

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072217.D
 Acq On : 16 Mar 2022 14:40
 Operator : VA/SY
 Sample : N1908-01
 Misc : 4.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-9-3

Quant Time: Mar 16 15:36:56 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

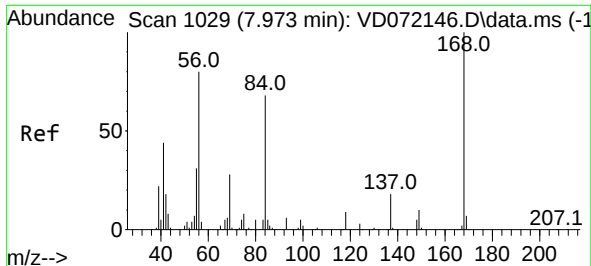
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	480262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	773537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	793370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226622	42.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.680%
35) Dibromofluoromethane	7.914	113	239630	44.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.040%
50) Toluene-d8	10.332	98	946123	47.534	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.626	95	369031	47.717	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.440%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	1263	2.472	ug/l #	68
11) Tert butyl alcohol	5.209	59	403	1.299	ug/l #	74
16) Acetone	4.156	43	4028	3.466	ug/l #	86
17) Carbon Disulfide	4.409	76	5218	1.992	ug/l #	74
20) Methylene Chloride	4.961	84	12070	Below Cal	#	74
31) Cyclohexane	7.973	56	12256	1.466	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	38327	5.019	ug/l #	51
38) Carbon Tetrachloride	7.973	117	48784	5.620	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	188860	51.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	188860	128.675	ug/l #	7

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

Quant Time: Mar 16 15:36:56 2022
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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

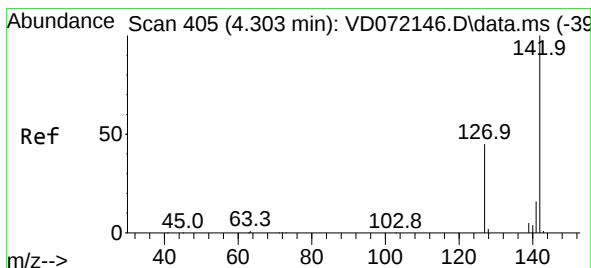
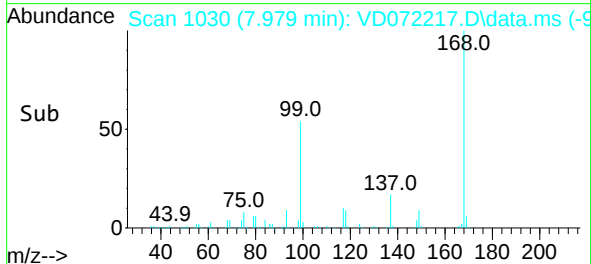
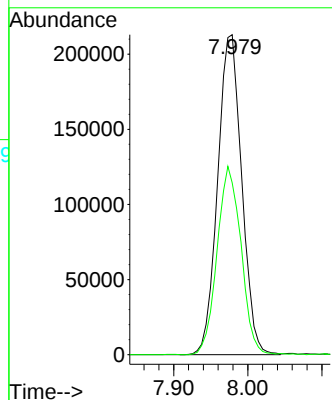
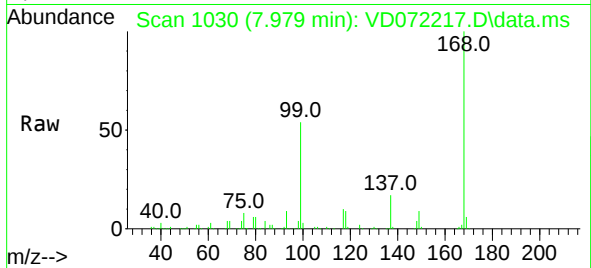




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

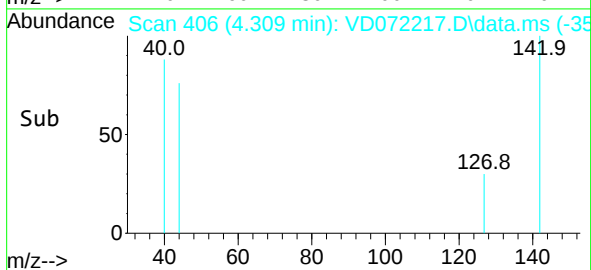
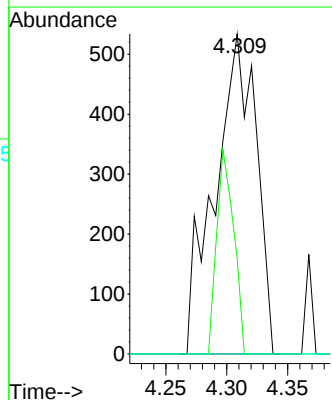
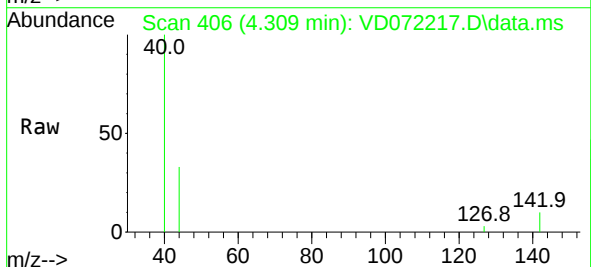
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-3

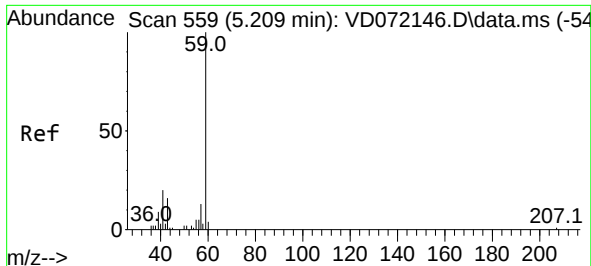
Tgt Ion:168 Resp: 480262
Ion Ratio Lower Upper
168 100
99 53.7 49.8 74.6



#10
Methyl Iodide
Concen: 2.472 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

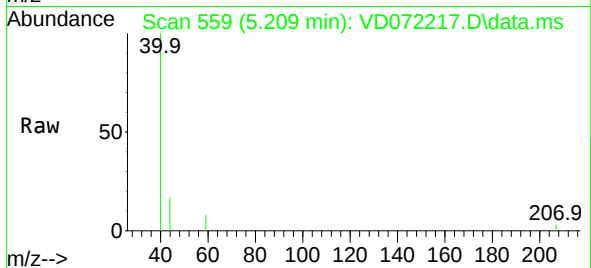
Tgt Ion:142 Resp: 1263
Ion Ratio Lower Upper
142 100
127 26.2 37.3 55.9#
141 0.0 11.7 17.5#



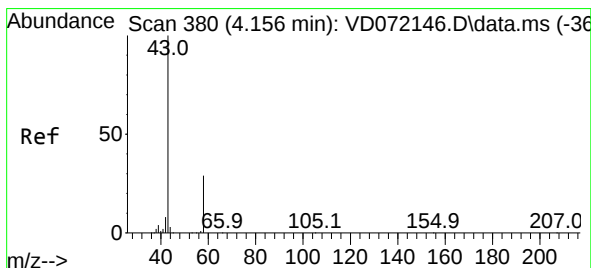
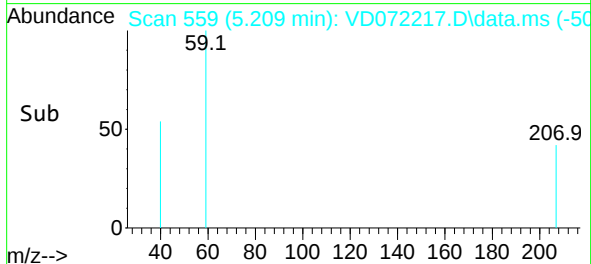
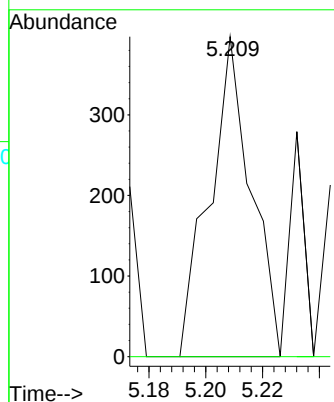


#11
Tert butyl alcohol
Concen: 1.299 ug/l
RT: 5.209 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-3

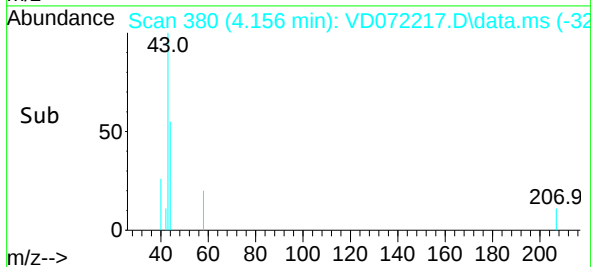
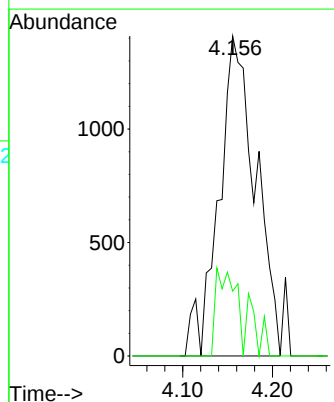
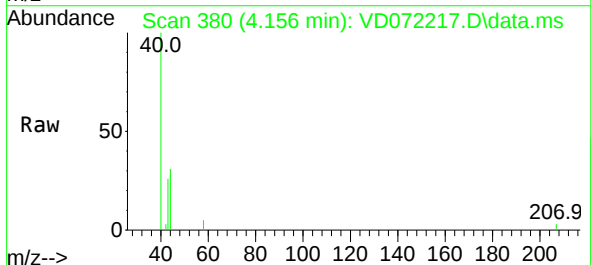


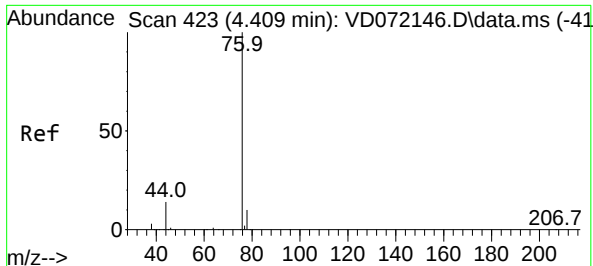
Tgt Ion: 59 Resp: 403
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.466 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

Tgt Ion: 43 Resp: 4028
Ion Ratio Lower Upper
43 100
58 20.3 22.1 33.1#

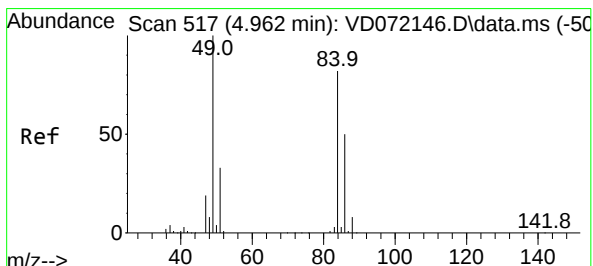
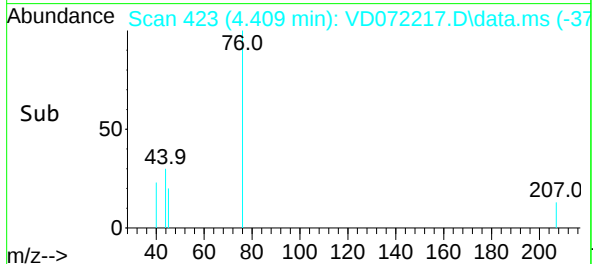
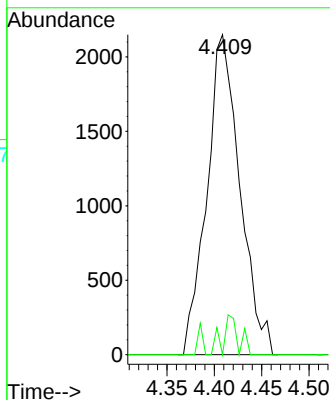
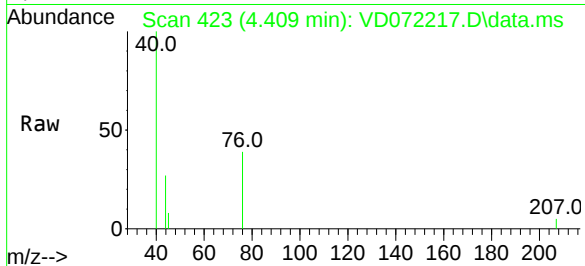




#17
Carbon Disulfide
Concen: 1.992 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

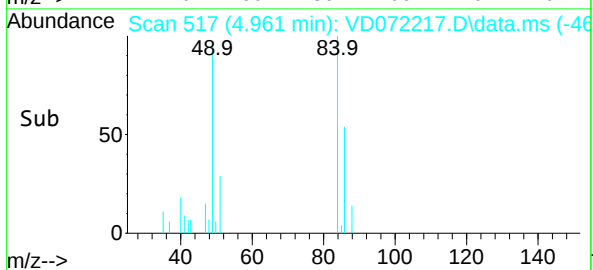
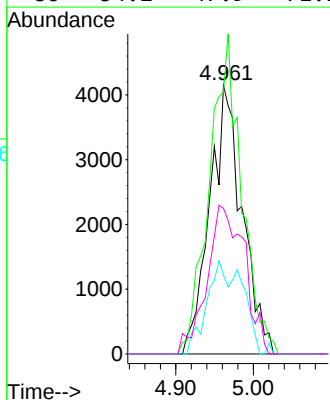
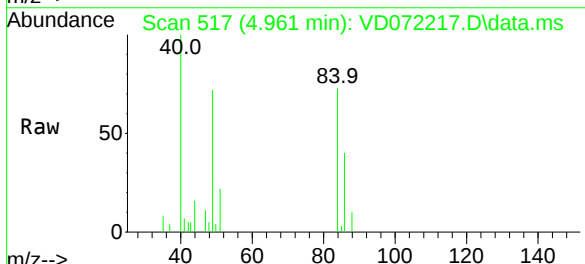
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-3

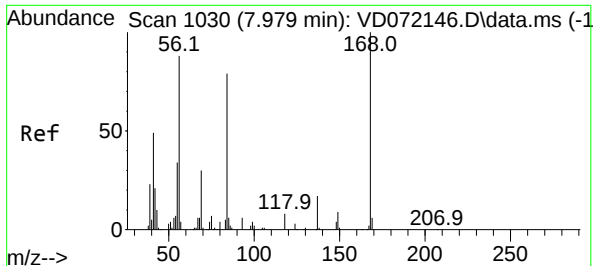
Tgt Ion: 76 Resp: 5218
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

Tgt Ion: 84 Resp: 12070
Ion Ratio Lower Upper
84 100
49 97.4 112.8 169.2#
51 29.3 32.6 48.8#
86 54.2 47.9 71.9

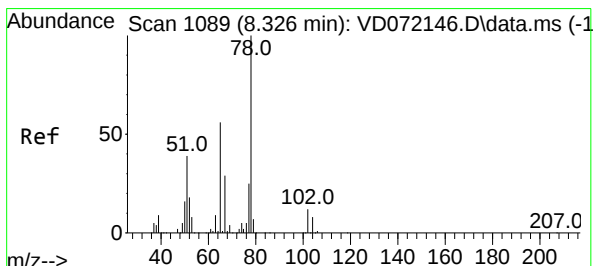
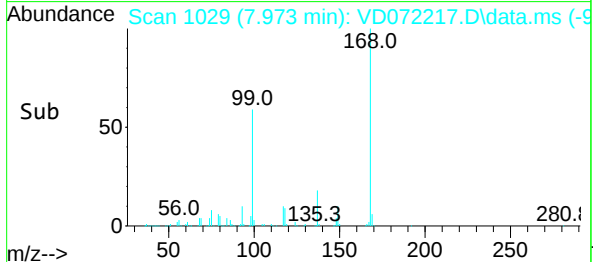
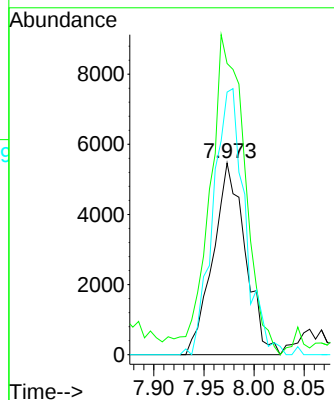
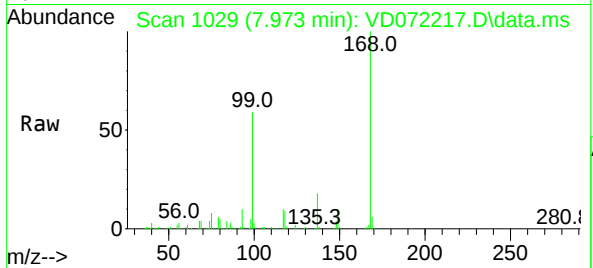




#31
Cyclohexane
Concen: 1.466 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

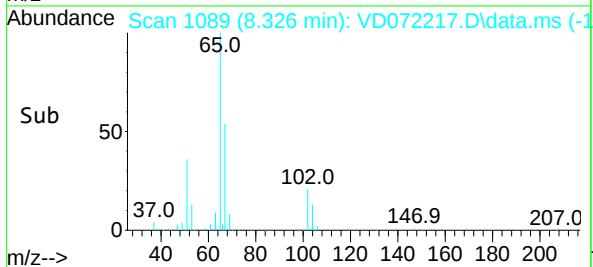
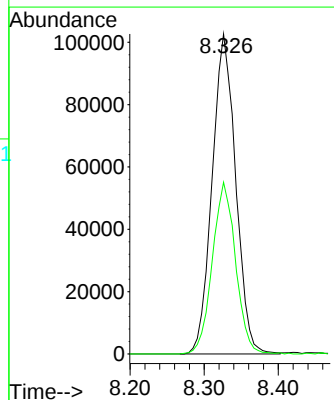
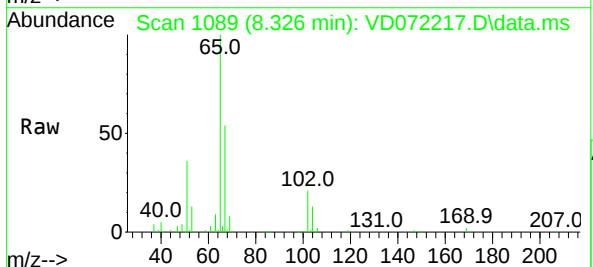
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-3

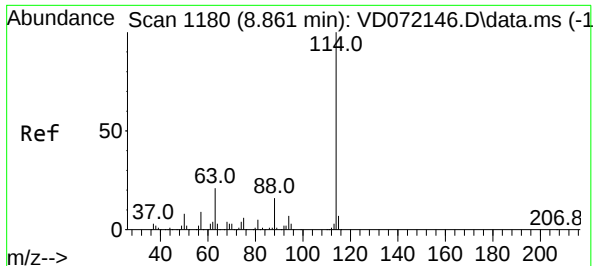
Tgt Ion: 56 Resp: 12256
Ion Ratio Lower Upper
56 100
69 151.9 25.4 38.2#
84 137.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 42.341 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

Tgt Ion: 65 Resp: 226622
Ion Ratio Lower Upper
65 100
67 52.9 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: VD072217.D

Acq: 16 Mar 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

WC-8-9-3

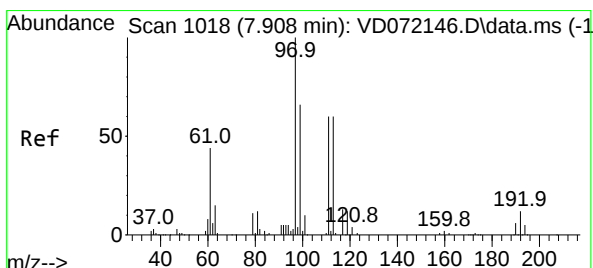
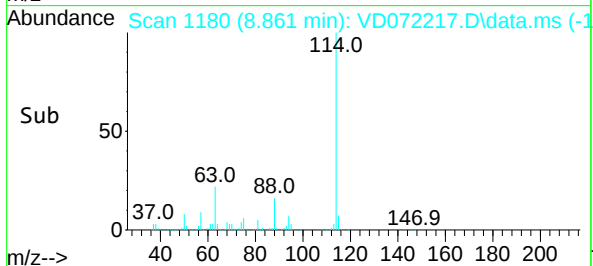
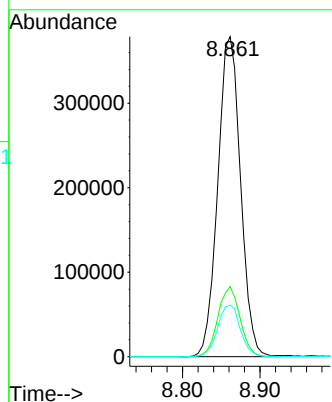
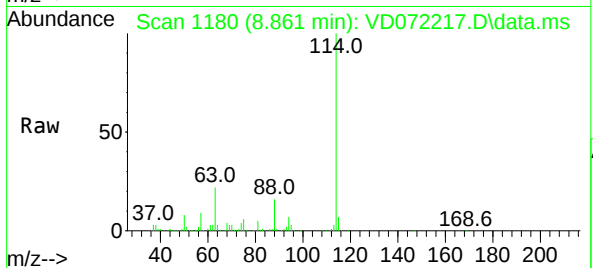
Tgt Ion:114 Resp: 773537

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.022 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072217.D

Acq: 16 Mar 2022 14:40

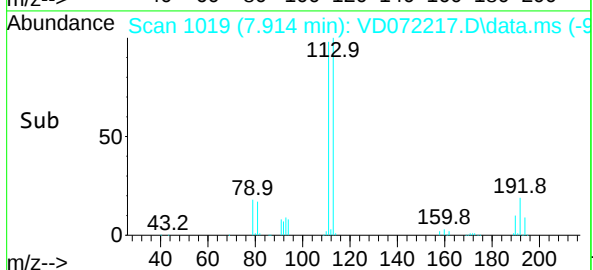
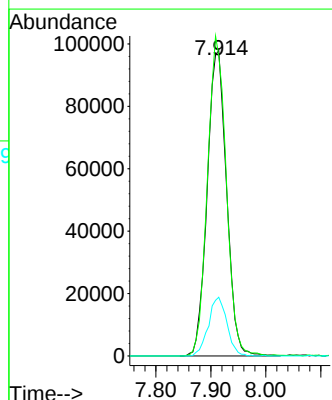
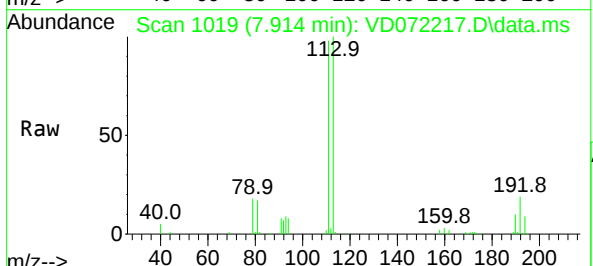
Tgt Ion:113 Resp: 239630

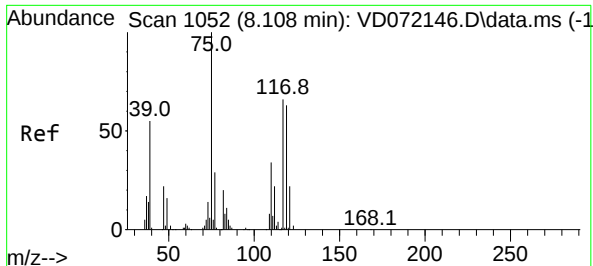
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.4 14.6 21.8

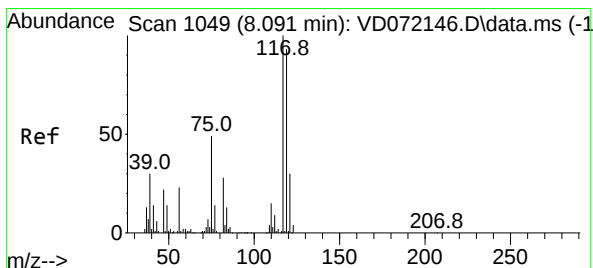
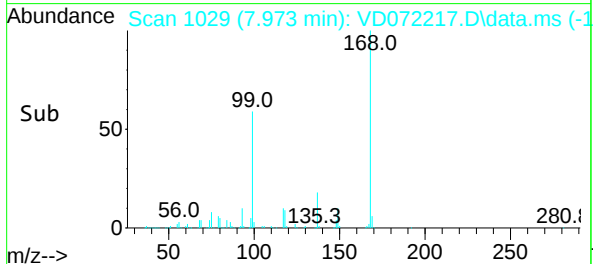
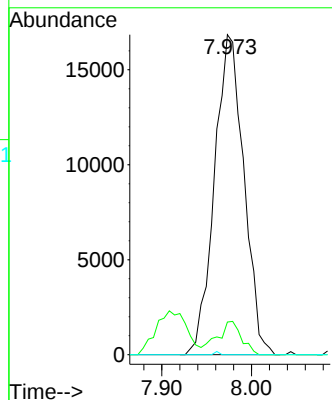
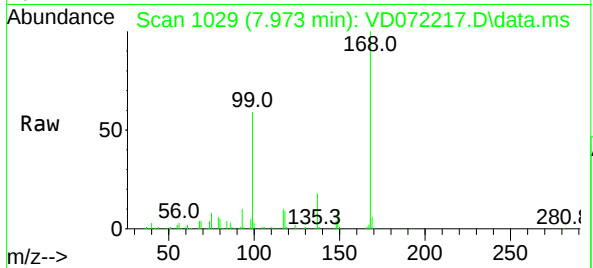




#36
1,1-Dichloropropene
Concen: 5.019 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

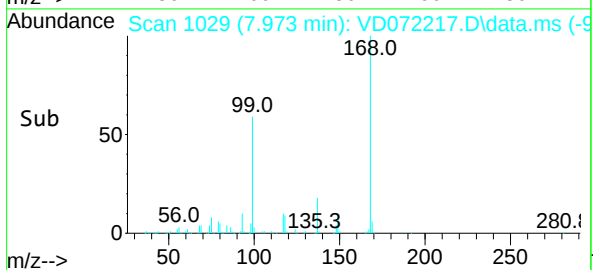
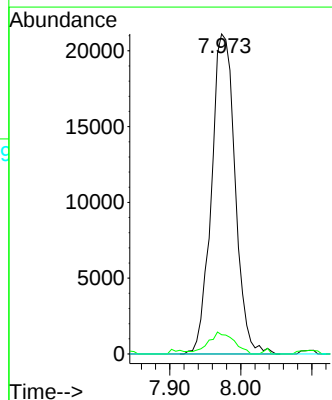
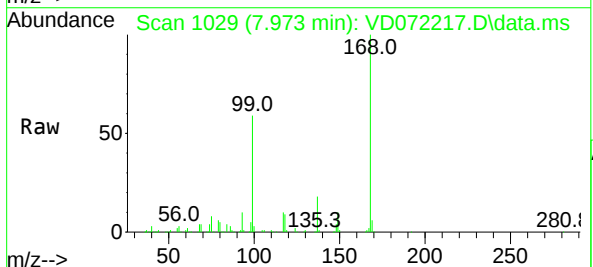
Instrument :
MSVOA_D
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WC-8-9-3

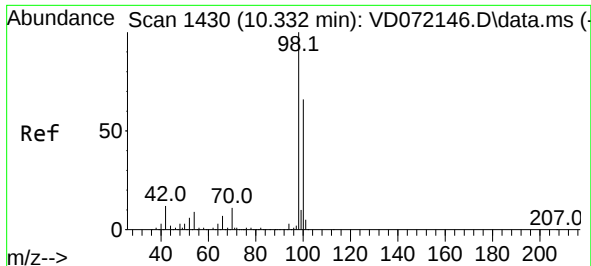
Tgt Ion: 75 Resp: 38327
Ion Ratio Lower Upper
75 100
110 8.6 16.4 49.1#
77 0.2 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.620 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

Tgt Ion: 117 Resp: 48784
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.5 36.7#

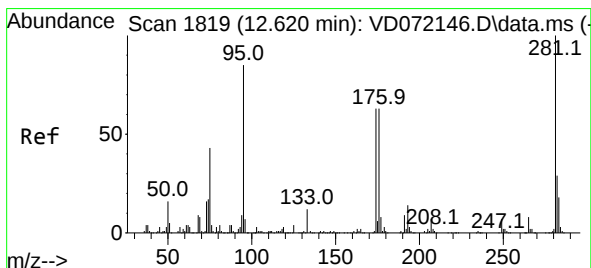
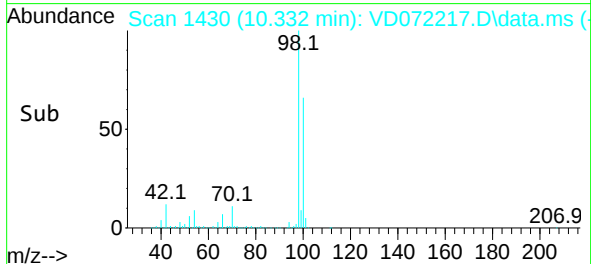
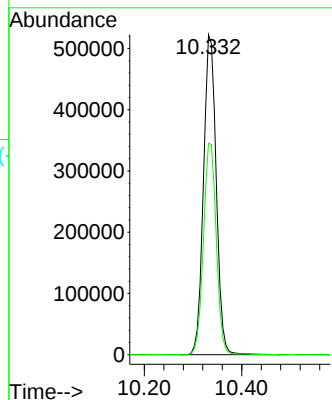
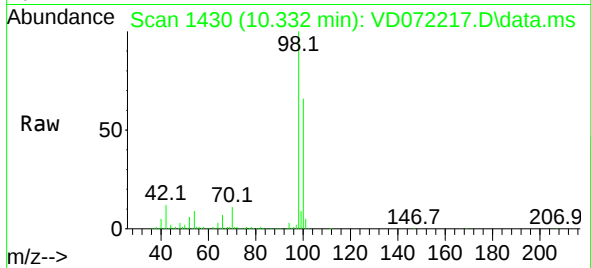




#50
Toluene-d8
Concen: 47.534 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

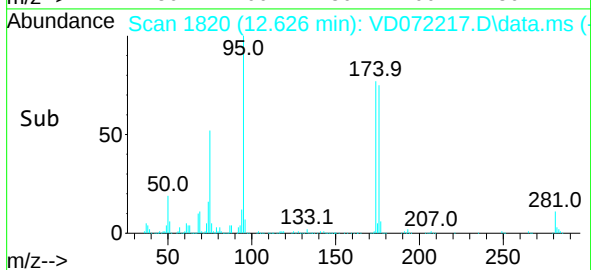
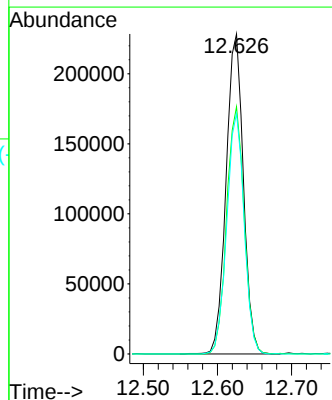
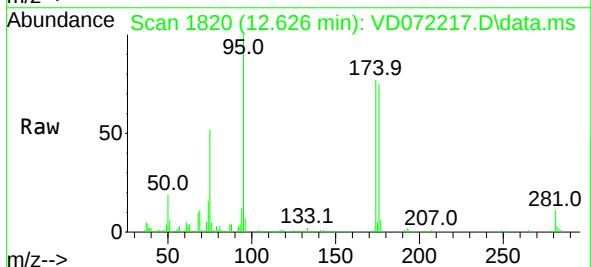
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-3

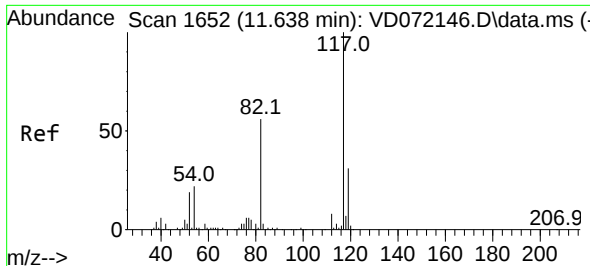
Tgt Ion: 98 Resp: 946123
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.717 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

Tgt Ion: 95 Resp: 369031
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 75.2 0.0 145.4

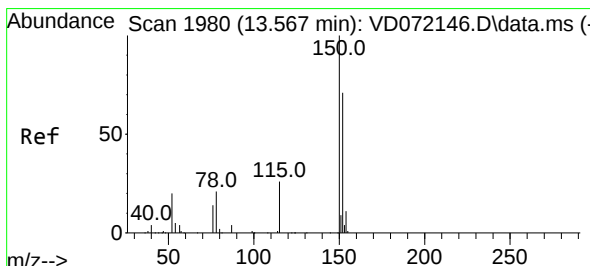
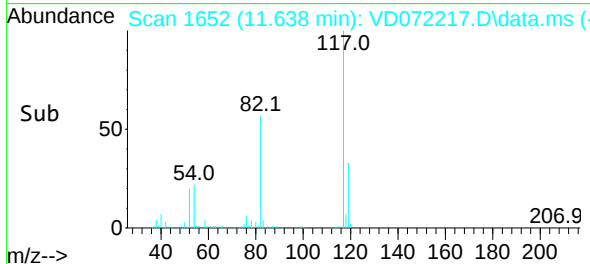
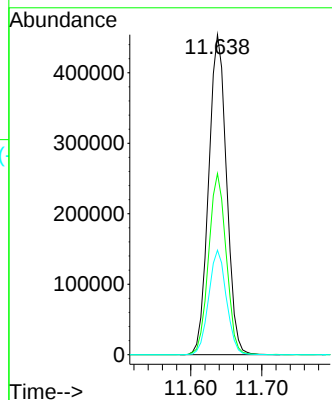
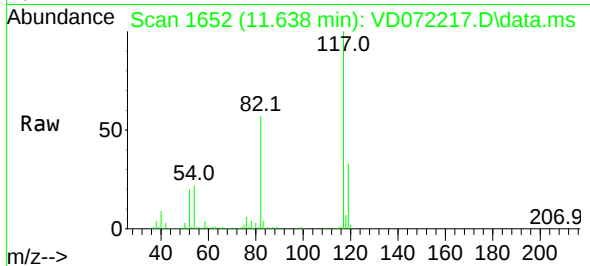




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

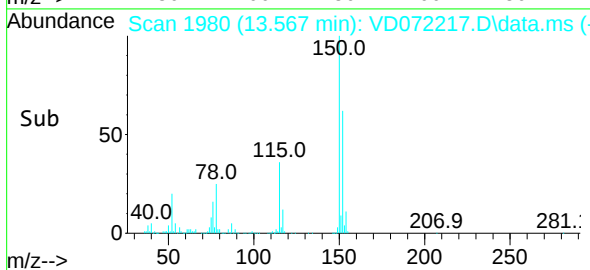
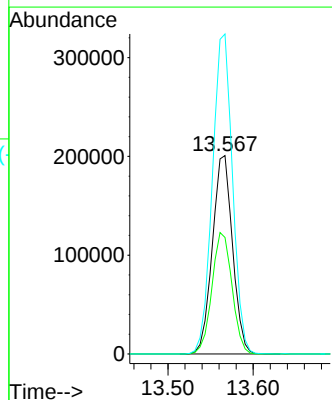
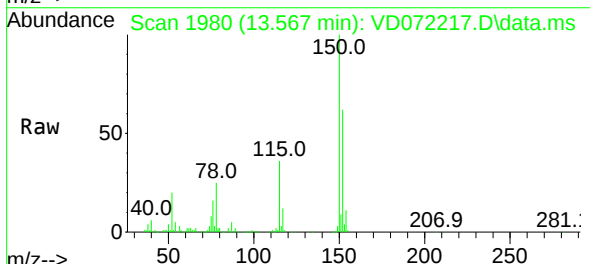
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-3

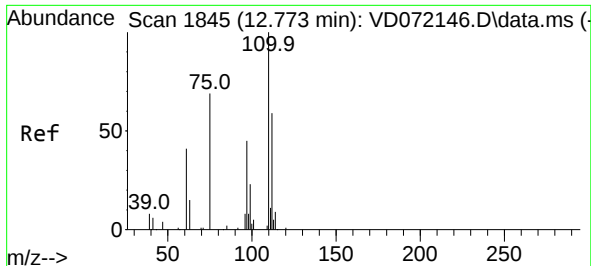
Tgt Ion:117 Resp: 793370
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

Tgt Ion:152 Resp: 330127
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 160.8 0.0 348.6

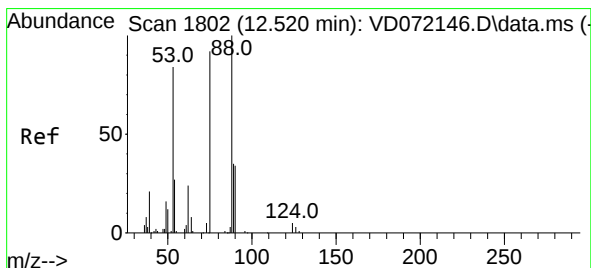
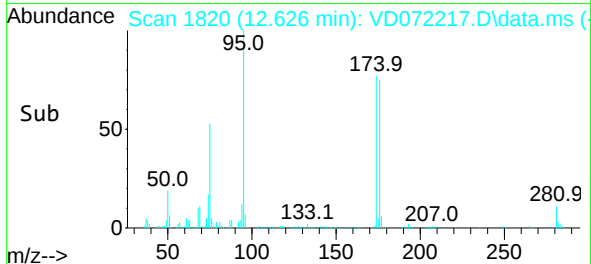
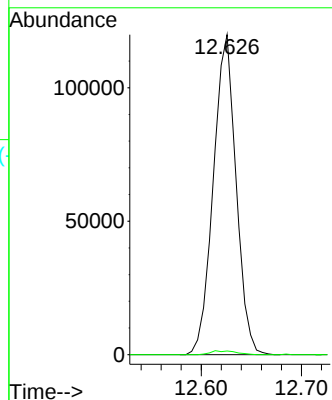
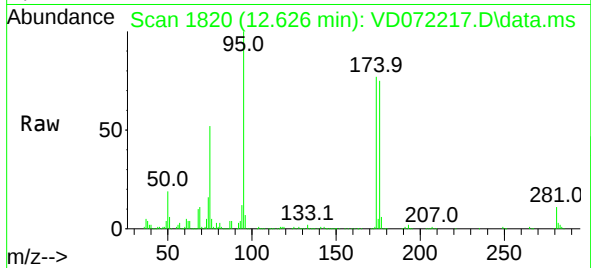




#76
1,2,3-Trichloropropane
Concen: 51.862 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-3

Tgt Ion: 75 Resp: 188860
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.675 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072217.D
Acq: 16 Mar 2022 14:40

Tgt Ion: 75 Resp: 188860
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#

