

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073217.D
 Acq On : 21 May 2022 08:44
 Operator : VA/SY
 Sample : N2885-13
 Misc : 5.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-1824-01

Quant Time: May 22 00:01:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

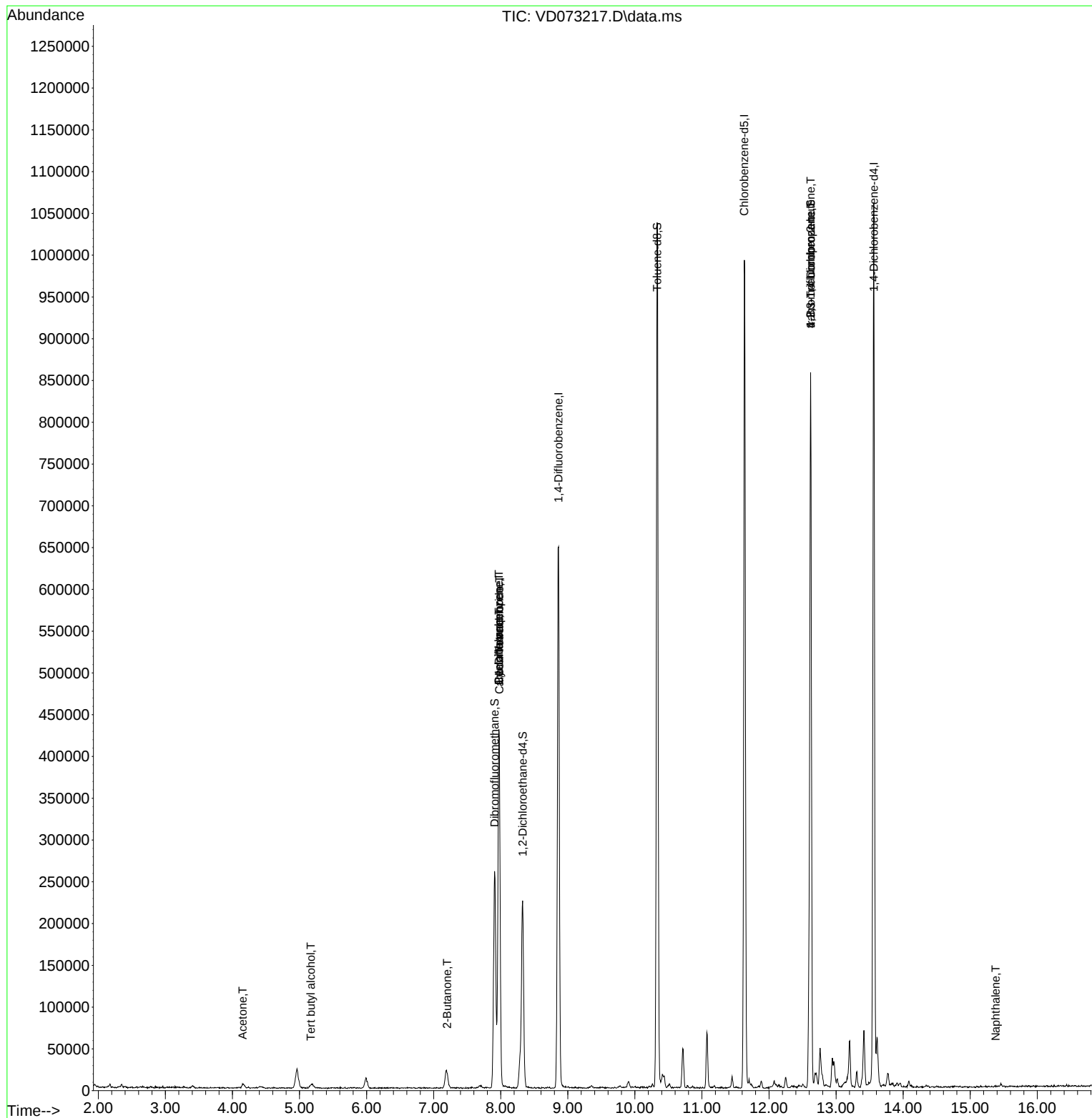
Internal Standards						
1) Pentafluorobenzene	7.973	168	314514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	555314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	577074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172536	49.639	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.280%			
35) Dibromofluoromethane	7.909	113	187932	51.287	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.580%			
50) Toluene-d8	10.332	98	694860	51.442	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.880%			
62) 4-Bromofluorobenzene	12.620	95	274658	57.940	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.880%			
Target Compounds						
5) Bromomethane	2.779	94	786	Below Cal	#	55
11) Tert butyl alcohol	5.168	59	1926	3.571	ug/l #	74
16) Acetone	4.150	43	9579	15.911	ug/l #	74
25) 2-Butanone	7.203	43	1310	1.487	ug/l #	52
31) Cyclohexane	7.973	56	7969	1.312	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	26976	4.895	ug/l #	51
38) Carbon Tetrachloride	7.979	117	32510	5.819	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	140418	53.313	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	140418	127.987	ug/l #	7
95) Naphthalene	15.379	128	137	3.556	ug/l #	70

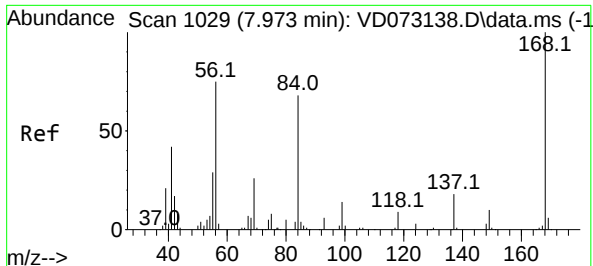
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P008-SS002-1824-01

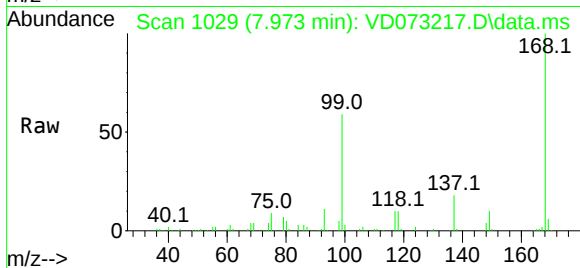
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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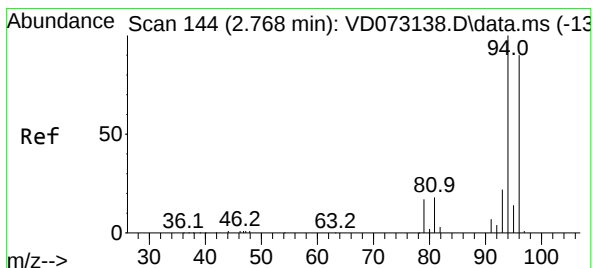
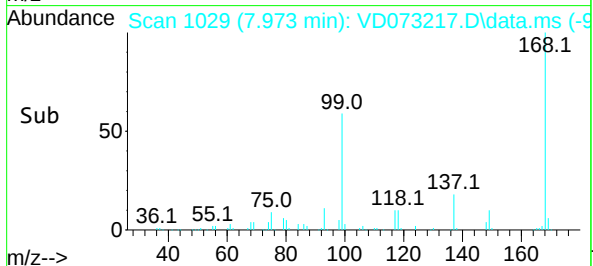
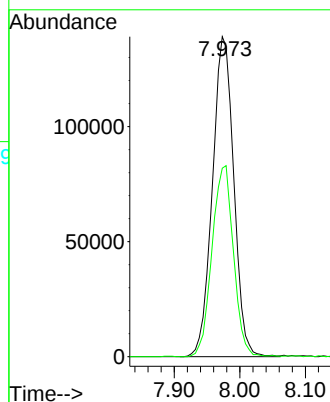


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-1824-01

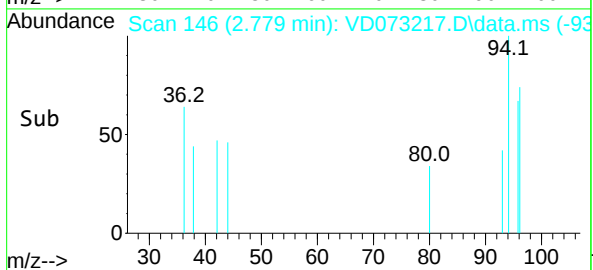
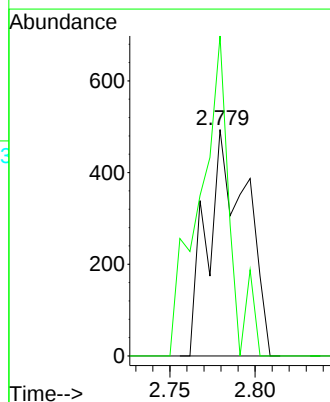
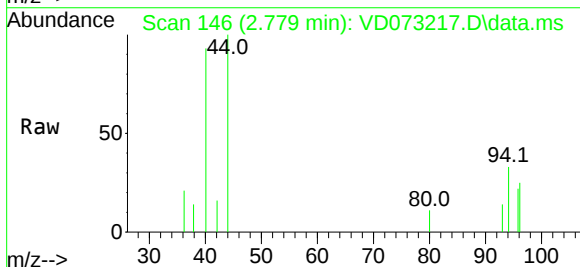


Tgt Ion:168 Resp: 314514
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

Tgt Ion: 94 Resp: 786
Ion Ratio Lower Upper
94 100
96 141.3 77.6 116.4#

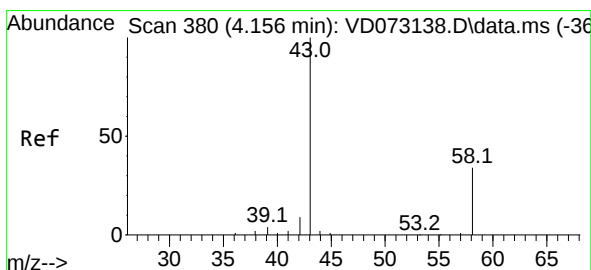
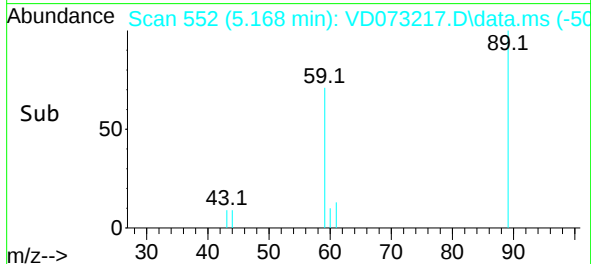
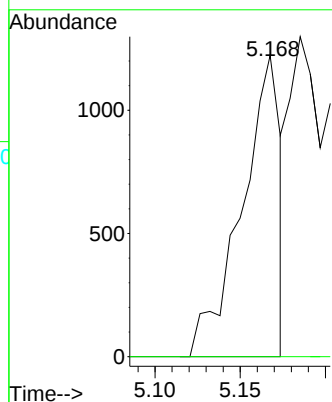
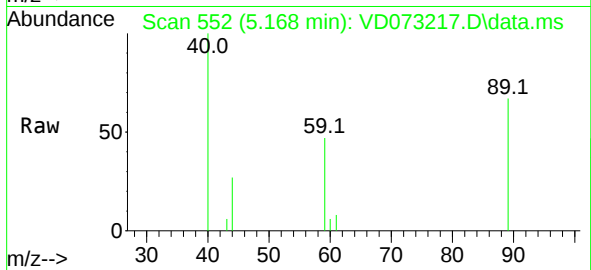




#11
Tert butyl alcohol
Concen: 3.571 ug/l
RT: 5.168 min Scan# 51
Delta R.T. -0.041 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

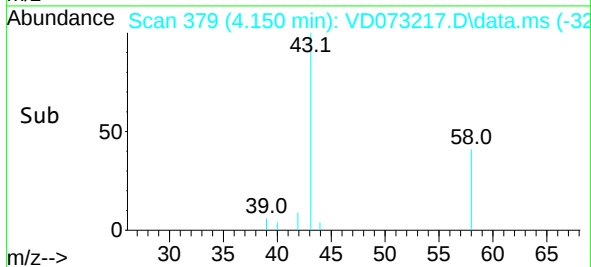
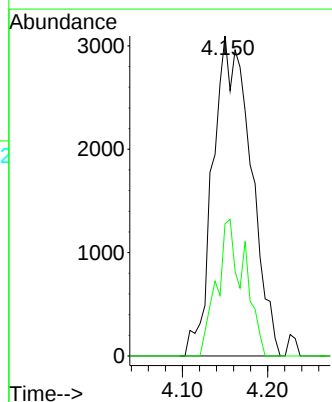
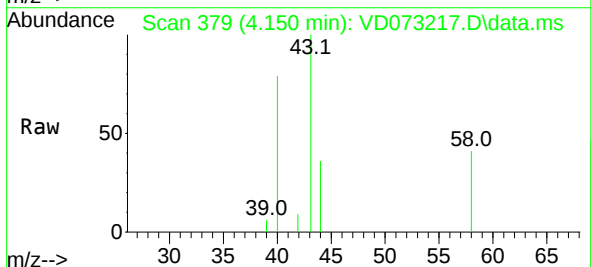
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-1824-01

Tgt Ion: 59 Resp: 1926
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 15.911 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

Tgt Ion: 43 Resp: 9579
Ion Ratio Lower Upper
43 100
58 41.3 22.1 33.1#

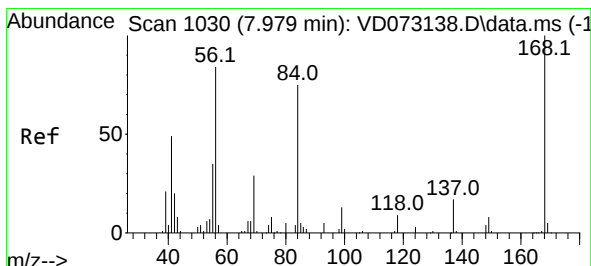
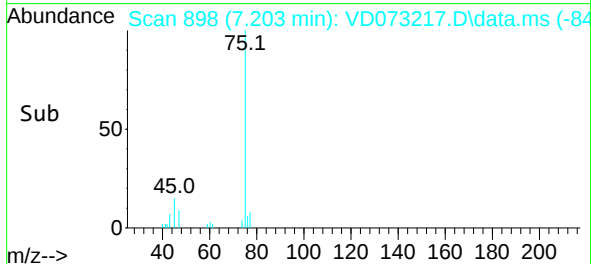
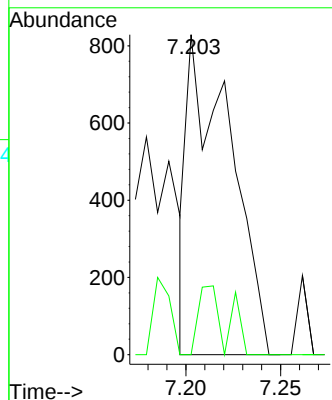
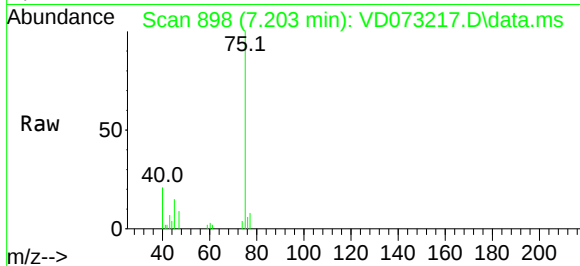




#25
2-Butanone
Concen: 1.487 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

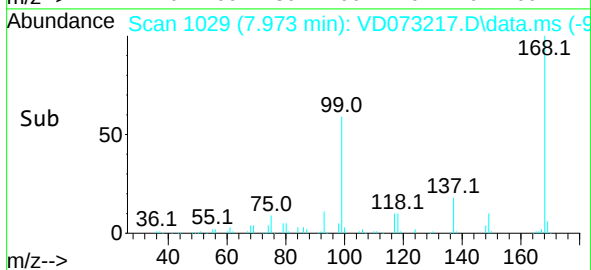
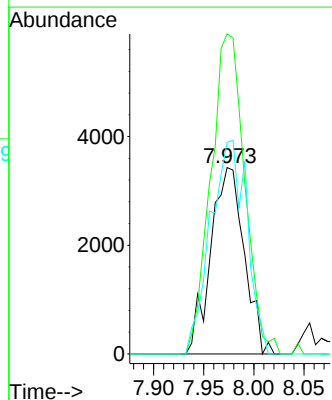
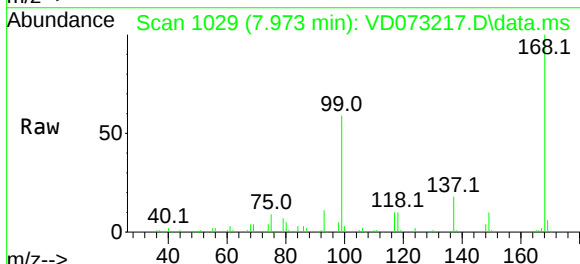
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-1824-01

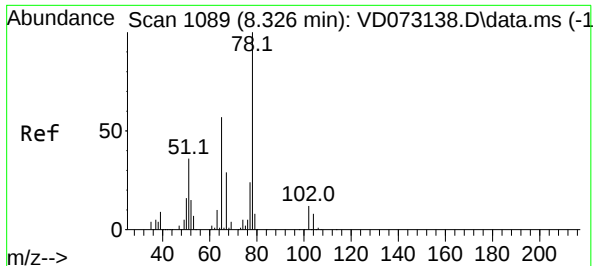
Tgt Ion: 43 Resp: 1310
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.312 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

Tgt Ion: 56 Resp: 7969
Ion Ratio Lower Upper
56 100
69 171.6 25.4 38.2#
84 113.5 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.639 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073217.D

Acq: 21 May 2022 08:44

Instrument :

MSVOA_D

ClientSampleId :

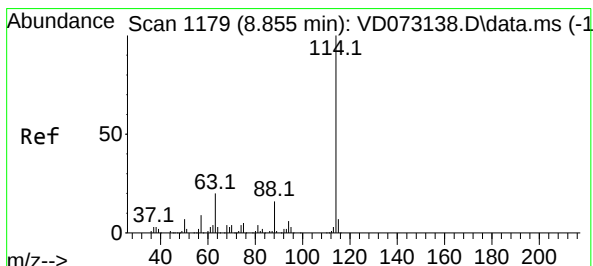
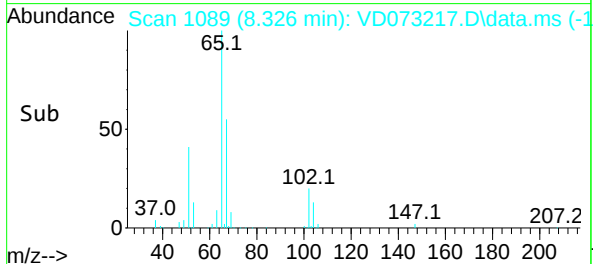
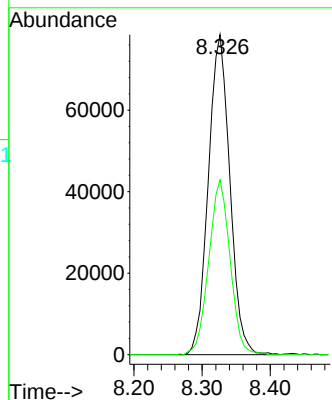
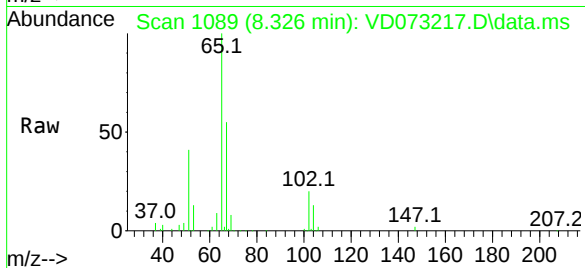
P008-SS002-1824-01

Tgt Ion: 65 Resp: 172536

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073217.D

Acq: 21 May 2022 08:44

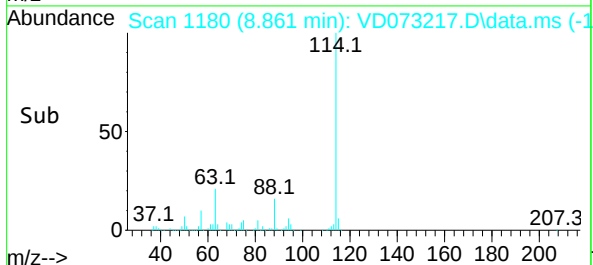
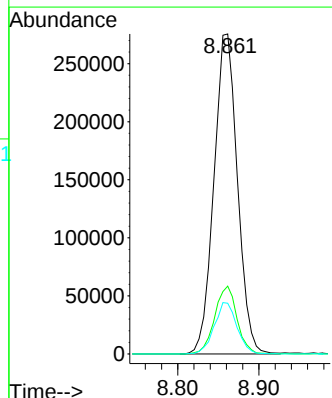
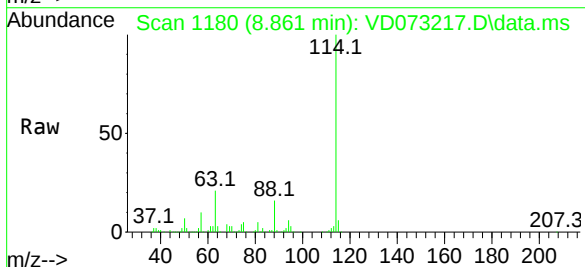
Tgt Ion: 114 Resp: 555314

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.287 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073217.D

Acq: 21 May 2022 08:44

Instrument :

MSVOA_D

ClientSampleId :

P008-SS002-1824-01

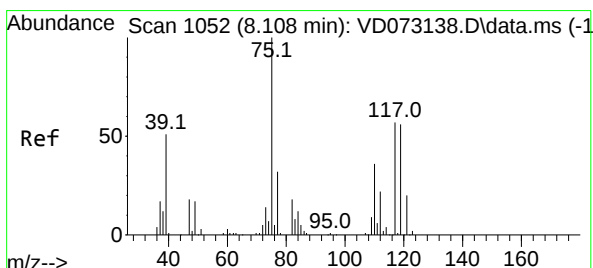
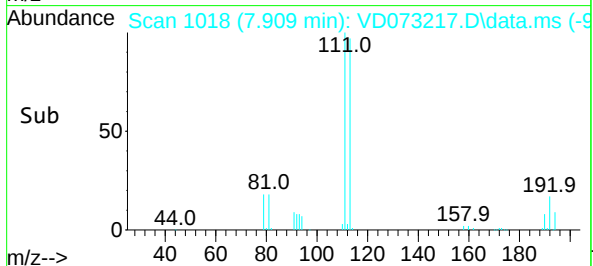
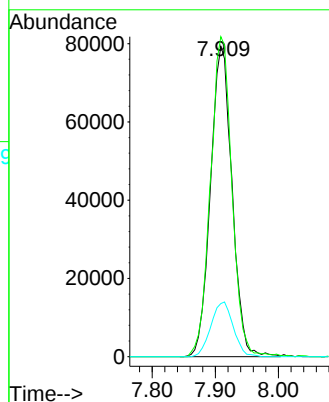
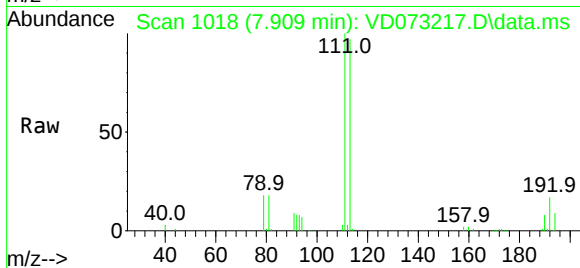
Tgt Ion:113 Resp: 187932

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.895 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073217.D

Acq: 21 May 2022 08:44

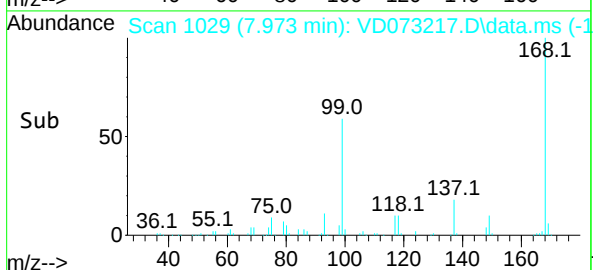
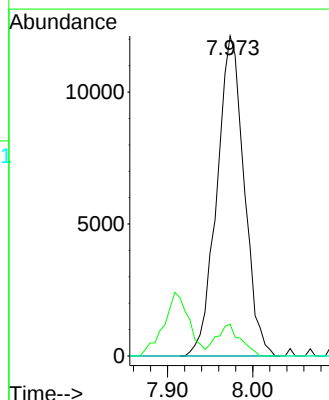
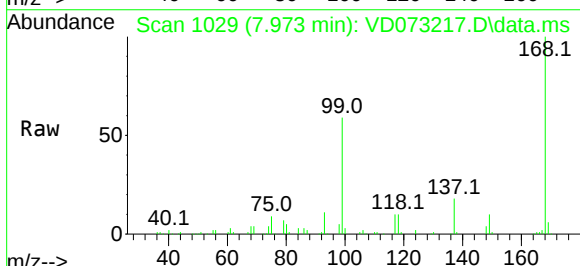
Tgt Ion: 75 Resp: 26976

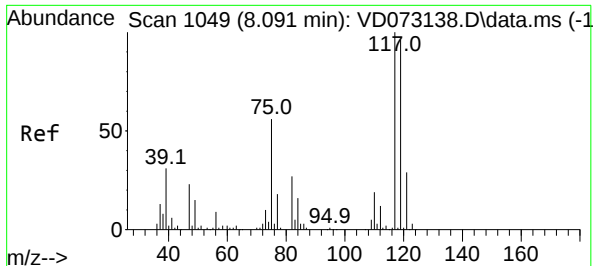
Ion Ratio Lower Upper

75 100

110 8.6 16.4 49.1#

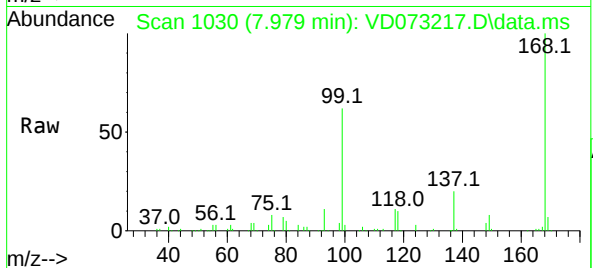
77 0.0 24.2 36.2#



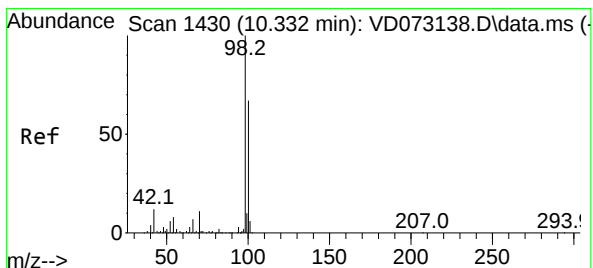
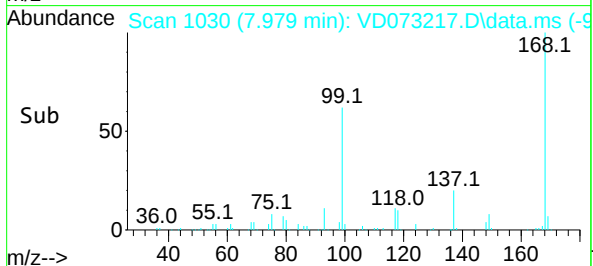
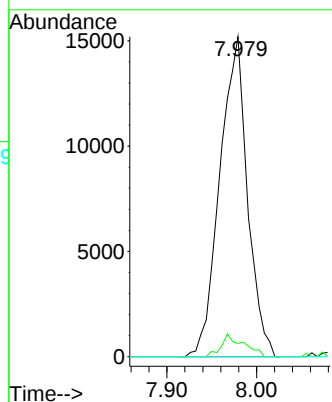


#38
Carbon Tetrachloride
Concen: 5.819 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-1824-01

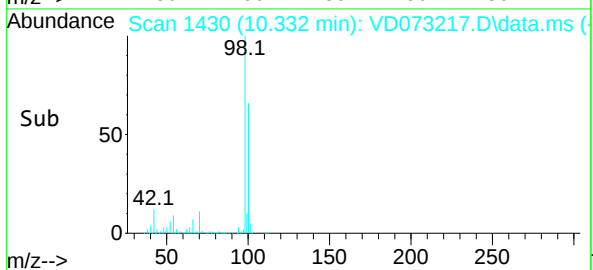
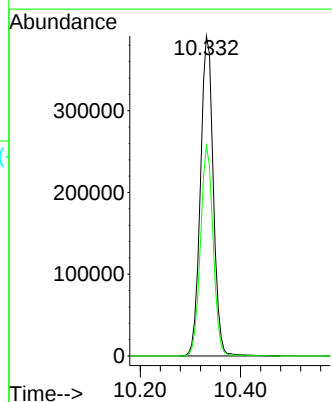
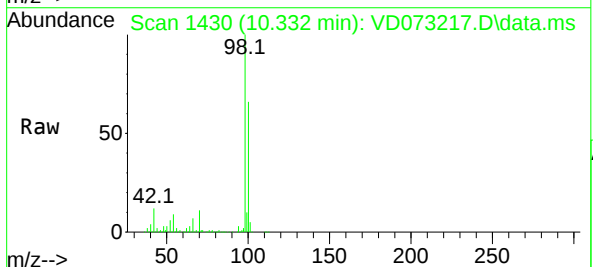


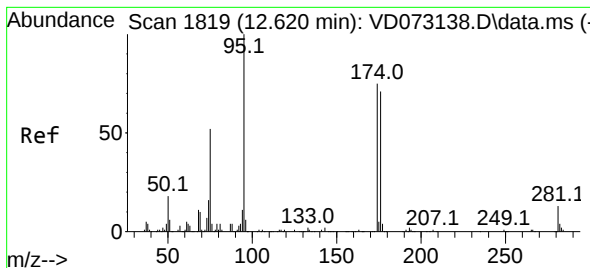
Tgt Ion:117 Resp: 32510
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.442 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

Tgt Ion: 98 Resp: 694860
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

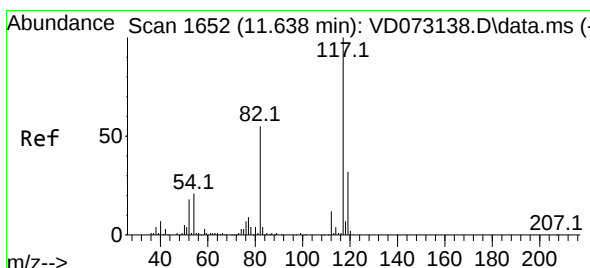
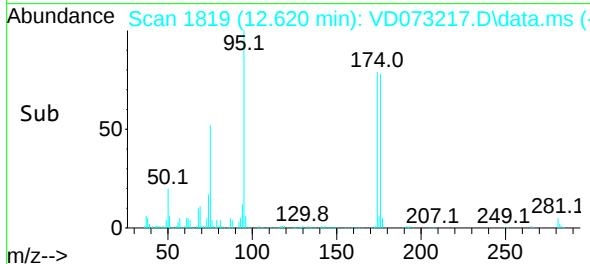
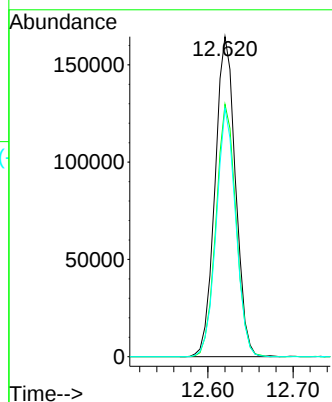
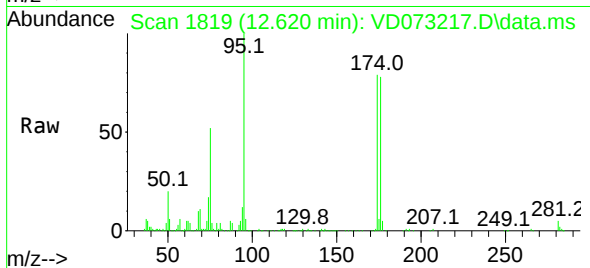




#62
4-Bromofluorobenzene
Concen: 57.940 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

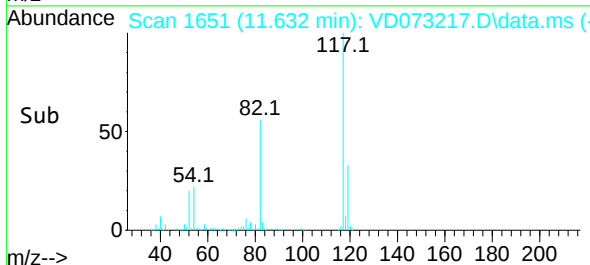
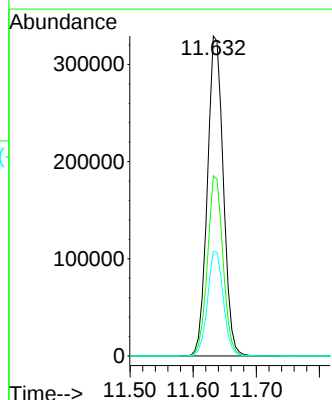
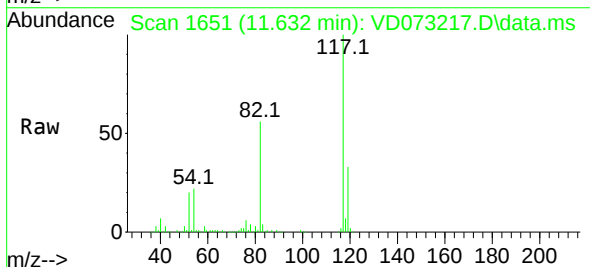
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-1824-01

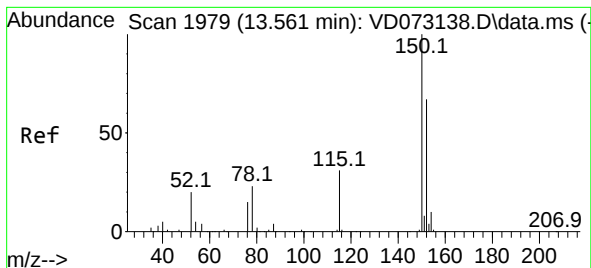
Tgt Ion: 95 Resp: 274658
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 73.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

Tgt Ion: 117 Resp: 577074
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.7 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073217.D

Acq: 21 May 2022 08:44

Instrument :

MSVOA_D

ClientSampleId :

P008-SS002-1824-01

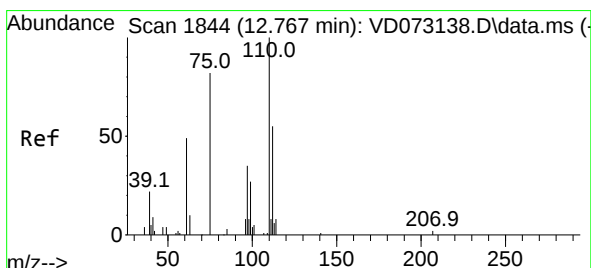
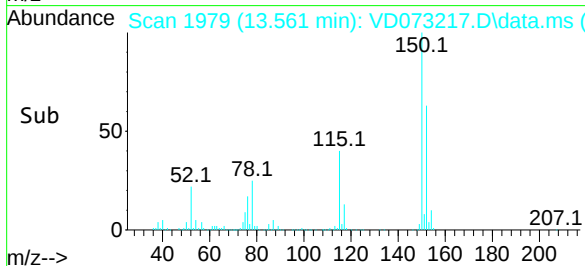
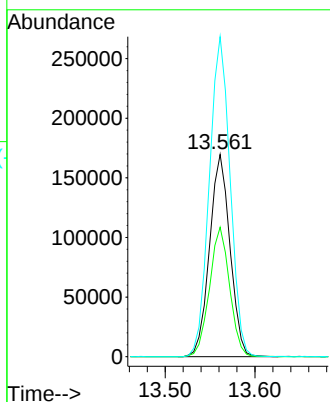
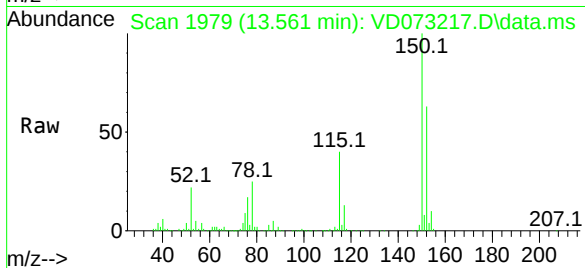
Tgt Ion:152 Resp: 268440

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

150 160.6 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 53.313 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073217.D

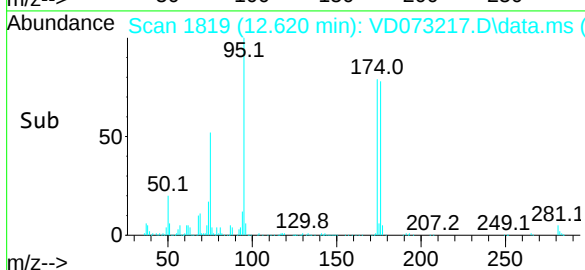
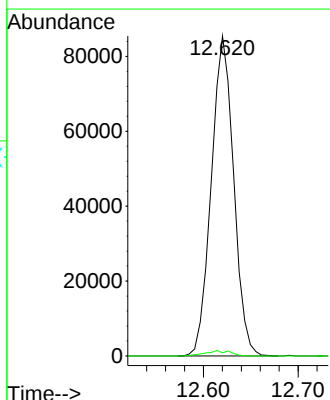
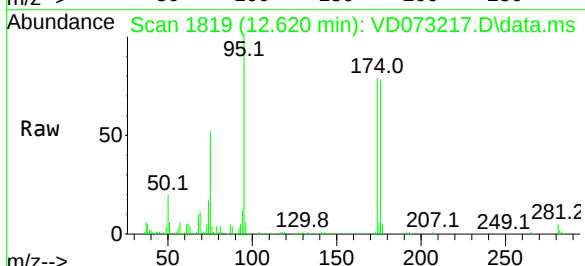
Acq: 21 May 2022 08:44

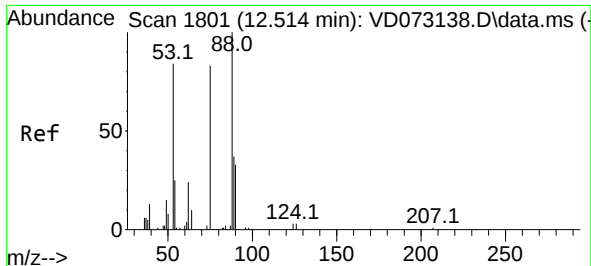
Tgt Ion: 75 Resp: 140418

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#

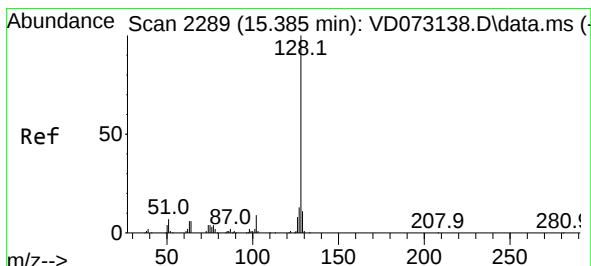
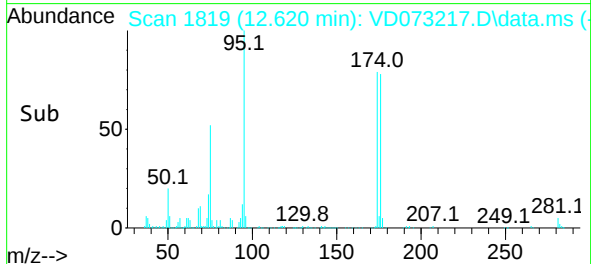
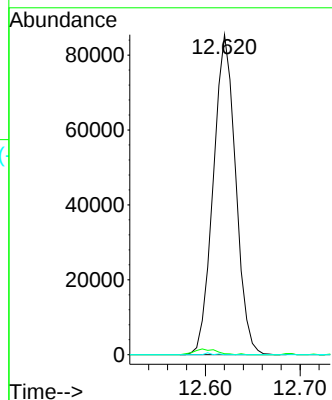
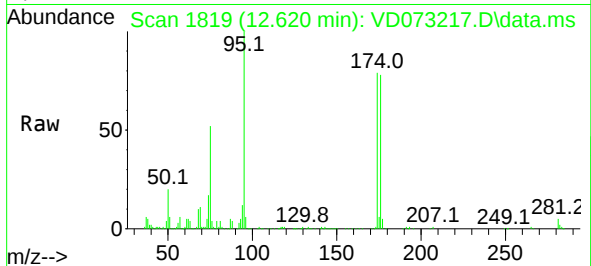




#81
trans-1,4-Dichloro-2-butene
Concen: 127.987 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-1824-01

Tgt Ion: 75 Resp: 140418
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.556 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073217.D
Acq: 21 May 2022 08:44

Tgt Ion: 128 Resp: 137
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

