

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073552.D
 Acq On : 13 Jun 2022 18:10
 Operator : VA/SY
 Sample : N3319-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-061022

Quant Time: Jun 14 01:29:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

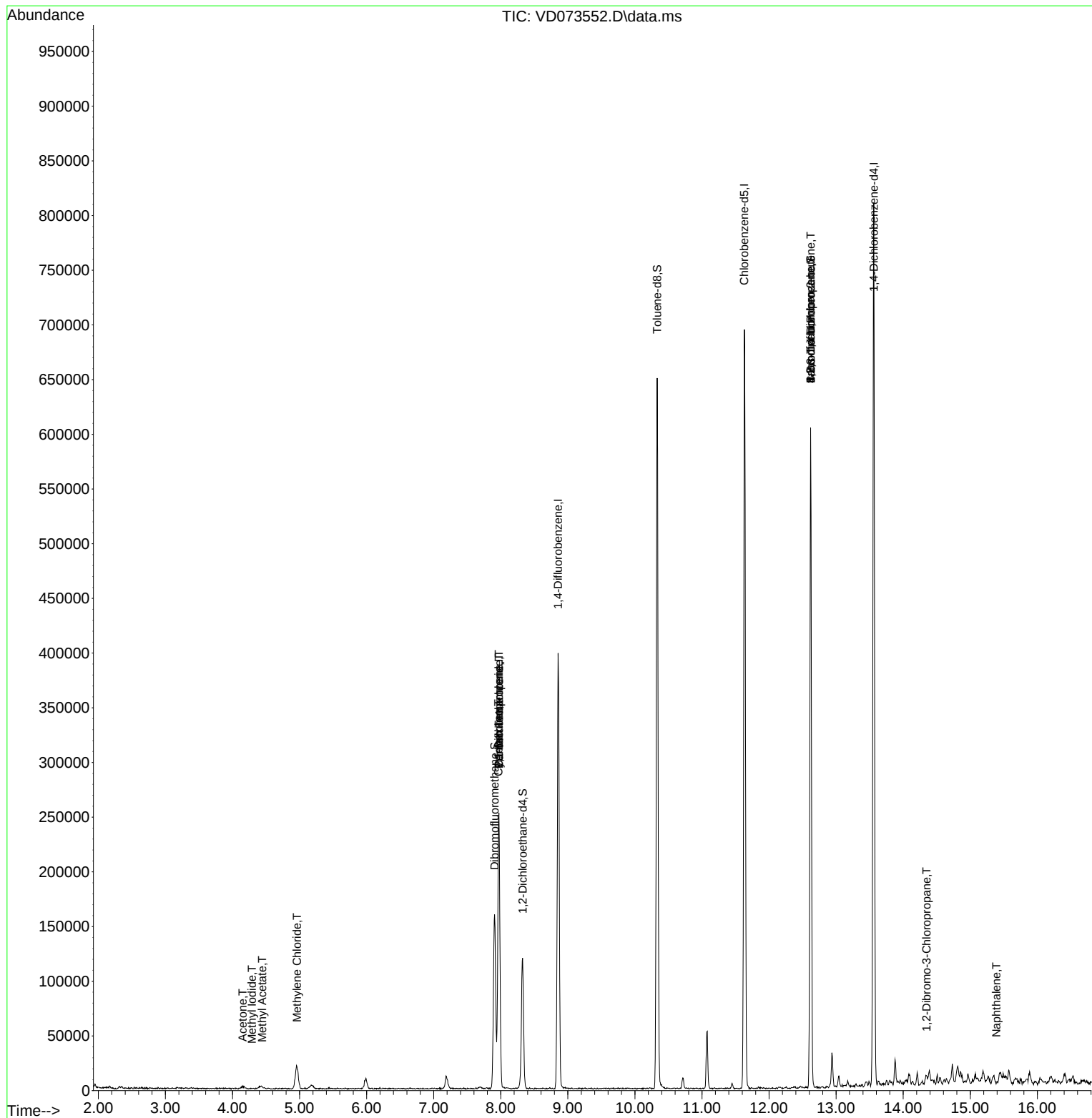
Internal Standards						
1) Pentafluorobenzene	7.973	168	182294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	339764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	412893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	220923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	99981	51.108	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.220%			
35) Dibromofluoromethane	7.908	113	114978	52.626	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.260%			
50) Toluene-d8	10.332	98	439237	53.173	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.340%			
62) 4-Bromofluorobenzene	12.620	95	191793	63.957	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 127.920%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	168	4.241	ug/l #	38
11) Tert butyl alcohol	5.167	59	3344	Below Cal	#	74
16) Acetone	4.150	43	2345	6.808	ug/l	97
18) Methyl Acetate	4.444	43	690	2.060	ug/l #	55
20) Methylene Chloride	4.961	84	16951	4.907	ug/l #	84
31) Cyclohexane	7.967	56	4032	1.224	ug/l #	31
36) 1,1-Dichloropropene	7.973	75	15504	4.725	ug/l #	53
38) Carbon Tetrachloride	7.973	117	19314	5.626	ug/l #	18
71) Bromoform	12.620	173	1989	1.129	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	99342	46.288	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	99342	108.645	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.349	75	551	1.187	ug/l #	6
95) Naphthalene	15.390	128	68	4.212	ug/l #	1

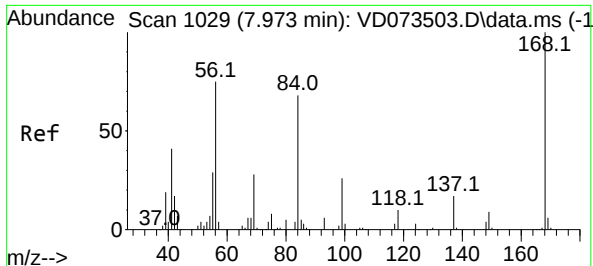
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
Data File : VD073552.D
Acq On : 13 Jun 2022 18:10
Operator : VA/SY
Sample : N3319-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-061022

Quant Time: Jun 14 01:29:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

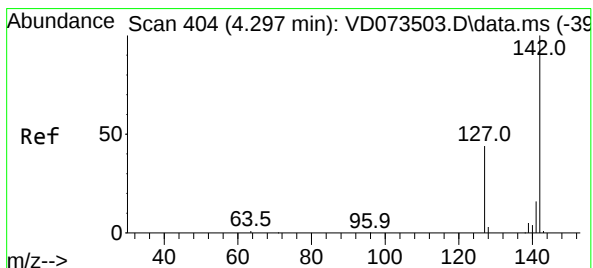
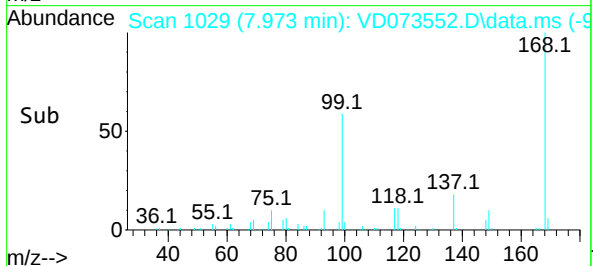
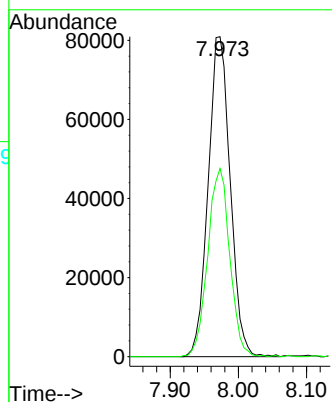
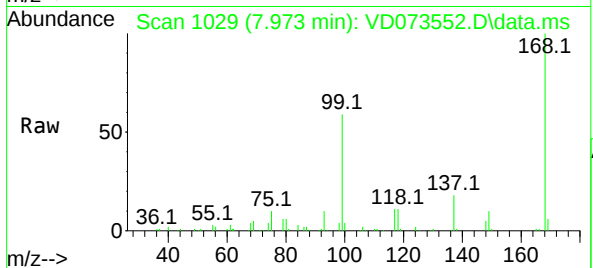




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

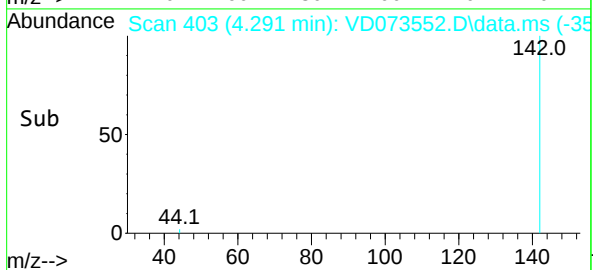
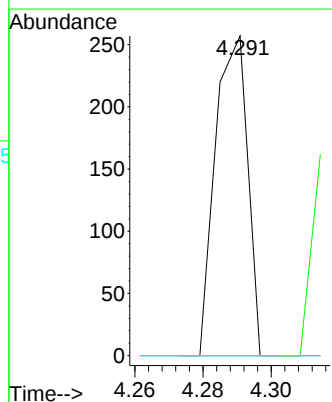
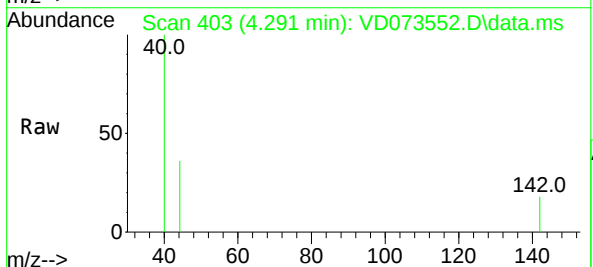
Instrument :
MSVOA_D
ClientSampleId :
TR-06-061022

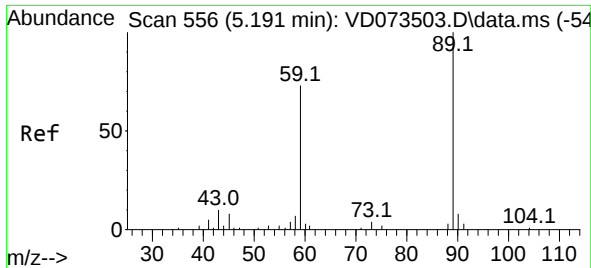
Tgt Ion:168 Resp: 182294
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#10
Methyl Iodide
Concen: 4.241 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.167 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD073552.D

Acq: 13 Jun 2022 18:10

Instrument :

MSVOA_D

ClientSampleId :

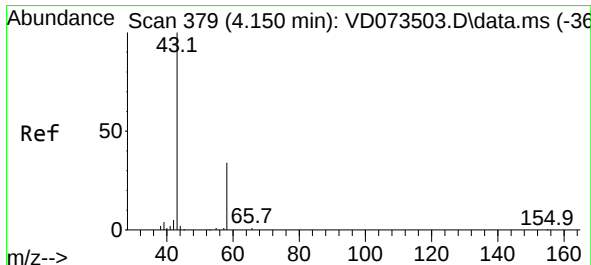
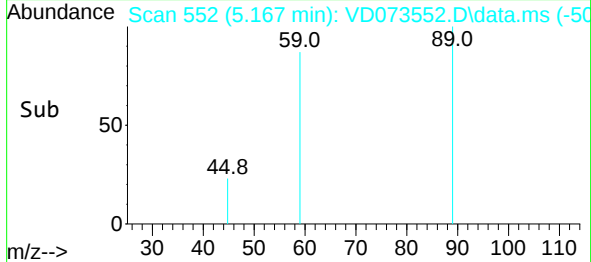
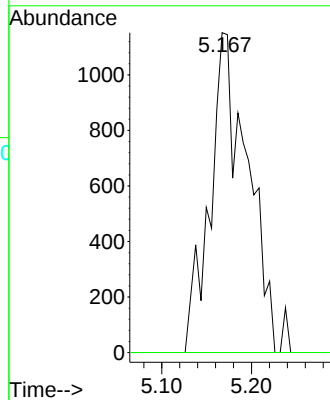
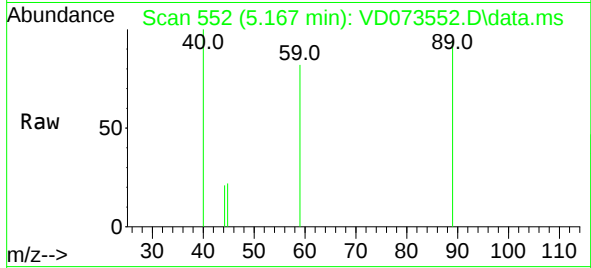
TR-06-061022

Tgt Ion: 59 Resp: 3344

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 6.808 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.000 min

Lab File: VD073552.D

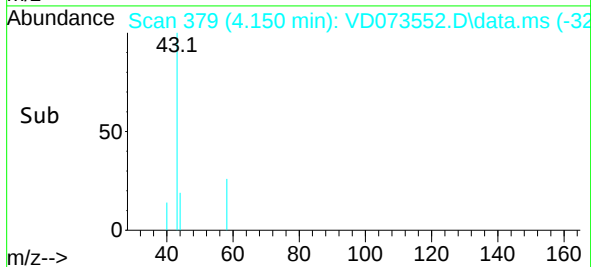
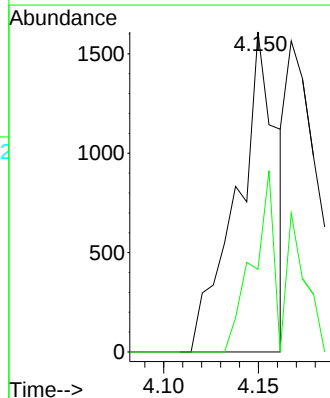
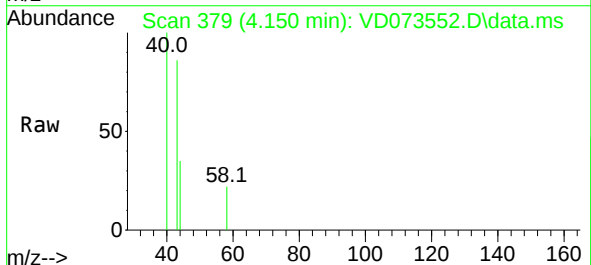
Acq: 13 Jun 2022 18:10

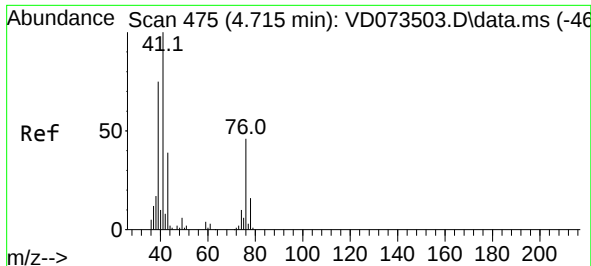
Tgt Ion: 43 Resp: 2345

Ion Ratio Lower Upper

43 100

58 25.8 22.1 33.1

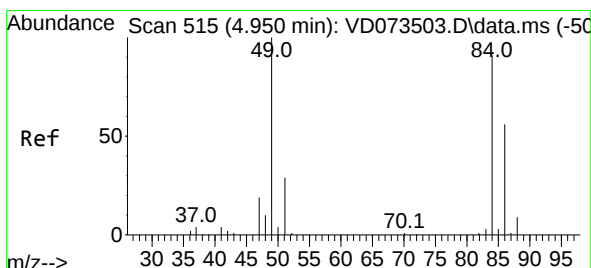
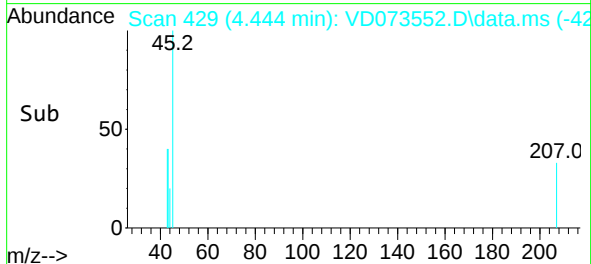
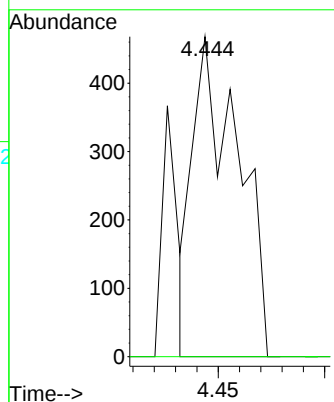
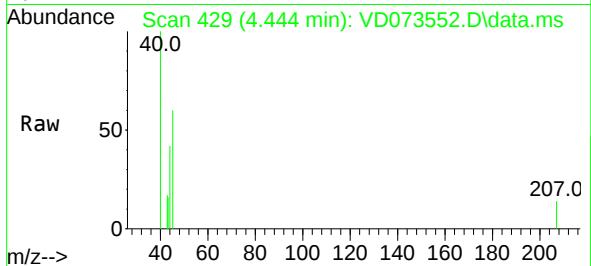




#18
Methyl Acetate
Concen: 2.060 ug/l
RT: 4.444 min Scan# 41
Delta R.T. -0.271 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

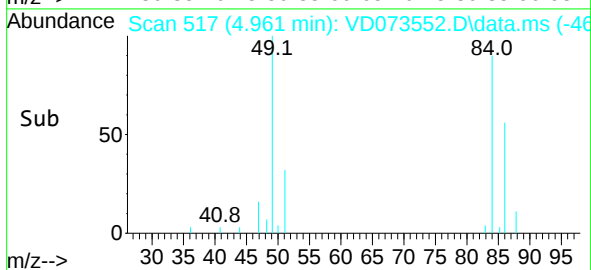
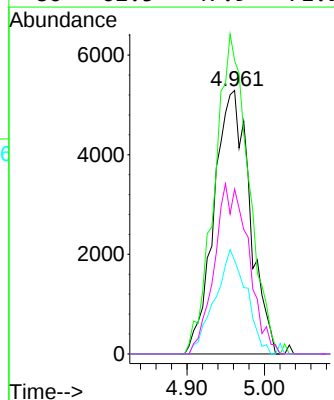
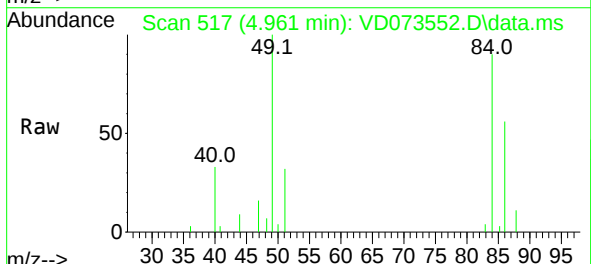
Instrument :
MSVOA_D
ClientSampleId :
TR-06-061022

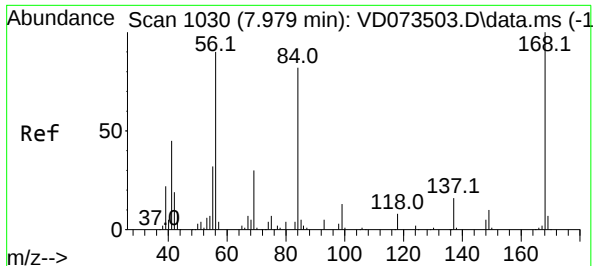
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 4.907 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

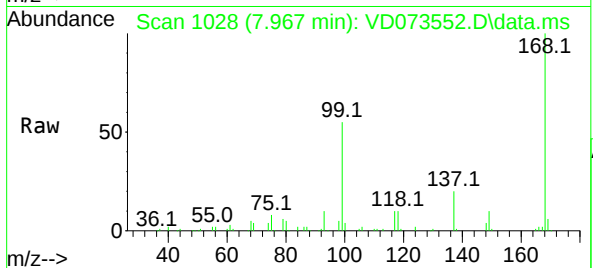
Tgt Ion: 84 Resp: 16951
Ion Ratio Lower Upper
84 100
49 111.3 112.8 169.2#
51 35.4 32.6 48.8
86 62.5 47.9 71.9



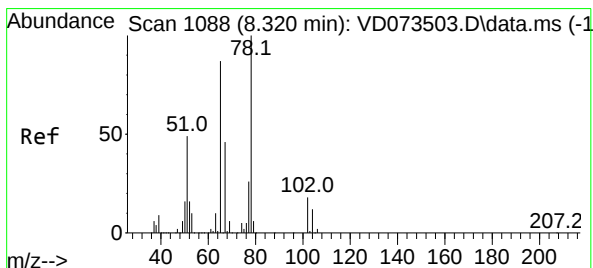
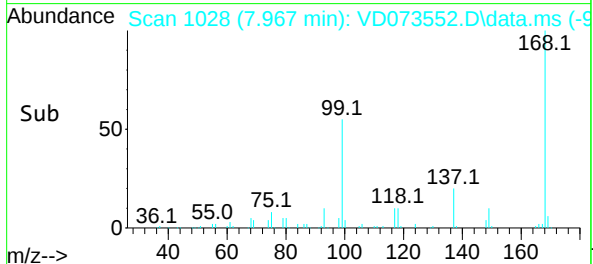
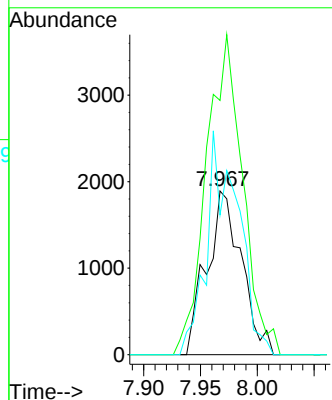


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

Instrument :
MSVOA_D
ClientSampleId :
TR-06-061022

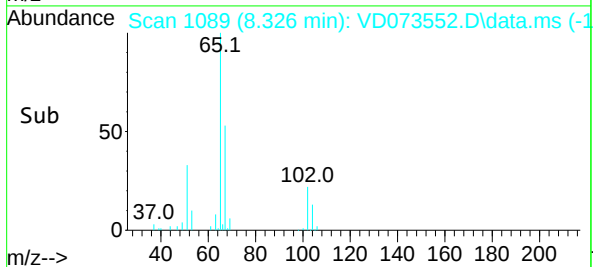
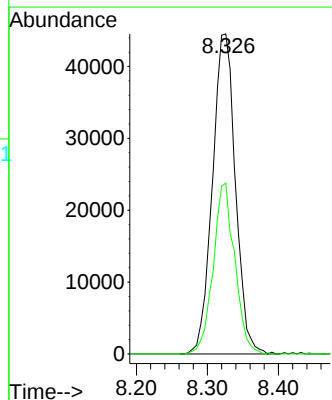
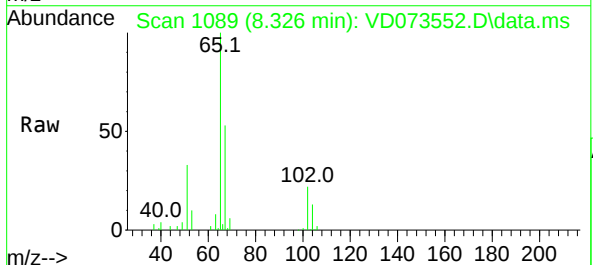


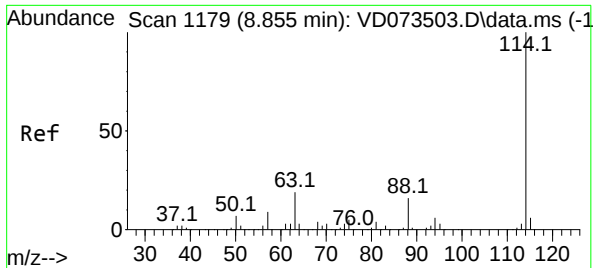
Tgt Ion: 56 Resp: 4032
Ion Ratio Lower Upper
56 100
69 155.2 25.4 38.2#
84 85.3 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 51.108 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

Tgt Ion: 65 Resp: 99981
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.4

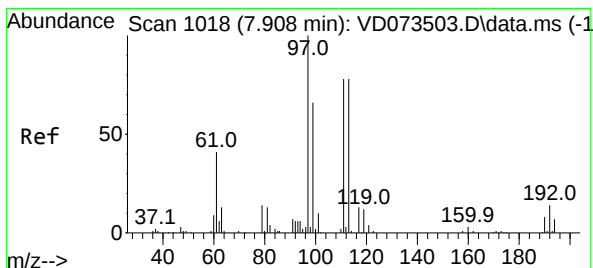
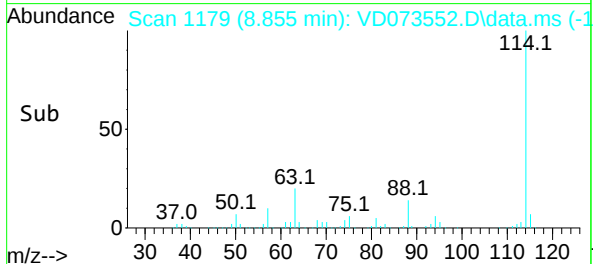
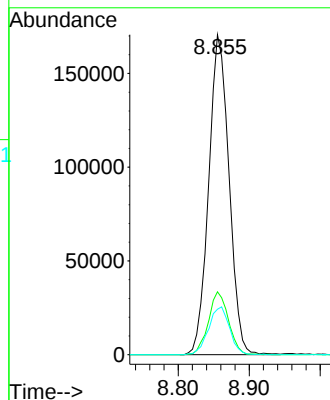
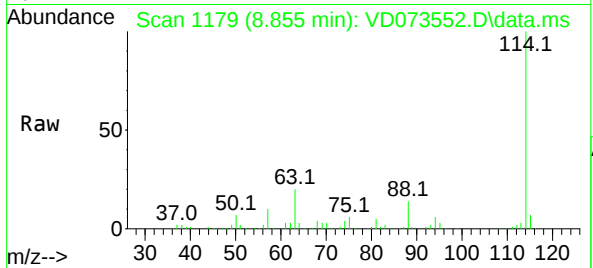




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

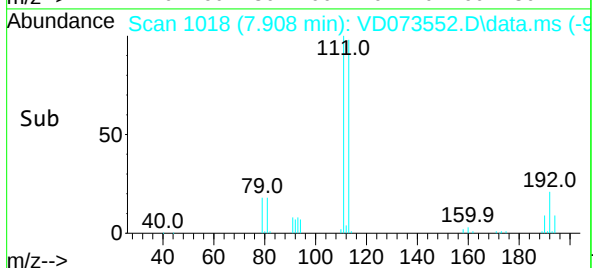
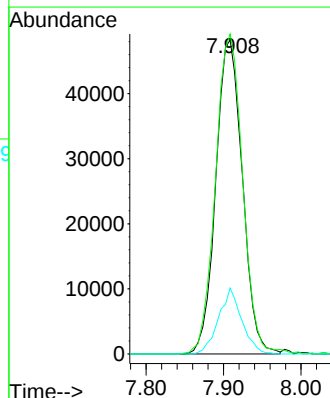
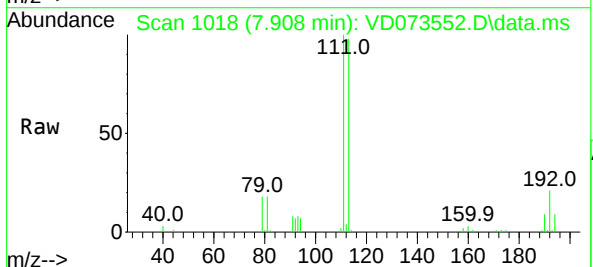
Instrument :
MSVOA_D
ClientSampleId :
TR-06-061022

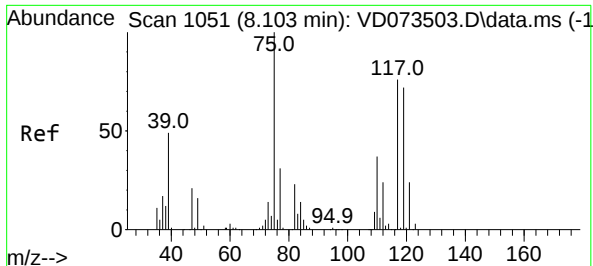
Tgt Ion:114 Resp: 339764
Ion Ratio Lower Upper
114 100
63 19.7 0.0 46.6
88 14.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 52.626 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

Tgt Ion:113 Resp: 114978
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 18.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD073552.D

Acq: 13 Jun 2022 18:10

Instrument :

MSVOA_D

ClientSampleId :

TR-06-061022

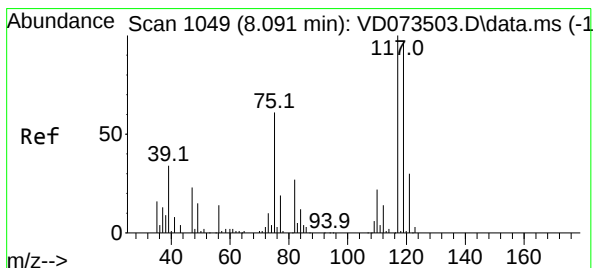
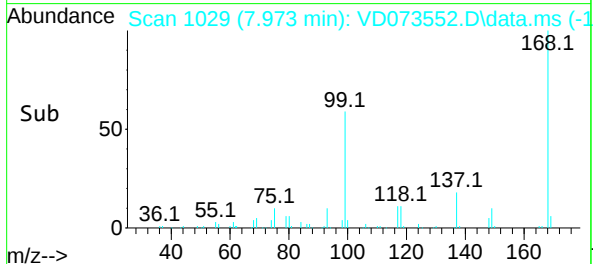
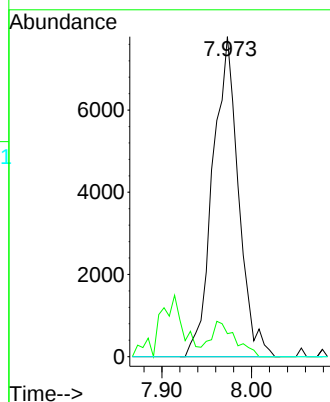
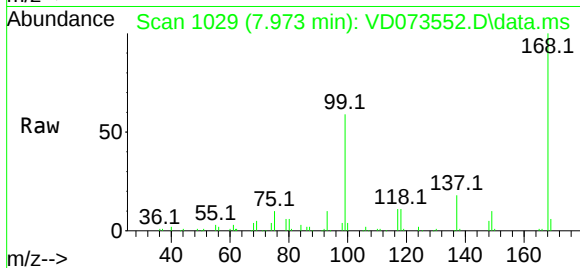
Tgt Ion: 75 Resp: 15504

Ion Ratio Lower Upper

75 100

110 10.4 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.626 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073552.D

Acq: 13 Jun 2022 18:10

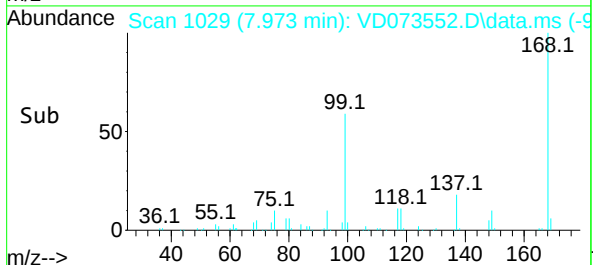
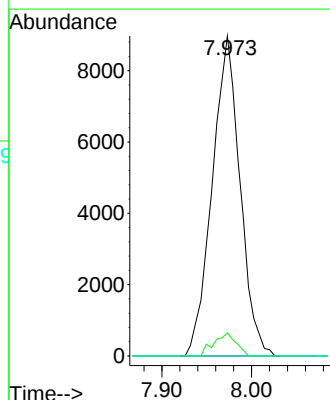
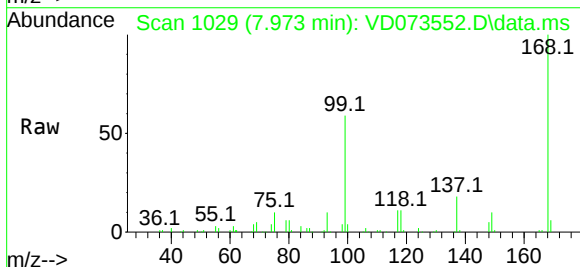
Tgt Ion: 117 Resp: 19314

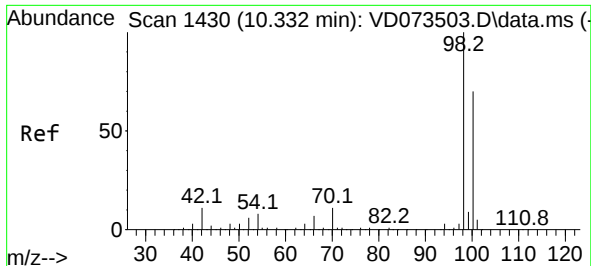
Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.6#

121 0.0 24.5 36.7#

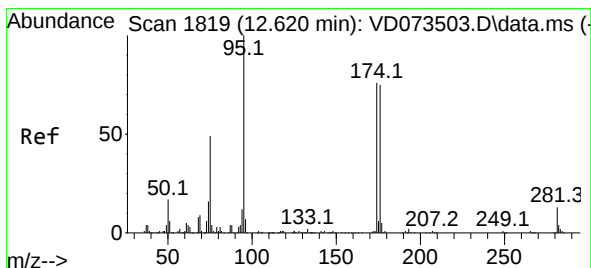
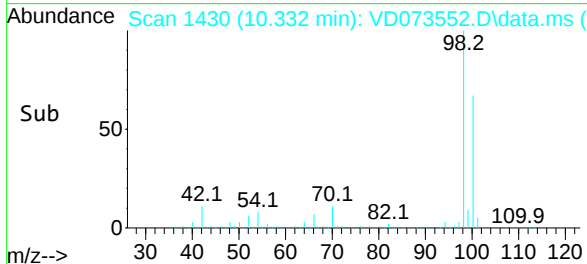
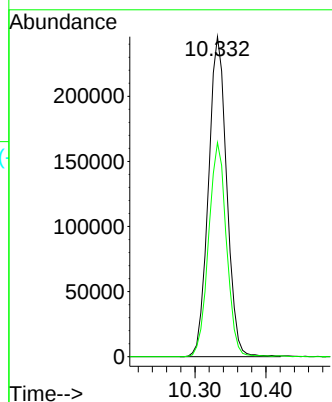
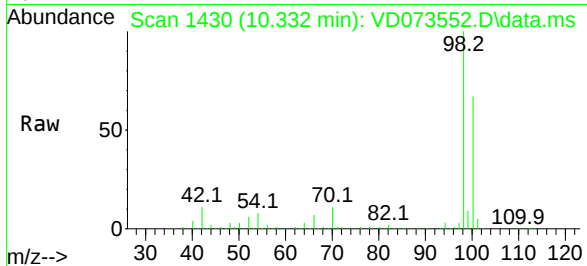




#50
Toluene-d8
Concen: 53.173 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

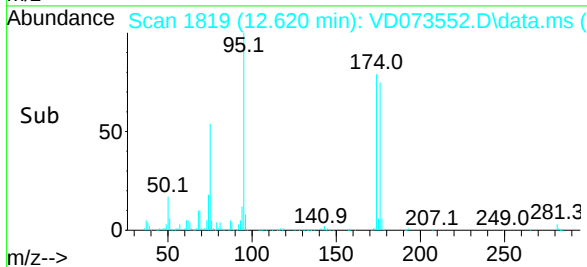
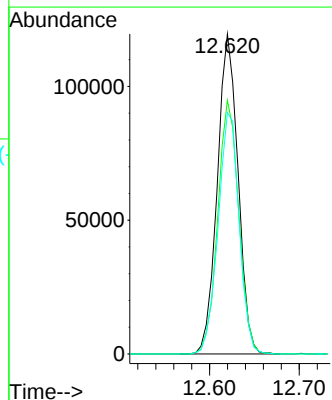
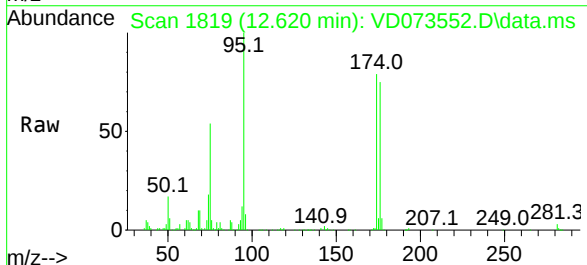
Instrument :
MSVOA_D
ClientSampleId :
TR-06-061022

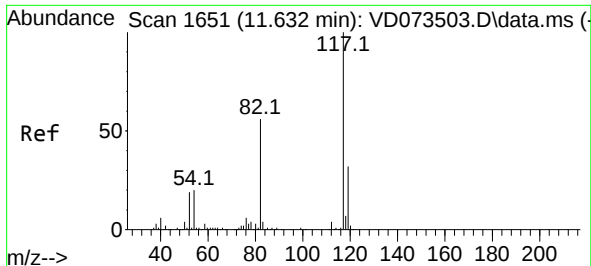
Tgt Ion: 98 Resp: 439237
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 63.957 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

Tgt Ion: 95 Resp: 191793
Ion Ratio Lower Upper
95 100
174 80.4 0.0 152.8
176 76.5 0.0 145.4

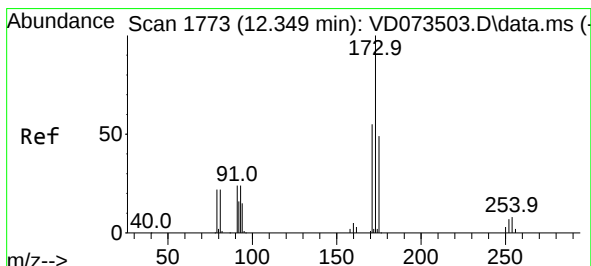
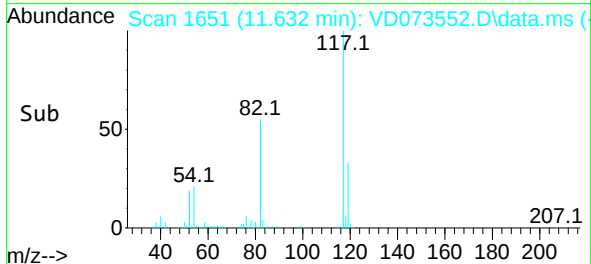
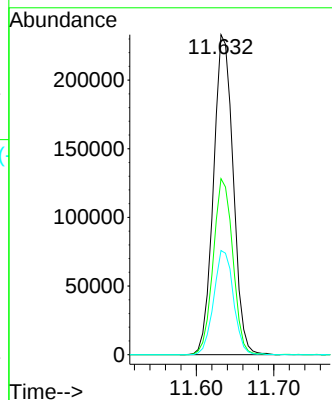
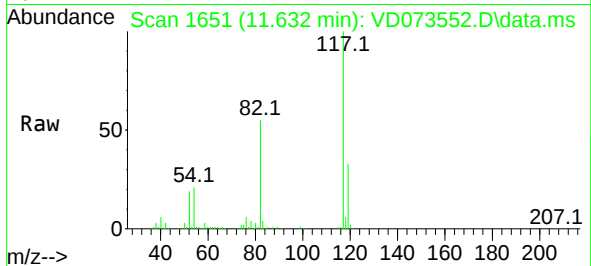




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

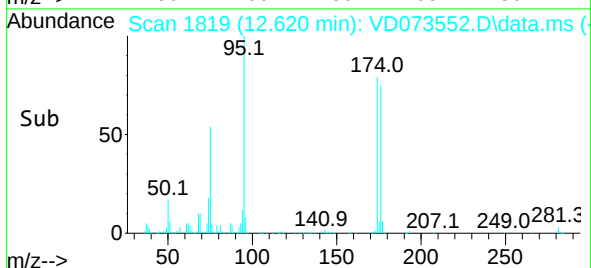
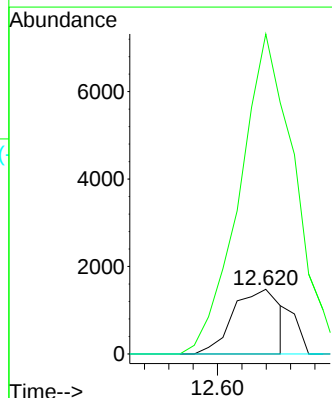
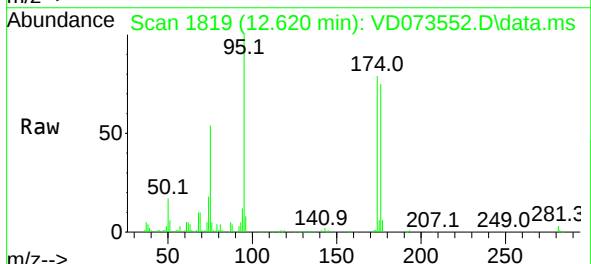
Instrument :
MSVOA_D
ClientSampleId :
TR-06-061022

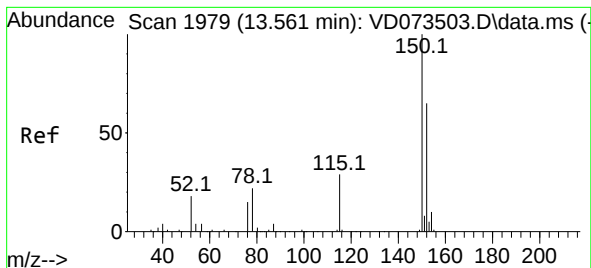
Tgt Ion:117 Resp: 412893
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 32.6 26.6 40.0



#71
Bromoform
Concen: 1.129 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

Tgt Ion:173 Resp: 1989
Ion Ratio Lower Upper
173 100
175 443.4 23.9 71.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073552.D

Acq: 13 Jun 2022 18:10

Instrument :

MSVOA_D

ClientSampleId :

TR-06-061022

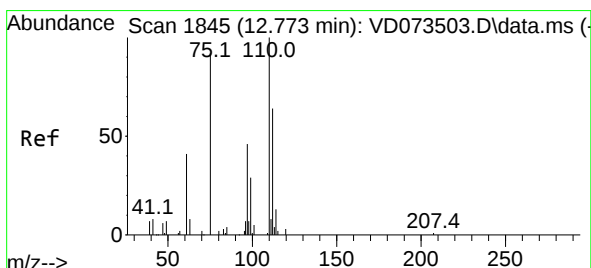
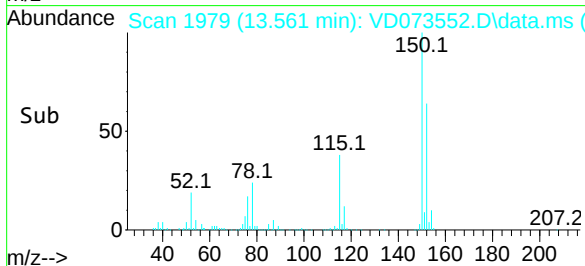
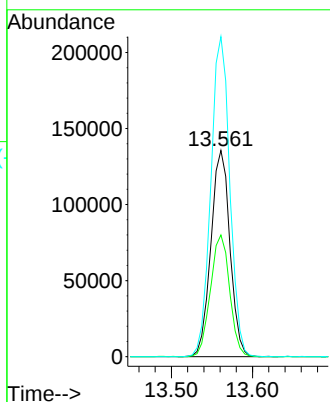
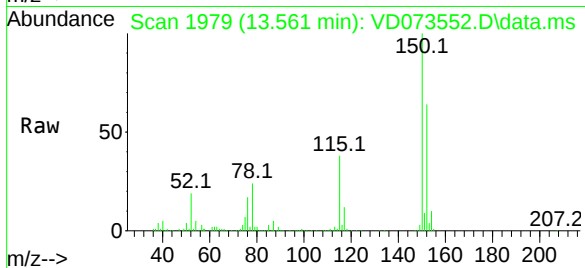
Tgt Ion:152 Resp: 220923

Ion Ratio Lower Upper

152 100

115 59.4 31.3 93.8

150 154.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 46.288 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD073552.D

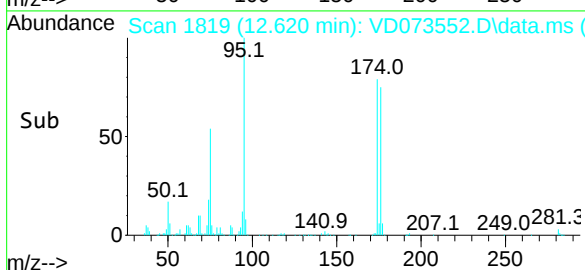
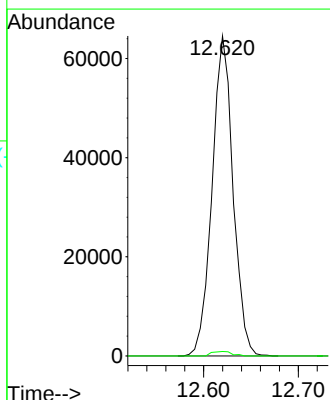
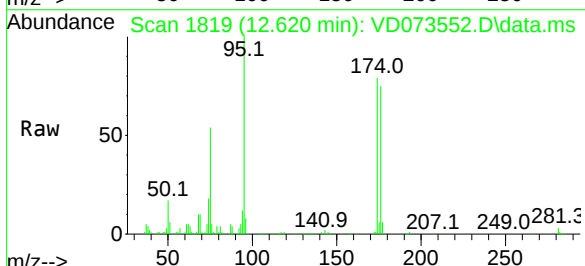
Acq: 13 Jun 2022 18:10

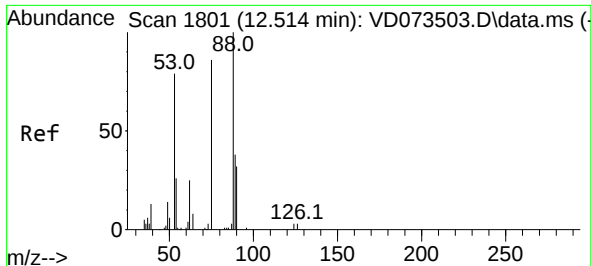
Tgt Ion: 75 Resp: 99342

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

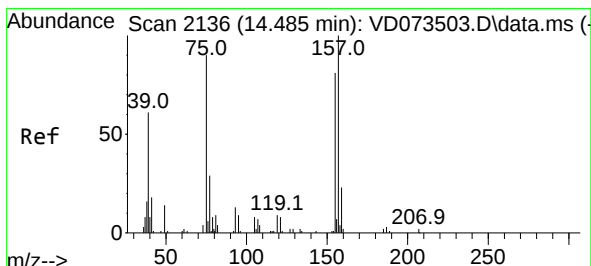
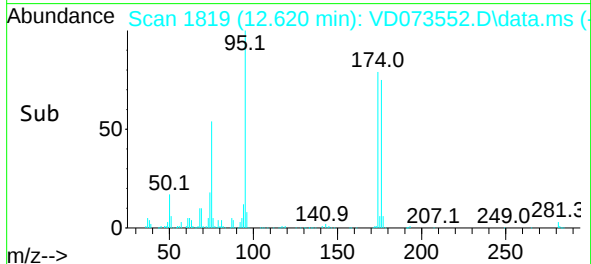
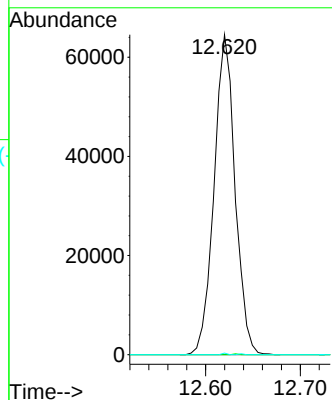
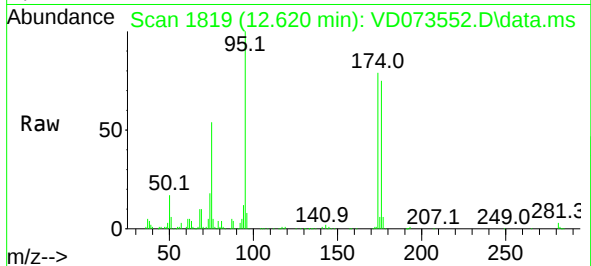




#81
trans-1,4-Dichloro-2-butene
Concen: 108.645 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

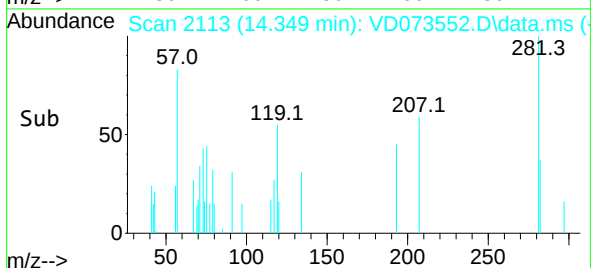
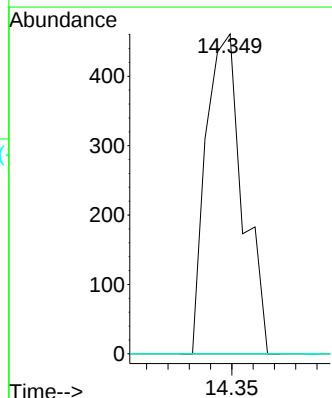
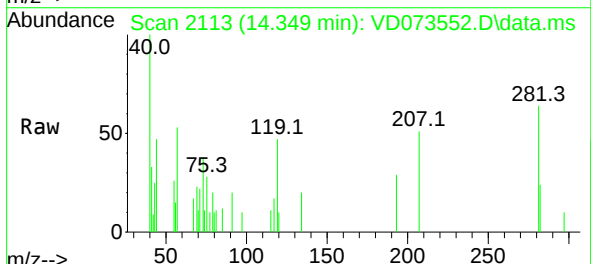
Instrument :
MSVOA_D
ClientSampleId :
TR-06-061022

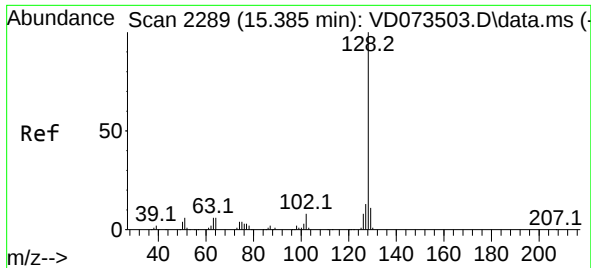
Tgt Ion: 75 Resp: 99342
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.187 ug/l
RT: 14.349 min Scan# 2113
Delta R.T. -0.136 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

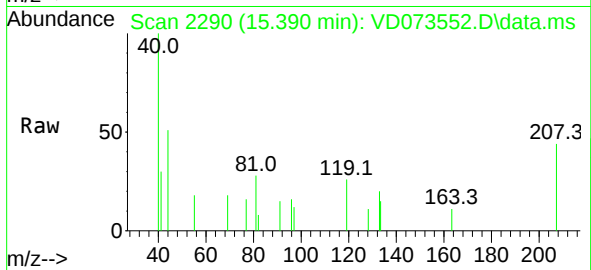
Tgt Ion: 75 Resp: 551
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#





#95
Naphthalene
Concen: 4.212 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD073552.D
Acq: 13 Jun 2022 18:10

Instrument :
MSVOA_D
ClientSampleId :
TR-06-061022



Tgt Ion:128 Resp: 68
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 179.4 8.4 12.6#

