

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072365.D
 Acq On : 22 Mar 2022 17:01
 Operator : VA/SY
 Sample : N1995-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-4.5-5.0

Quant Time: Mar 23 01:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	332970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	574464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	645008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	321182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168270	45.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.700%
35) Dibromofluoromethane	7.908	113	183290	45.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.680%
50) Toluene-d8	10.332	98	734205	49.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.626	95	307811	53.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.180%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	283	2.306	ug/l #	59
17) Carbon Disulfide	4.403	76	1137	1.655	ug/l #	46
20) Methylene Chloride	4.967	84	17383	Below Cal	#	83
31) Cyclohexane	7.973	56	8243	1.422	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	28444	5.016	ug/l #	51
38) Carbon Tetrachloride	7.973	117	34207	5.306	ug/l #	17
49) 1,4-Dioxane	9.685	88	62	2.369	ug/l #	21
76) 1,2,3-Trichloropropane	12.626	75	159748	45.089	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	159748	111.871	ug/l #	7

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

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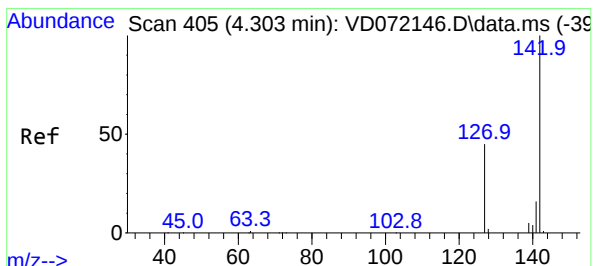
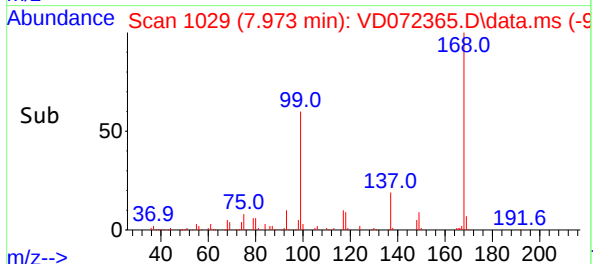
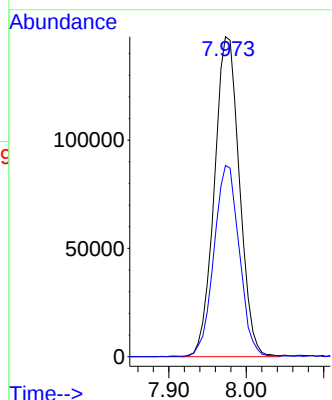
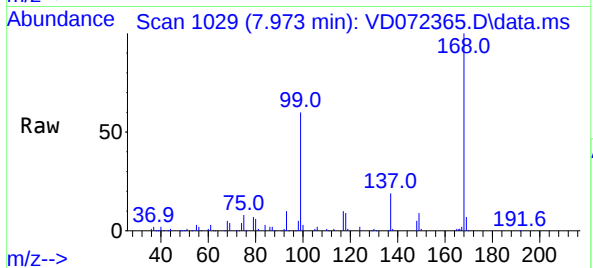




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

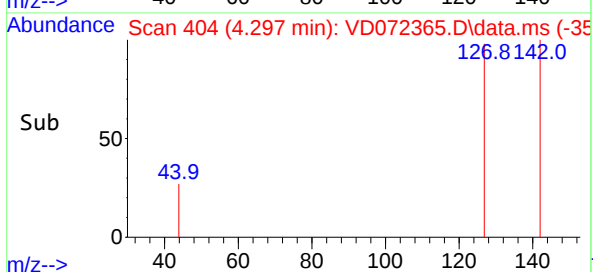
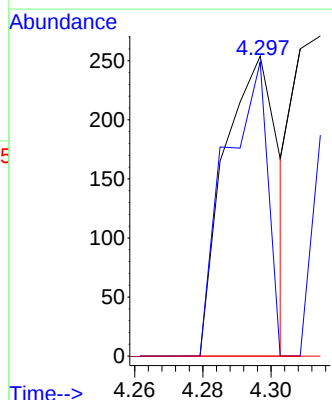
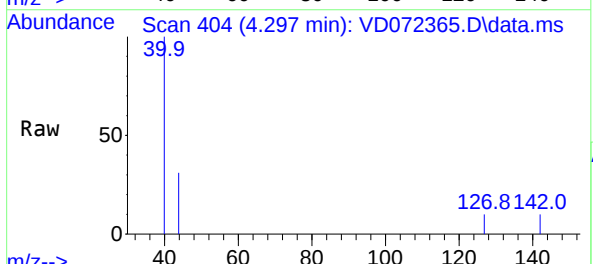
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

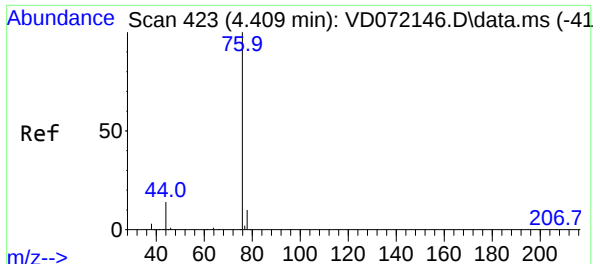
Tgt Ion:168 Resp: 332970
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#10
Methyl Iodide
Concen: 2.306 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

Tgt Ion:142 Resp: 283
Ion Ratio Lower Upper
142 100
127 75.3 37.3 55.9#
141 0.0 11.7 17.5#

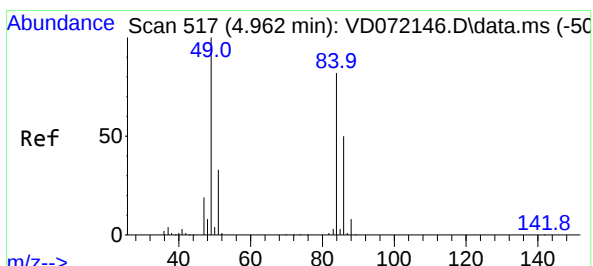
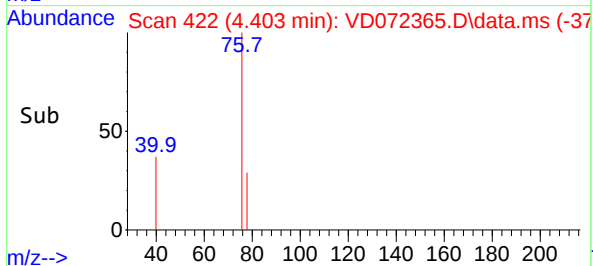
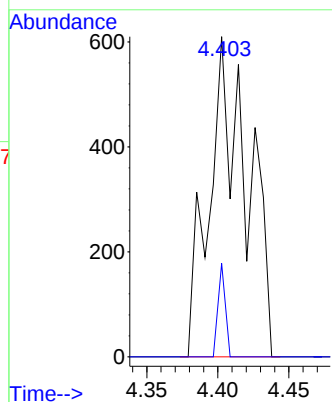
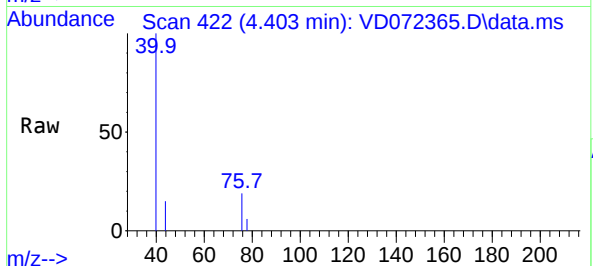




#17
Carbon Disulfide
Concen: 1.655 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

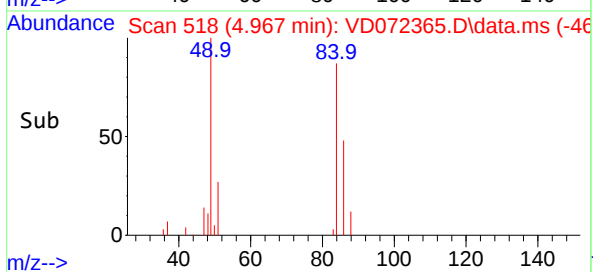
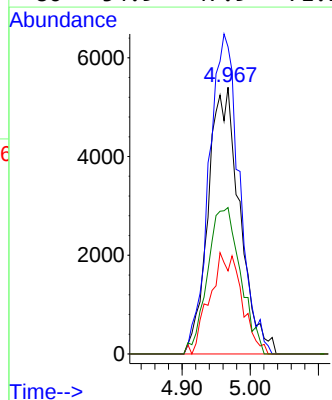
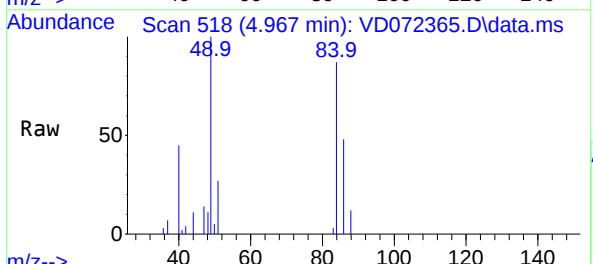
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

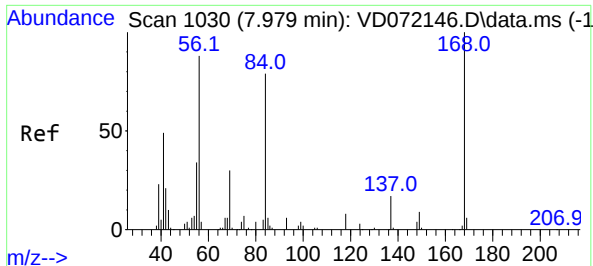
Tgt Ion: 76 Resp: 1137
Ion Ratio Lower Upper
76 100
78 29.2 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

Tgt Ion: 84 Resp: 17383
Ion Ratio Lower Upper
84 100
49 115.1 112.8 169.2
51 31.2 32.6 48.8#
86 54.9 47.9 71.9





#31

Cyclohexane

Concen: 1.422 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072365.D

Acq: 22 Mar 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

SB-06-4.5-5.0

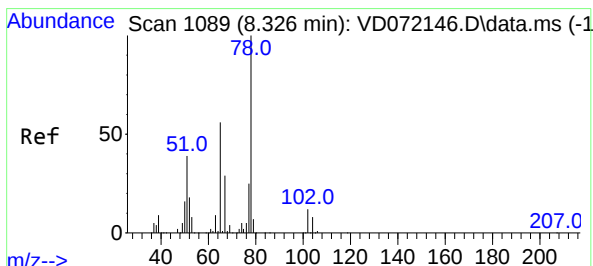
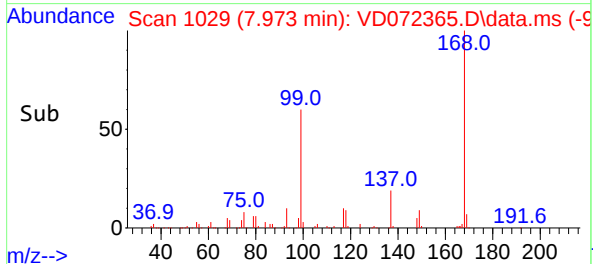
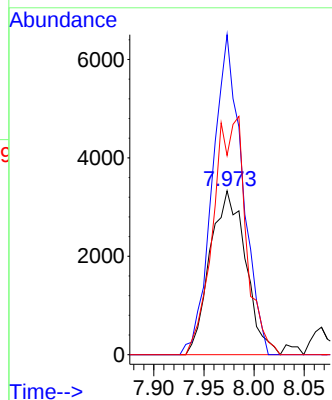
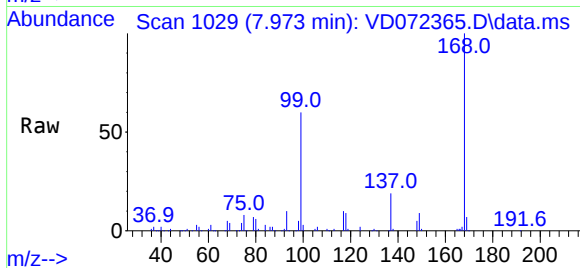
Tgt Ion: 56 Resp: 8243

Ion Ratio Lower Upper

56 100

69 195.3 25.4 38.2#

84 121.6 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 45.346 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072365.D

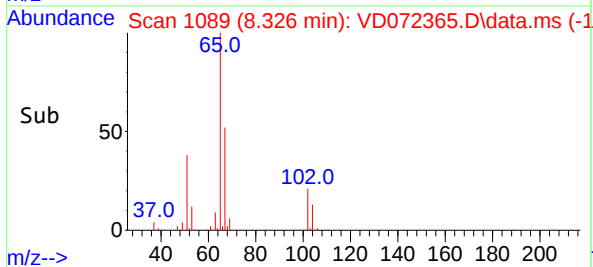
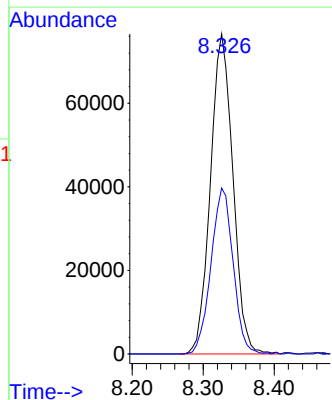
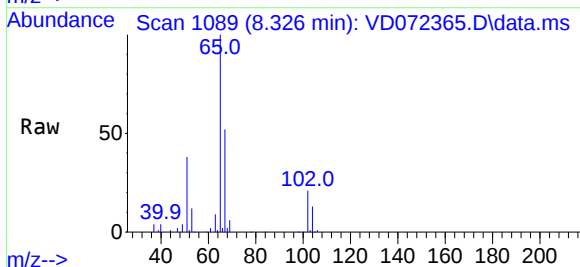
Acq: 22 Mar 2022 17:01

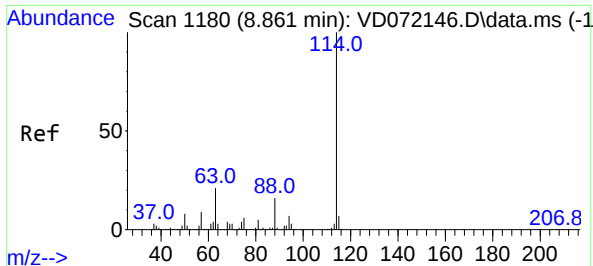
Tgt Ion: 65 Resp: 168270

Ion Ratio Lower Upper

65 100

67 51.0 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: VD072365.D

Acq: 22 Mar 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

SB-06-4.5-5.0

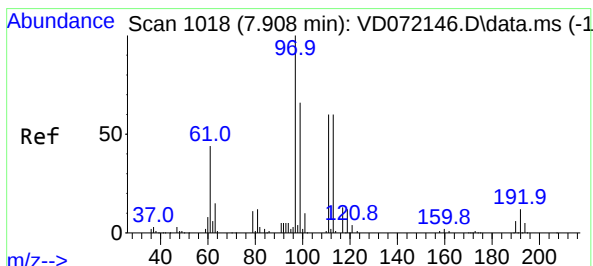
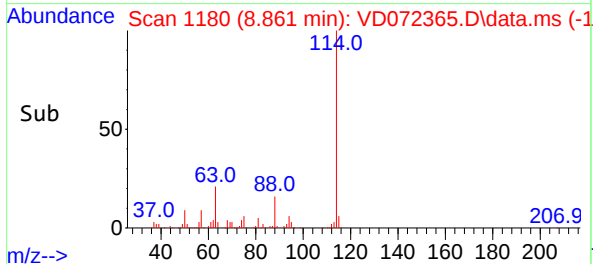
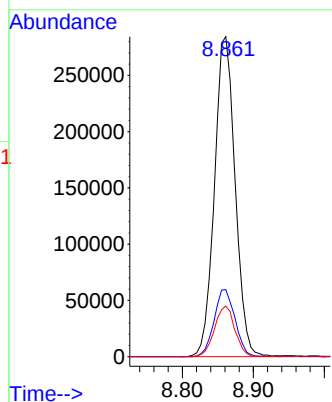
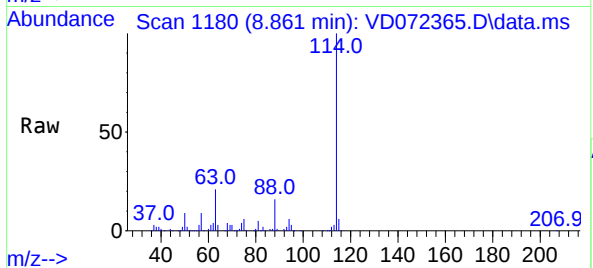
Tgt Ion:114 Resp: 574464

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.340 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072365.D

Acq: 22 Mar 2022 17:01

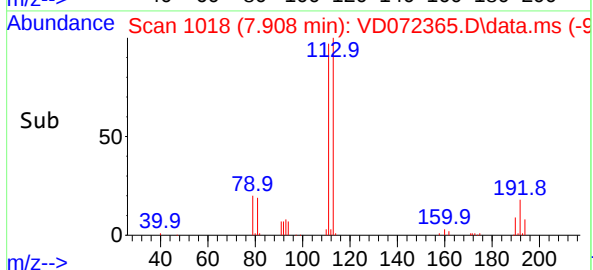
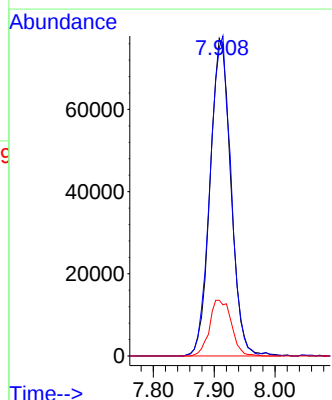
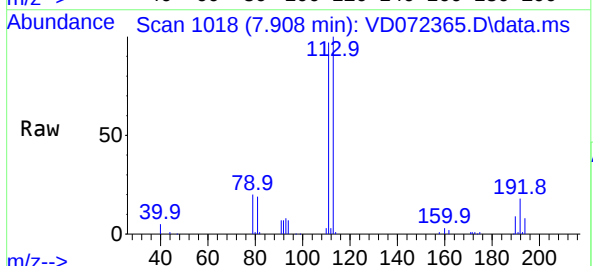
Tgt Ion:113 Resp: 183290

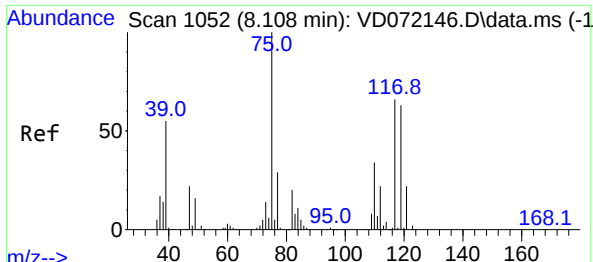
Ion Ratio Lower Upper

113 100

111 100.6 83.8 125.6

192 18.5 14.6 21.8

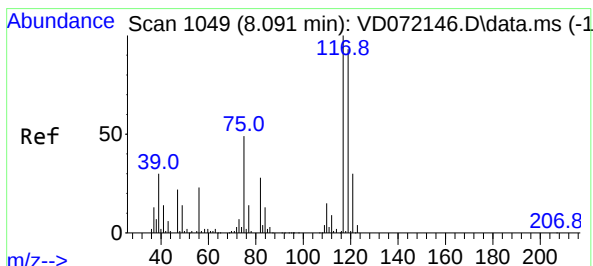
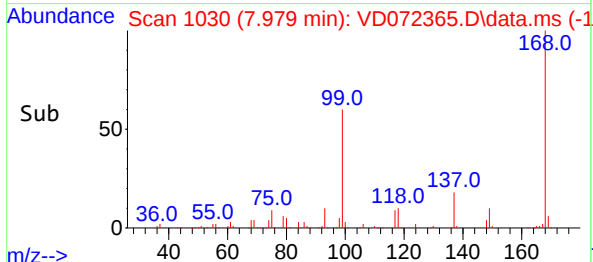
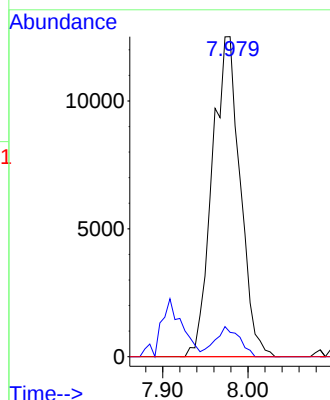
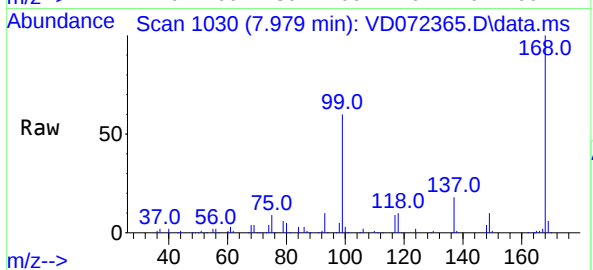




#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. -0.129 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

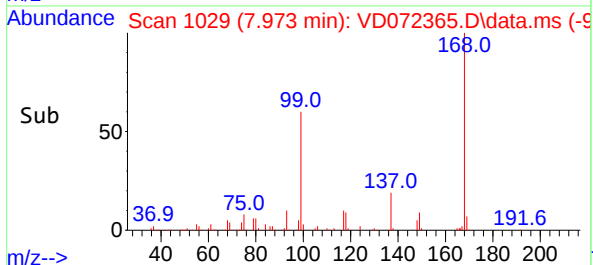
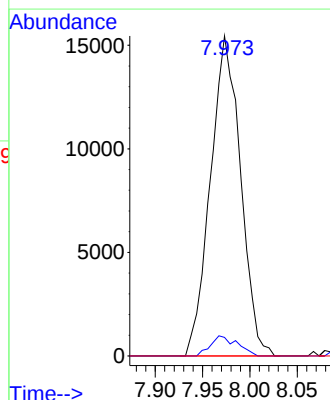
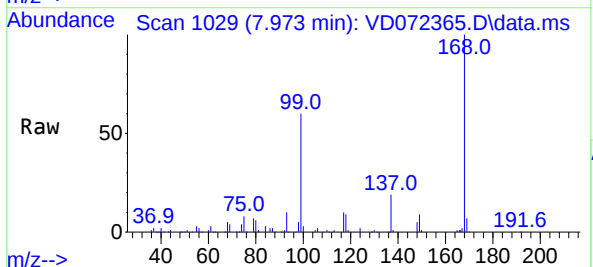
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

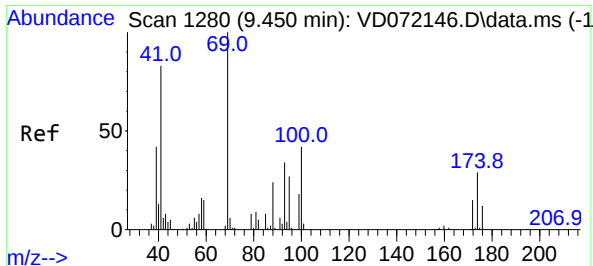
Tgt Ion: 75 Resp: 28444
Ion Ratio Lower Upper
75 100
110 8.2 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.306 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

Tgt Ion: 117 Resp: 34207
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.5 36.7#

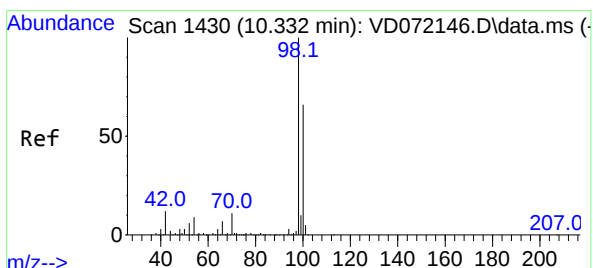
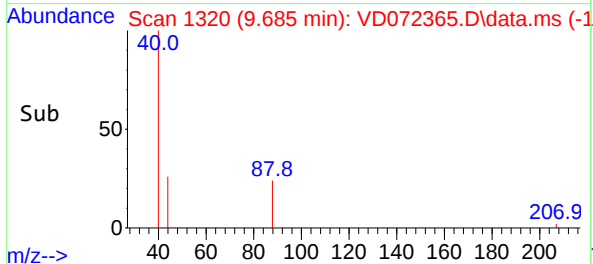
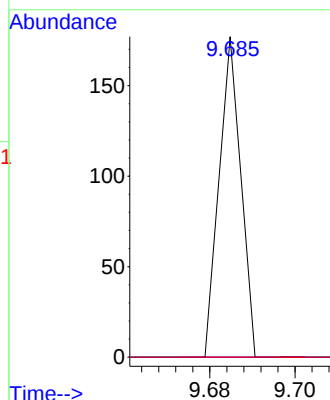
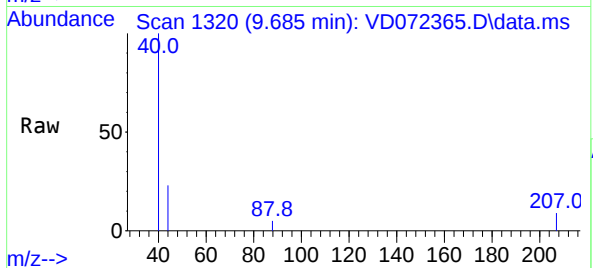




#49
1,4-Dioxane
Concen: 2.369 ug/l
RT: 9.685 min Scan# 11
Delta R.T. 0.235 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

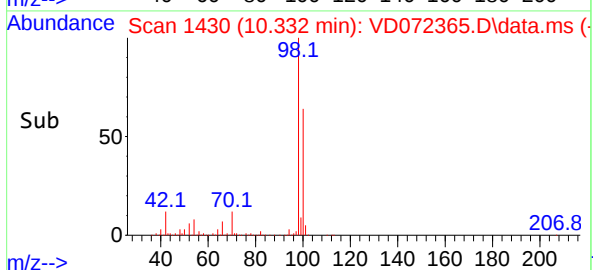
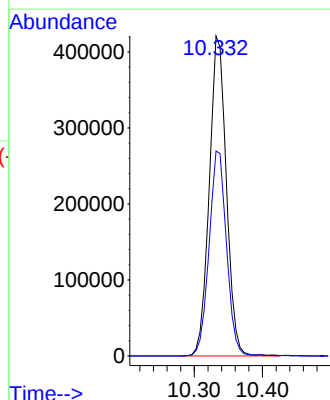
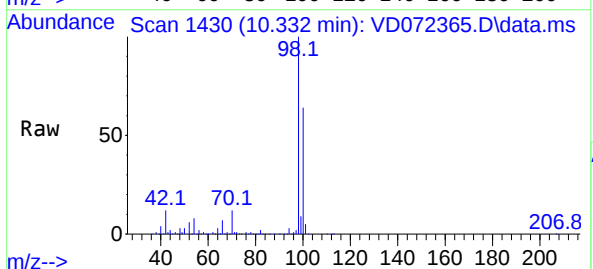
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SB-06-4.5-5.0

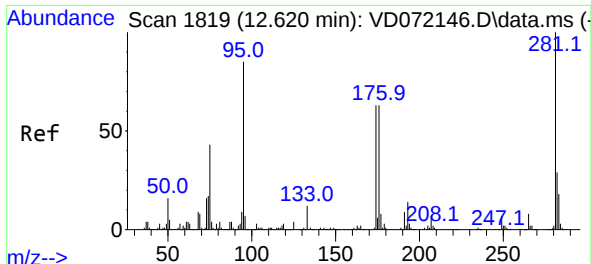
Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 49.670 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

Tgt Ion: 98 Resp: 734205
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

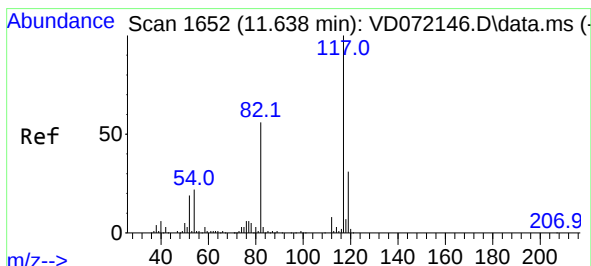
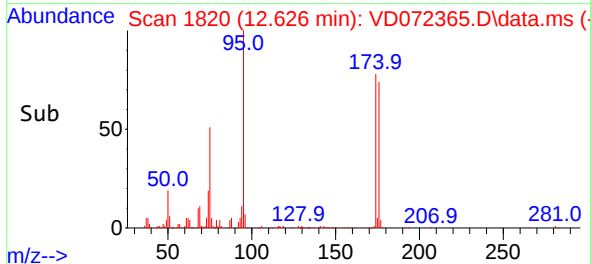
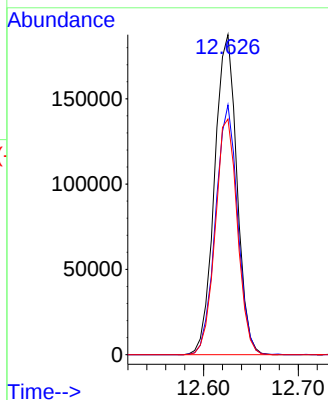
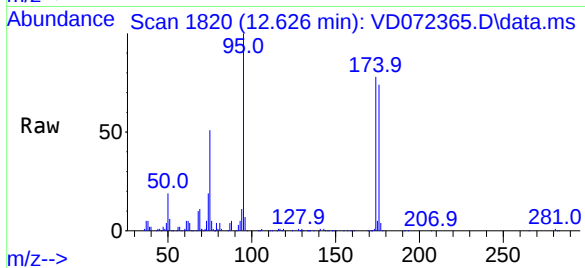




#62
4-Bromofluorobenzene
Concen: 53.593 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

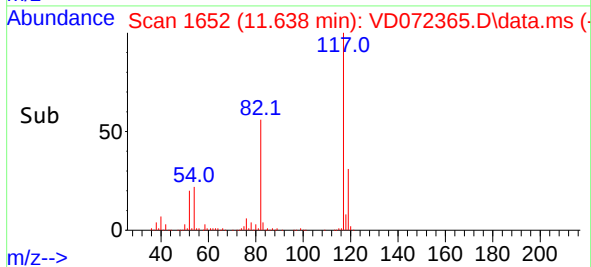
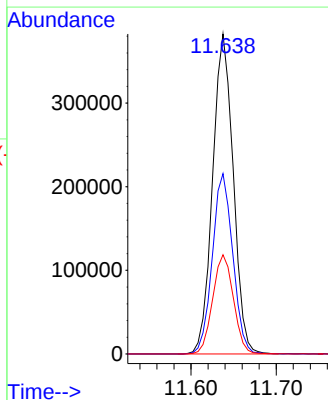
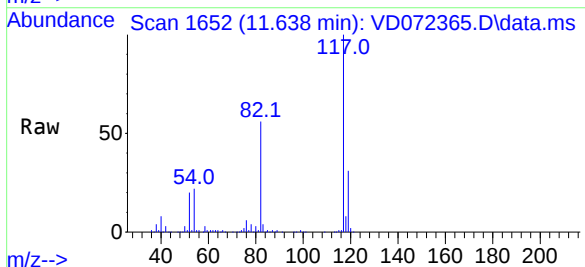
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

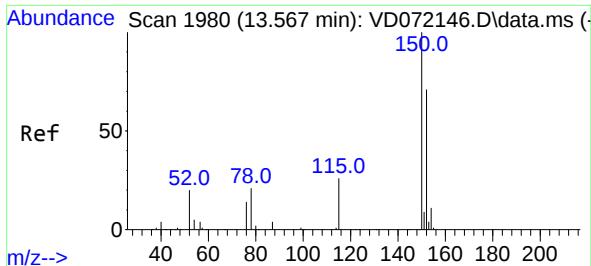
Tgt Ion: 95 Resp: 307811
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

Tgt Ion: 117 Resp: 645008
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 31.0 26.6 40.0

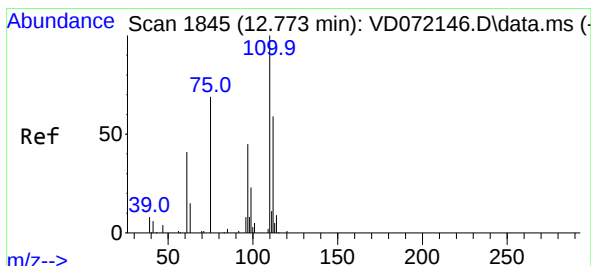
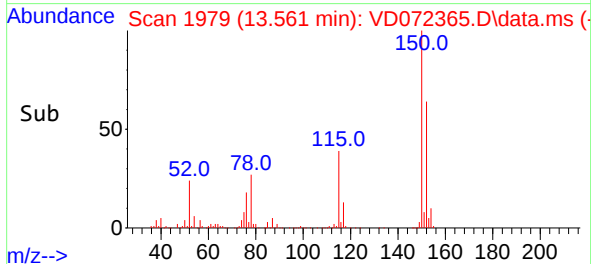
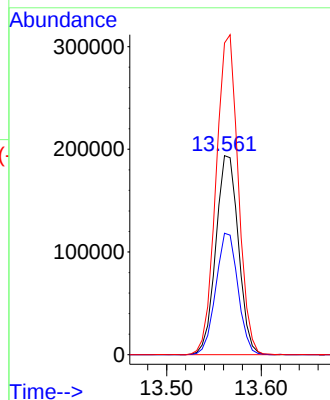
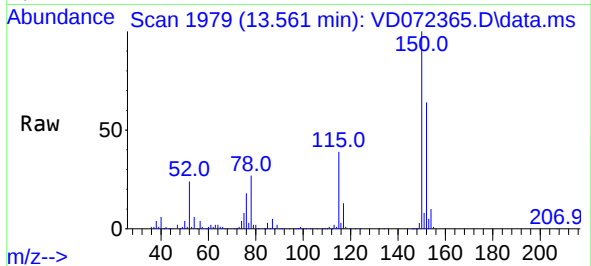




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

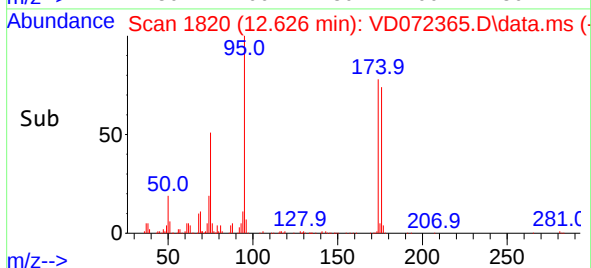
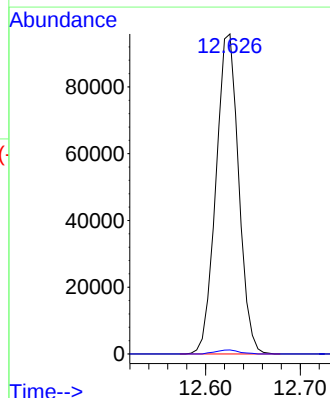
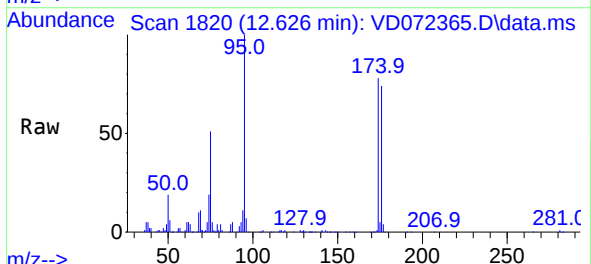
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

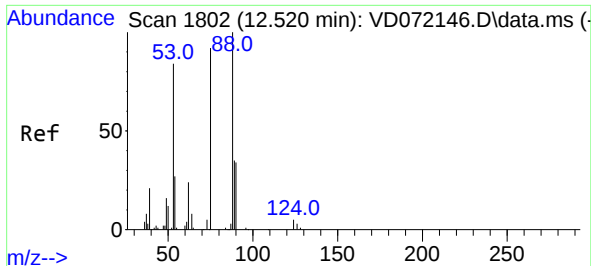
Tgt Ion:152 Resp: 321182
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 157.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 45.089 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

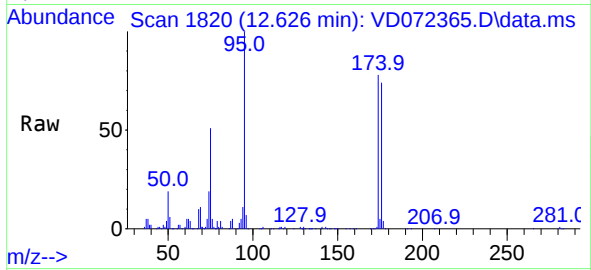
Tgt Ion: 75 Resp: 159748
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.871 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072365.D
Acq: 22 Mar 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0



Tgt Ion: 75 Resp: 159748
Ion Ratio Lower Upper
75 100
53 0.4 86.5 129.7#
89 0.0 33.9 50.9#

