

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071879.D
 Acq On : 02 Feb 2022 14:25
 Operator : VA/SY
 Sample : N1356-03
 Misc : 5.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-PHC

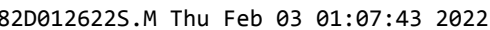
Quant Time: Feb 03 01:07:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

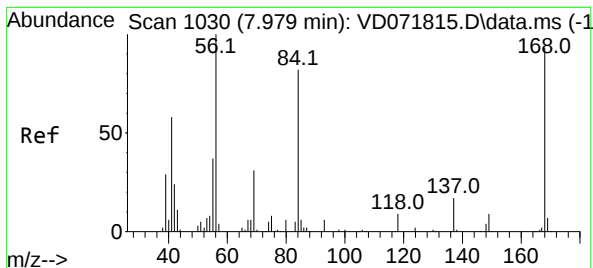
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	458053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	817573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	761353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	317864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267499	46.204	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.400%		
35) Dibromofluoromethane	7.914	113	261178	48.599	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.200%		
50) Toluene-d8	10.332	98	1041779	51.906	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.820%		
62) 4-Bromofluorobenzene	12.626	95	325238	46.403	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.800%		
Target Compounds						
11) Tert butyl alcohol	5.197	59	486	Below Cal	#	74
16) Acetone	4.173	43	2282	1.440	ug/l	94
20) Methylene Chloride	4.950	84	1858	Below Cal	#	74
31) Cyclohexane	7.973	56	14035	1.270	ug/l	# 7
36) 1,1-Dichloropropene	7.973	75	42042	4.558	ug/l	# 51
38) Carbon Tetrachloride	7.979	117	50806	5.570	ug/l	# 17
71) Bromoform	12.620	173	3368	1.077	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	184495	55.075	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	184495	135.417	ug/l	# 7
95) Naphthalene	15.385	128	1490	1.585	ug/l	# 77

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

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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

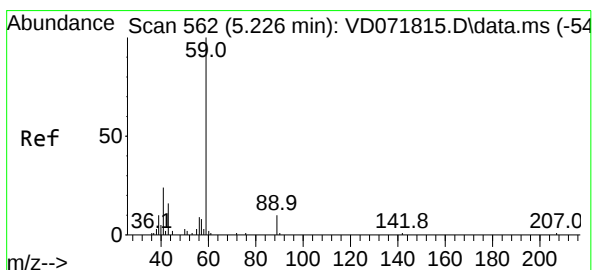
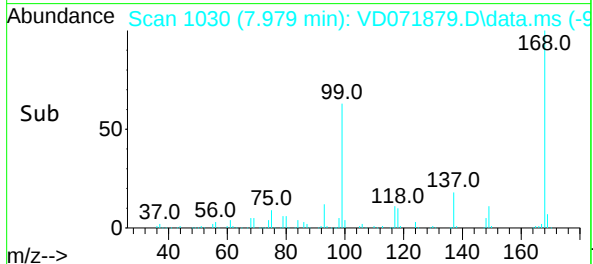
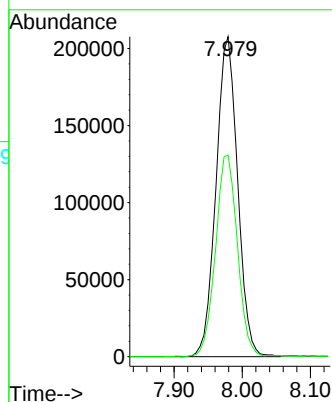
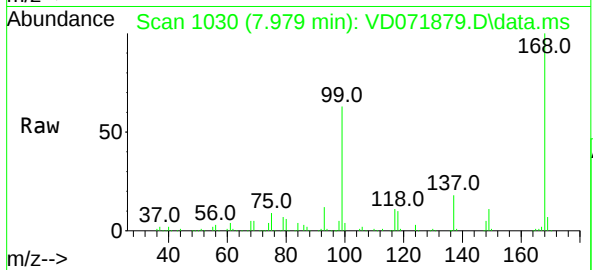




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

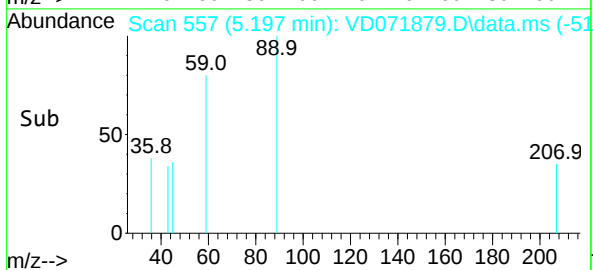
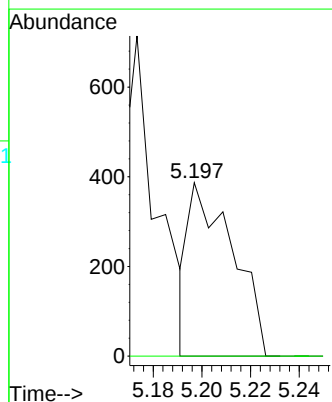
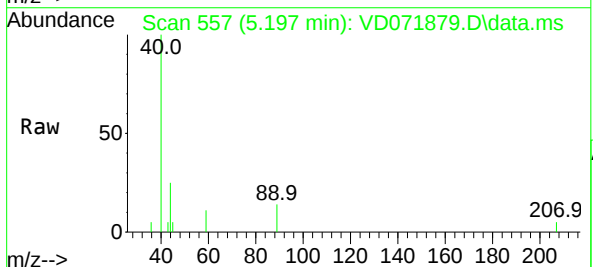
Instrument :
MSVOA_D
ClientSampleId :
M-PHC

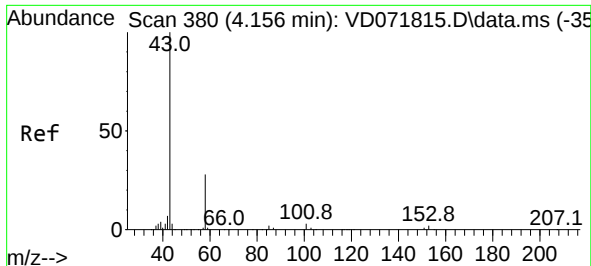
Tgt Ion:168 Resp: 458053
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.024 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

Tgt Ion: 59 Resp: 486
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

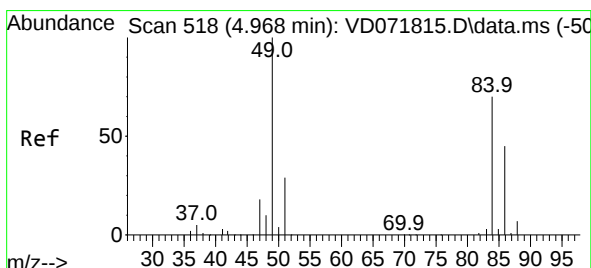
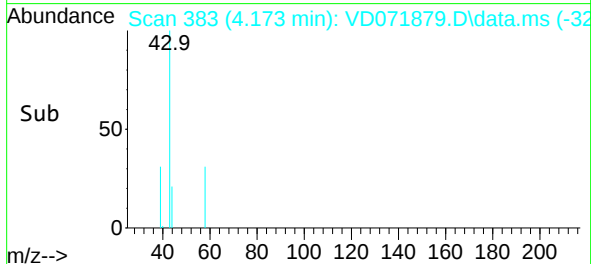
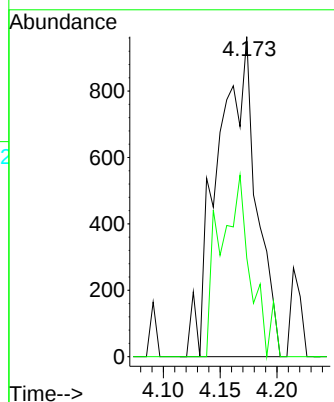
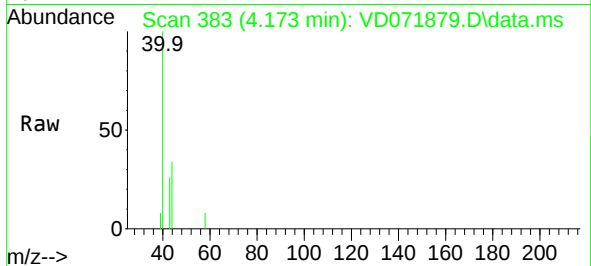




#16
Acetone
Concen: 1.440 ug/l
RT: 4.173 min Scan# 380
Delta R.T. 0.018 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

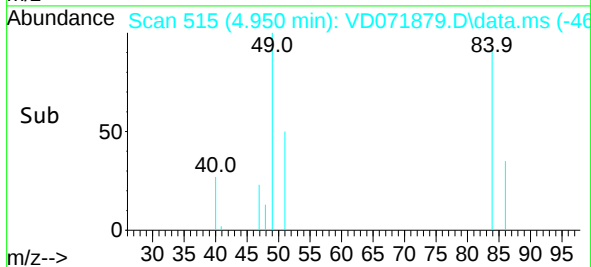
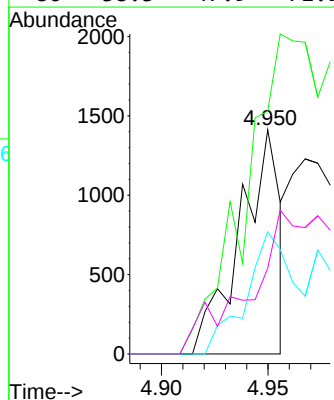
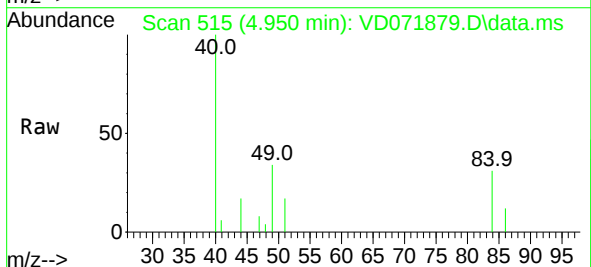
Instrument :
MSVOA_D
ClientSampleId :
M-PHC

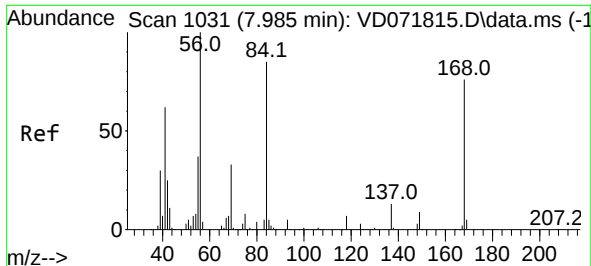
Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
58 30.9 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.018 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

Tgt Ion: 84 Resp: 1858
Ion Ratio Lower Upper
84 100
49 108.4 112.8 169.2#
51 54.5 32.6 48.8#
86 38.3 47.9 71.9#

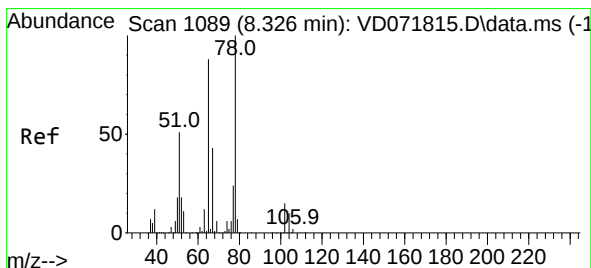
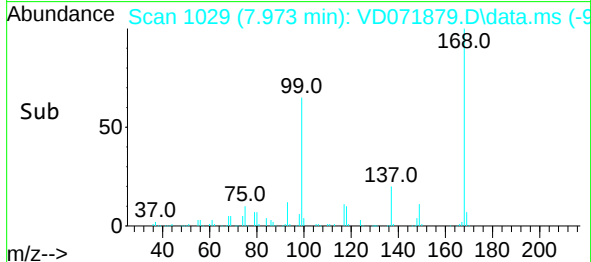
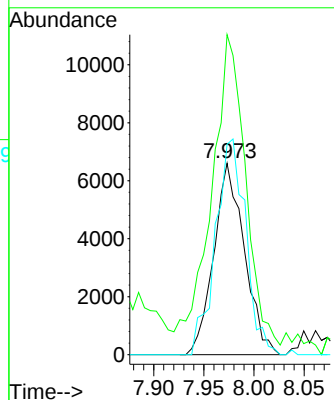
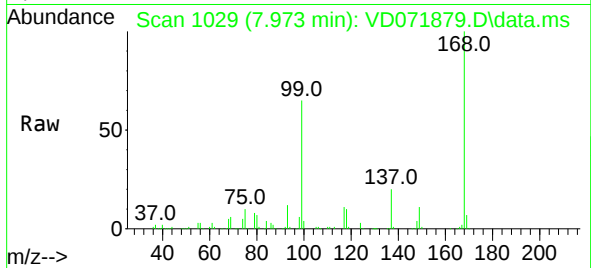




#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

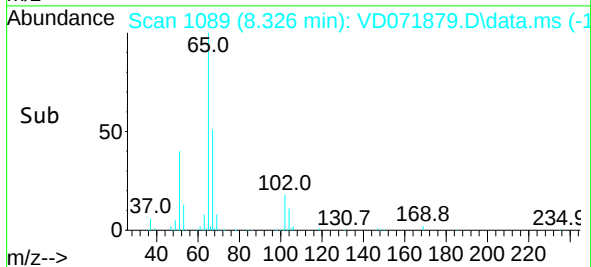
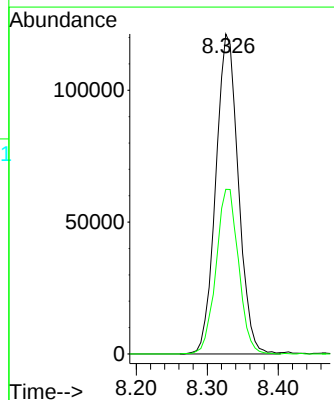
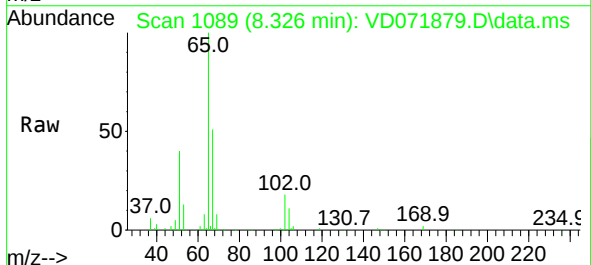
Instrument :
MSVOA_D
ClientSampleId :
M-PHC

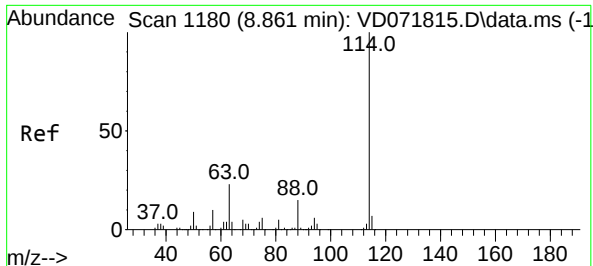
Tgt Ion: 56 Resp: 14035
Ion Ratio Lower Upper
56 100
69 162.2 25.4 38.2#
84 109.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.204 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

Tgt Ion: 65 Resp: 267499
Ion Ratio Lower Upper
65 100
67 51.3 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: VD071879.D

Acq: 02 Feb 2022 14:25

Instrument :

MSVOA_D

ClientSampleId :

M-PHC

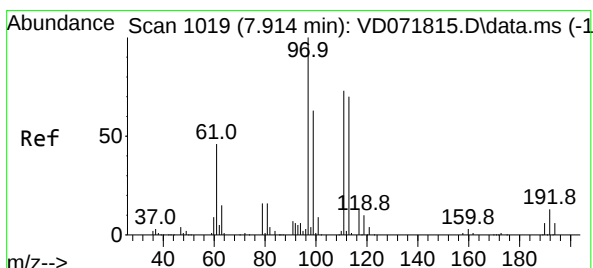
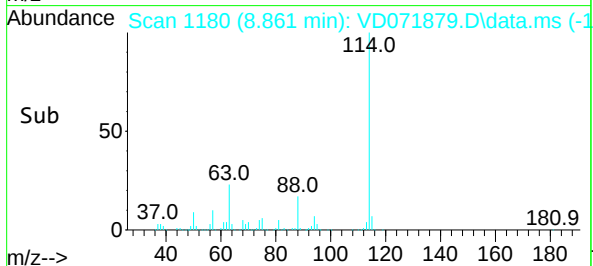
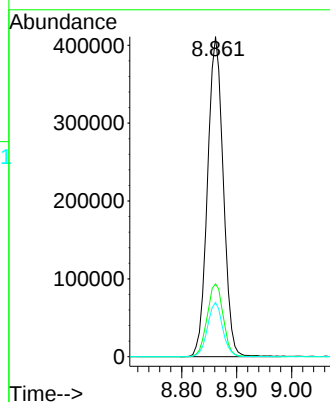
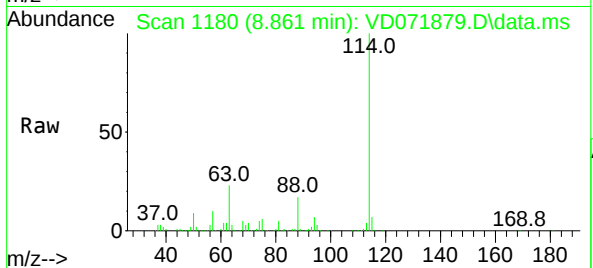
Tgt Ion:114 Resp: 817573

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 16.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.599 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071879.D

Acq: 02 Feb 2022 14:25

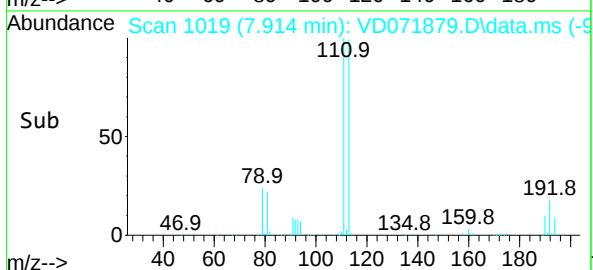
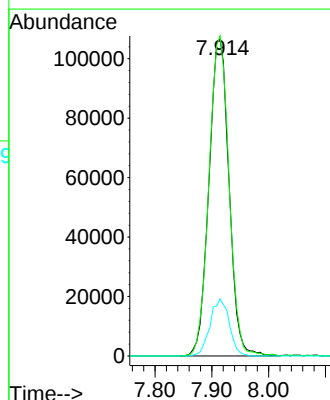
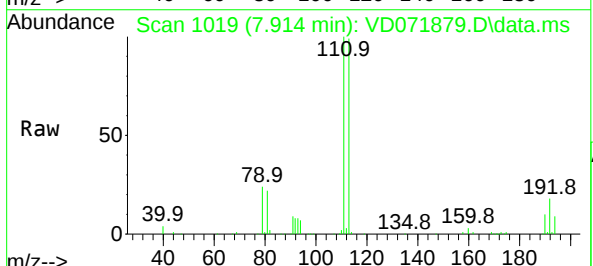
Tgt Ion:113 Resp: 261178

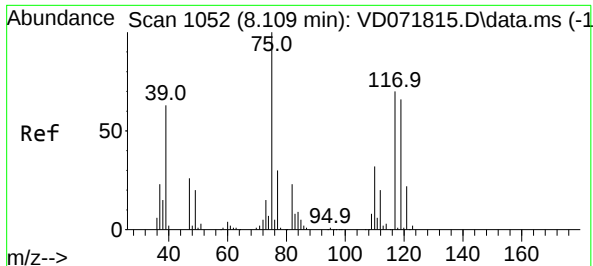
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

192 17.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.558 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071879.D

Acq: 02 Feb 2022 14:25

Instrument :

MSVOA_D

ClientSampleId :

M-PHC

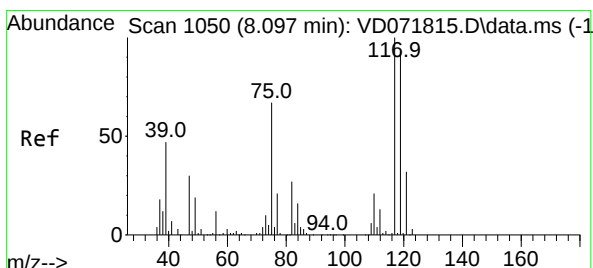
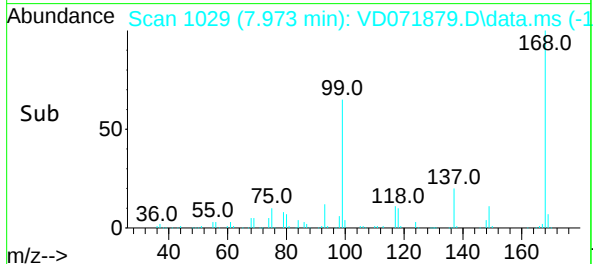
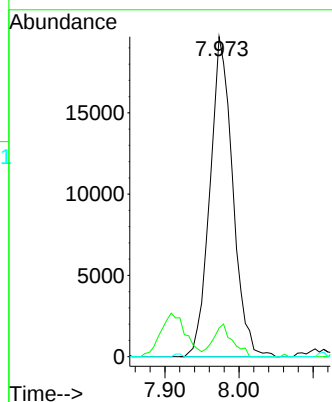
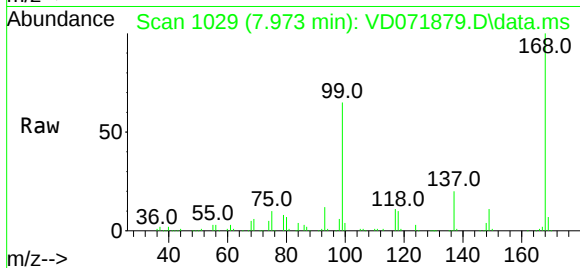
Tgt Ion: 75 Resp: 42042

Ion Ratio Lower Upper

75 100

110 8.5 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.570 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071879.D

Acq: 02 Feb 2022 14:25

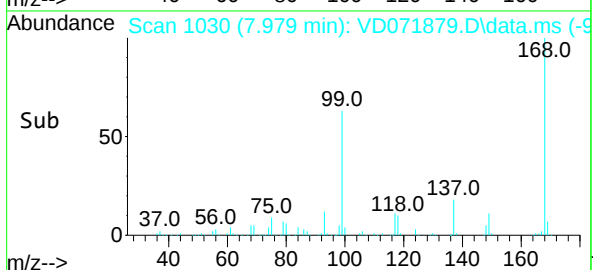
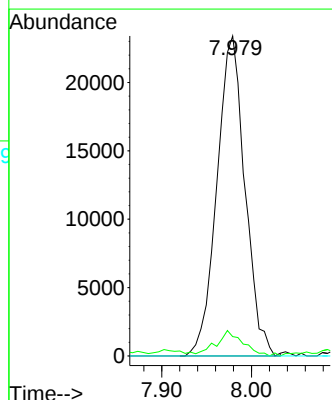
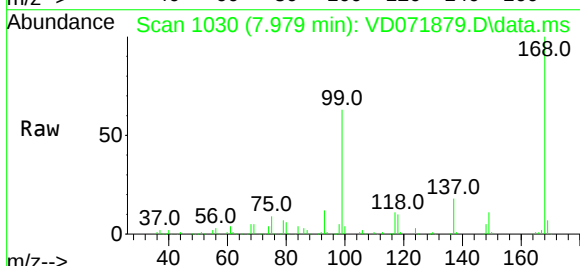
Tgt Ion: 117 Resp: 50806

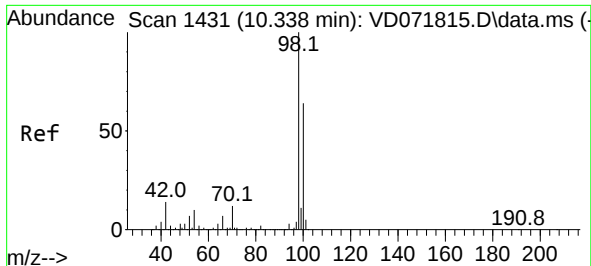
Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.6#

121 0.0 24.5 36.7#

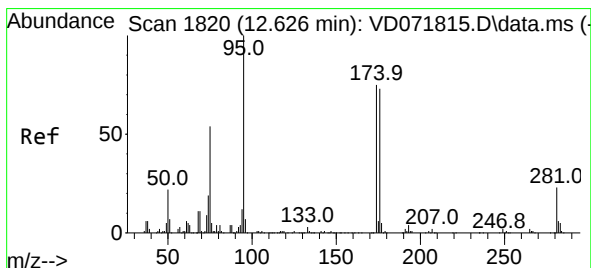
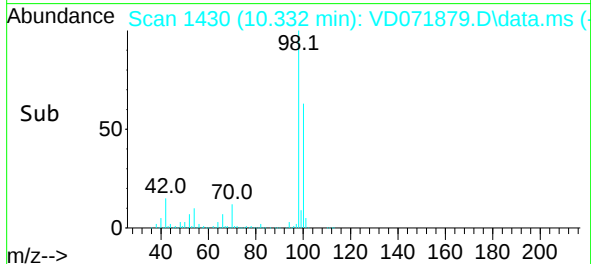
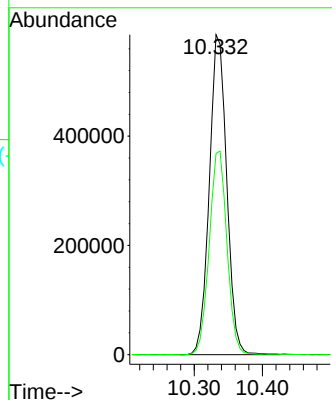
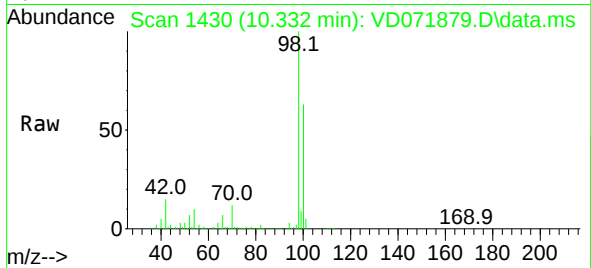




#50
Toluene-d8
Concen: 51.906 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

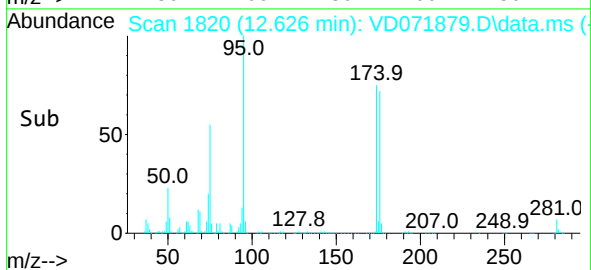
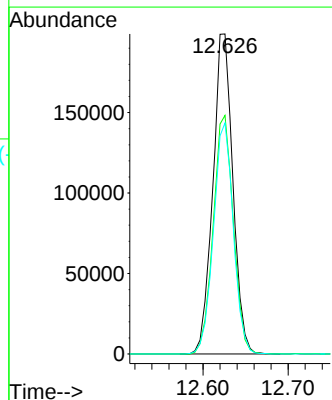
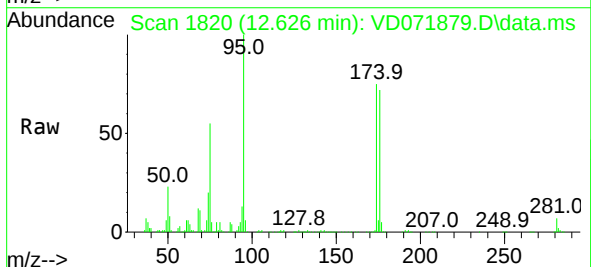
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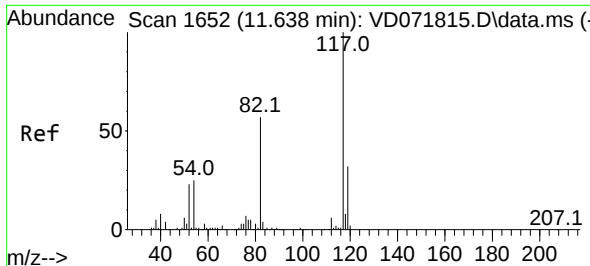
Tgt Ion: 98 Resp: 1041779
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.403 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

Tgt Ion: 95 Resp: 325238
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 71.5 0.0 145.4

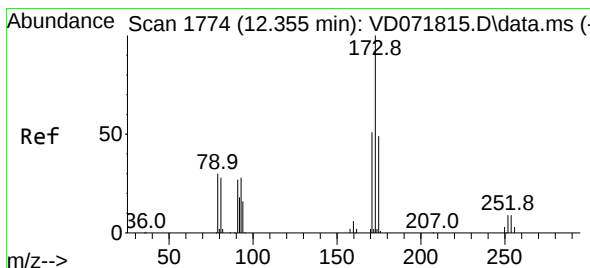
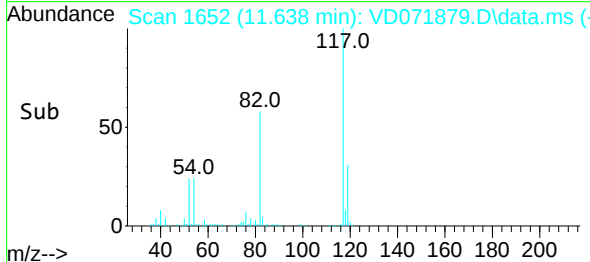
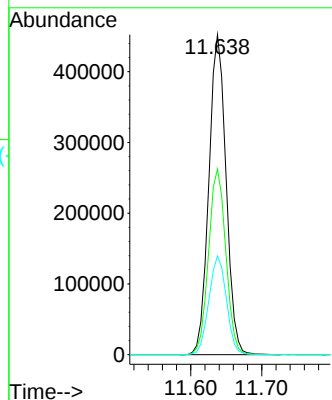
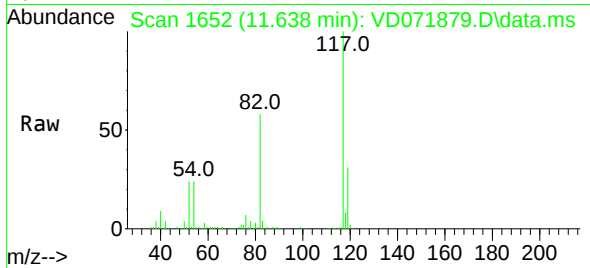




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

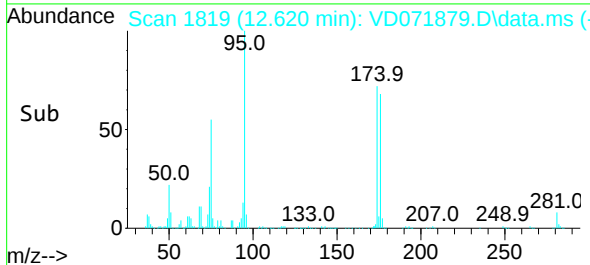
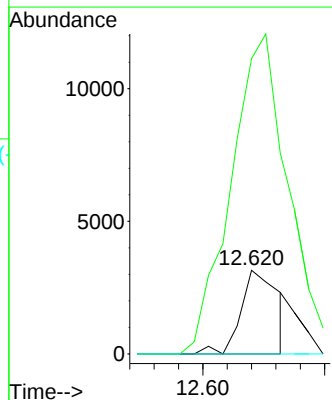
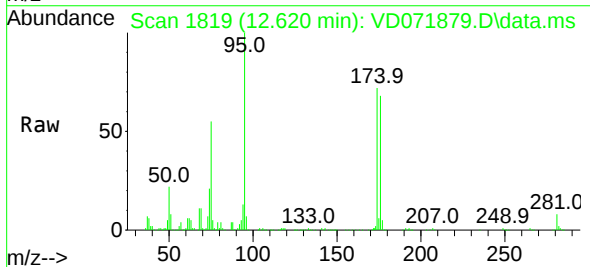
Instrument :
MSVOA_D
ClientSampleId :
M-PHC

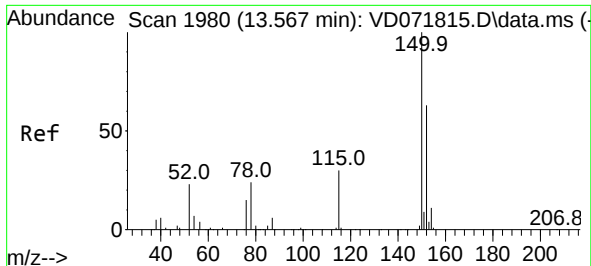
Tgt Ion:117 Resp: 761353
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 30.9 26.6 40.0



#71
Bromoform
Concen: 1.077 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071879.D
Acq: 02 Feb 2022 14:25

Tgt Ion:173 Resp: 3368
Ion Ratio Lower Upper
173 100
175 487.0 23.9 71.8#
254 0.0 0.0 0.0

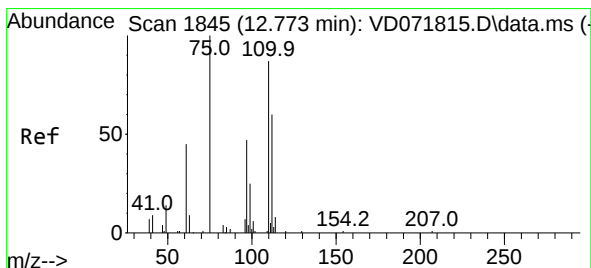
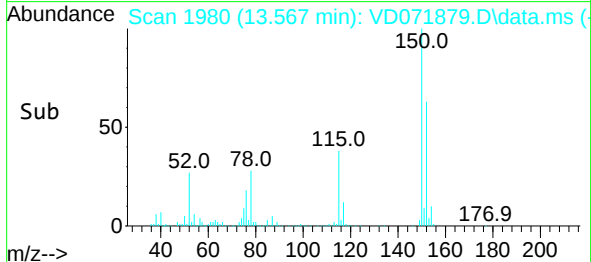
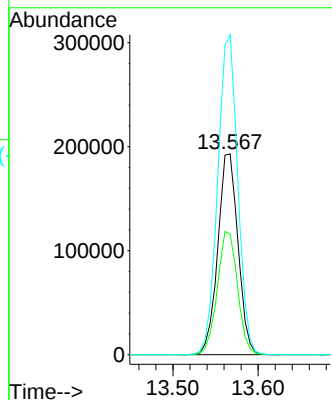
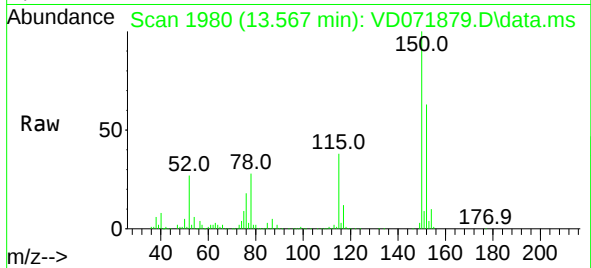




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071879.D
 Acq: 02 Feb 2022 14:25

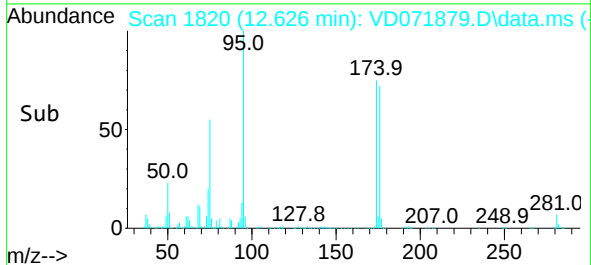
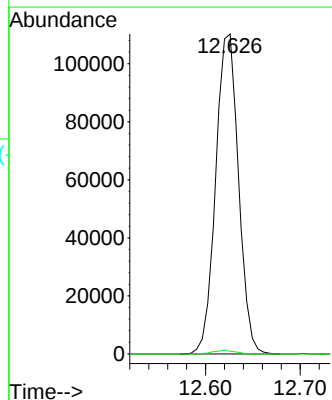
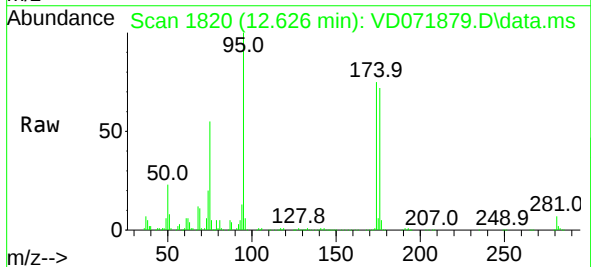
Instrument :
 MSVOA_D
 ClientSampleId :
 M-PHC

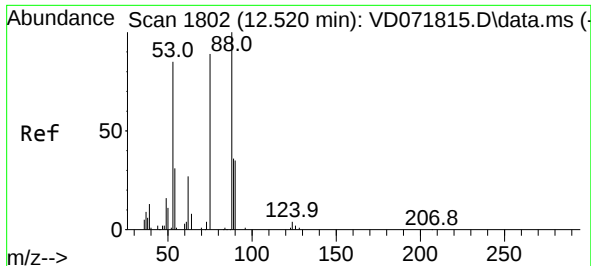
Tgt Ion:152 Resp: 317864
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.3 93.8
 150 158.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 55.075 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071879.D
 Acq: 02 Feb 2022 14:25

Tgt Ion: 75 Resp: 184495
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

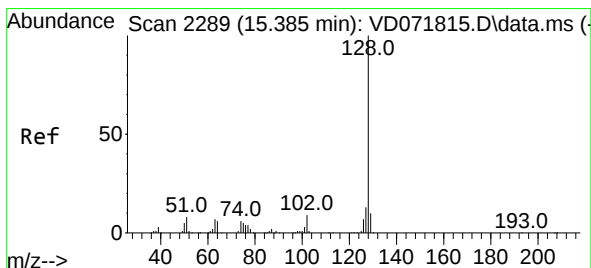
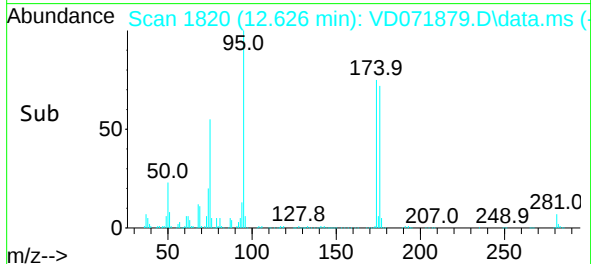
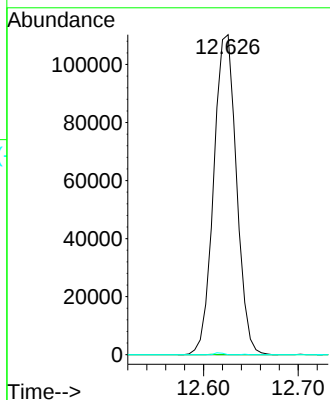
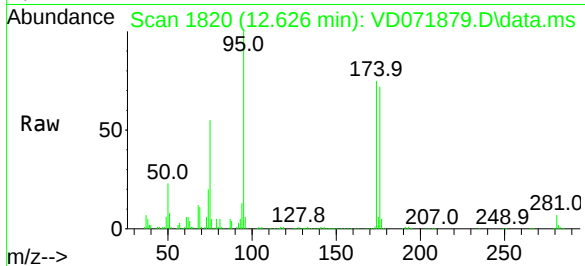




#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.417 ug/l
 RT: 12.626 min Scan# 1802
 Delta R.T. 0.106 min
 Lab File: VD071879.D
 Acq: 02 Feb 2022 14:25

Instrument :
 MSVOA_D
 ClientSampleId :
 M-PHC

Tgt Ion: 75 Resp: 184495
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#



#95
 Naphthalene
 Concen: 1.585 ug/l
 RT: 15.385 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: VD071879.D
 Acq: 02 Feb 2022 14:25

Tgt Ion:128 Resp: 1490
 Ion Ratio Lower Upper
 128 100
 127 5.3 10.3 15.5#
 129 0.0 8.4 12.6#

