

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072290.D
 Acq On : 18 Mar 2022 15:19
 Operator : VA/SY
 Sample : N1995-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-4.5-5.0RE

Quant Time: Mar 19 05:24:46 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)

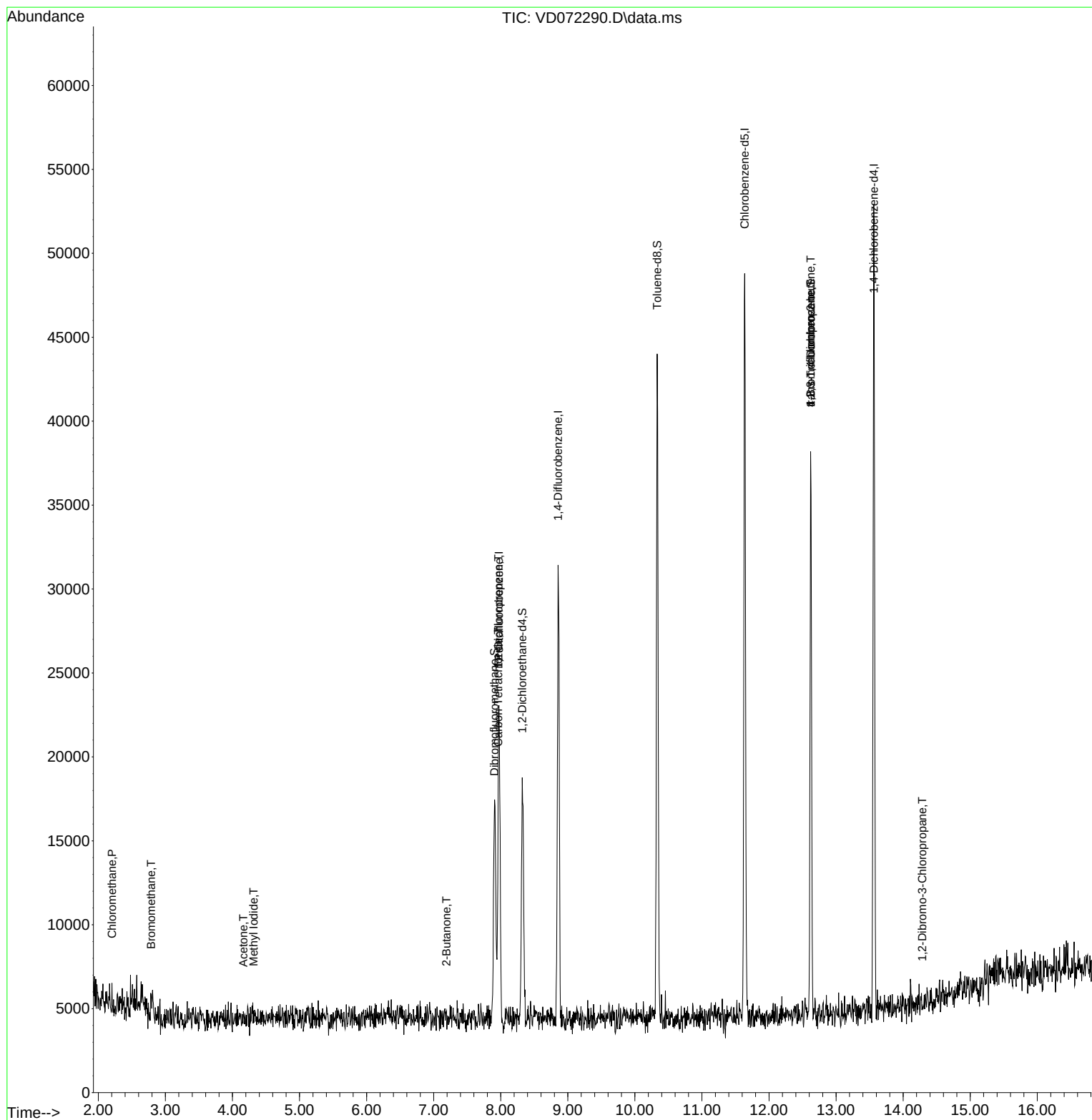
Internal Standards						
1) Pentafluorobenzene	7.973	168	14370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	22787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	25934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	11874	74.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.300%	
35) Dibromofluoromethane	7.903	113	10237	63.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.680%	
50) Toluene-d8	10.332	98	26166	44.626	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.260%	
62) 4-Bromofluorobenzene	12.620	95	10786	47.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	628	5.317	ug/l #	40
5) Bromomethane	2.785	94	904	12.177	ug/l #	78
10) Methyl Iodide	4.315	142	314	4.267	ug/l #	38
16) Acetone	4.162	43	262	7.535	ug/l #	47
20) Methylene Chloride	4.962	84	208	Below Cal	#	59
25) 2-Butanone	7.191	43	79	1.704	ug/l #	52
36) 1,1-Dichloropropene	7.967	75	1118	4.970	ug/l #	43
38) Carbon Tetrachloride	7.961	117	1751	6.848	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	5775	45.089	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	5775	111.871	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.285	75	54	2.056	ug/l #	6

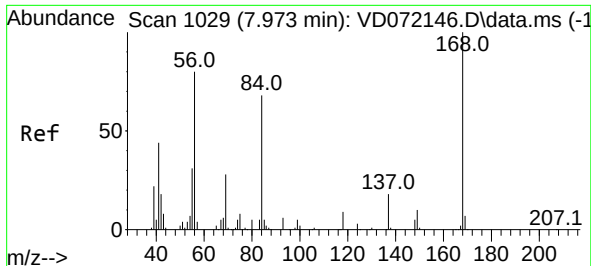
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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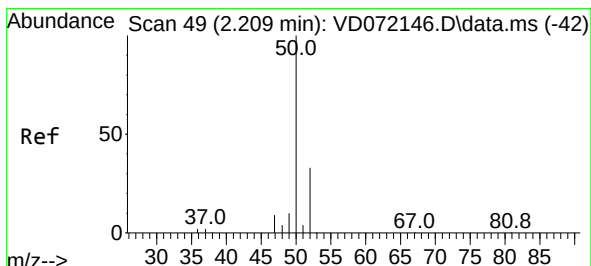
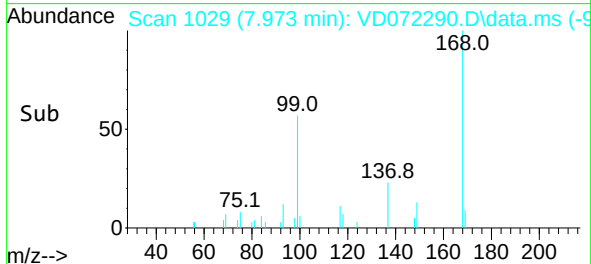
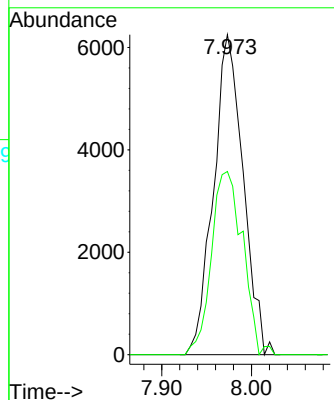
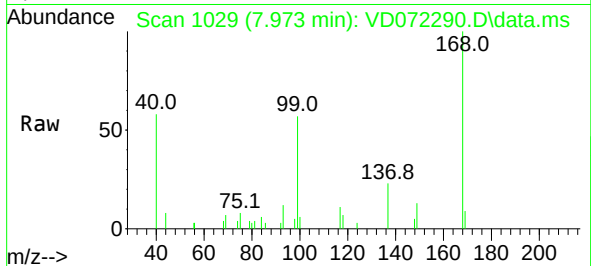




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

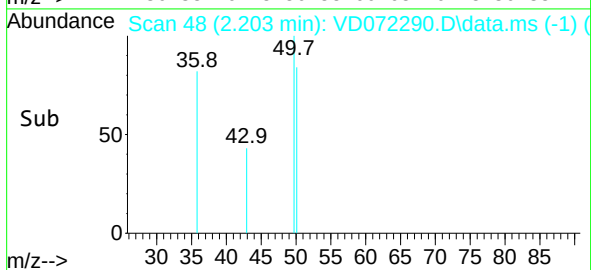
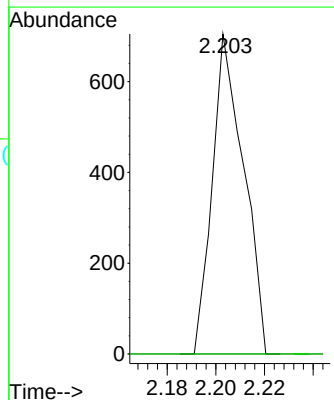
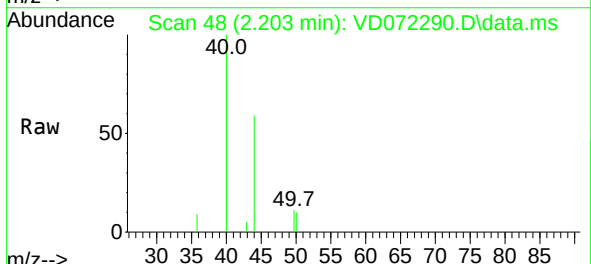
Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0RE

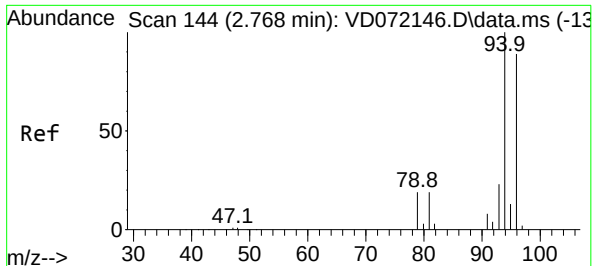
Tgt Ion:168 Resp: 14370
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6



#3
Chloromethane
Concen: 5.317 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 50 Resp: 628
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

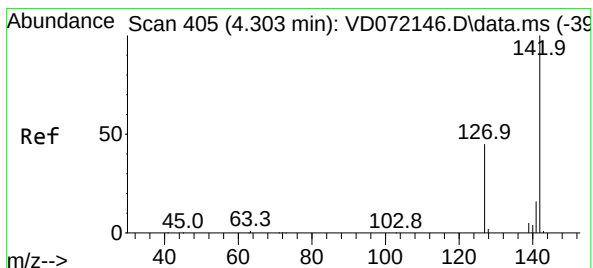
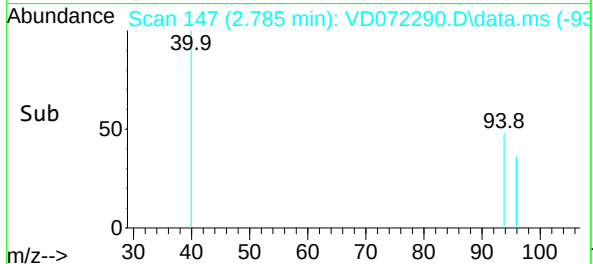
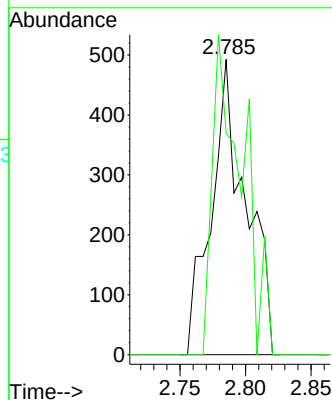
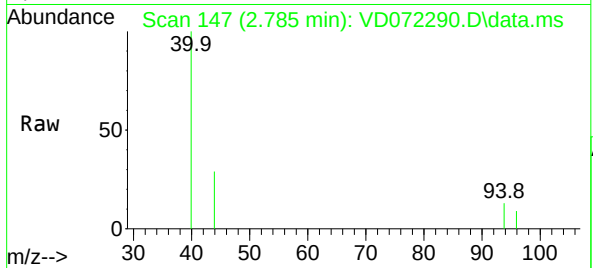




#5
Bromomethane
Concen: 12.177 ug/l
RT: 2.785 min Scan# 144
Delta R.T. 0.018 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

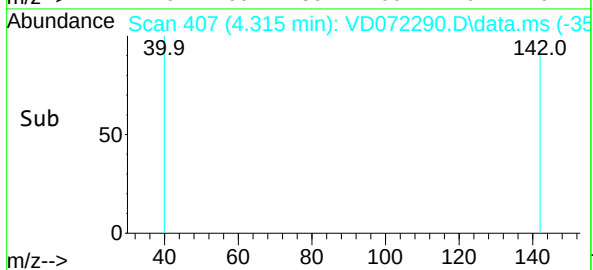
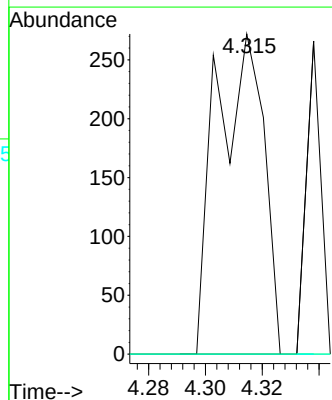
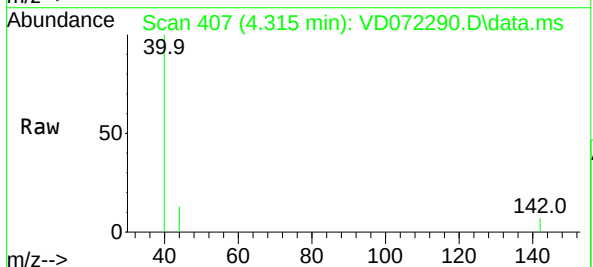
Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0RE

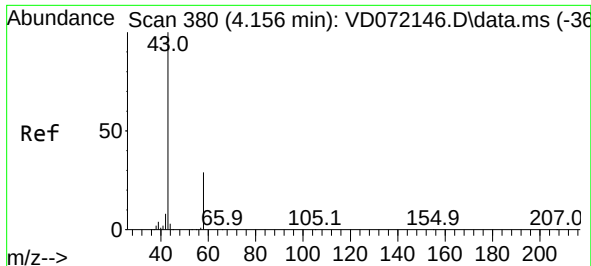
Tgt Ion: 94 Resp: 904
Ion Ratio Lower Upper
94 100
96 75.1 77.6 116.4#



#10
Methyl Iodide
Concen: 4.267 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 142 Resp: 314
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#





#16

Acetone

Concen: 7.535 ug/l

RT: 4.162 min Scan# 380

Delta R.T. 0.006 min

Lab File: VD072290.D

Acq: 18 Mar 2022 15:19

Instrument :

MSVOA_D

ClientSampleId :

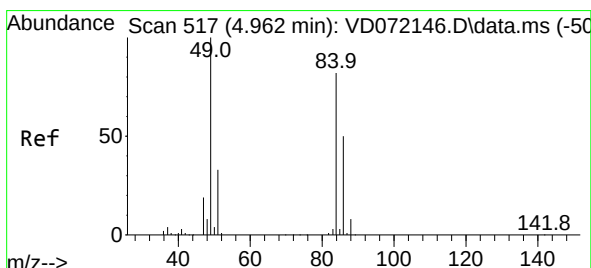
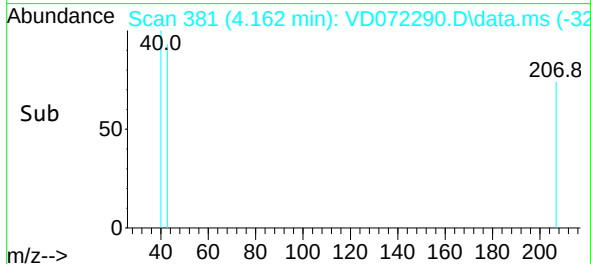
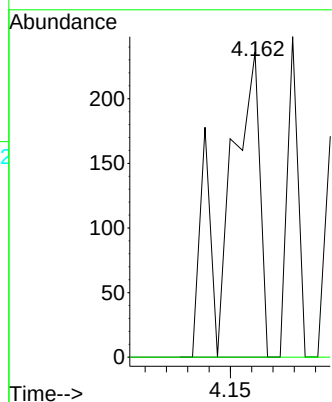
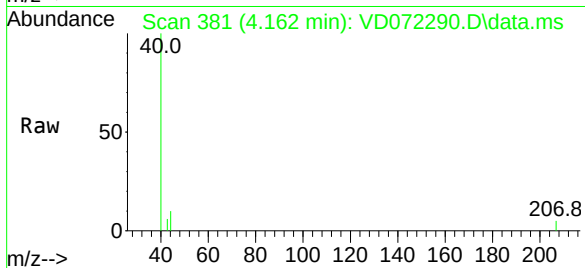
SB-07-4.5-5.0RE

Tgt Ion: 43 Resp: 262

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072290.D

Acq: 18 Mar 2022 15:19

Tgt Ion: 84 Resp: 208

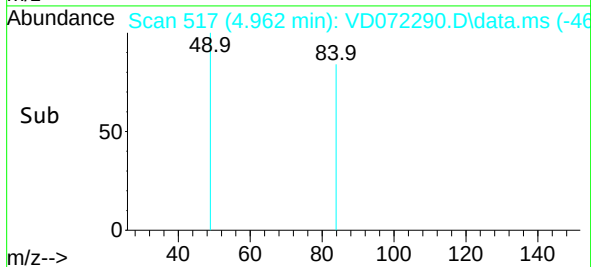
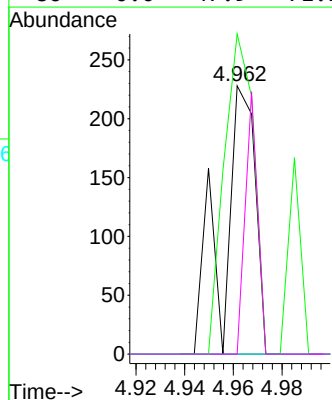
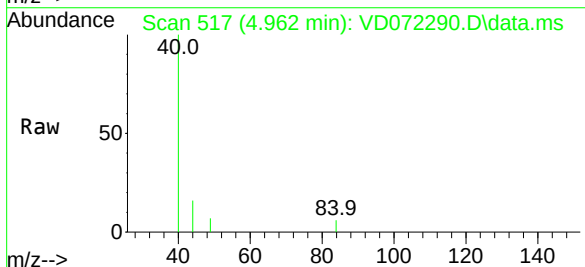
Ion Ratio Lower Upper

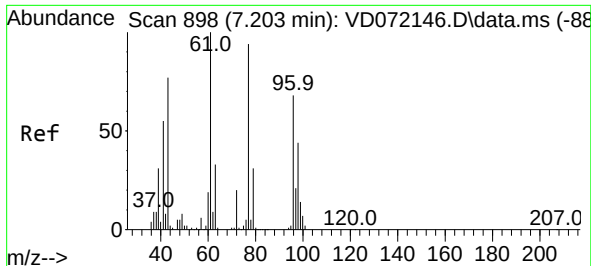
84 100

49 119.3 112.8 169.2

51 0.0 32.6 48.8#

86 0.0 47.9 71.9#

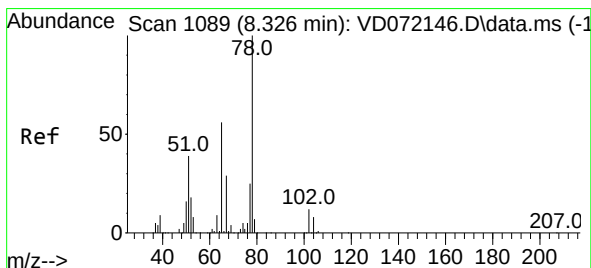
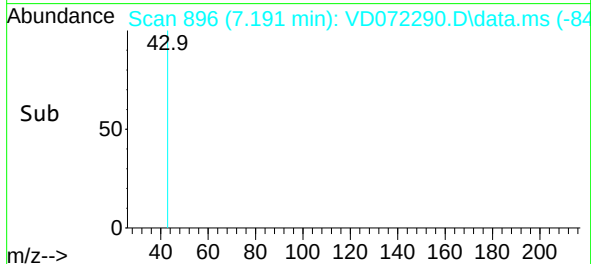
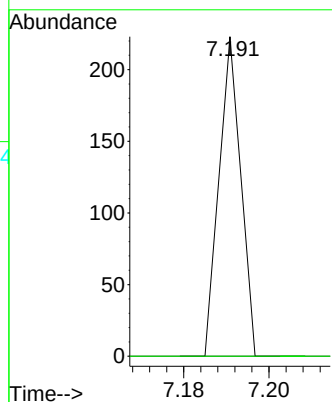
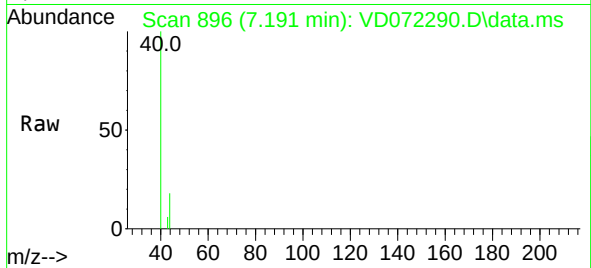




#25
2-Butanone
Concen: 1.704 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.012 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

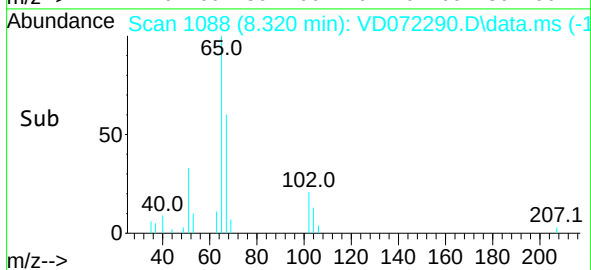
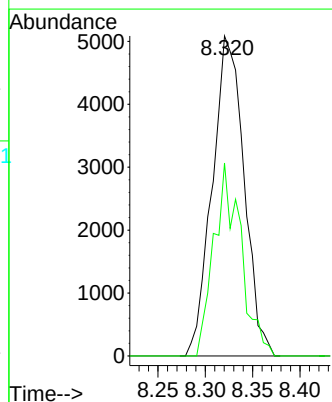
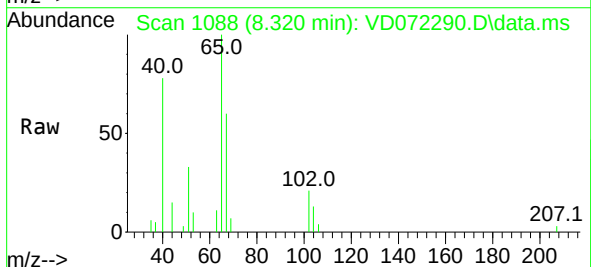
Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0RE

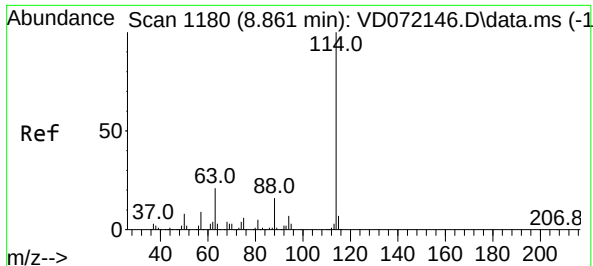
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#33
1,2-Dichloroethane-d4
Concen: 74.145 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 65 Resp: 11874
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072290.D

Acq: 18 Mar 2022 15:19

Instrument :

MSVOA_D

ClientSampleId :

SB-07-4.5-5.0RE

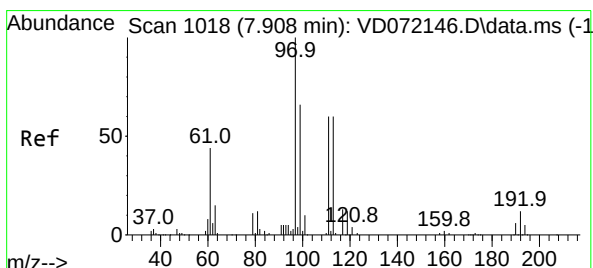
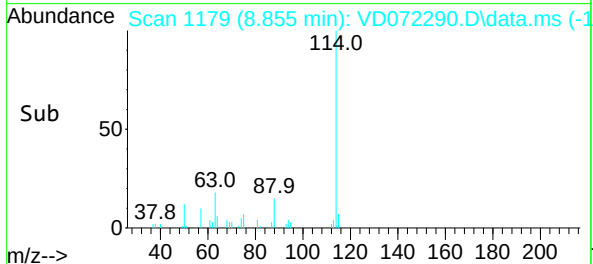
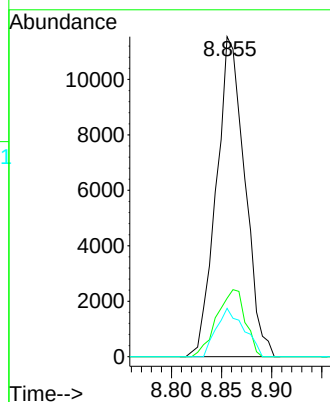
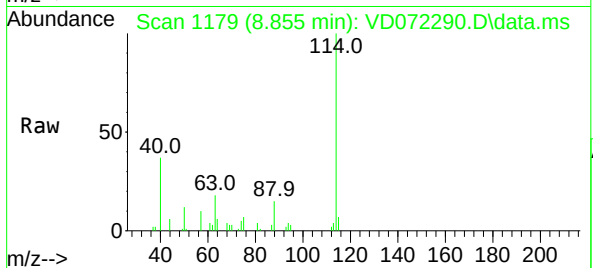
Tgt Ion:114 Resp: 22787

Ion Ratio Lower Upper

114 100

63 18.3 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 63.840 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD072290.D

Acq: 18 Mar 2022 15:19

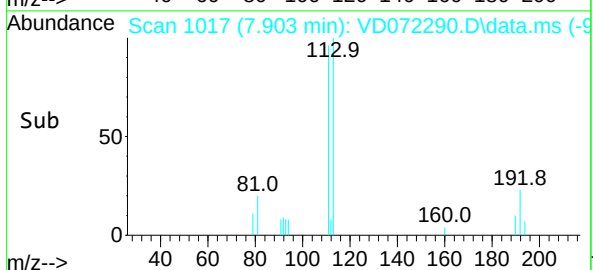
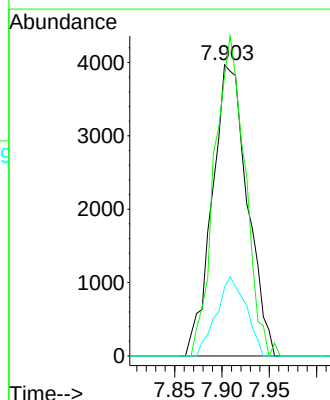
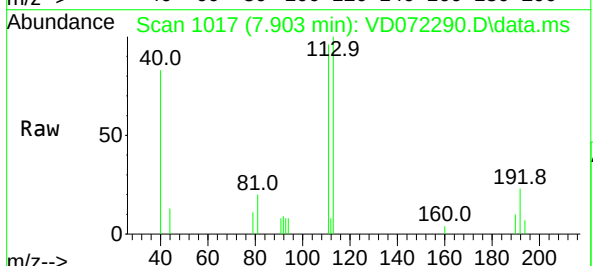
Tgt Ion:113 Resp: 10237

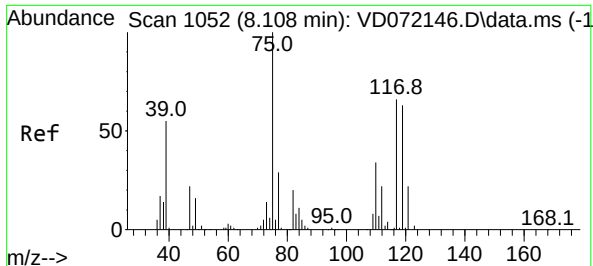
Ion Ratio Lower Upper

113 100

111 95.5 83.8 125.6

192 22.9 14.6 21.8#

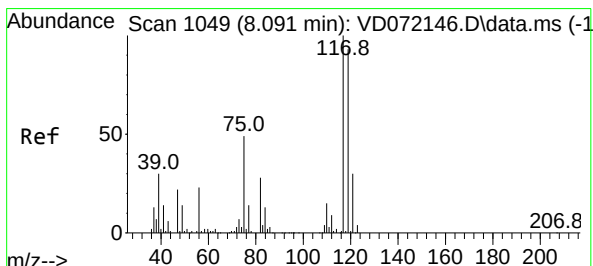
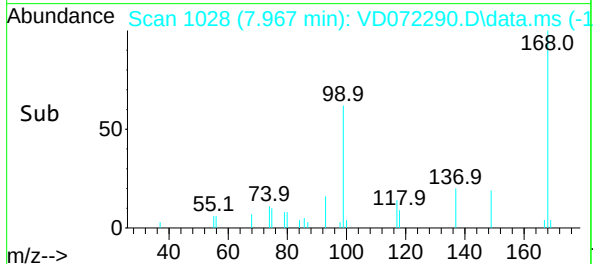
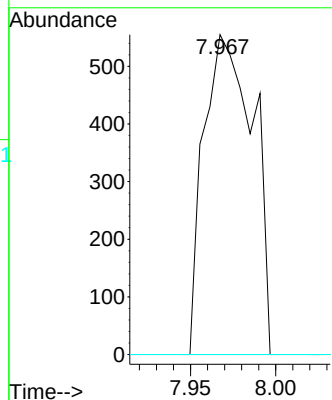
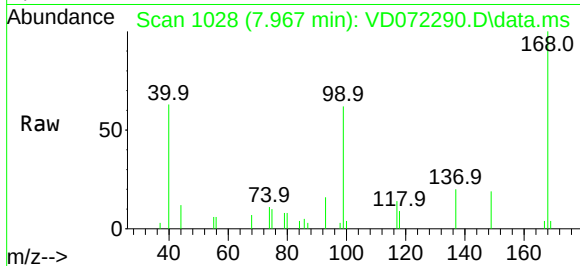




#36
1,1-Dichloropropene
Concen: 4.970 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

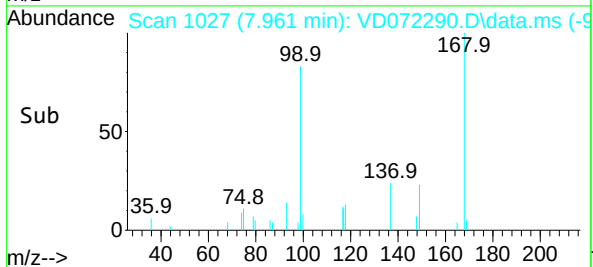
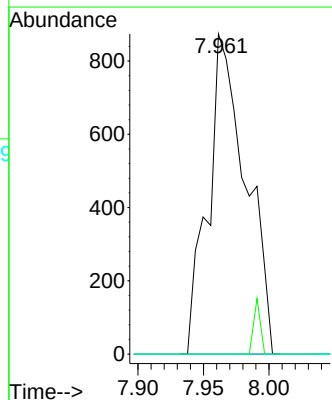
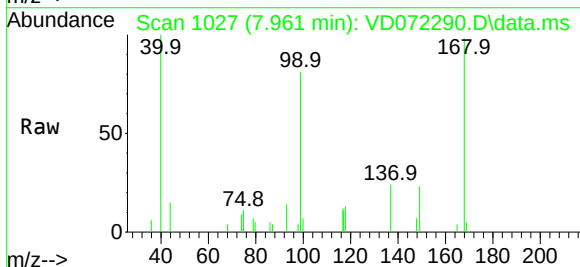
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SB-07-4.5-5.0RE

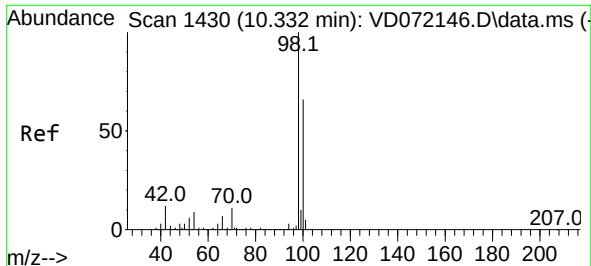
Tgt Ion: 75	Resp:	1118
Ion Ratio	Lower	Upper
75	100	
110	0.0	16.4 49.1#
77	0.0	24.2 36.2#



#38
Carbon Tetrachloride
Concen: 6.848 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.129 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 117	Resp:	1751
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.5 36.7#

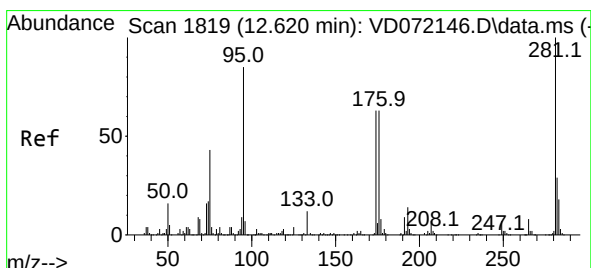
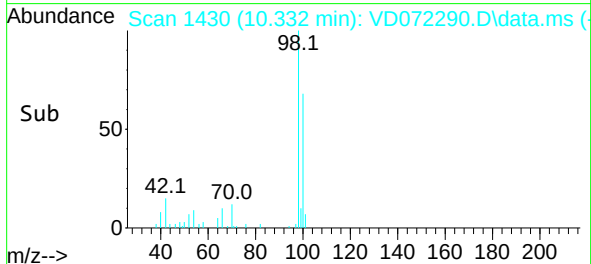
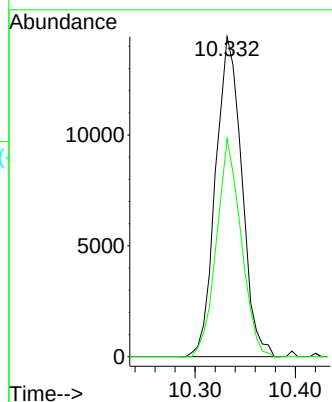
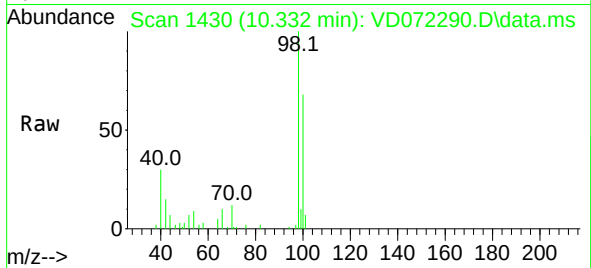




#50
Toluene-d8
Concen: 44.626 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

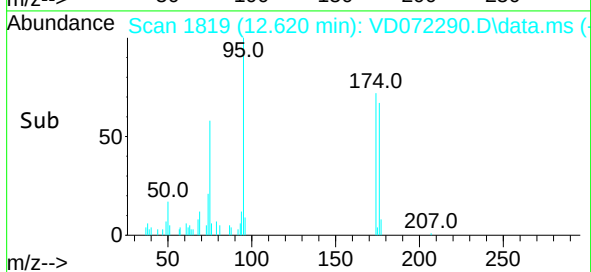
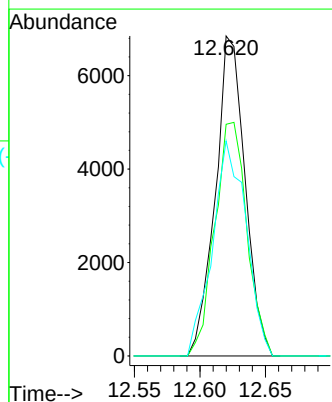
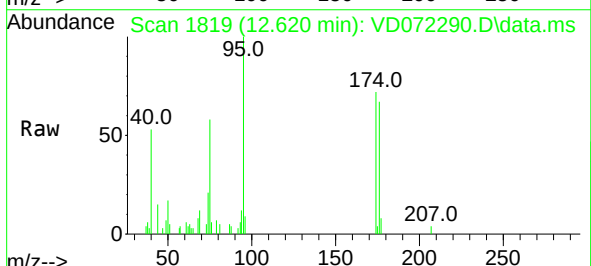
Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0RE

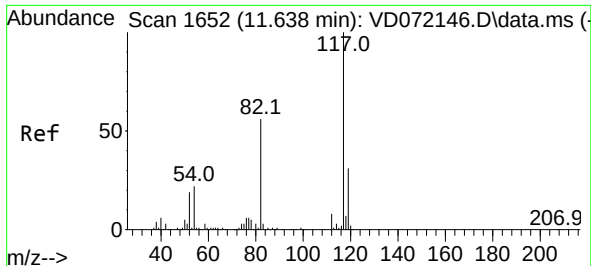
Tgt Ion: 98 Resp: 26166
Ion Ratio Lower Upper
98 100
100 64.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.344 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 95 Resp: 10786
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.8
176 76.3 0.0 145.4

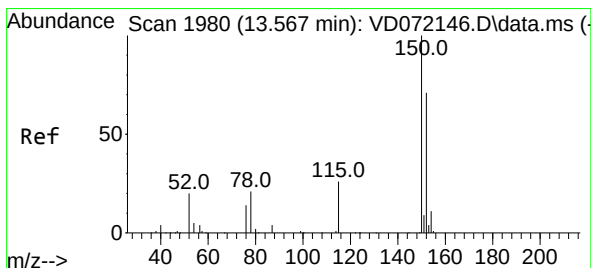
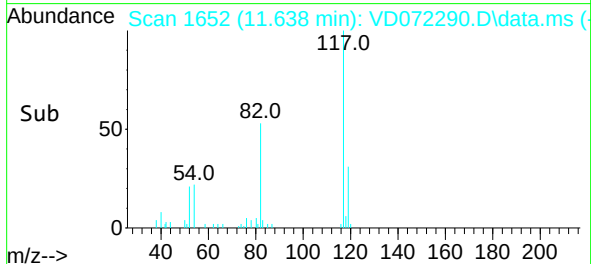
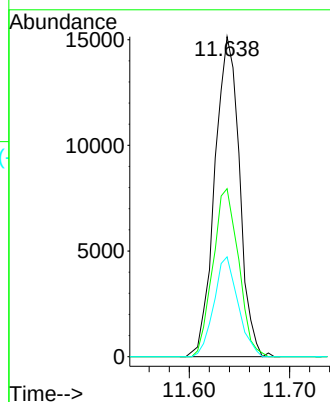
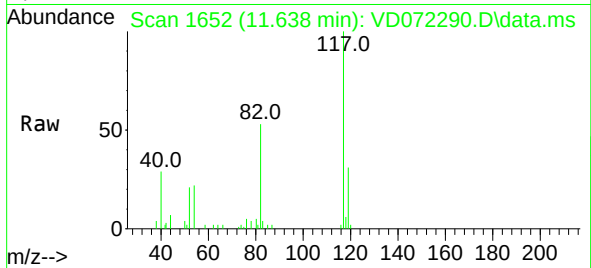




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

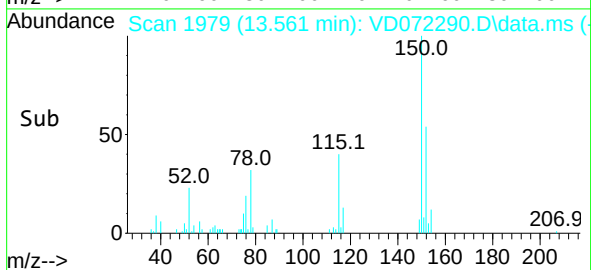
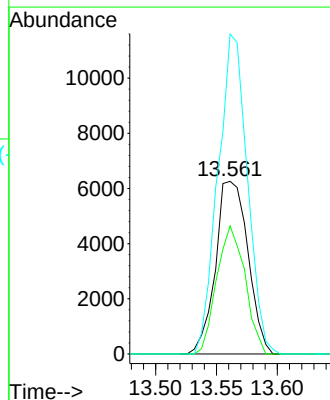
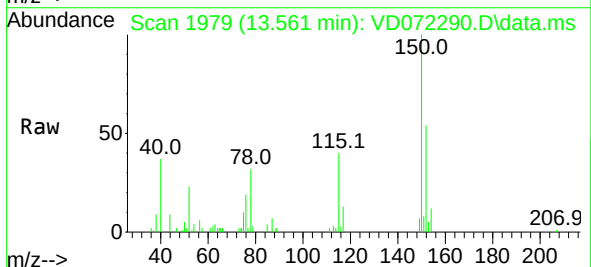
Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0RE

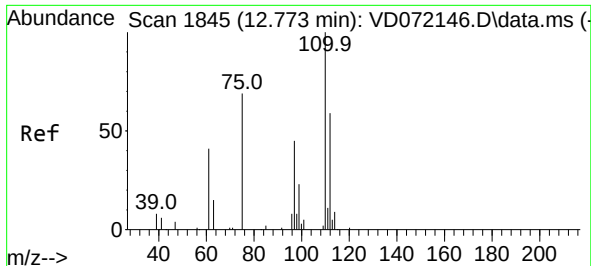
Tgt Ion:	117	Resp:	25934
Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.3	67.9
119	31.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion:	152	Resp:	11611
Ion	Ratio	Lower	Upper
152	100		
115	64.5	31.3	93.8
150	168.1	0.0	348.6

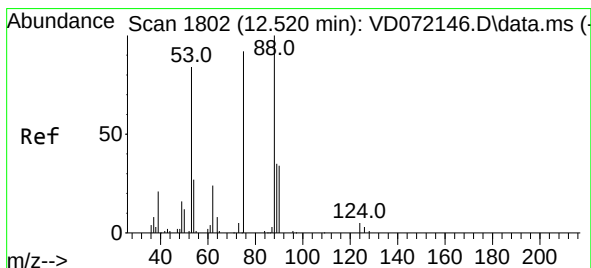
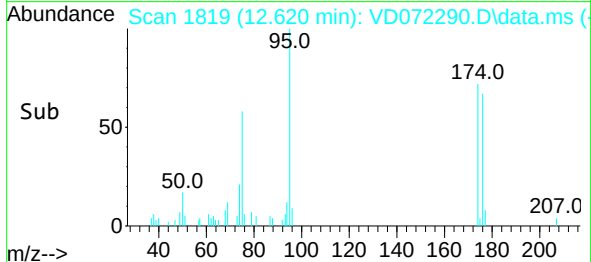
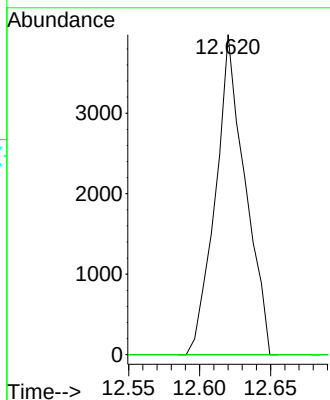
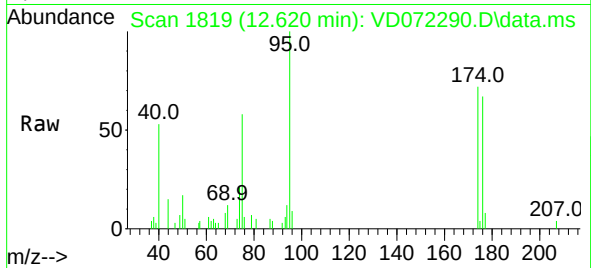




#76
1,2,3-Trichloropropane
Concen: 45.089 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

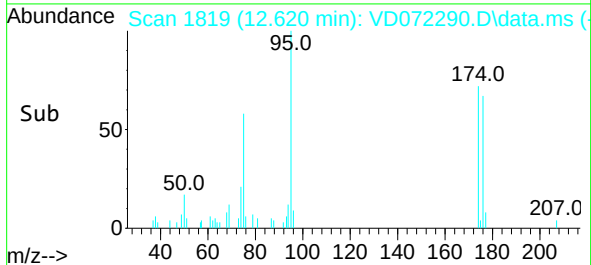
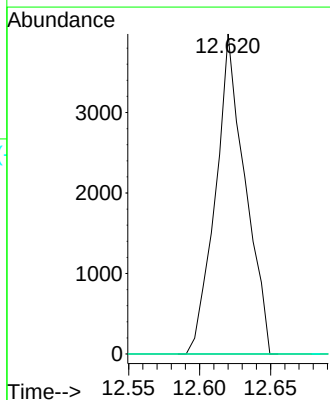
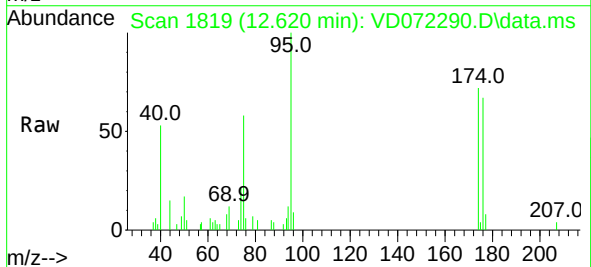
Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0RE

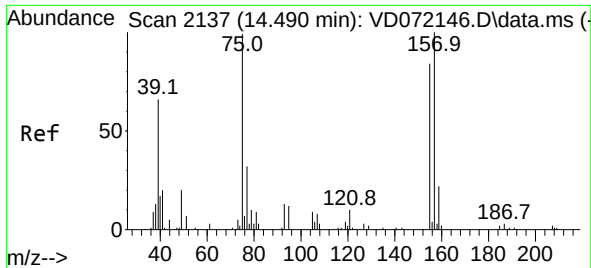
Tgt Ion: 75 Resp: 5775
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 111.871 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 75 Resp: 5775
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.056 ug/l

RT: 14.285 min Scan# 21

Delta R.T. -0.206 min

Lab File: VD072290.D

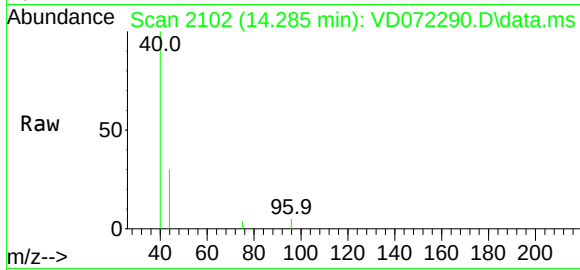
Acq: 18 Mar 2022 15:19

Instrument :

MSVOA_D

ClientSampleId :

SB-07-4.5-5.0RE



Tgt Ion: 75 Resp: 54

Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 0.0 48.4 145.0#

