

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071868.D
 Acq On : 01 Feb 2022 13:18
 Operator : VA/SY
 Sample : N1340-05
 Misc : 6.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(1-1.5)

Quant Time: Feb 02 07:06:00 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

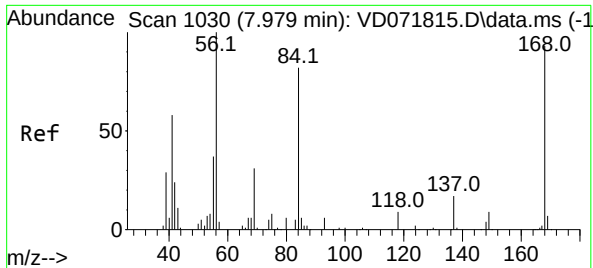
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	437317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	798215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	730631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	270239	48.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.780%
35) Dibromofluoromethane	7.914	113	258707	49.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.338	98	1013134	51.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.626	95	324138	47.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	224	Below Cal	#	74
16) Acetone	4.162	43	32929	21.763	ug/l	98
18) Methyl Acetate	4.726	43	5130	1.568	ug/l	96
25) 2-Butanone	7.220	43	9086	5.151	ug/l	93
31) Cyclohexane	7.979	56	12605	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	41142	4.569	ug/l #	51
38) Carbon Tetrachloride	7.979	117	47932	5.382	ug/l #	17
49) 1,4-Dioxane	9.608	88	65	1.735	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	185805	57.551	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	185805	141.504	ug/l #	7
95) Naphthalene	15.385	128	320	1.483	ug/l #	70

(#) = 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

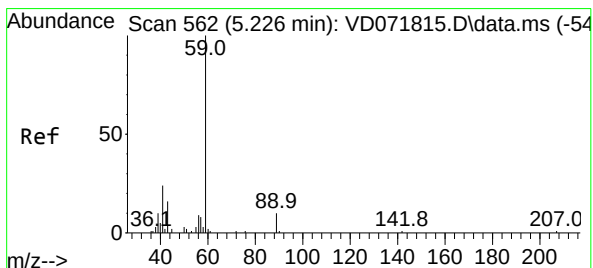
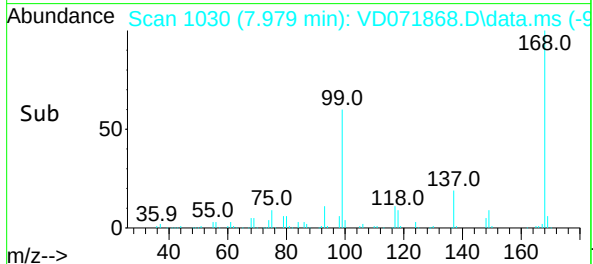
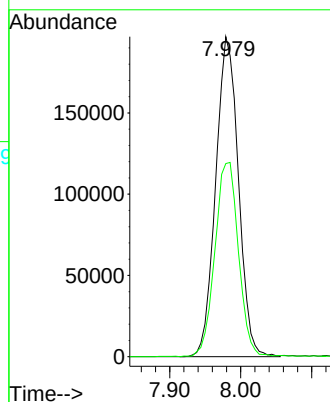
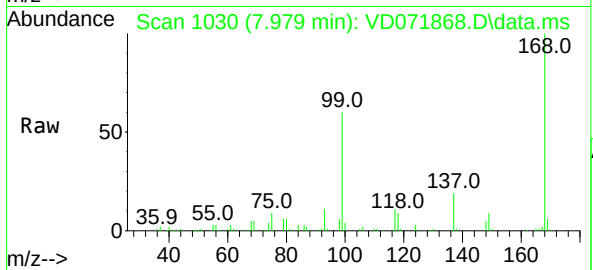




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

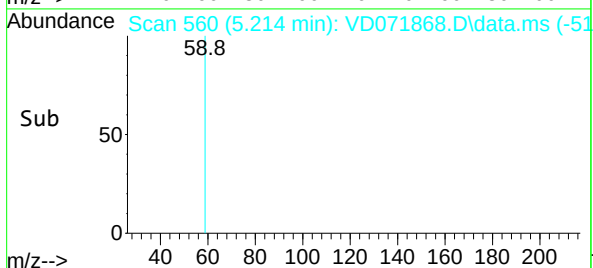
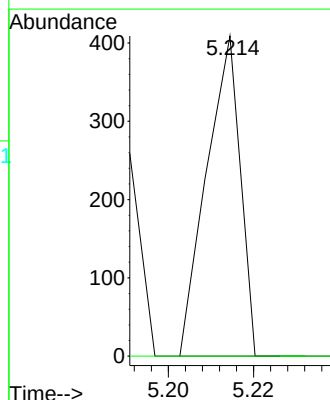
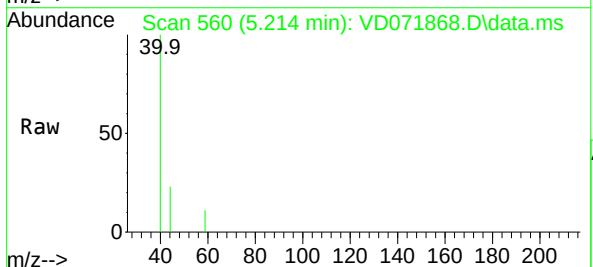
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)

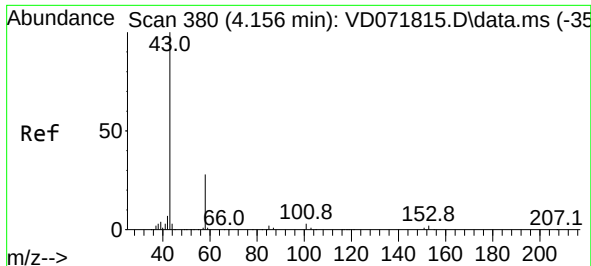
Tgt Ion:168 Resp: 437317
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

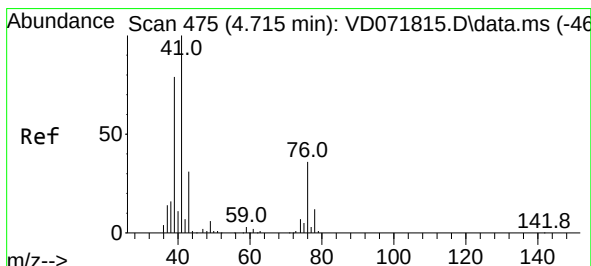
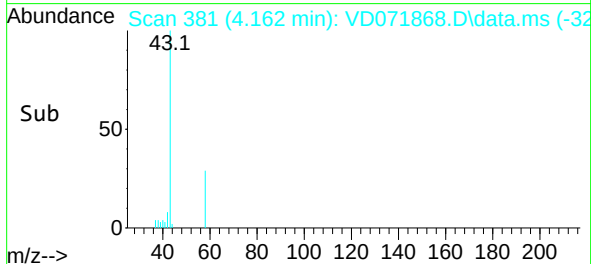
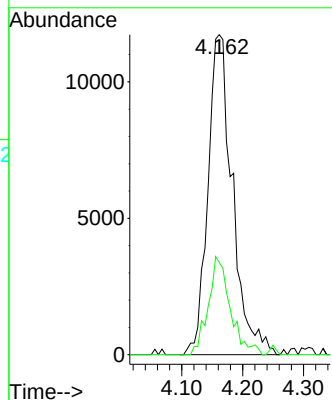
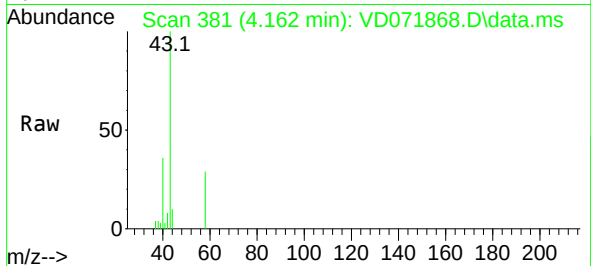




#16
Acetone
Concen: 21.763 ug/l
RT: 4.162 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

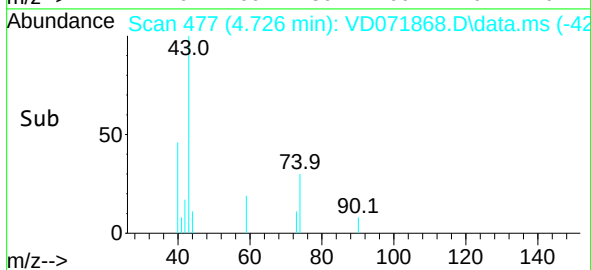
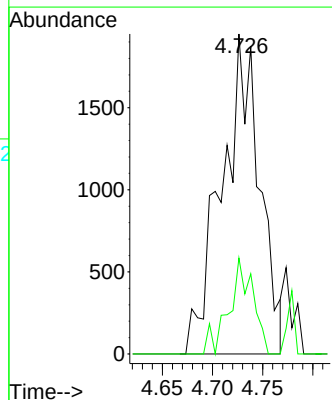
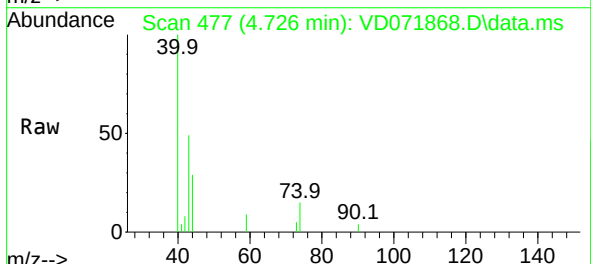
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)

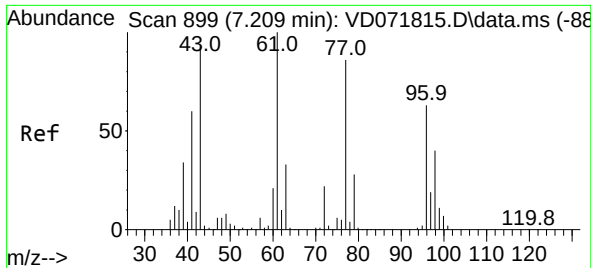
Tgt Ion: 43 Resp: 32929
Ion Ratio Lower Upper
43 100
58 28.8 22.1 33.1



#18
Methyl Acetate
Concen: 1.568 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion: 43 Resp: 5130
Ion Ratio Lower Upper
43 100
74 19.1 16.7 25.1

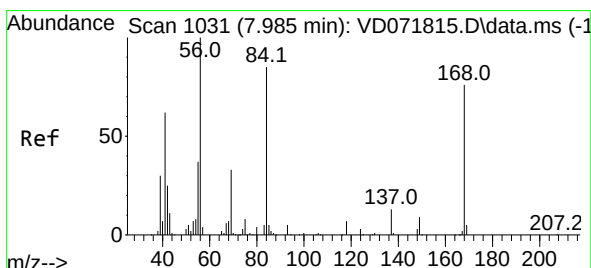
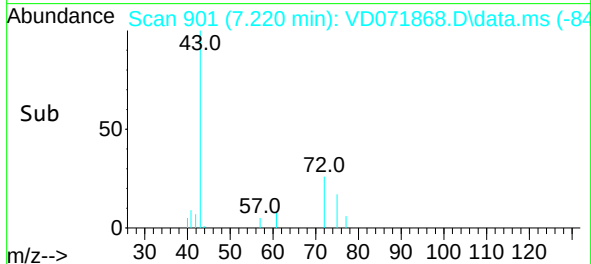
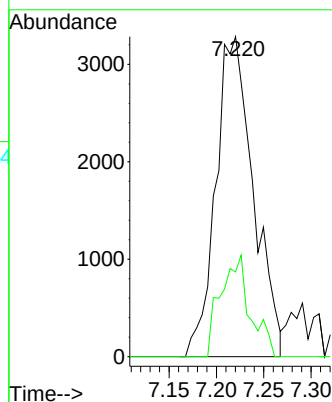
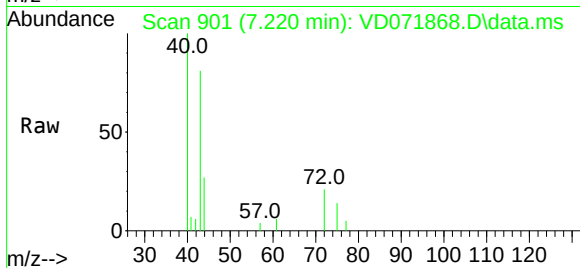




#25
2-Butanone
Concen: 5.151 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

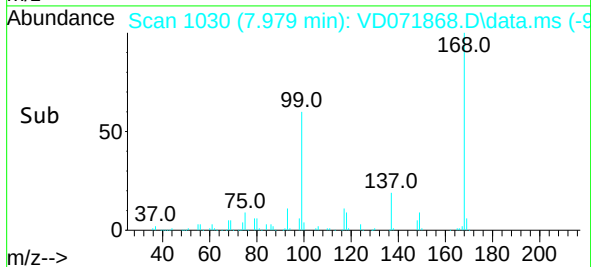
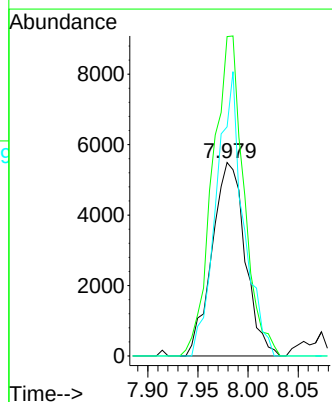
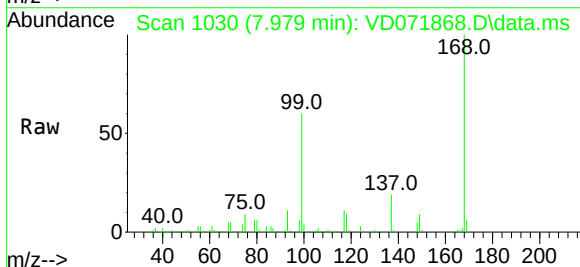
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)

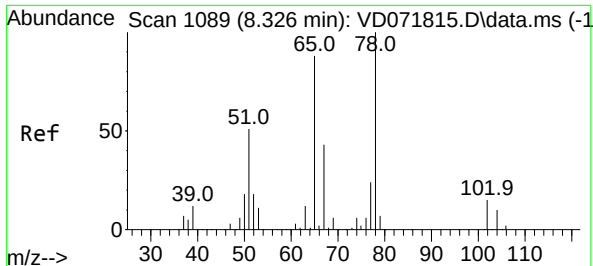
Tgt Ion: 43 Resp: 9086
Ion Ratio Lower Upper
43 100
72 26.4 18.6 27.8



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion: 56 Resp: 12605
Ion Ratio Lower Upper
56 100
69 165.1 25.4 38.2#
84 118.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.890 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD071868.D

Acq: 01 Feb 2022 13:18

Instrument :

MSVOA_D

ClientSampleId :

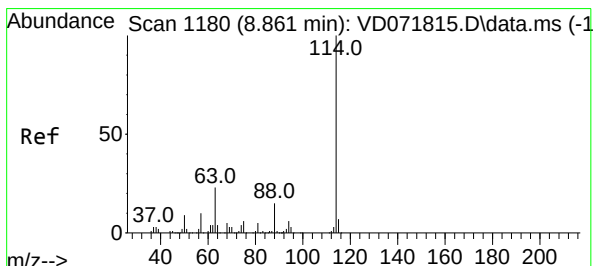
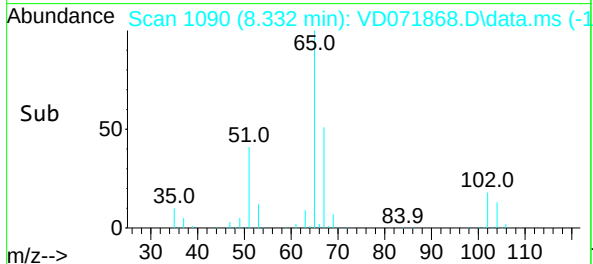
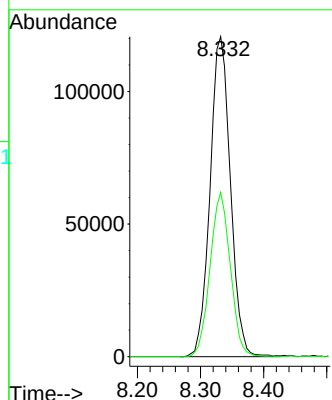
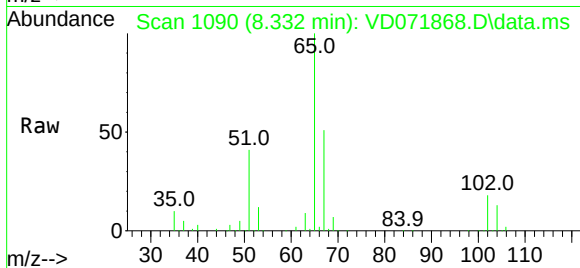
SB-5(1-1.5)

Tgt Ion: 65 Resp: 270239

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: VD071868.D

Acq: 01 Feb 2022 13:18

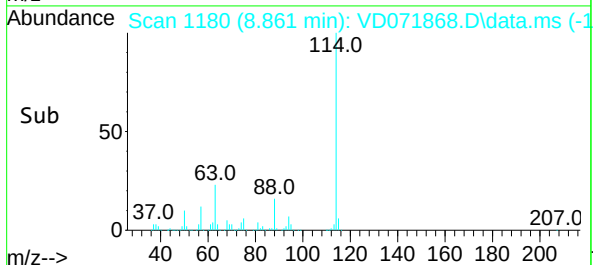
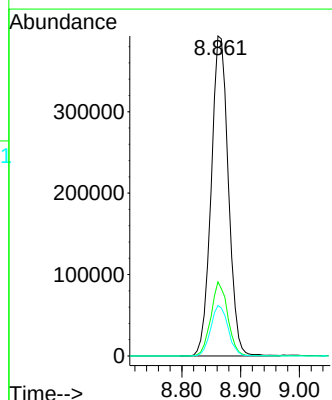
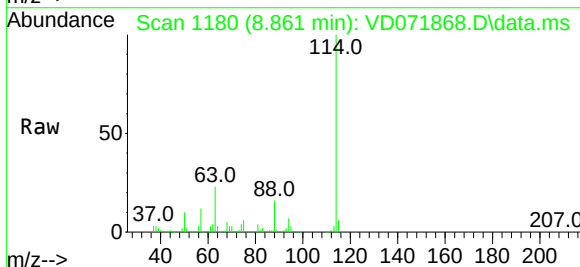
Tgt Ion: 114 Resp: 798215

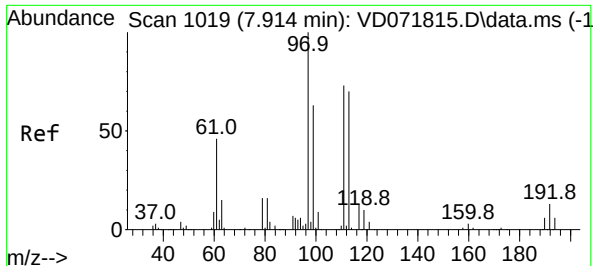
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.307 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071868.D

Acq: 01 Feb 2022 13:18

Instrument :

MSVOA_D

ClientSampleId :

SB-5(1-1.5)

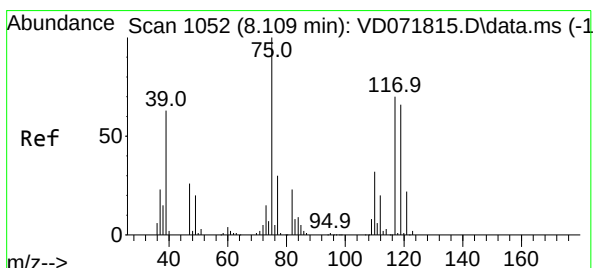
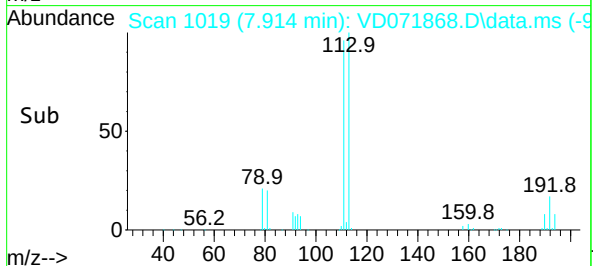
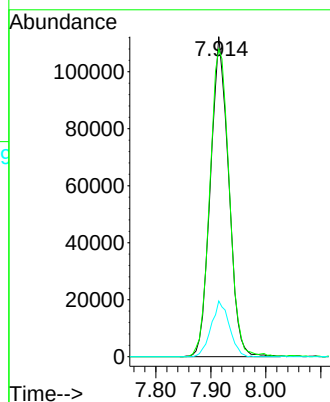
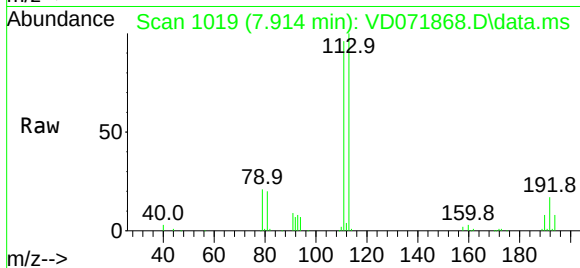
Tgt Ion:113 Resp: 258707

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.569 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071868.D

Acq: 01 Feb 2022 13:18

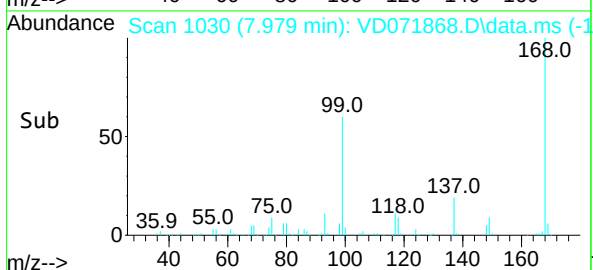
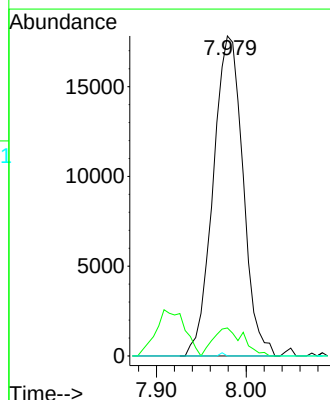
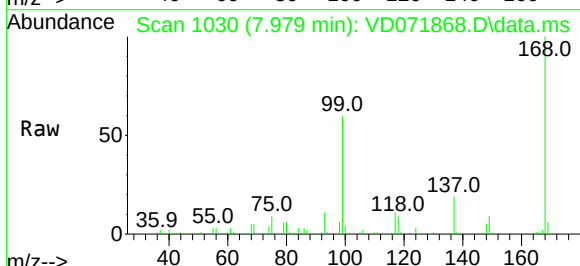
Tgt Ion: 75 Resp: 41142

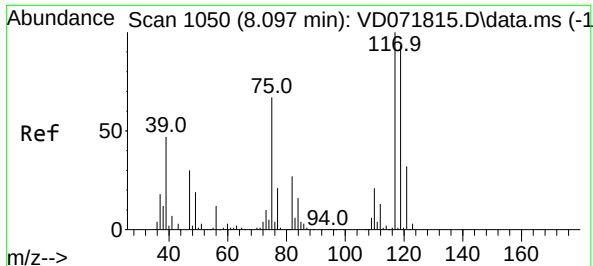
Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.1#

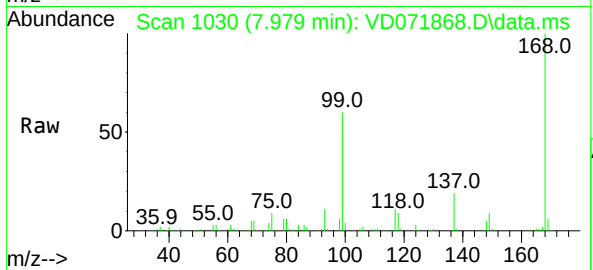
77 0.2 24.2 36.2#



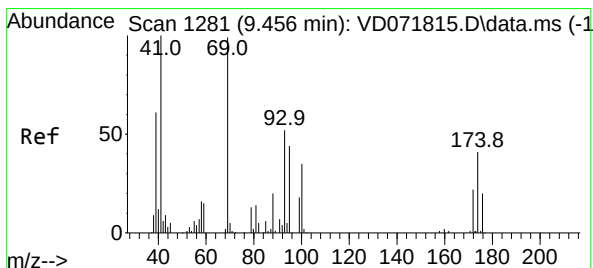
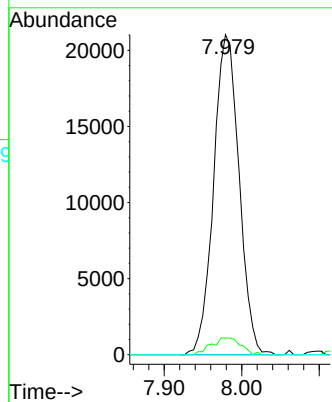
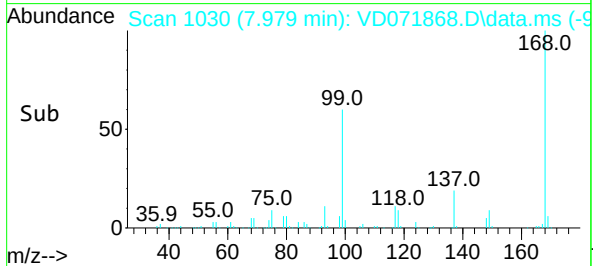


#38
Carbon Tetrachloride
Concen: 5.382 ug/l
RT: 7.979 min Scan# 117
Delta R.T. -0.118 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

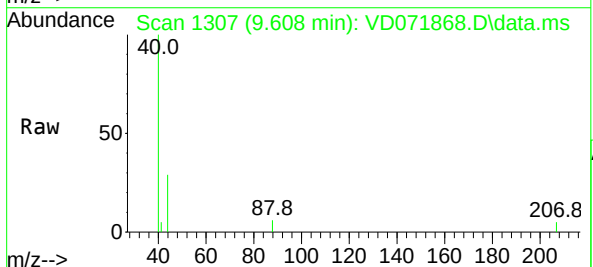
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)



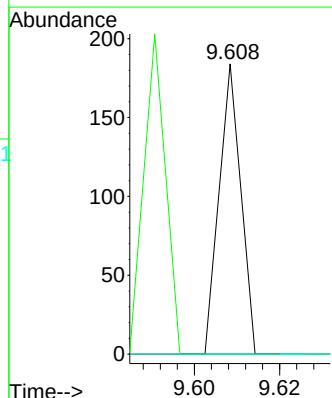
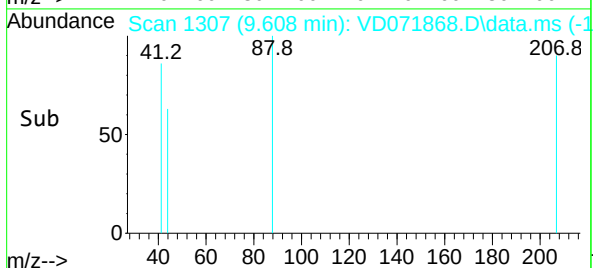
Tgt Ion:117 Resp: 47932
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.5 36.7#

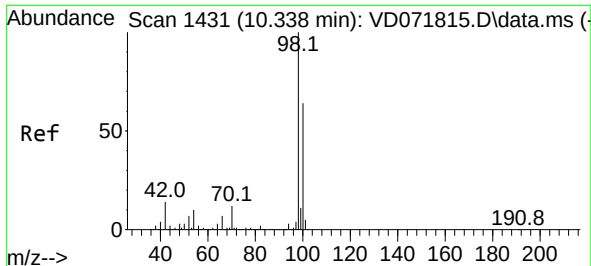


#49
1,4-Dioxane
Concen: 1.735 ug/l
RT: 9.608 min Scan# 1307
Delta R.T. 0.147 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18



Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 216.9 31.0 46.4#
58 0.0 58.1 87.1#

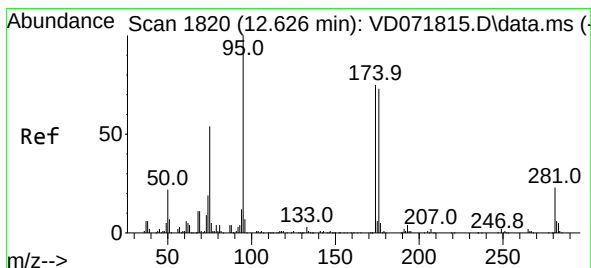
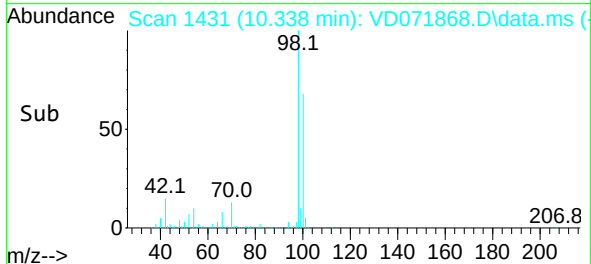
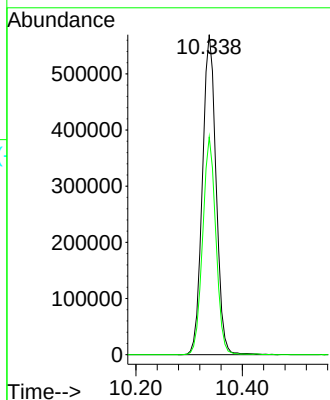
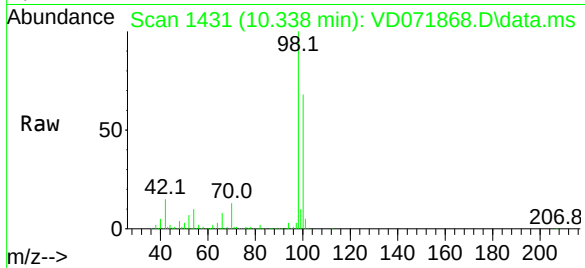




#50
Toluene-d8
Concen: 51.703 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

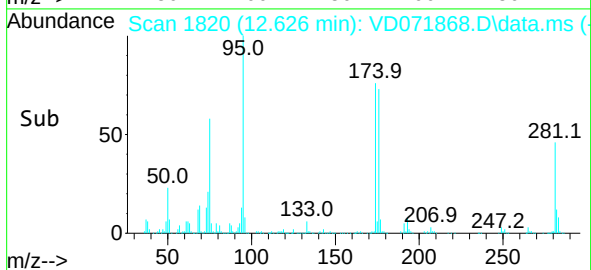
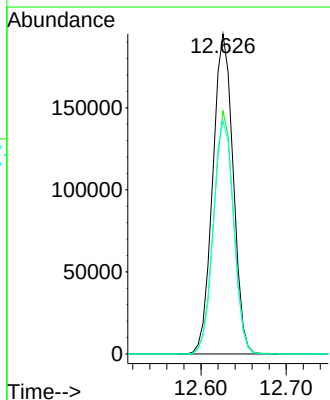
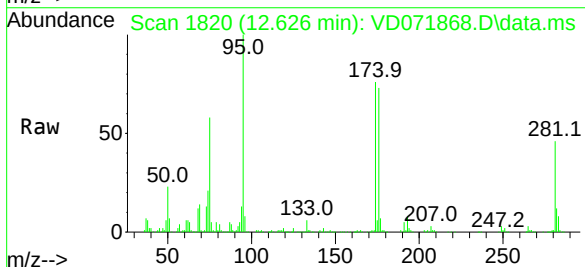
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)

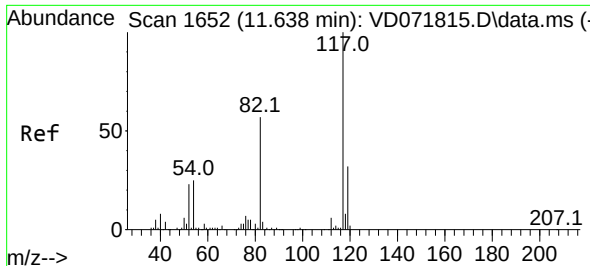
Tgt Ion: 98 Resp: 1013134
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion: 95 Resp: 324138
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 72.8 0.0 145.4

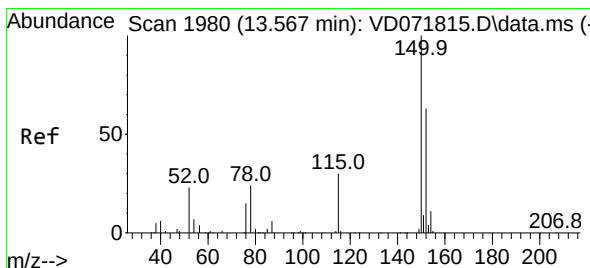
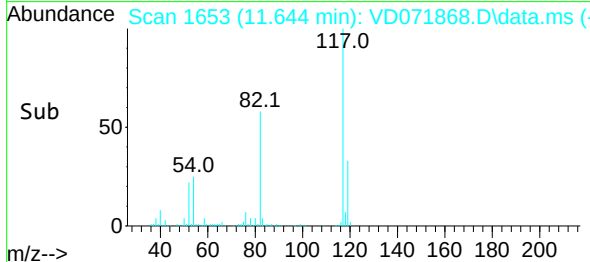
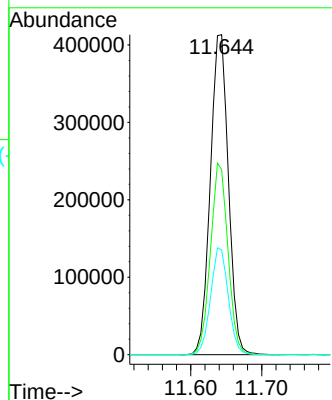
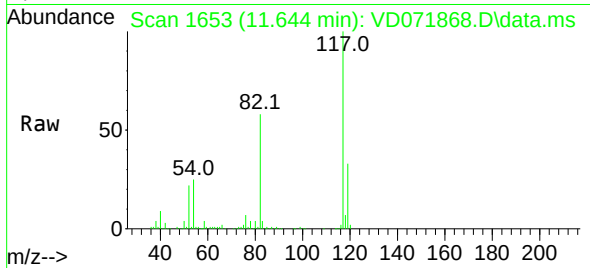




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

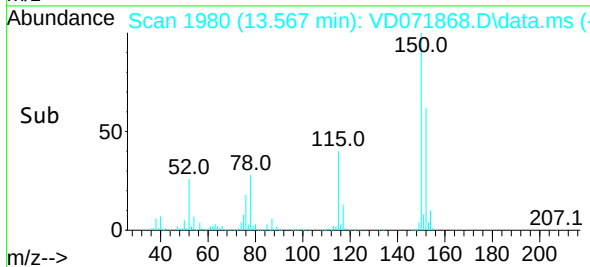
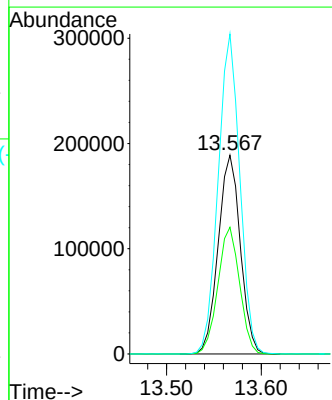
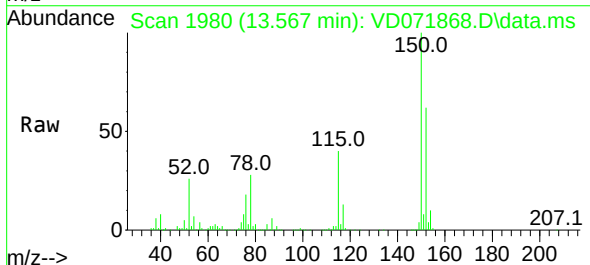
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)

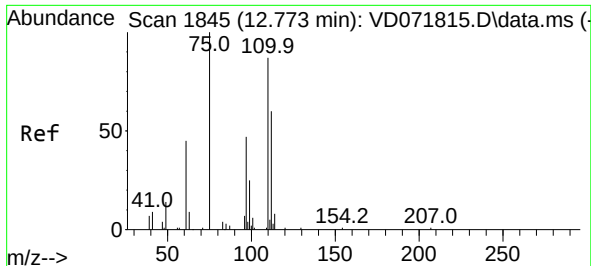
Tgt Ion:117 Resp: 730631
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion:152 Resp: 306349
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 157.7 0.0 348.6

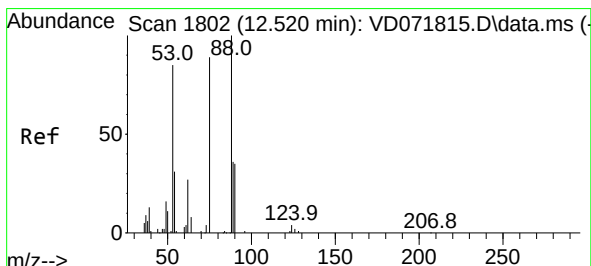
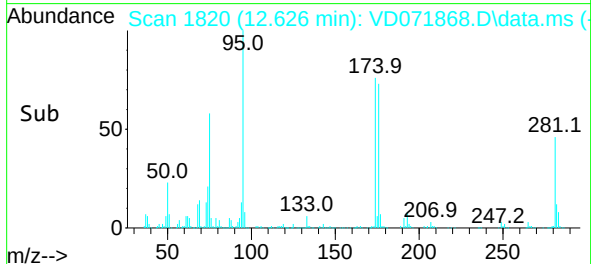
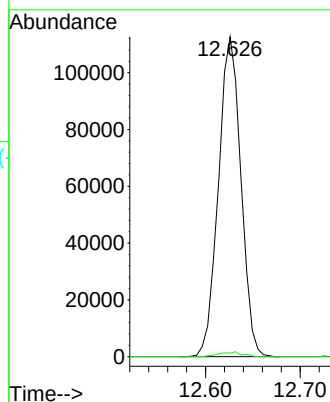
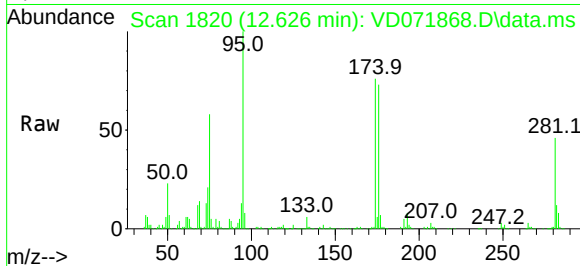




#76
1,2,3-Trichloropropane
Concen: 57.551 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

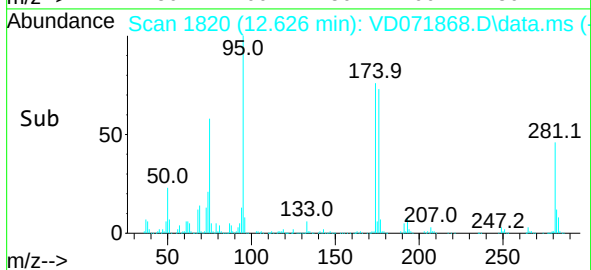
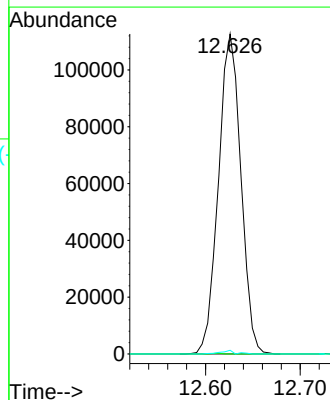
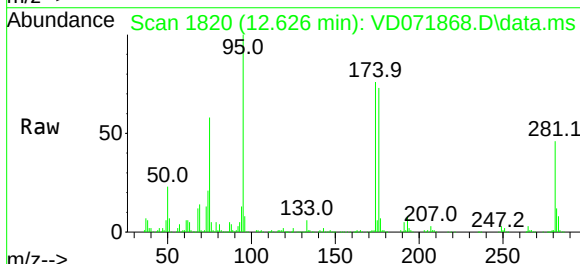
Instrument :
MSVOA_D
ClientSampleId :
SB-5(1-1.5)

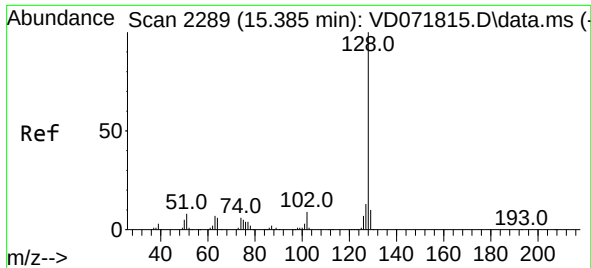
Tgt Ion: 75 Resp: 185805
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.504 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071868.D
Acq: 01 Feb 2022 13:18

Tgt Ion: 75 Resp: 185805
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.7 33.9 50.9#





#95

Naphthalene

Concen: 1.483 ug/l

RT: 15.385 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD071868.D

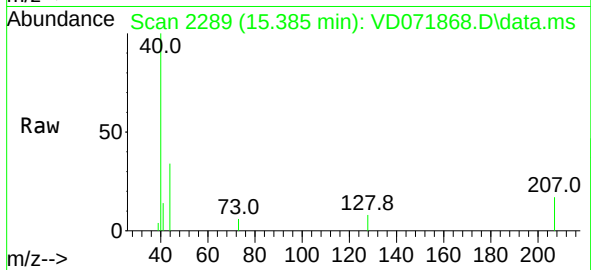
Acq: 01 Feb 2022 13:18

Instrument :

MSVOA_D

ClientSampleId :

SB-5(1-1.5)



Tgt Ion:	128	Resp:	320
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

