

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072436.D
 Acq On : 25 Mar 2022 18:35
 Operator : VA/SY
 Sample : N2095-03
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-5.0-6.0

Quant Time: Mar 26 00:15:01 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)

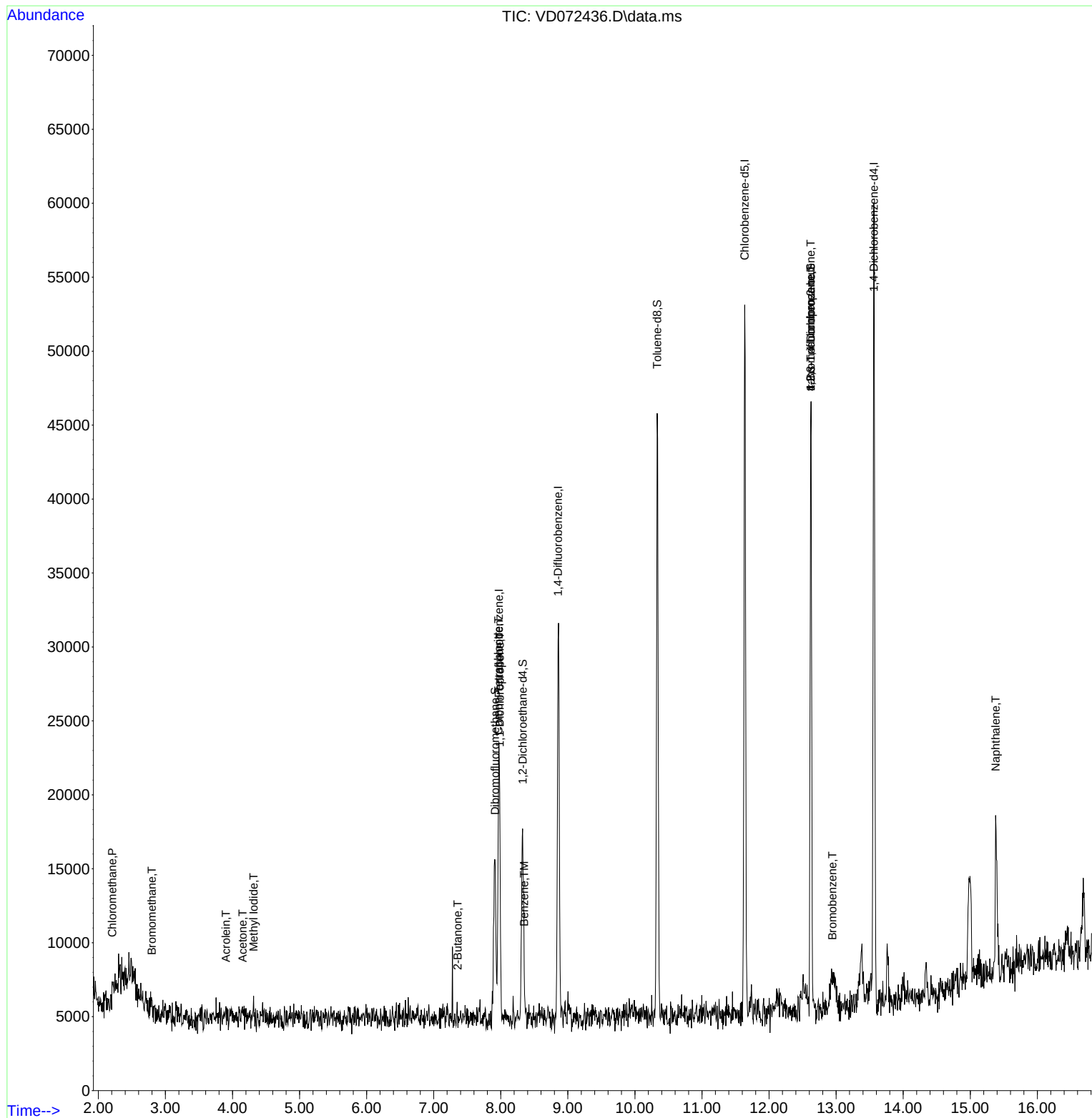
Internal Standards						
1) Pentafluorobenzene	7.973	168	13698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	21529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	9368	61.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.740%	
35) Dibromofluoromethane	7.914	113	8640	57.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.060%	
50) Toluene-d8	10.332	98	26857	48.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.960%	
62) 4-Bromofluorobenzene	12.620	95	12890	59.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	549	4.876	ug/l #	62
5) Bromomethane	2.797	94	788	11.135	ug/l	94
10) Methyl Iodide	4.314	142	681	6.868	ug/l #	49
13) Acrolein	3.903	56	54	6.837	ug/l #	14
16) Acetone	4.150	43	568	17.137	ug/l #	52
25) 2-Butanone	7.355	43	74	1.674	ug/l #	52
36) 1,1-Dichloropropene	7.985	75	1004	4.724	ug/l #	43
38) Carbon Tetrachloride	7.967	117	1439	5.956	ug/l #	13
40) Benzene	8.350	78	1246	2.055	ug/l #	51
76) 1,2,3-Trichloropropane	12.620	75	6549	43.374	ug/l #	100
77) Bromobenzene	12.943	156	2963	12.136	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	6549	107.614	ug/l #	7
95) Naphthalene	15.379	128	10567	20.755	ug/l	97

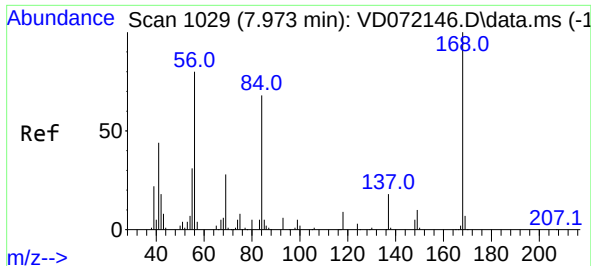
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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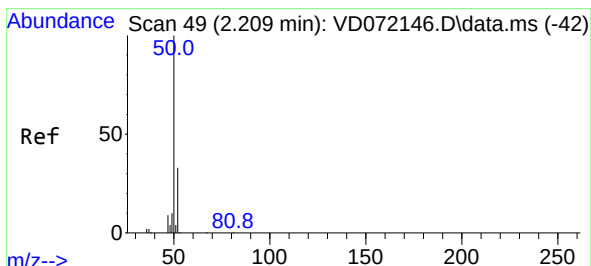
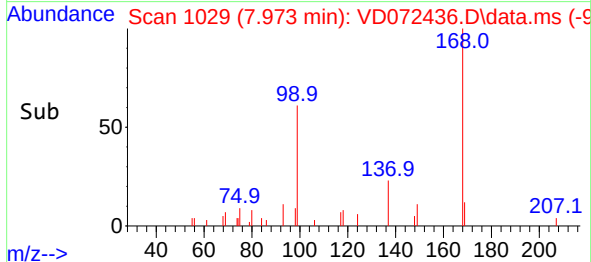
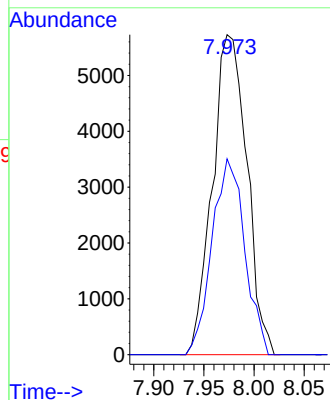
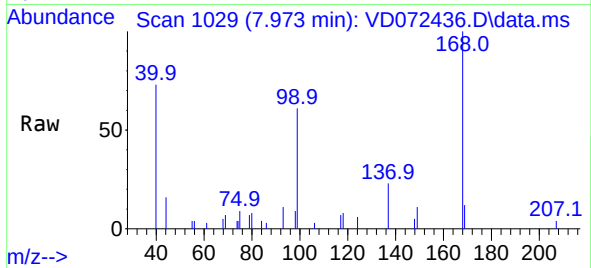




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

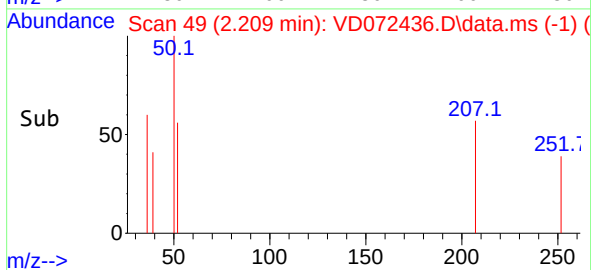
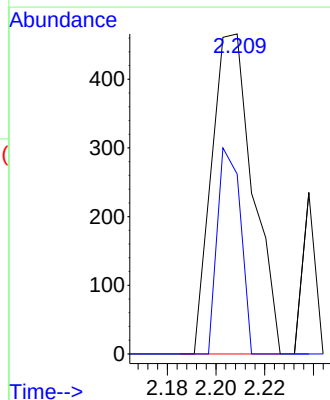
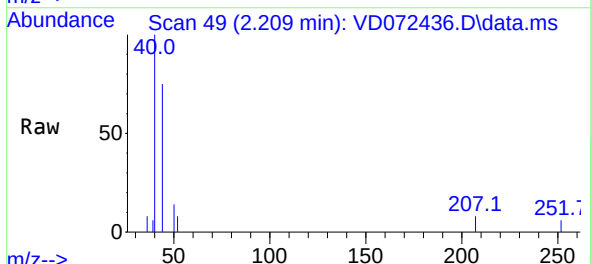
Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

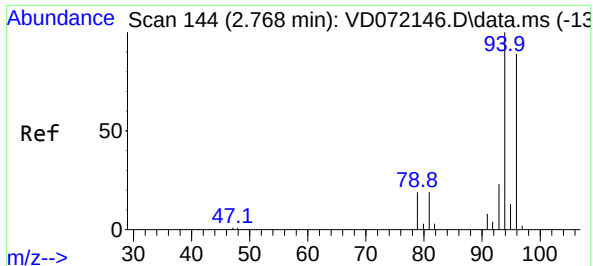
Tgt Ion:168 Resp: 13698
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#3
Chloromethane
Concen: 4.876 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion: 50 Resp: 549
Ion Ratio Lower Upper
50 100
52 56.2 27.4 41.0#

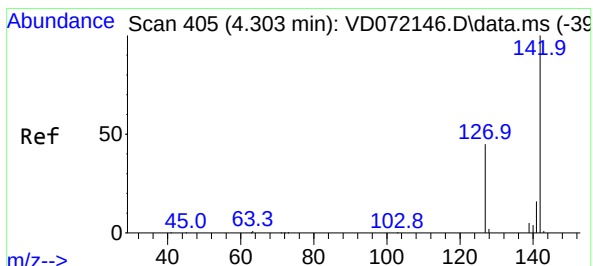
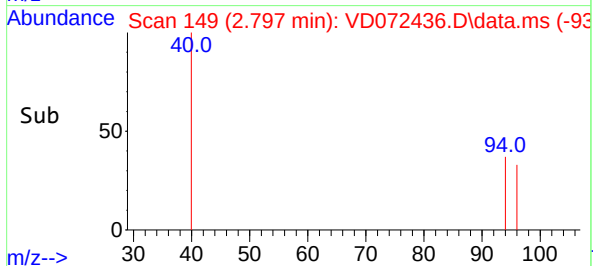
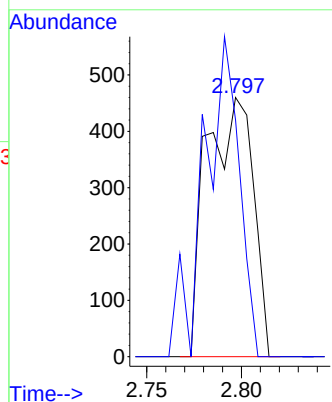
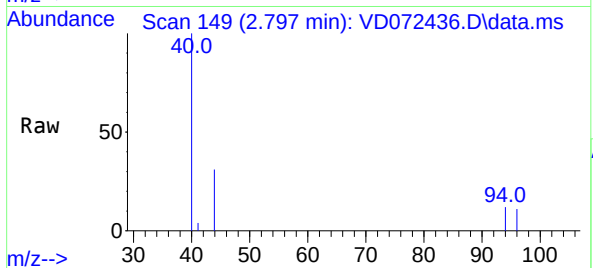




#5
Bromomethane
Concen: 11.135 ug/l
RT: 2.797 min Scan# 14
Delta R.T. 0.029 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

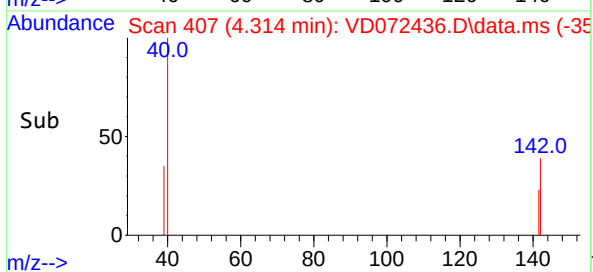
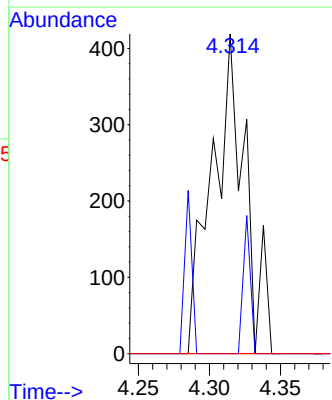
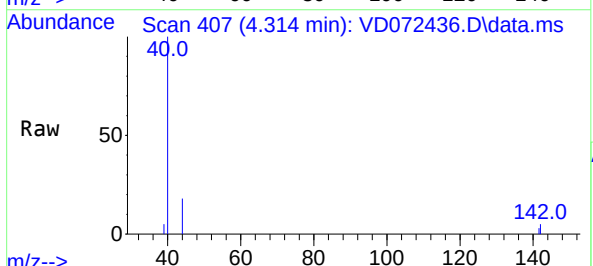
Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

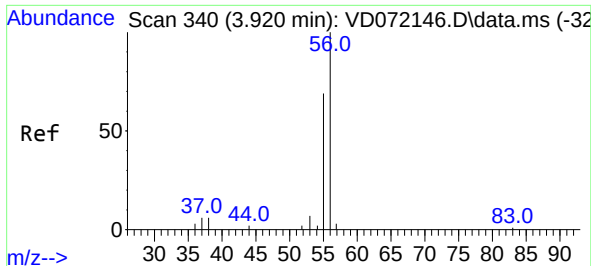
Tgt Ion: 94 Resp: 788
Ion Ratio Lower Upper
94 100
96 91.3 77.6 116.4



#10
Methyl Iodide
Concen: 6.868 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion:142 Resp: 681
Ion Ratio Lower Upper
142 100
127 9.4 37.3 55.9#
141 0.0 11.7 17.5#

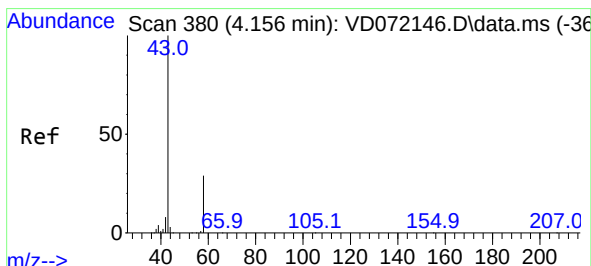
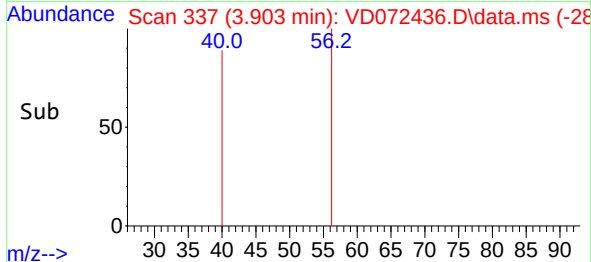
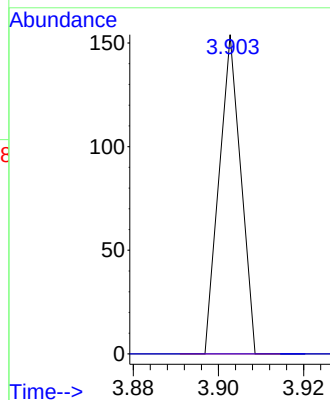
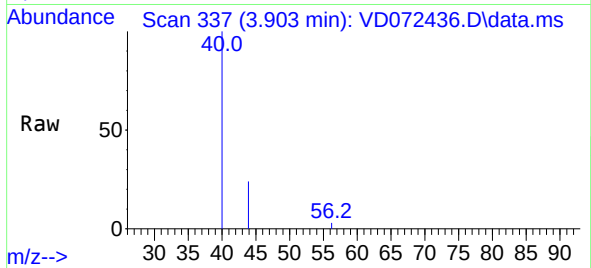




#13
Acrolein
Concen: 6.837 ug/l
RT: 3.903 min Scan# 31
Delta R.T. -0.018 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

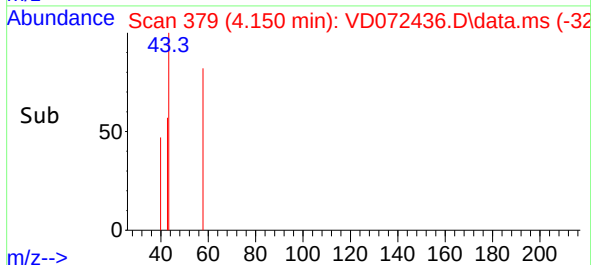
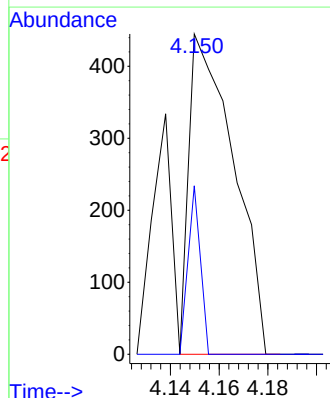
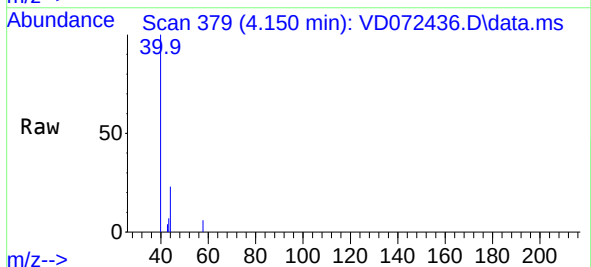
Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

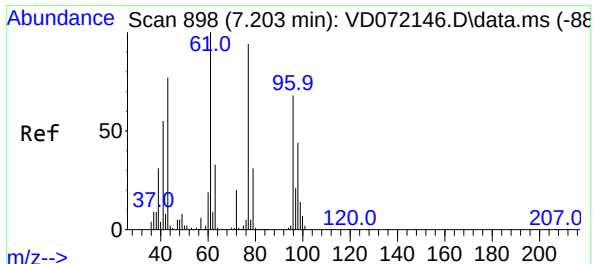
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 17.137 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
58 52.6 22.1 33.1#





#25

2-Butanone

Concen: 1.674 ug/l

RT: 7.355 min Scan# 91

Delta R.T. 0.153 min

Lab File: VD072436.D

Acq: 25 Mar 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

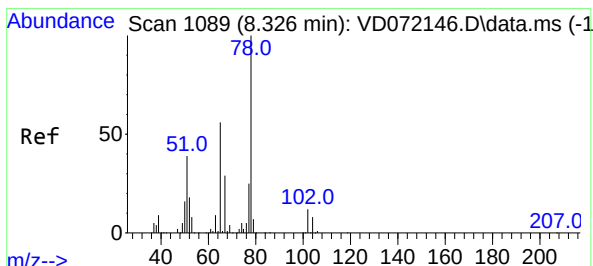
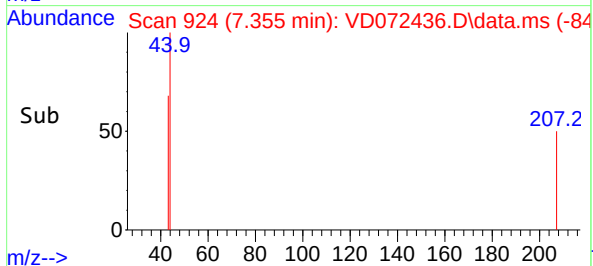
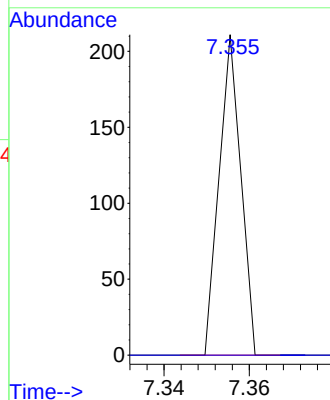
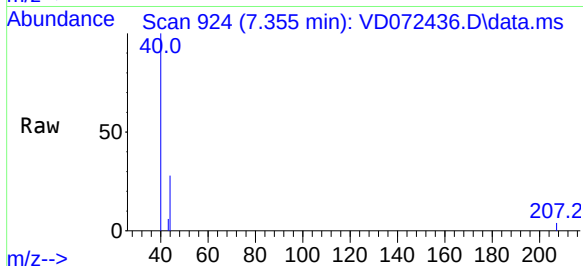
SB-03-5.0-6.0

Tgt Ion: 43 Resp: 74

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 61.367 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072436.D

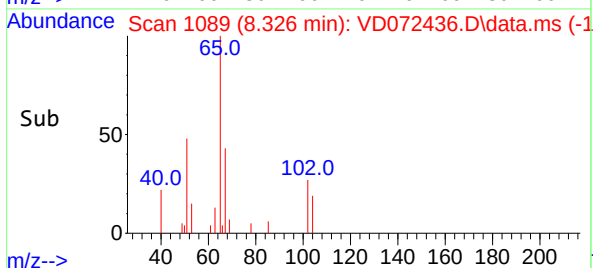
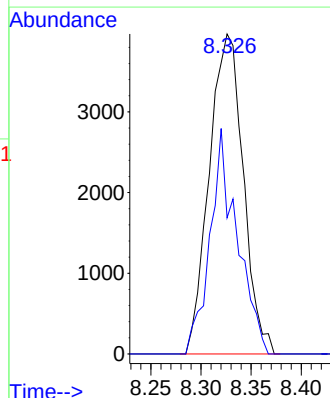
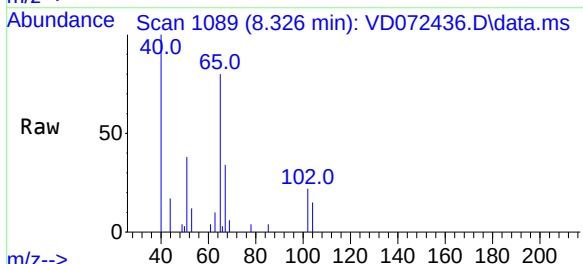
Acq: 25 Mar 2022 18:35

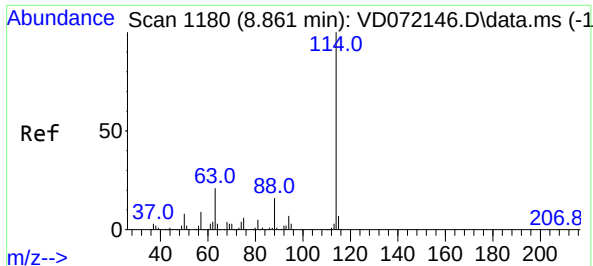
Tgt Ion: 65 Resp: 9368

Ion Ratio Lower Upper

65 100

67 56.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072436.D

Acq: 25 Mar 2022 18:35

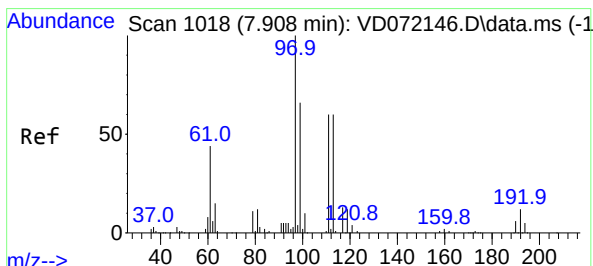
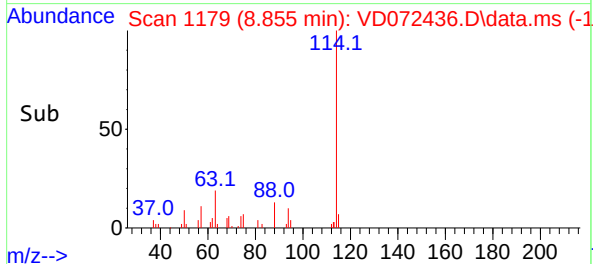
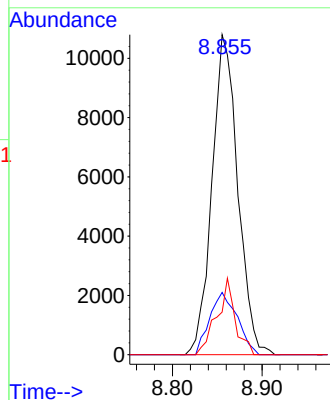
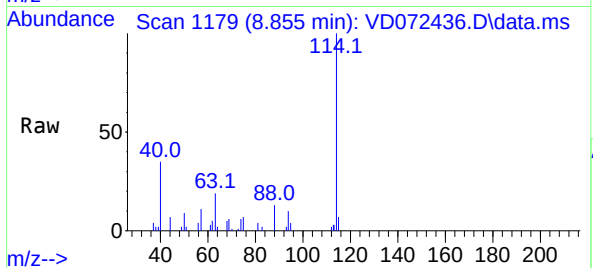
Instrument :

MSVOA_D

ClientSampleId :

SB-03-5.0-6.0

Tgt Ion:	114	Resp:	21529
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	46.6
88	13.3	0.0	33.2



#35

Dibromofluoromethane

Concen: 57.029 ug/l

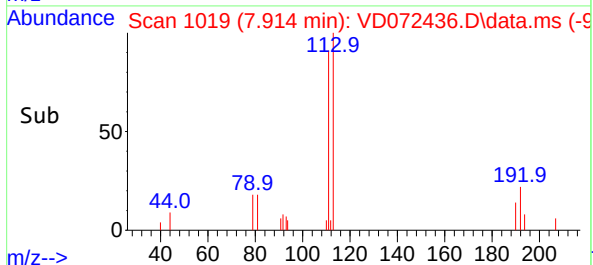
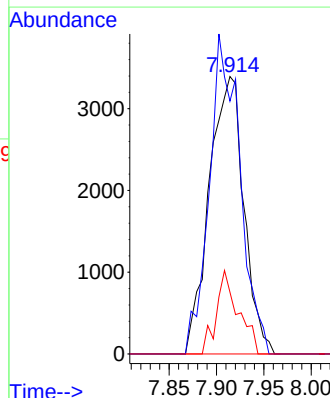
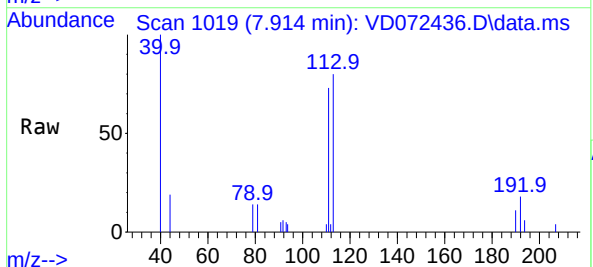
RT: 7.914 min Scan# 1019

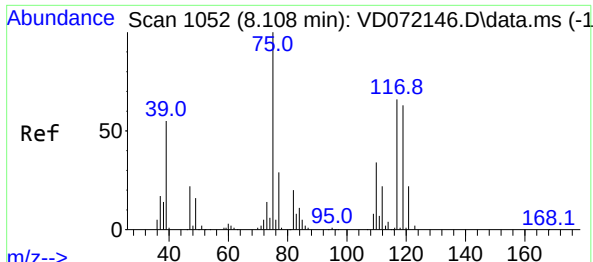
Delta R.T. 0.006 min

Lab File: VD072436.D

Acq: 25 Mar 2022 18:35

Tgt Ion:	113	Resp:	8640
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.8	125.6
192	19.1	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.724 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.124 min

Lab File: VD072436.D

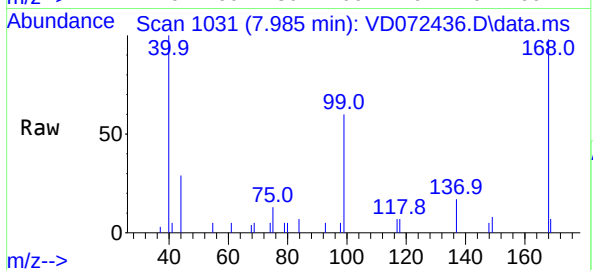
Acq: 25 Mar 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

SB-03-5.0-6.0



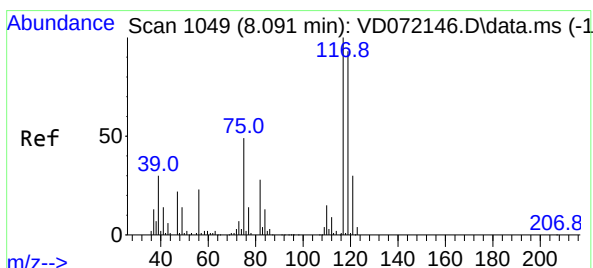
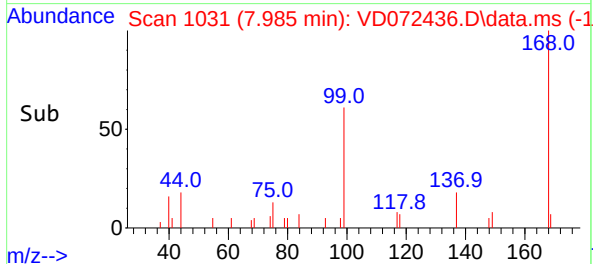
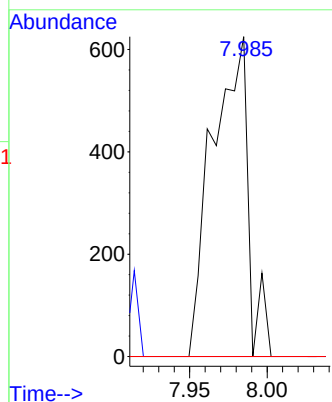
Tgt Ion: 75 Resp: 1004

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.956 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD072436.D

Acq: 25 Mar 2022 18:35

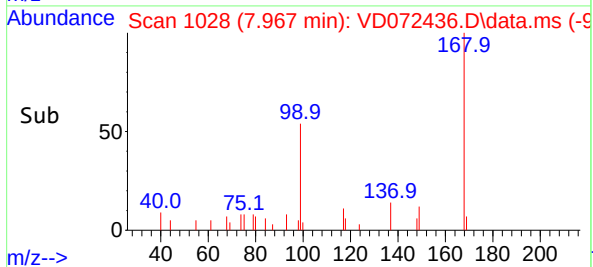
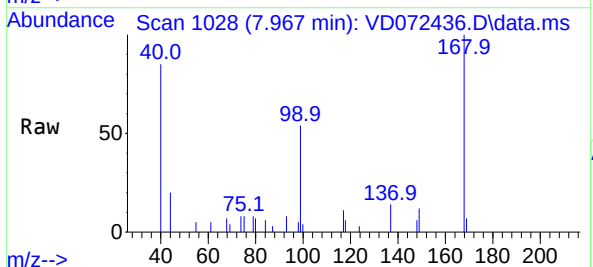
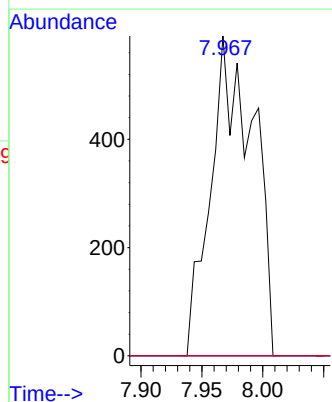
Tgt Ion: 117 Resp: 1439

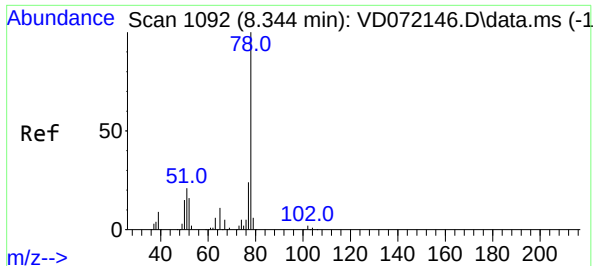
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#

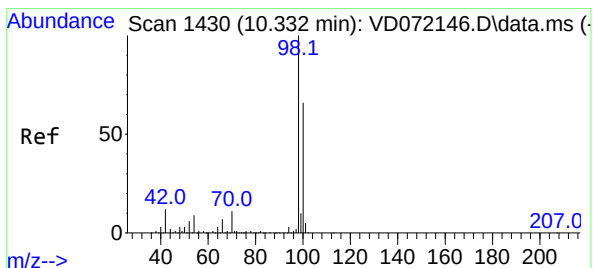
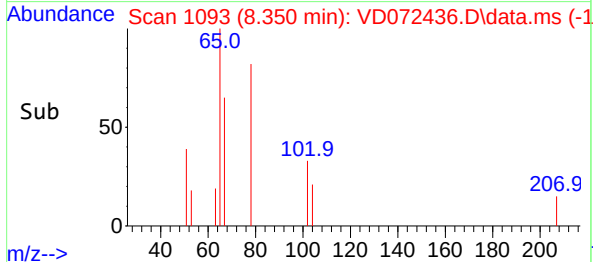
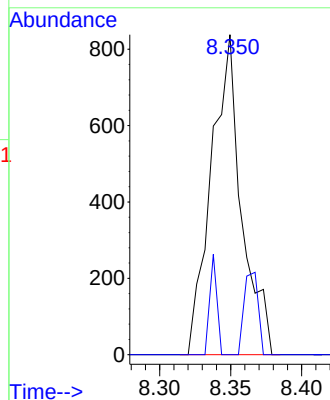
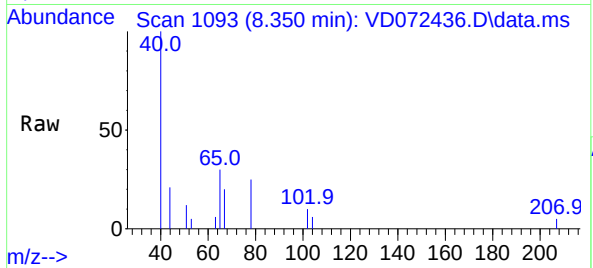




#40
Benzene
Concen: 2.055 ug/l
RT: 8.350 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

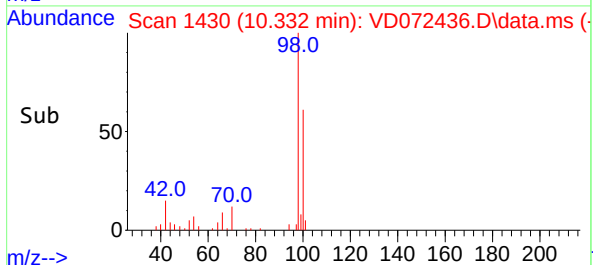
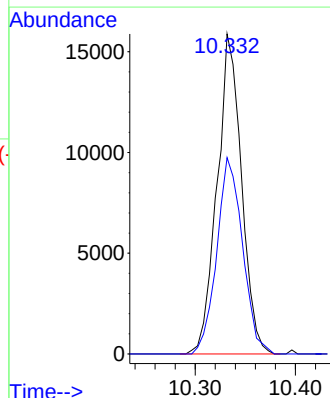
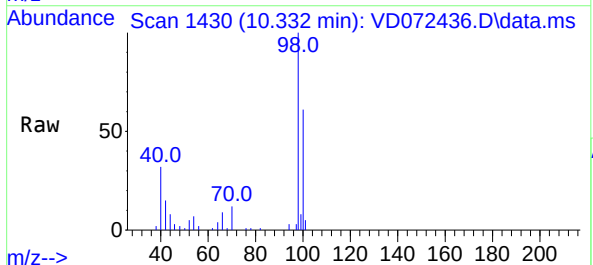
Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

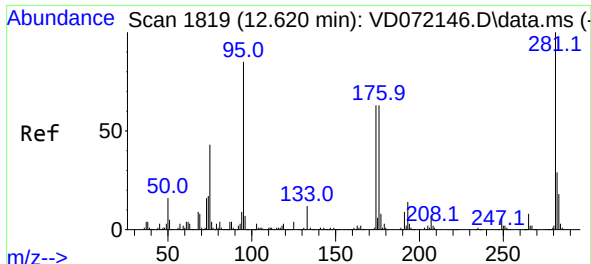
Tgt Ion: 78 Resp: 1246
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#



#50
Toluene-d8
Concen: 48.481 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion: 98 Resp: 26857
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

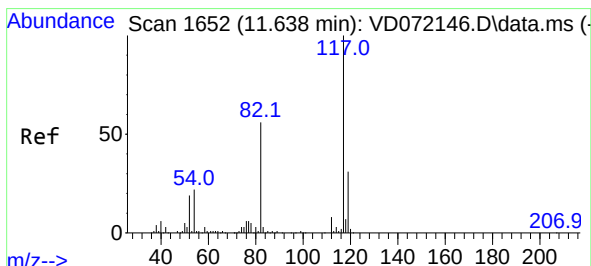
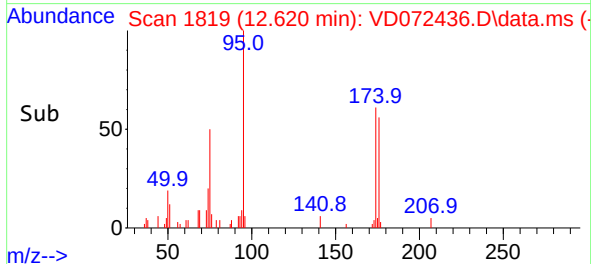
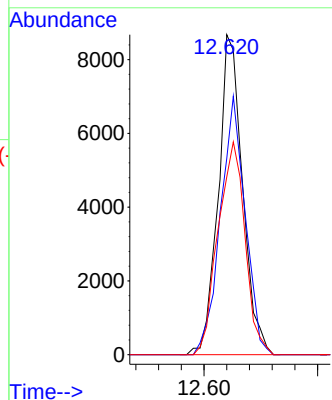
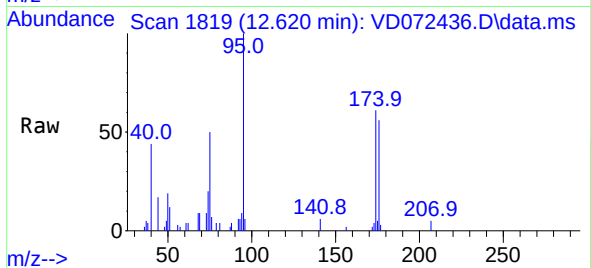




#62
4-Bromofluorobenzene
Concen: 59.885 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

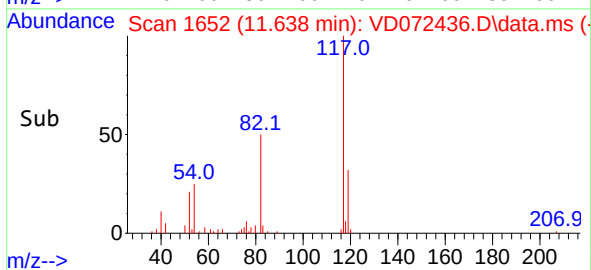
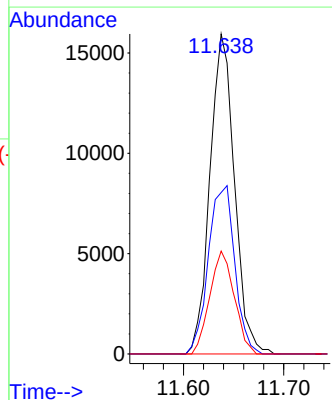
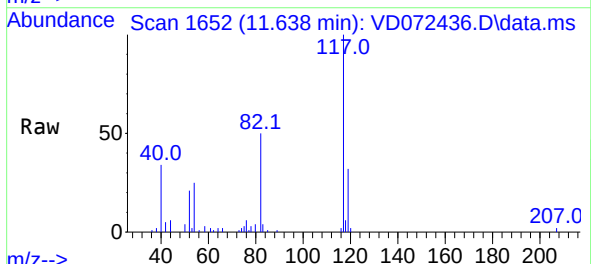
Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

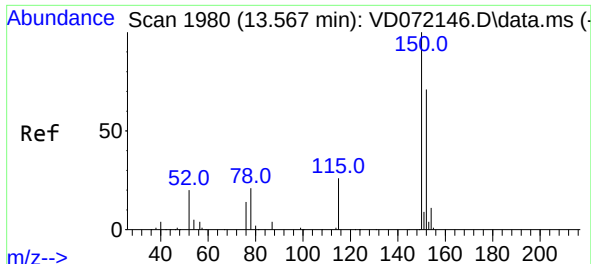
Tgt Ion:	95	Resp:	12890
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	152.8
176	73.7	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion:	117	Resp:	27048
Ion	Ratio	Lower	Upper
117	100		
82	50.4	45.3	67.9
119	32.1	26.6	40.0

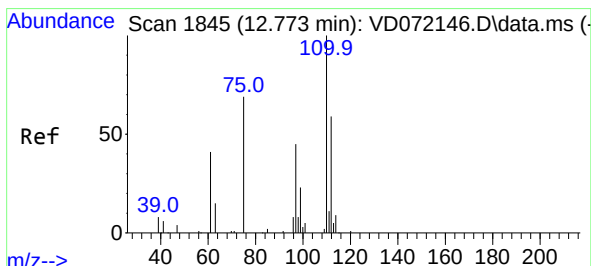
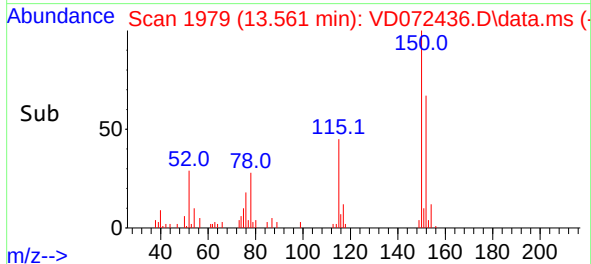
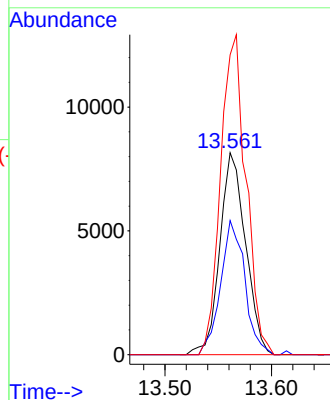
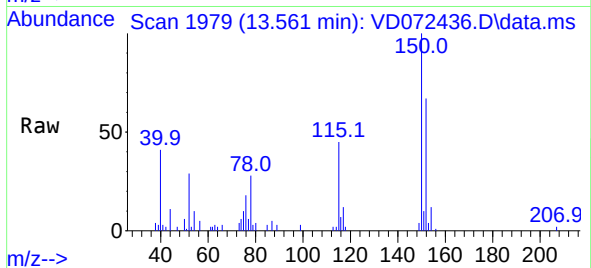




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

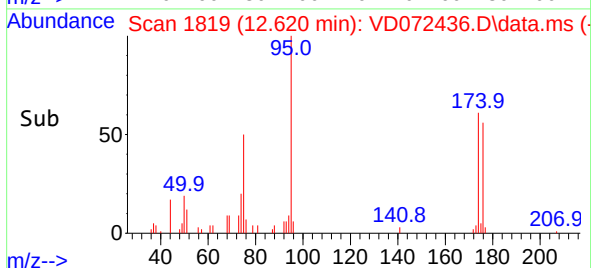
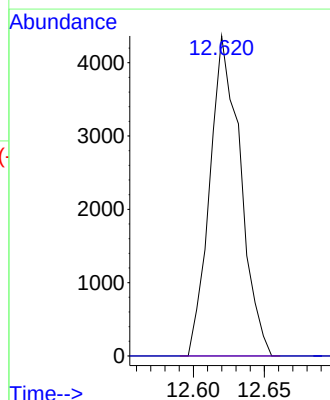
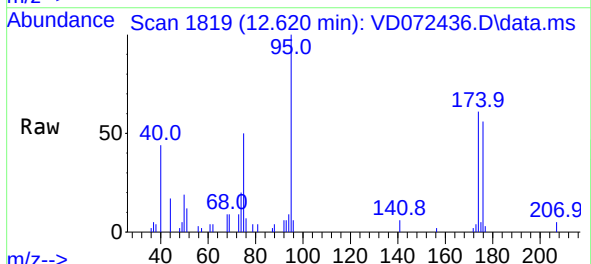
Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

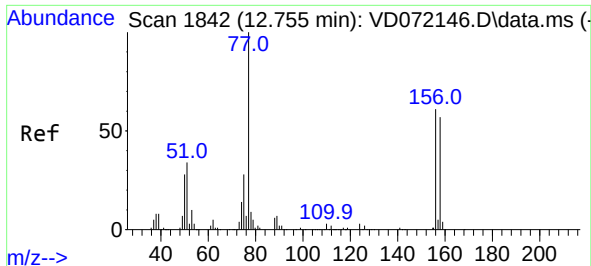
Tgt Ion:152 Resp: 13688
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 155.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 43.374 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion: 75 Resp: 6549
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

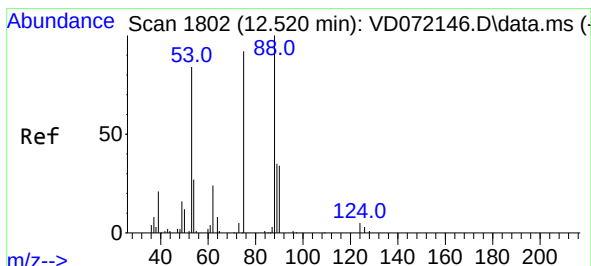
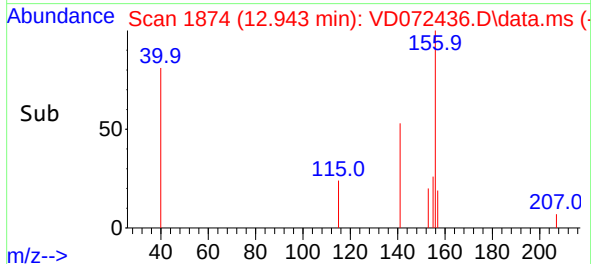
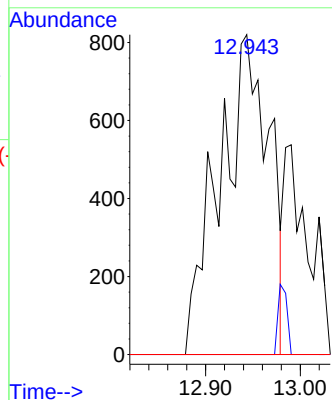
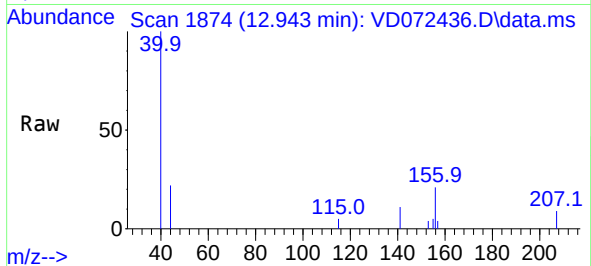




#77
Bromobenzene
Concen: 12.136 ug/l
RT: 12.943 min Scan# 1819
Delta R.T. 0.188 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

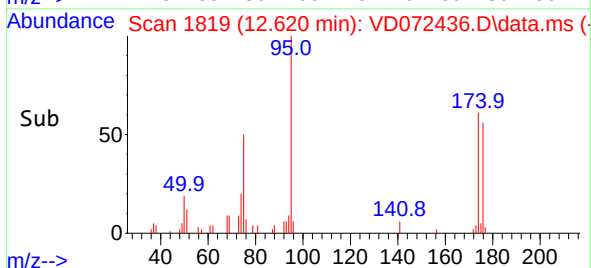
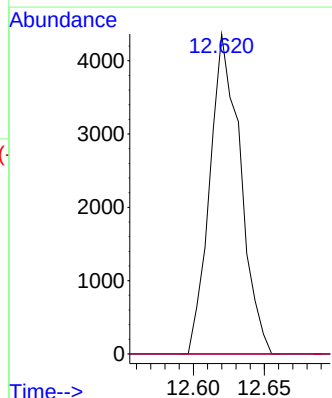
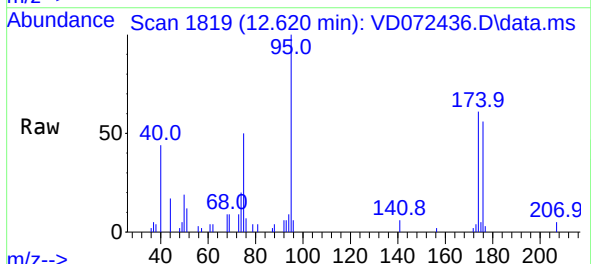
Instrument :
MSVOA_D
ClientSampleId :
SB-03-5.0-6.0

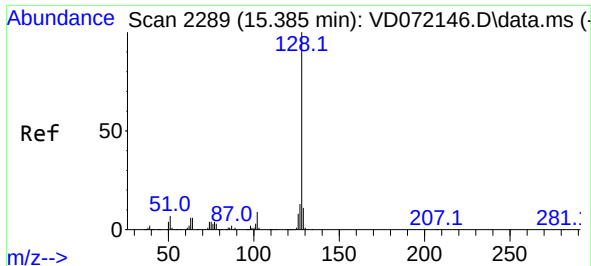
Tgt Ion:156 Resp: 2963
Ion Ratio Lower Upper
156 100
77 0.0 102.8 308.3#
158 0.0 48.7 146.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.614 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072436.D
Acq: 25 Mar 2022 18:35

Tgt Ion: 75 Resp: 6549
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 20.755 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072436.D

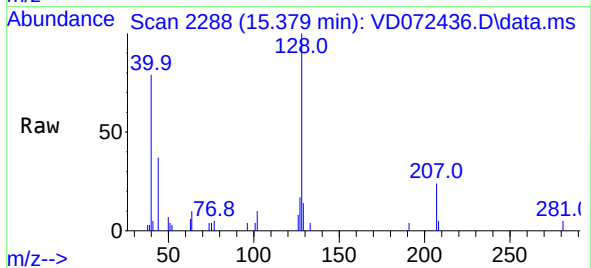
Acq: 25 Mar 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

SB-03-5.0-6.0



Tgt Ion:128 Resp: 10567

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 12.0 8.4 12.6

