

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072336.D
 Acq On : 21 Mar 2022 13:17
 Operator : VA/SY
 Sample : N1949-04
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-2-3

Quant Time: Mar 22 02:11:05 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	390012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	357565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200989	46.242	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.480%		
35) Dibromofluoromethane	7.914	113	209170	44.818	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.640%		
50) Toluene-d8	10.338	98	827358	48.482	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.960%		
62) 4-Bromofluorobenzene	12.626	95	355501	53.614	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.220%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	633	2.378	ug/l #	60
16) Acetone	4.162	43	3745	3.968	ug/l #	82
17) Carbon Disulfide	4.420	76	4243	1.993	ug/l	98
20) Methylene Chloride	4.962	84	34577	1.122	ug/l	90
31) Cyclohexane	7.973	56	8931	1.315	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	33213	5.073	ug/l #	52
38) Carbon Tetrachloride	7.973	117	42260	5.678	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	189134	47.952	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	189134	118.973	ug/l #	7

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

Quant Time: Mar 22 02:11:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

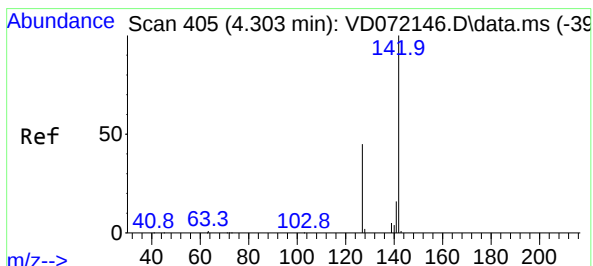
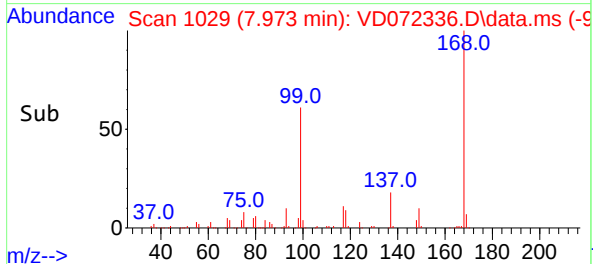
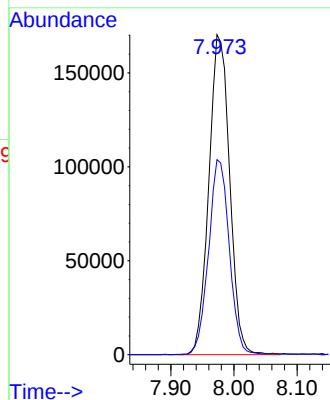
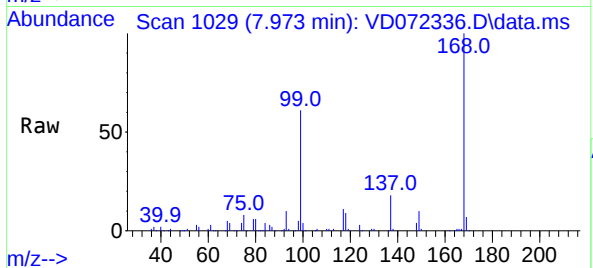




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

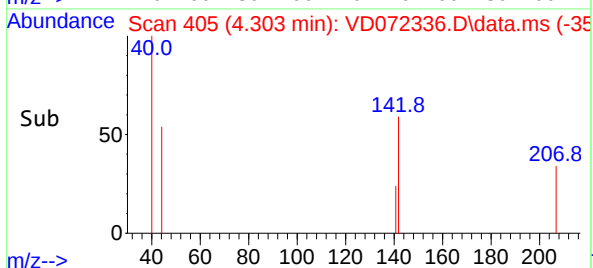
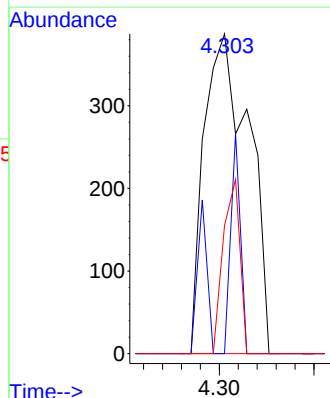
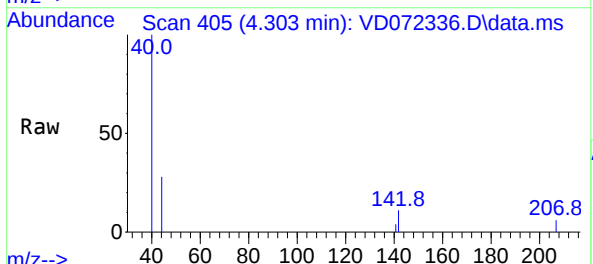
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-2-3

Tgt Ion:168 Resp: 390012
Ion Ratio Lower Upper
168 100
99 60.9 49.8 74.6



#10
Methyl Iodide
Concen: 2.378 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

Tgt Ion:142 Resp: 633
Ion Ratio Lower Upper
142 100
127 14.8 37.3 55.9#
141 20.4 11.7 17.5#

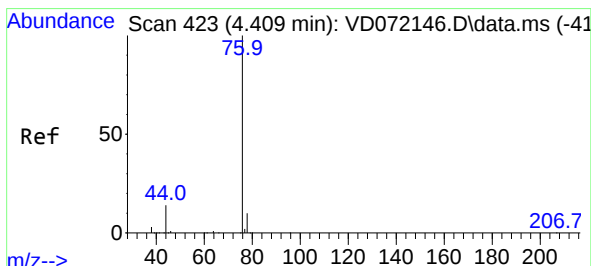
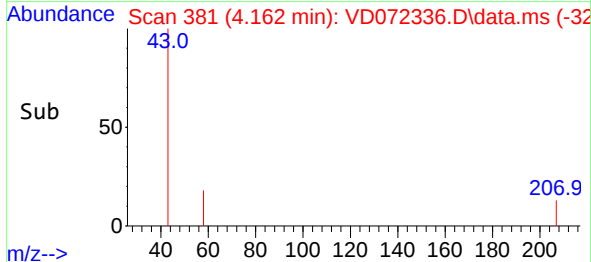
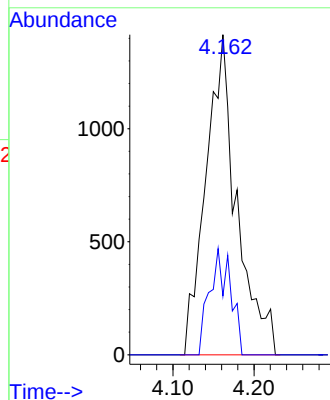
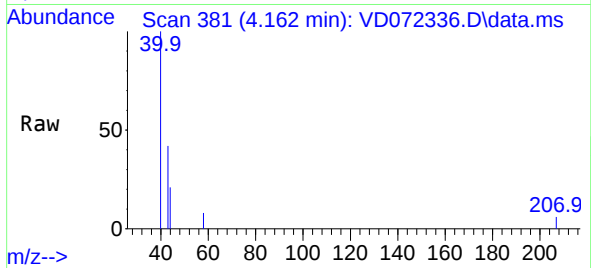




#16
Acetone
Concen: 3.968 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

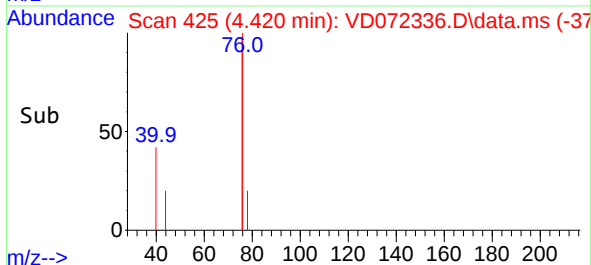
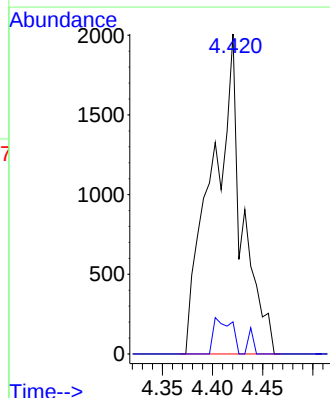
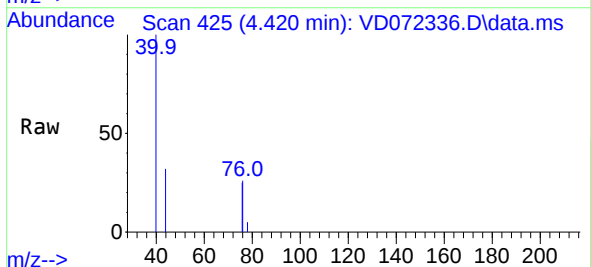
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-2-3

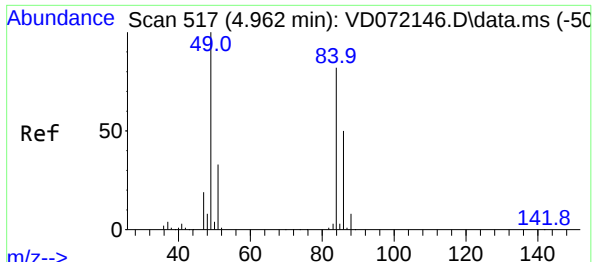
Tgt Ion: 43 Resp: 3745
Ion Ratio Lower Upper
43 100
58 18.4 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.993 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.011 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

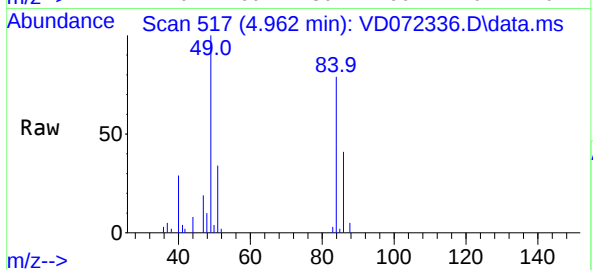
Tgt Ion: 76 Resp: 4243
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3





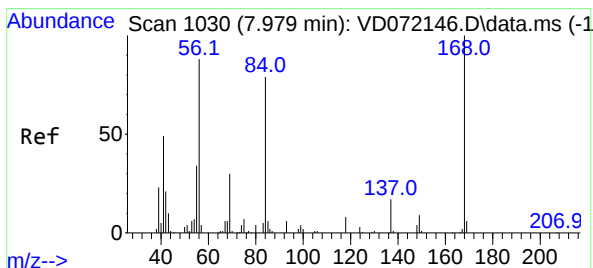
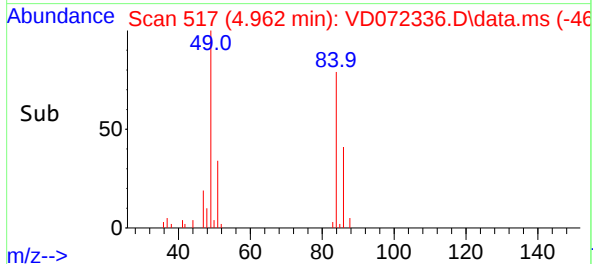
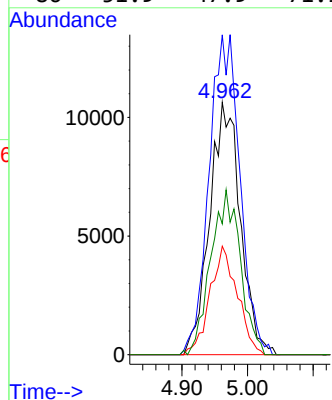
#20
Methylene Chloride
Concen: 1.122 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-2-3



Tgt Ion: 84 Resp: 34577

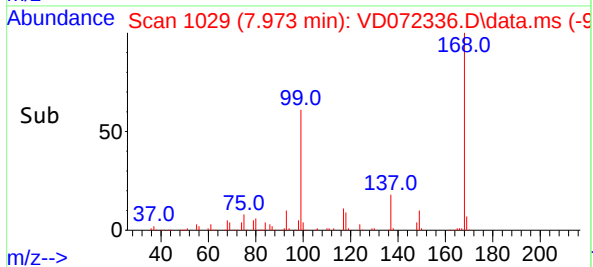
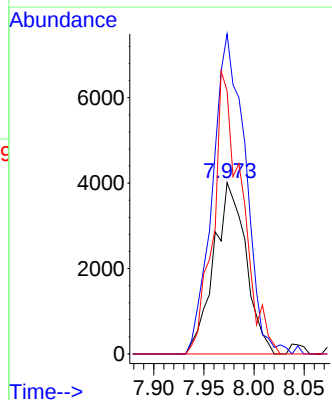
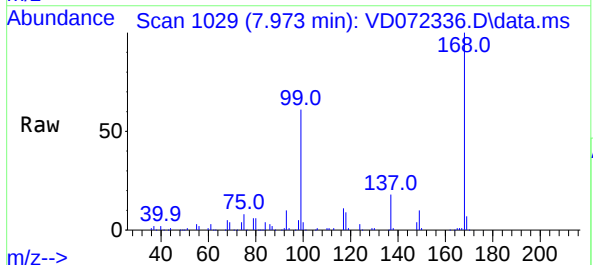
Ion	Ratio	Lower	Upper
84	100		
49	126.8	112.8	169.2
51	43.0	32.6	48.8
86	51.9	47.9	71.9

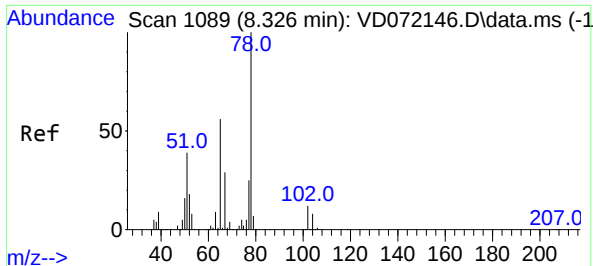


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 56 Resp: 8931

Ion	Ratio	Lower	Upper
56	100		
69	186.7	25.4	38.2#
84	153.5	63.0	94.4#

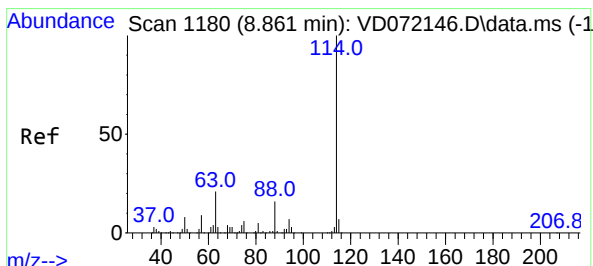
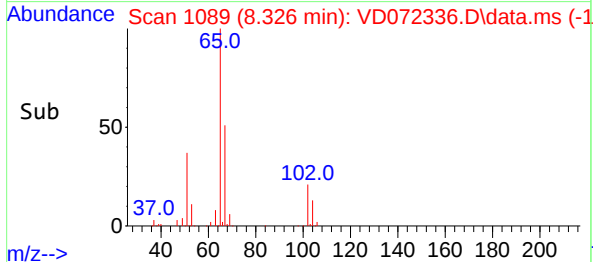
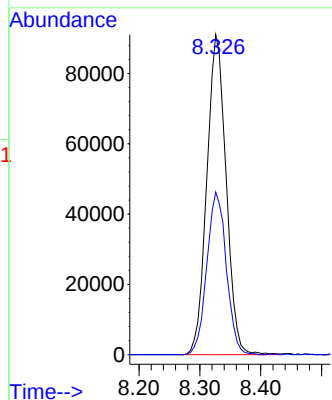
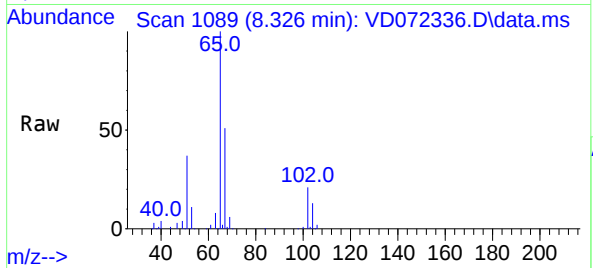




#33
1,2-Dichloroethane-d4
Concen: 46.242 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

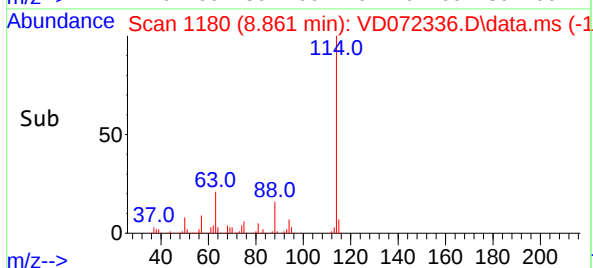
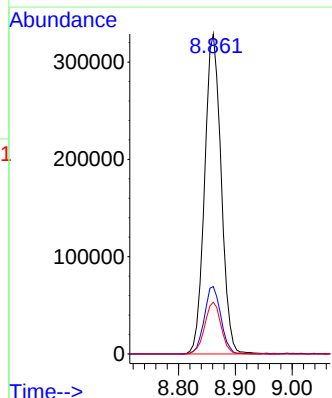
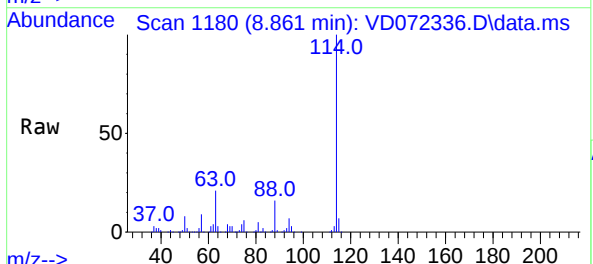
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-2-3

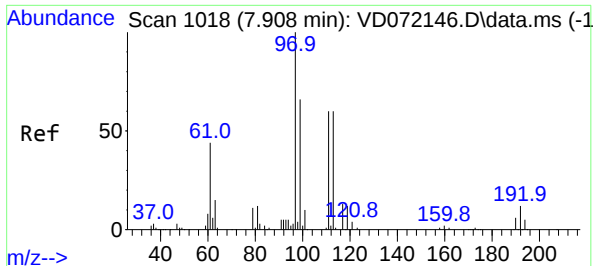
Tgt Ion: 65 Resp: 200989
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 114 Resp: 663209
Ion Ratio Lower Upper
114 100
63 21.1 0.0 46.6
88 16.2 0.0 33.2

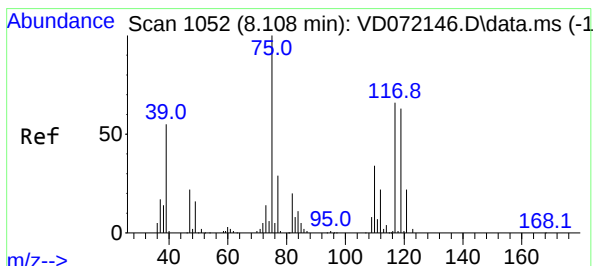
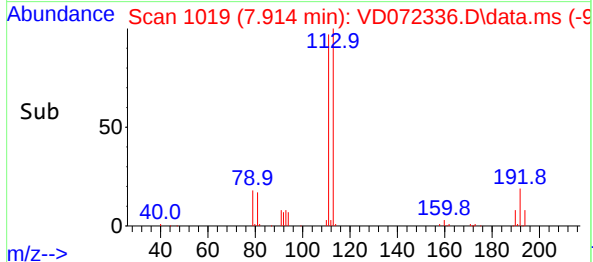
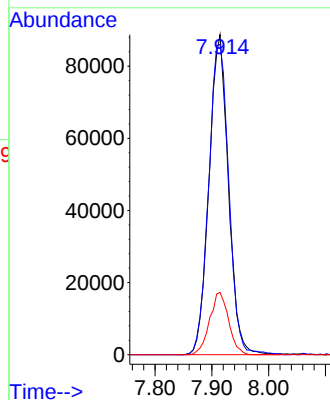
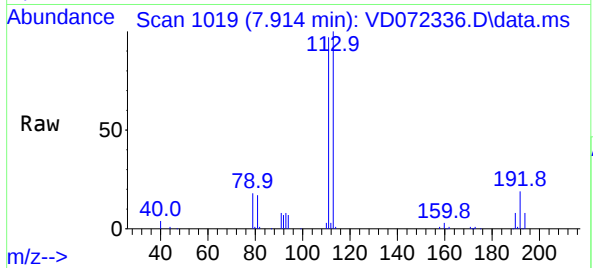




#35
Dibromofluoromethane
Concen: 44.818 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

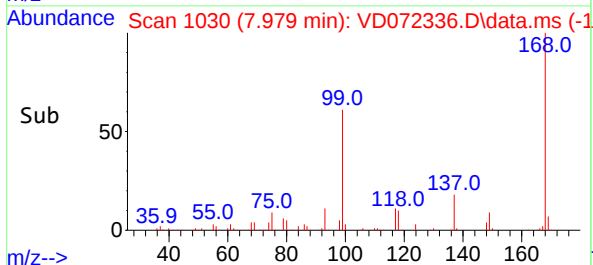
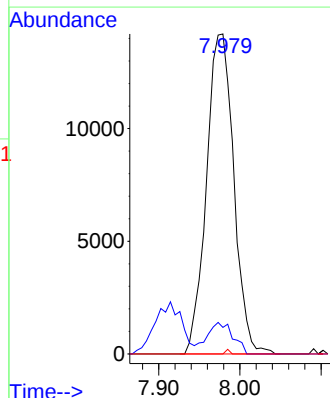
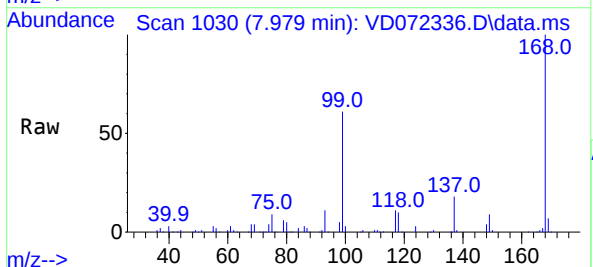
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-2-3

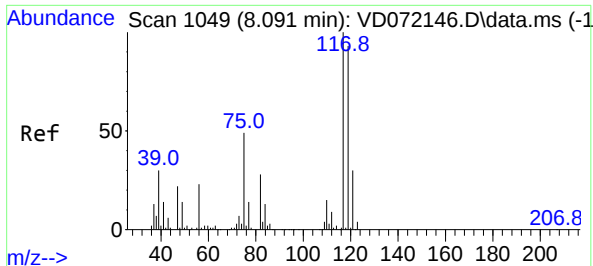
Tgt Ion:113 Resp: 209170
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 19.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.073 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 75 Resp: 33213
Ion Ratio Lower Upper
75 100
110 9.3 16.4 49.1#
77 0.2 24.2 36.2#

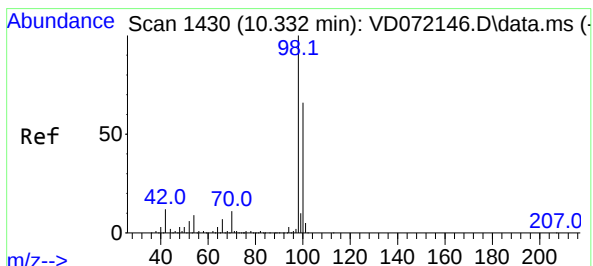
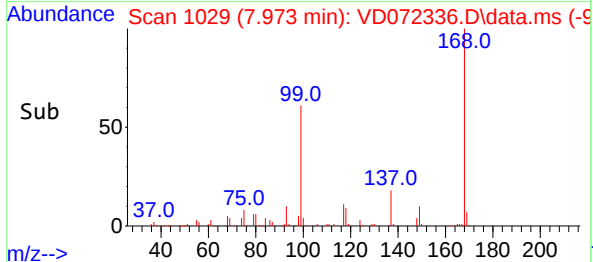
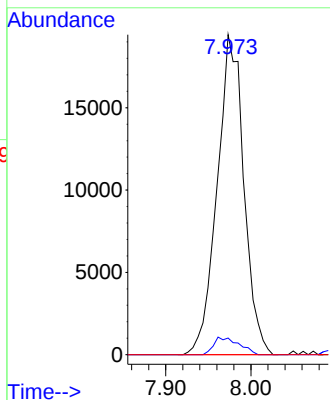
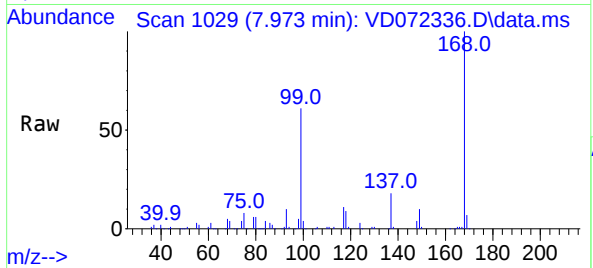




#38
Carbon Tetrachloride
Concen: 5.678 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

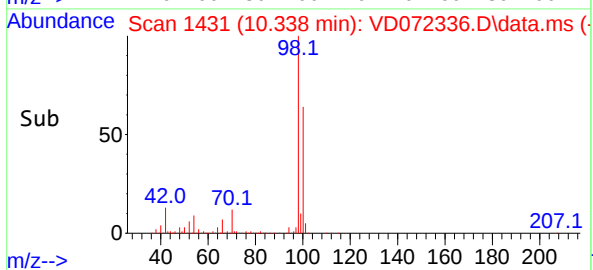
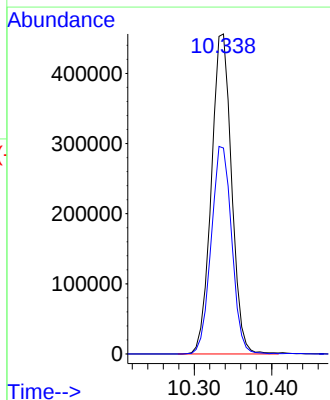
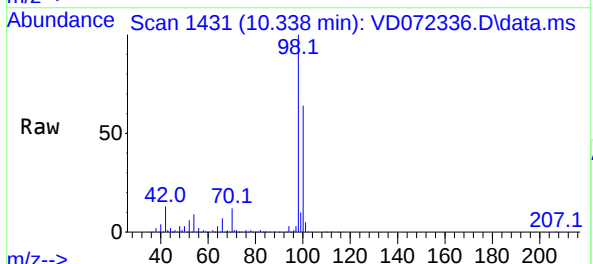
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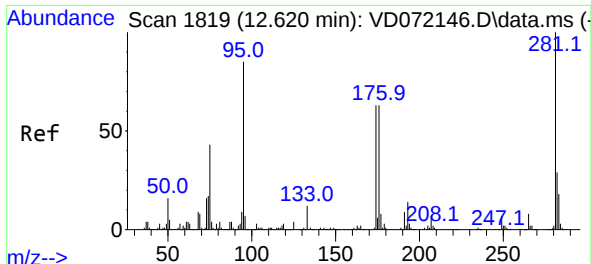
Tgt Ion:117 Resp: 42260
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.482 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 98 Resp: 827358
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

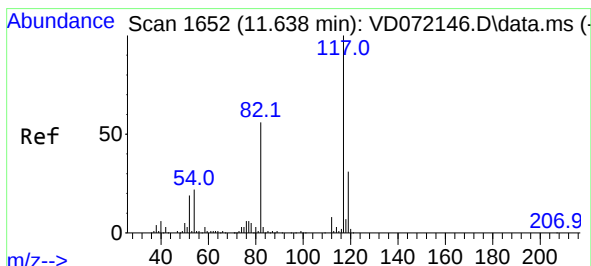
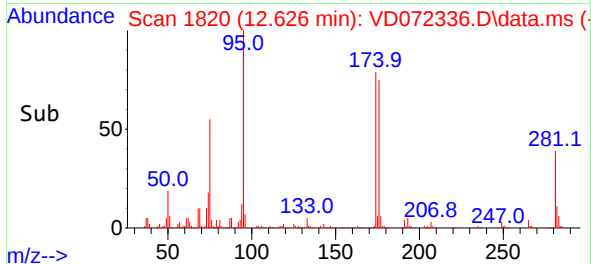
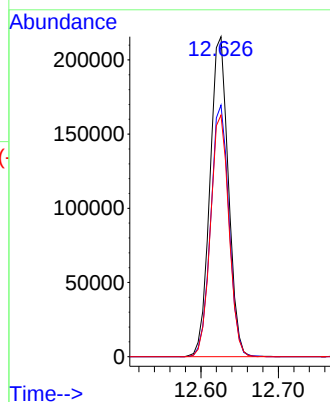
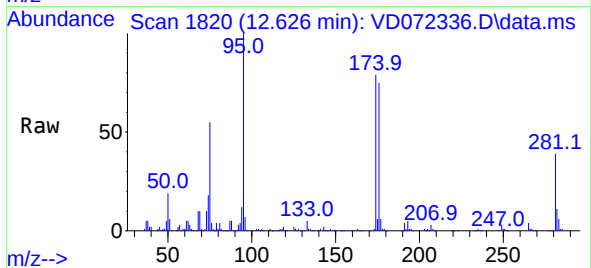




#62
4-Bromofluorobenzene
Concen: 53.614 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

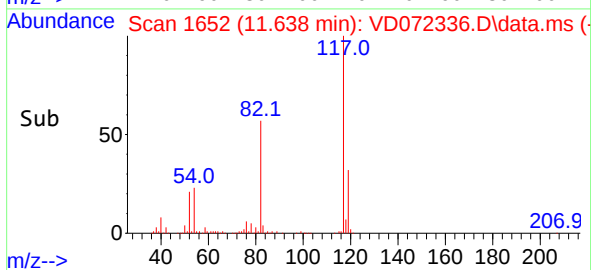
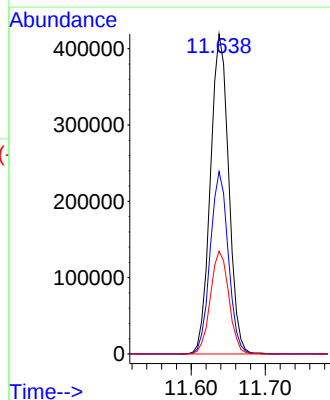
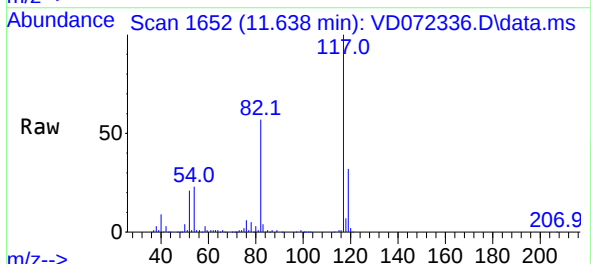
Instrument :
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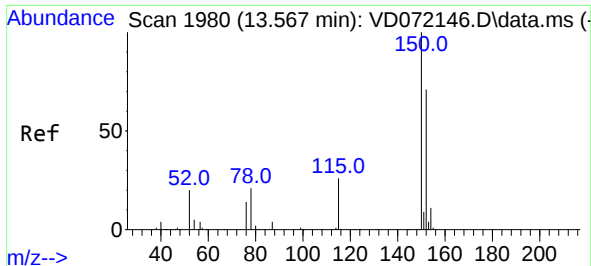
Tgt Ion:	95	Resp:	355501
Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	152.8
176	75.3	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

Tgt Ion:	117	Resp:	718094
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.3	67.9
119	32.1	26.6	40.0

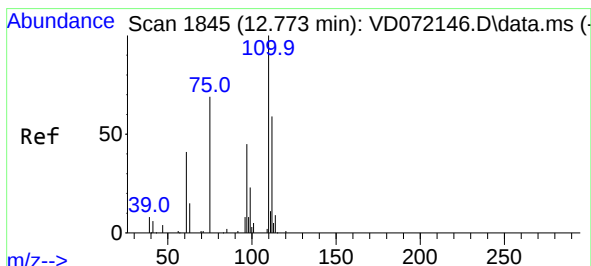
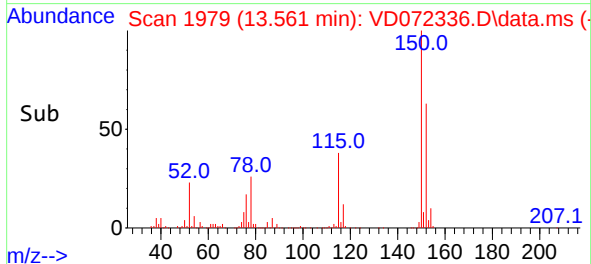
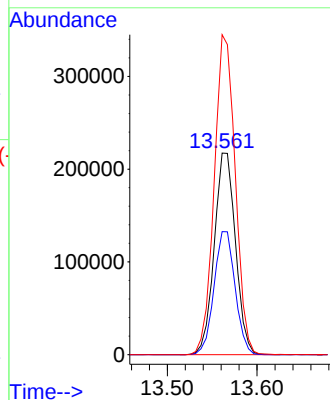
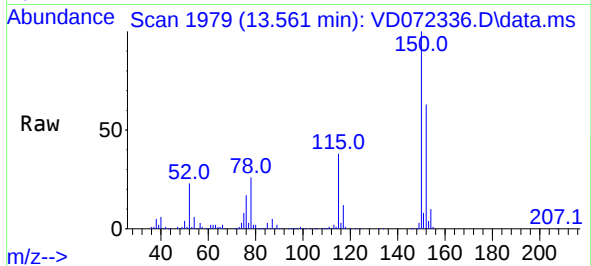




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

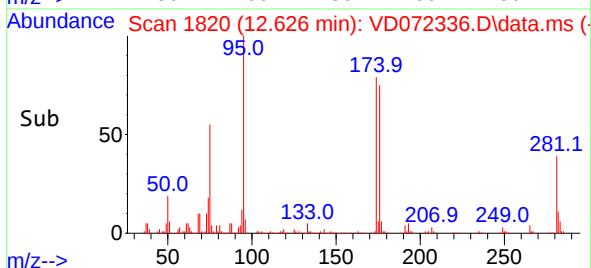
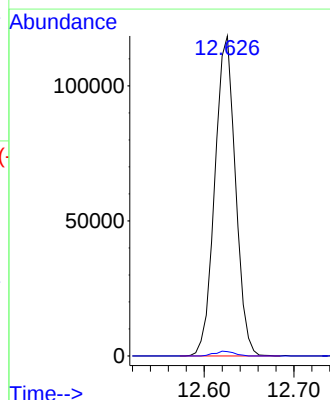
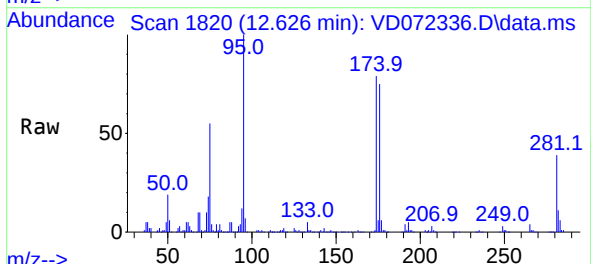
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-2-3

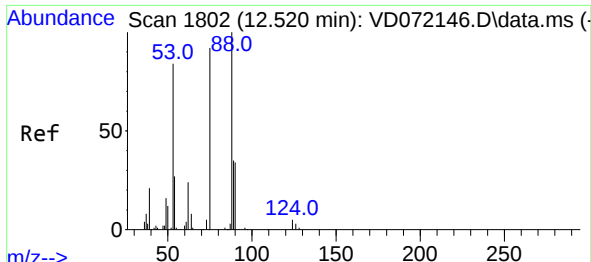
Tgt Ion:152 Resp: 357565
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.952 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072336.D
Acq: 21 Mar 2022 13:17

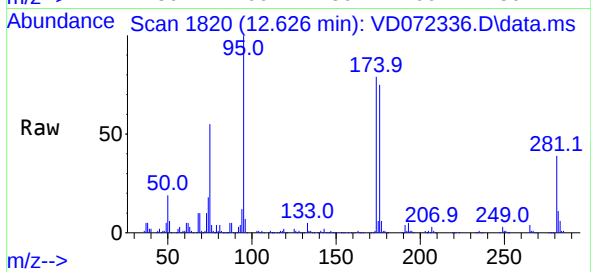
Tgt Ion: 75 Resp: 189134
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.973 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072336.D
 Acq: 21 Mar 2022 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-2-3



Tgt Ion: 75 Resp: 189134
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.5 33.9 50.9#

