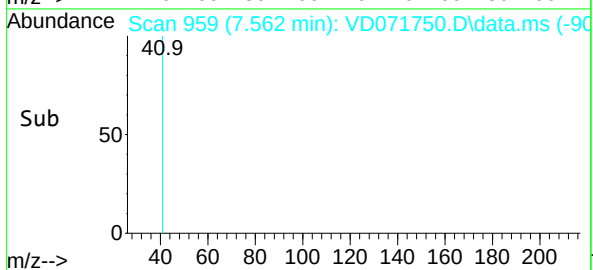
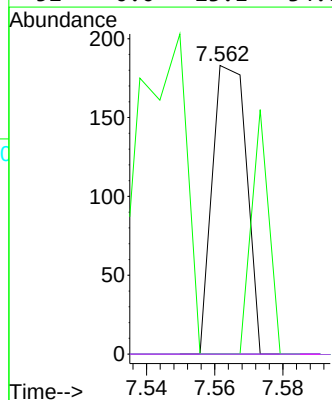
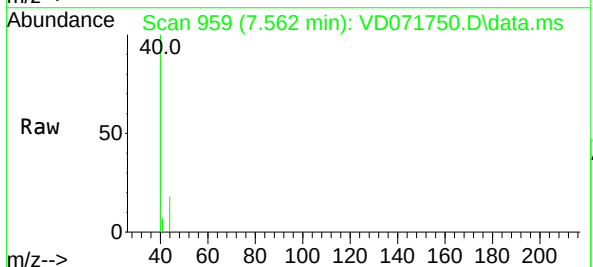


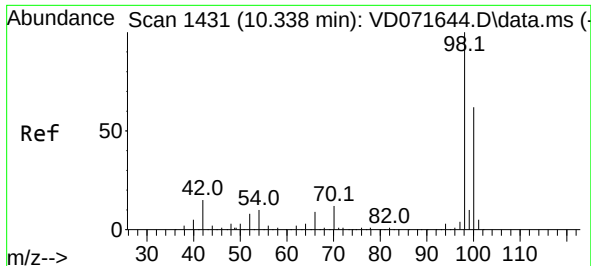
Tgt Ion: 117 Resp: 18772
Ion Ratio Lower Upper
117 100
119 7.1 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.274 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.042 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

Tgt Ion: 41 Resp: 127
Ion Ratio Lower Upper
41 100
39 43.3 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

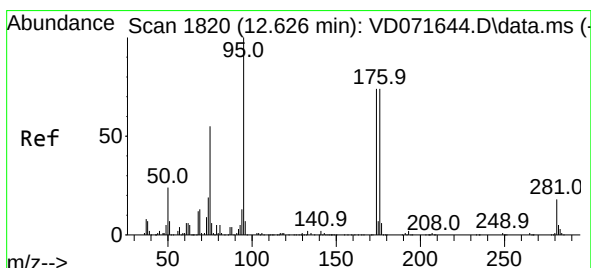
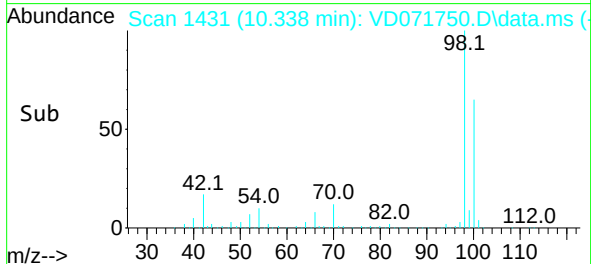
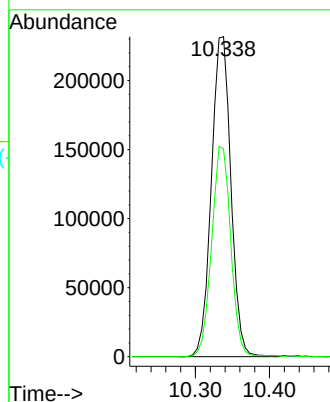
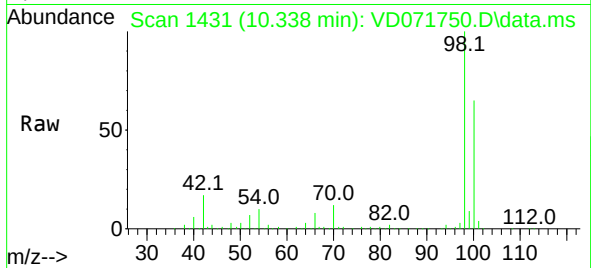




#50
Toluene-d8
Concen: 53.329 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

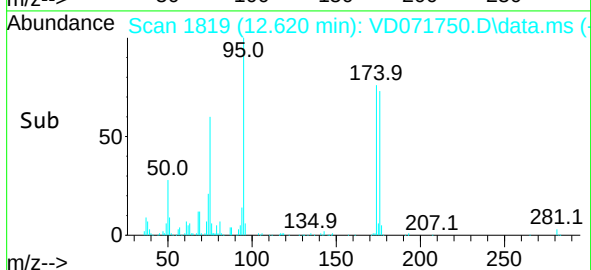
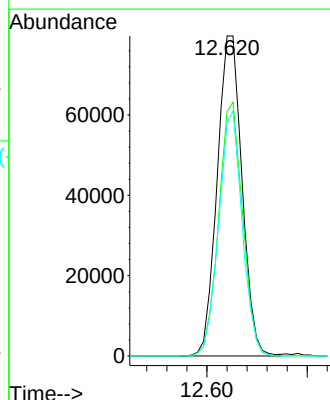
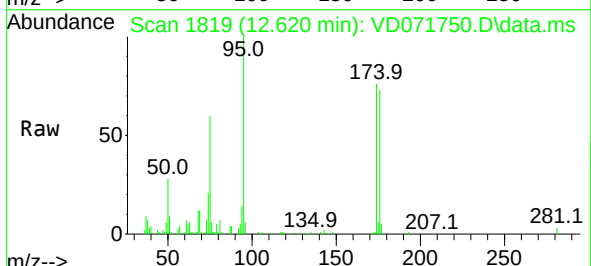
Instrument :
MSVOA_D
ClientSampleId :

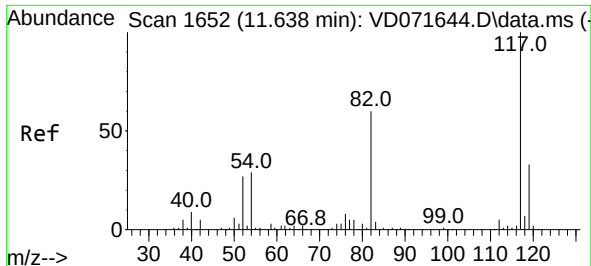
Tgt Ion: 98 Resp: 424151
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.904 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

Tgt Ion: 95 Resp: 137057
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.0
176 72.3 0.0 146.4

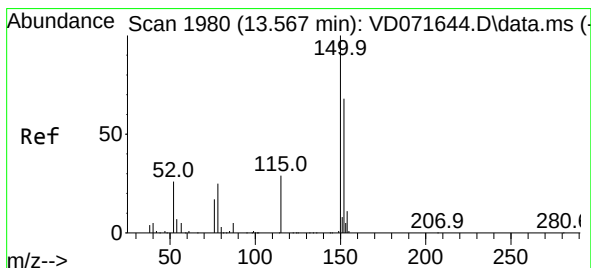
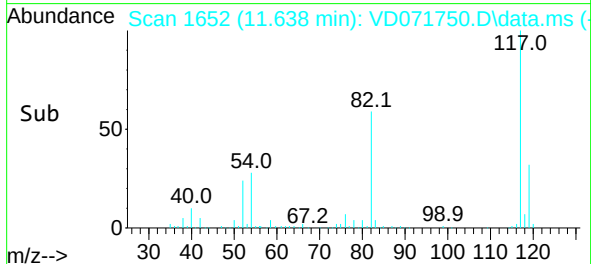
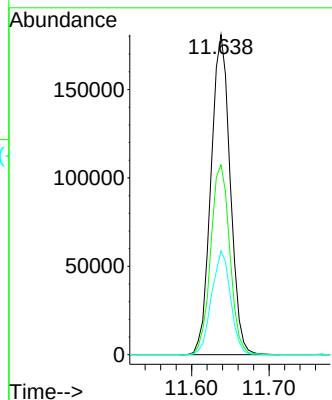
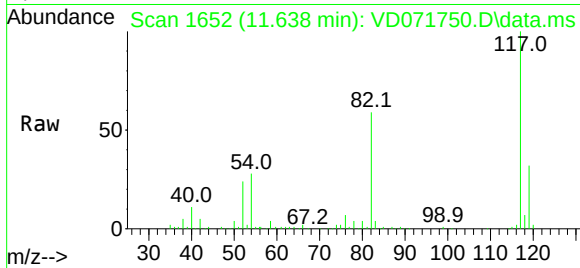




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

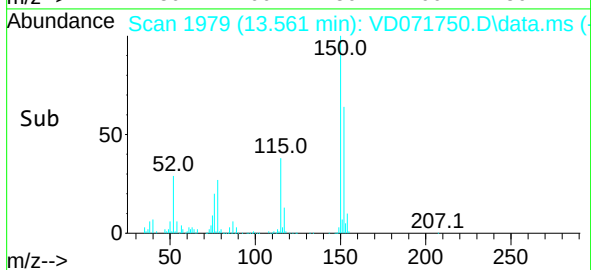
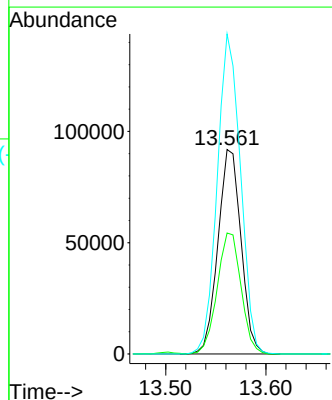
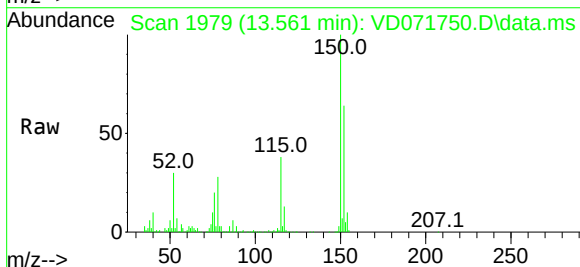
Instrument :
MSVOA_D
ClientSampleId :

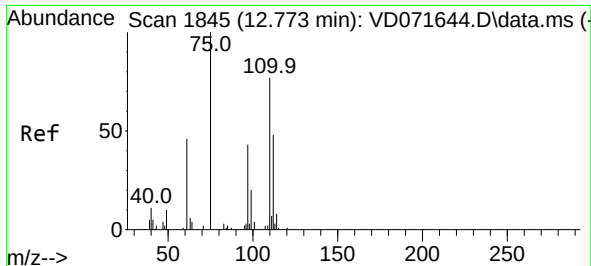
Tgt Ion:117 Resp: 311720
Ion Ratio Lower Upper
117 100
82 59.3 46.9 70.3
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

Tgt Ion:152 Resp: 146880
Ion Ratio Lower Upper
152 100
115 61.2 31.5 94.5
150 157.7 0.0 348.0

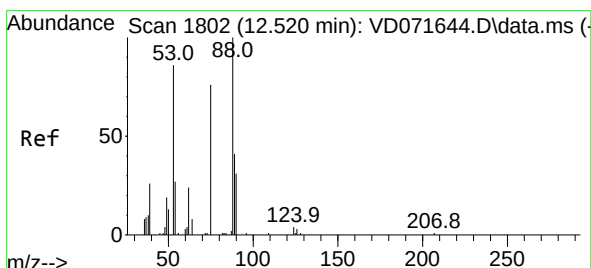
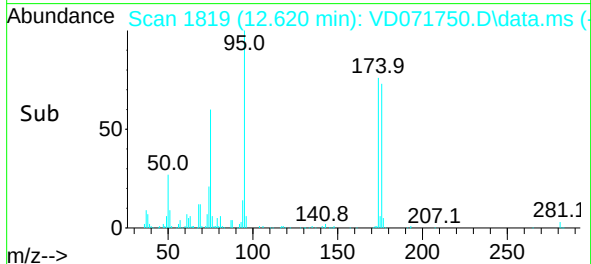
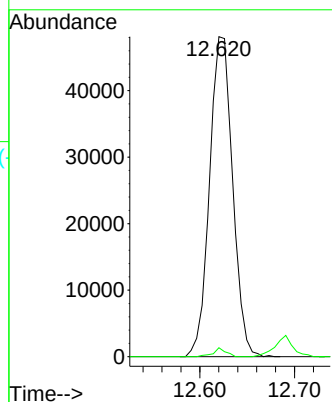
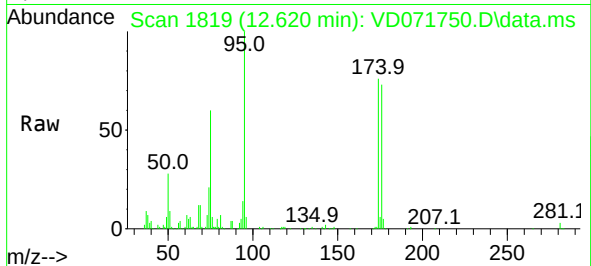




#76
1,2,3-Trichloropropane
Concen: 57.325 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 81360
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 159.816 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071750.D
Acq: 19 Jan 2022 18:04

Tgt Ion: 75 Resp: 81360
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.1 37.2 55.8#

