

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071878.D
 Acq On : 02 Feb 2022 13:57
 Operator : VA/SY
 Sample : N1356-01
 Misc : 4.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 F-PHC

Quant Time: Feb 03 01:07:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

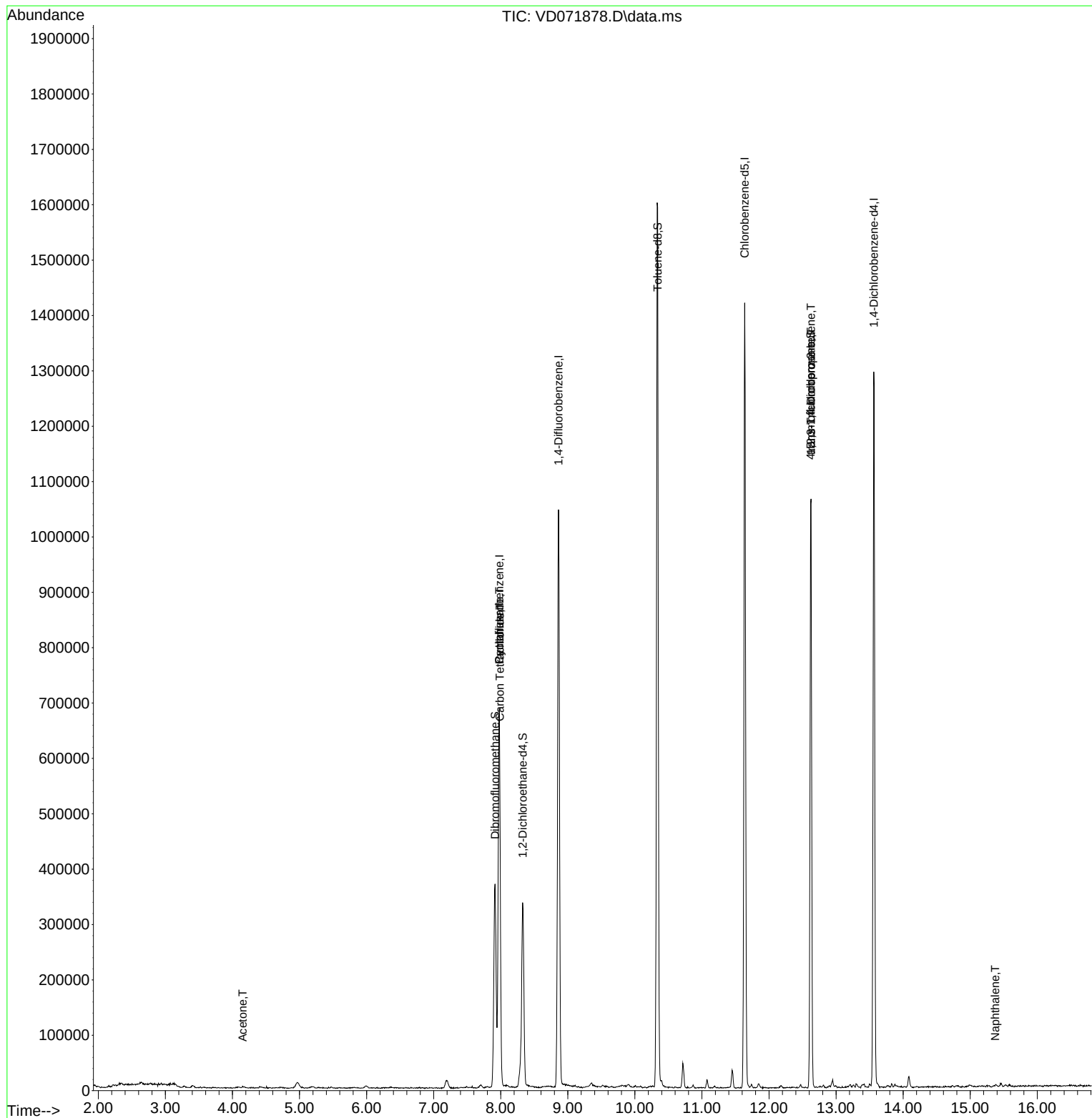
Internal Standards						
1) Pentafluorobenzene	7.979	168	467359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	833113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	756308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	321189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268281	45.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.840%
35) Dibromofluoromethane	7.914	113	260667	47.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.338	98	1063955	52.022	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.620	95	324322	45.410	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.209	59	1003	Below Cal	#	74
16) Acetone	4.150	43	2285	1.413	ug/l #	87
20) Methylene Chloride	4.968	84	6945	Below Cal		95
31) Cyclohexane	7.979	56	14520	1.288	ug/l #	27
38) Carbon Tetrachloride	7.985	117	49813	5.359	ug/l #	19
76) 1,2,3-Trichloropropane	12.626	75	182360	53.874	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	182360	132.464	ug/l #	7
95) Naphthalene	15.373	128	1590	1.592	ug/l #	88

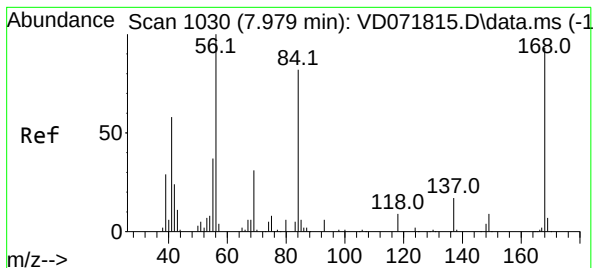
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
F-PHC

Quant Time: Feb 03 01:07:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

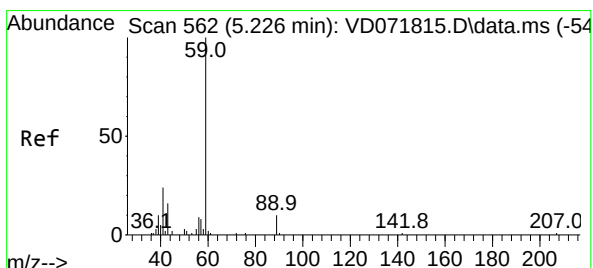
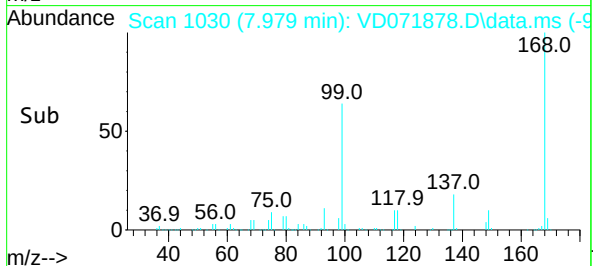
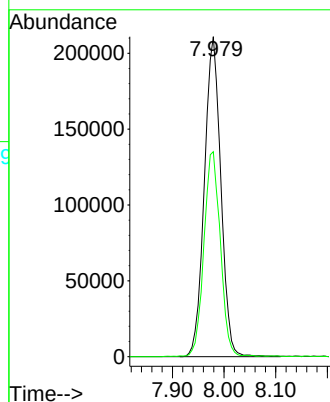
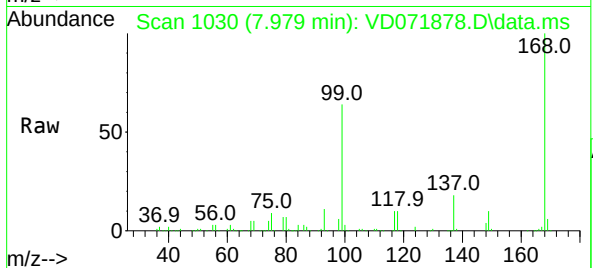




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

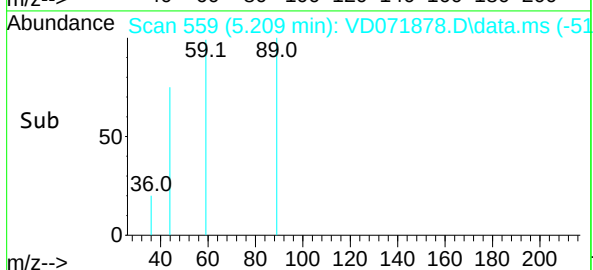
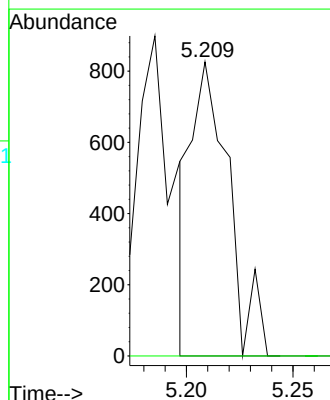
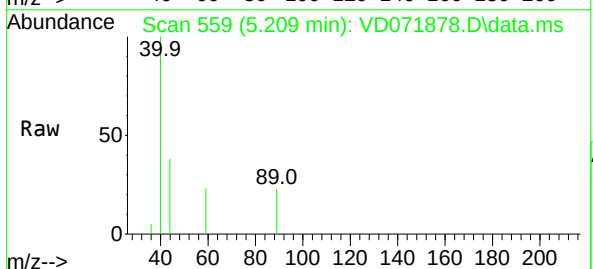
Instrument :
MSVOA_D
ClientSampleId :
F-PHC

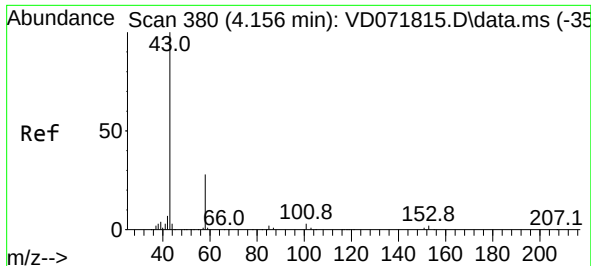
Tgt Ion:168 Resp: 467359
Ion Ratio Lower Upper
168 100
99 63.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Tgt Ion: 59 Resp: 1003
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

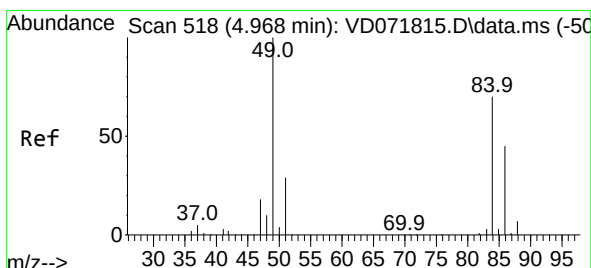
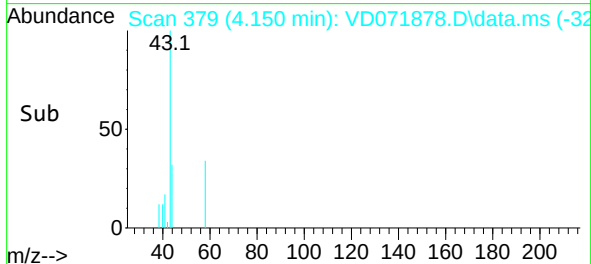
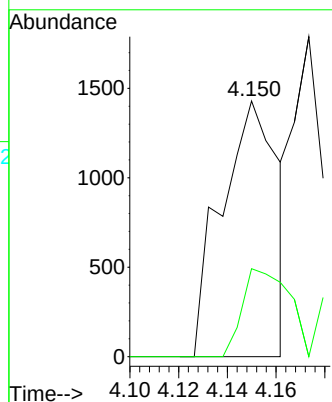
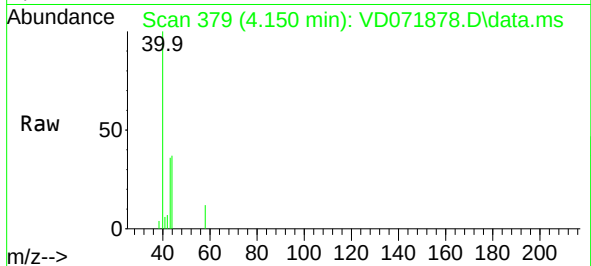




#16
Acetone
Concen: 1.413 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

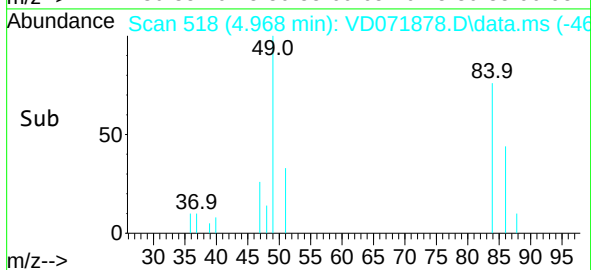
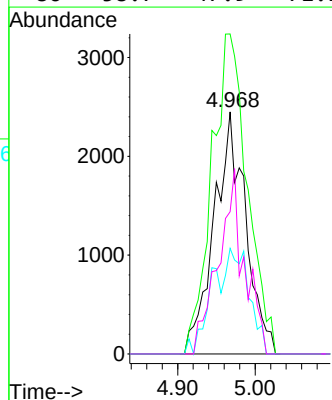
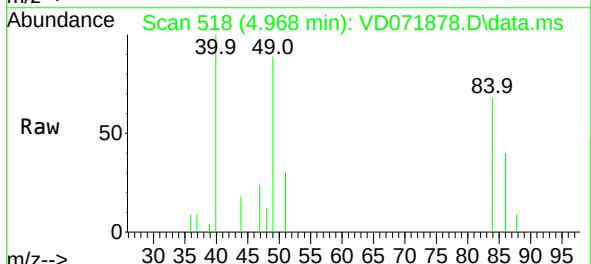
Instrument :
MSVOA_D
ClientSampleId :
F-PHC

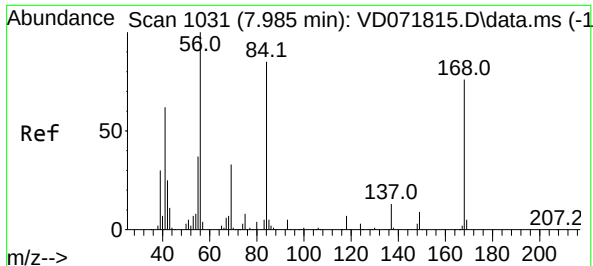
Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 34.4 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Tgt Ion: 84 Resp: 6945
Ion Ratio Lower Upper
84 100
49 132.2 112.8 169.2
51 43.6 32.6 48.8
86 58.7 47.9 71.9

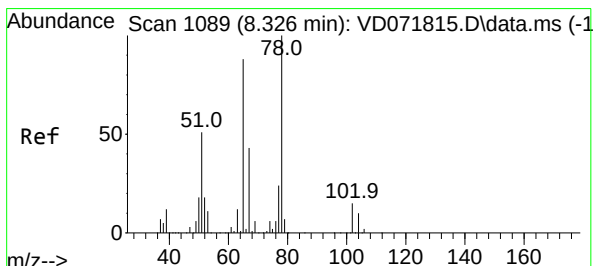
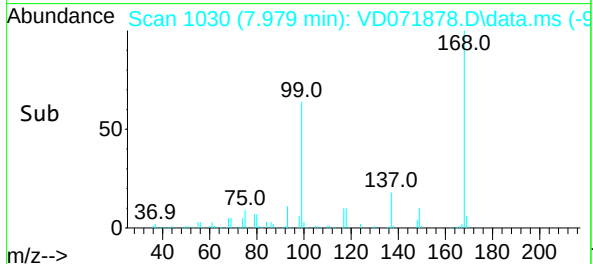
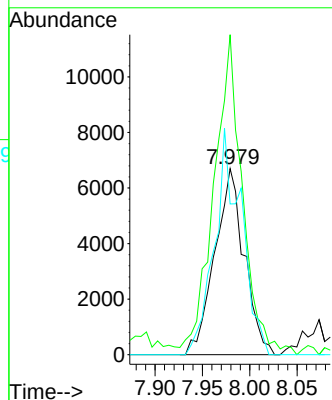
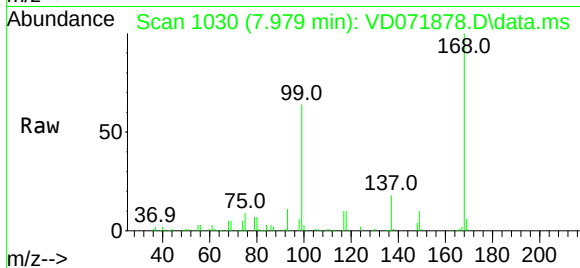




#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

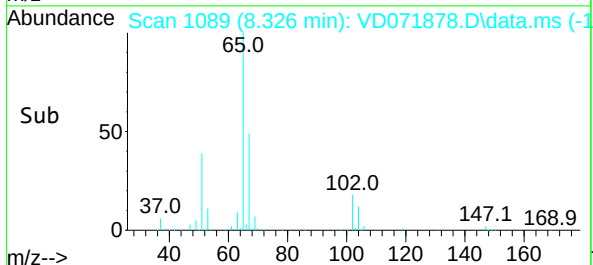
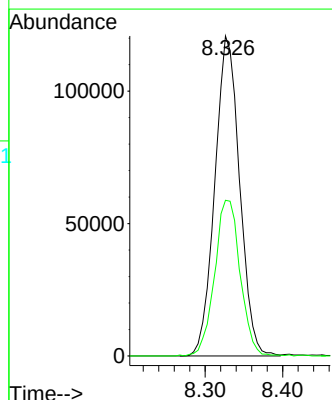
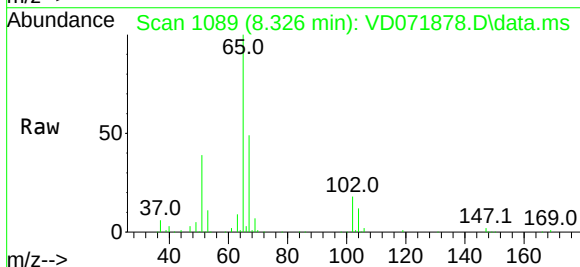
Instrument :
MSVOA_D
ClientSampleId :
F-PHC

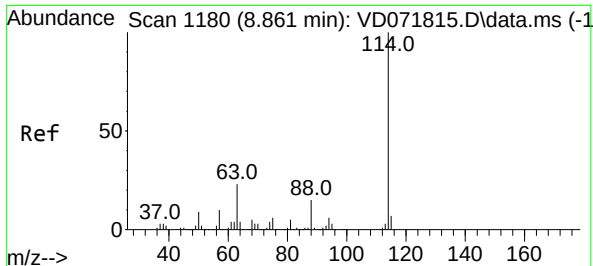
Tgt Ion: 56 Resp: 14520
Ion Ratio Lower Upper
56 100
69 168.9 25.4 38.2#
84 81.0 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 45.416 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Tgt Ion: 65 Resp: 268281
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071878.D

Acq: 02 Feb 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

F-PHC

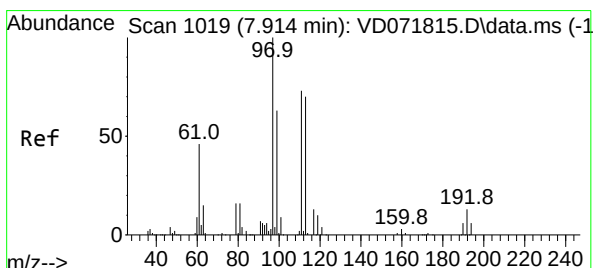
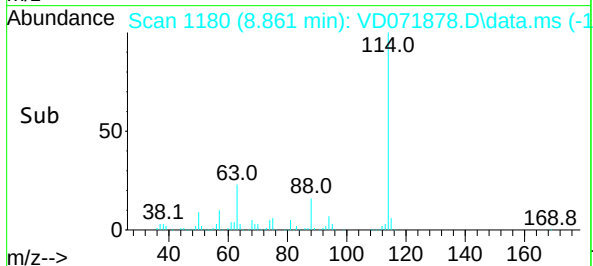
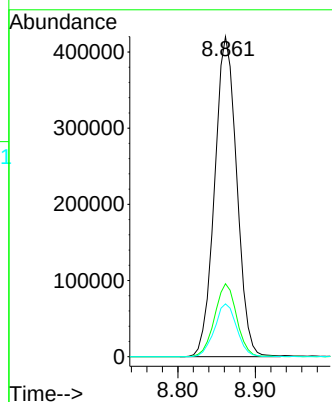
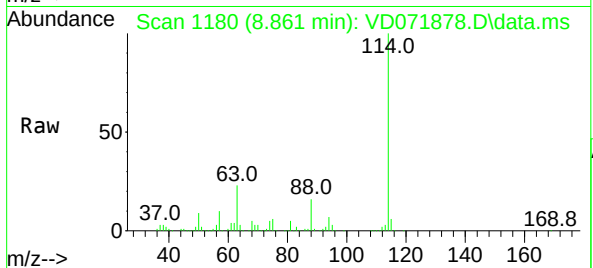
Tgt Ion:114 Resp: 833113

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.599 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071878.D

Acq: 02 Feb 2022 13:57

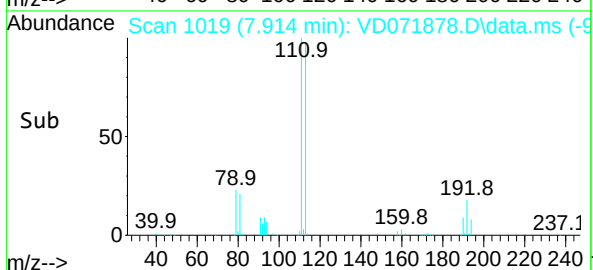
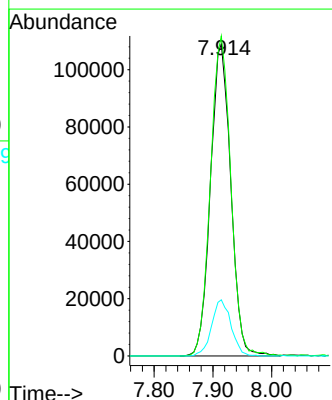
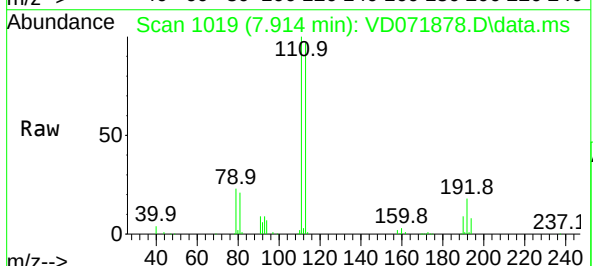
Tgt Ion:113 Resp: 260667

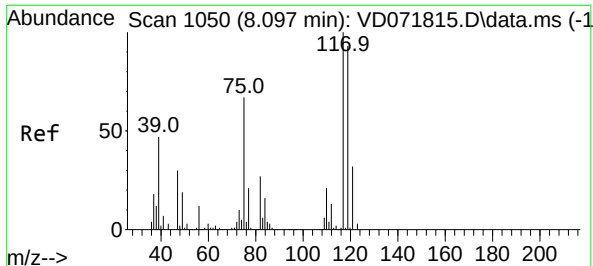
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.3 14.6 21.8

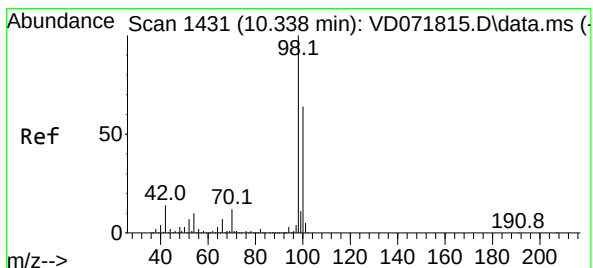
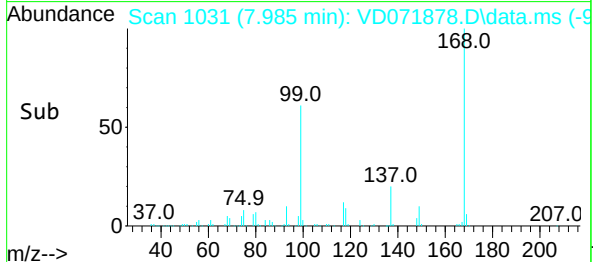
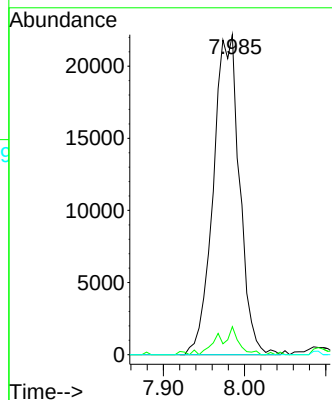
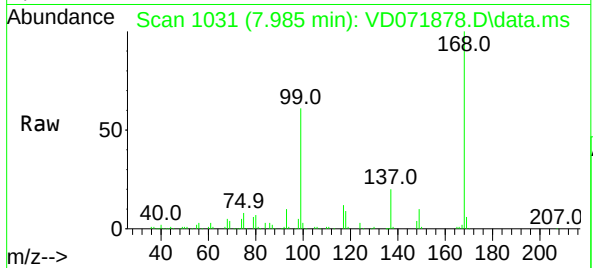




#38
Carbon Tetrachloride
Concen: 5.359 ug/l
RT: 7.985 min Scan# 1050
Delta R.T. -0.112 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

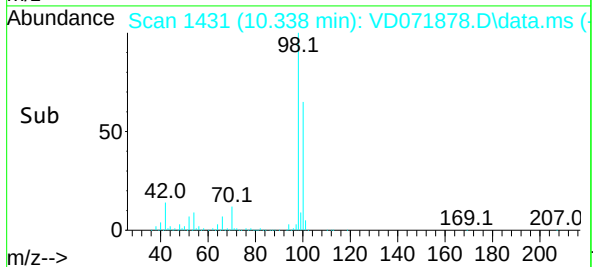
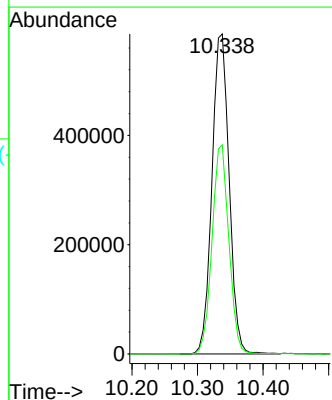
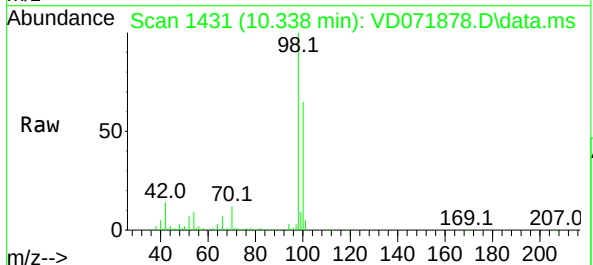
Instrument :
MSVOA_D
ClientSampleId :
F-PHC

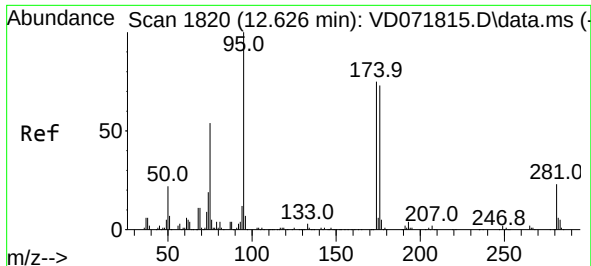
Tgt Ion:117 Resp: 49813
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.022 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Tgt Ion: 98 Resp: 1063955
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6

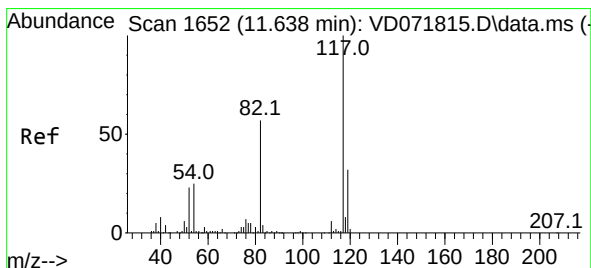
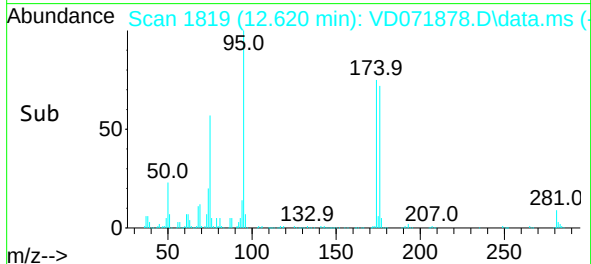
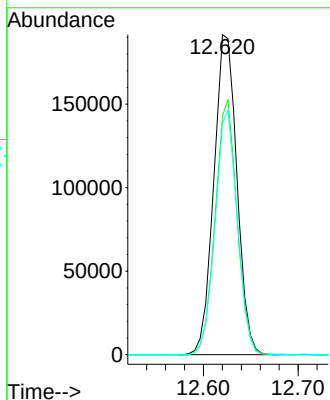
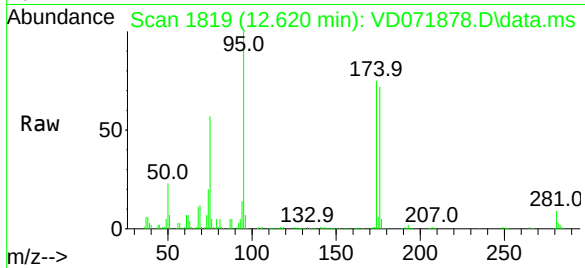




#62
4-Bromofluorobenzene
Concen: 45.410 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

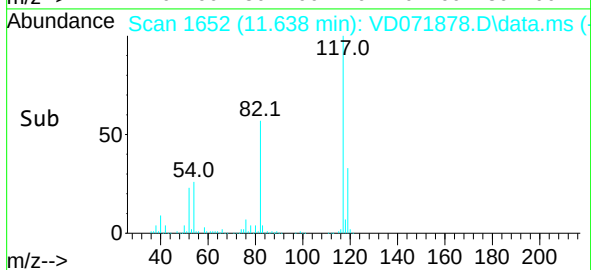
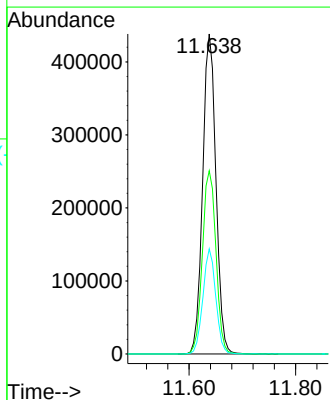
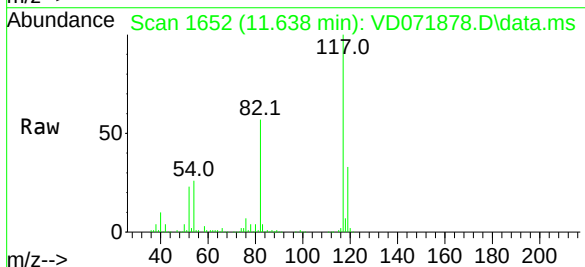
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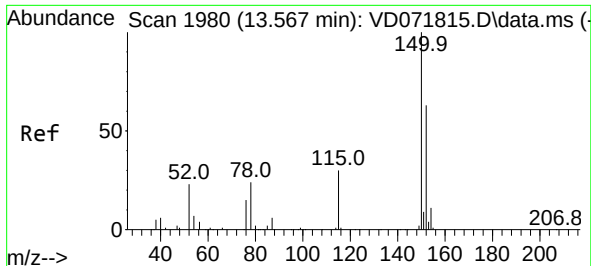
Tgt Ion: 95 Resp: 324322
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Tgt Ion: 117 Resp: 756308
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.9 26.6 40.0

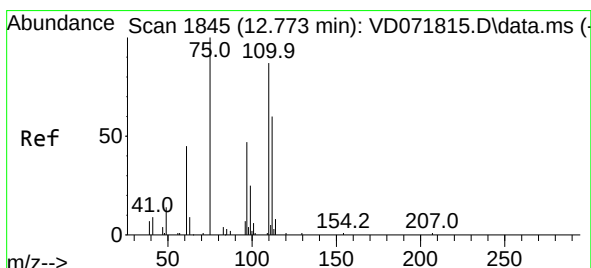
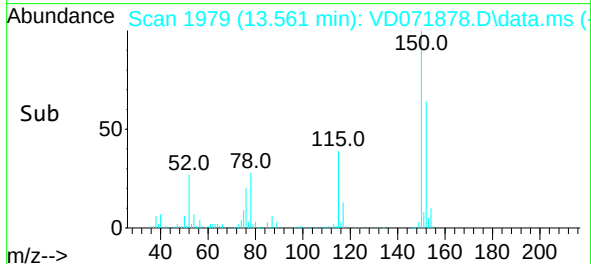
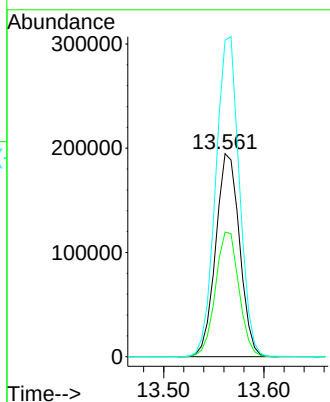
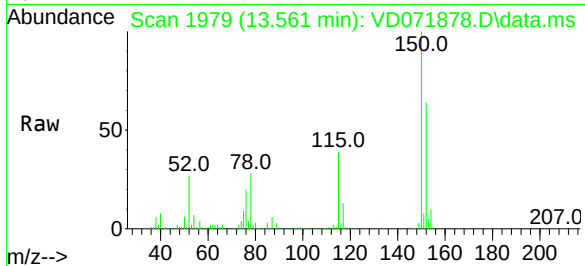




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

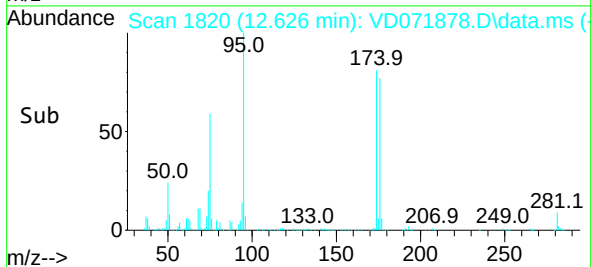
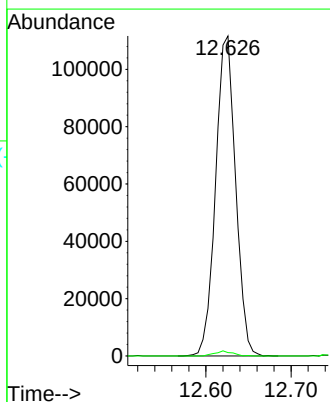
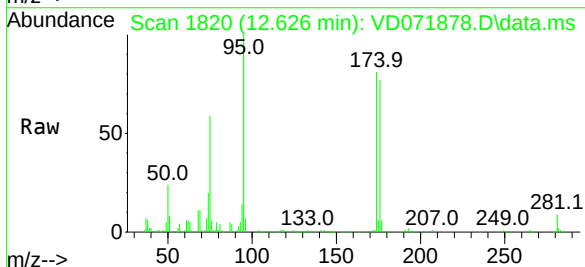
Instrument :
MSVOA_D
ClientSampleId :
F-PHC

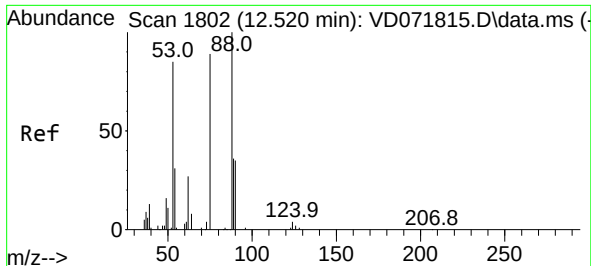
Tgt Ion:152 Resp: 321189
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 156.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 53.874 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Tgt Ion: 75 Resp: 182360
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

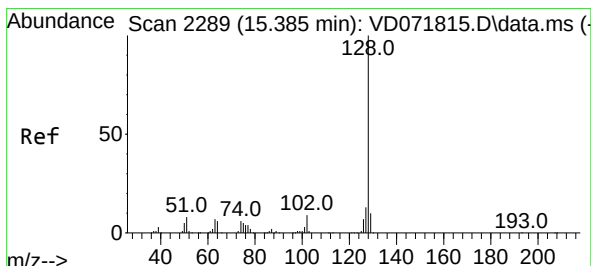
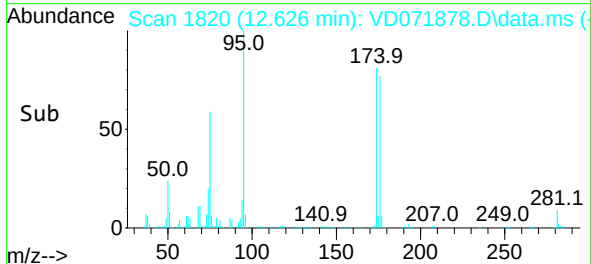
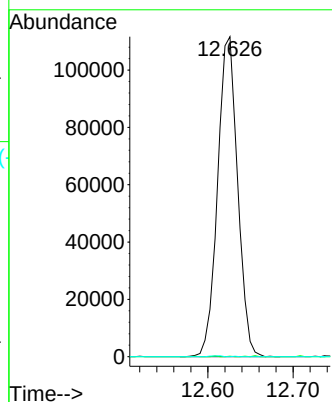
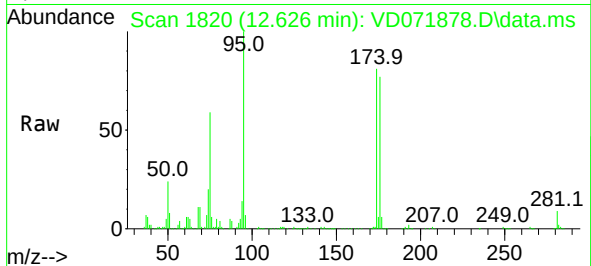




#81
trans-1,4-Dichloro-2-butene
Concen: 132.464 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Instrument :
MSVOA_D
ClientSampleId :
F-PHC

Tgt Ion: 75 Resp: 182360
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.592 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD071878.D
Acq: 02 Feb 2022 13:57

Tgt Ion:128 Resp: 1590
Ion Ratio Lower Upper
128 100
127 15.7 10.3 15.5#
129 3.8 8.4 12.6#

