

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073270.D
 Acq On : 22 May 2022 12:22
 Operator : VA/SY
 Sample : N2920-25
 Misc : 4.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P028-SS002-0006-01

Quant Time: May 23 01:16:08 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)

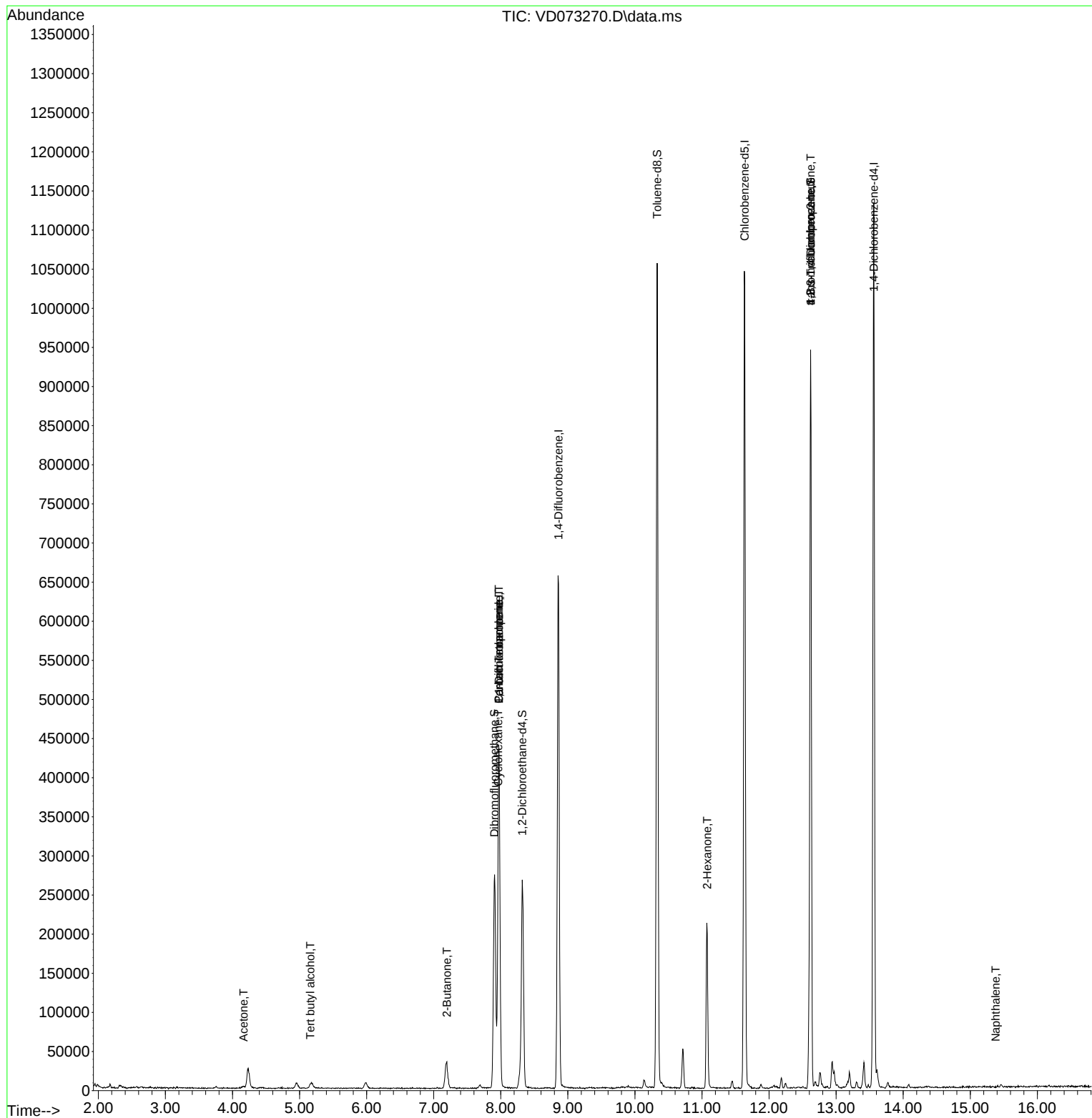
Internal Standards						
1) Pentafluorobenzene	7.973	168	313681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	557487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	614610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	293936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	212056	61.171	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.340%			
35) Dibromofluoromethane	7.902	113	201370	54.740	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.480%			
50) Toluene-d8	10.332	98	700463	51.655	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.620	95	292220	61.405	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.800%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	412	Below Cal	#	21
11) Tert butyl alcohol	5.161	59	3218	5.983	ug/l #	74
16) Acetone	4.167	43	4686	7.804	ug/l	96
20) Methylene Chloride	4.950	84	2715	Below Cal	#	79
25) 2-Butanone	7.197	43	2604	2.964	ug/l #	52
31) Cyclohexane	7.961	56	6798	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24955	4.510	ug/l #	51
38) Carbon Tetrachloride	7.973	117	33228	5.925	ug/l #	16
59) 2-Hexanone	11.079	43	1819	1.315	ug/l #	49
76) 1,2,3-Trichloropropane	12.620	75	150118	52.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	150118	124.960	ug/l #	8
95) Naphthalene	15.379	128	63	3.548	ug/l #	70

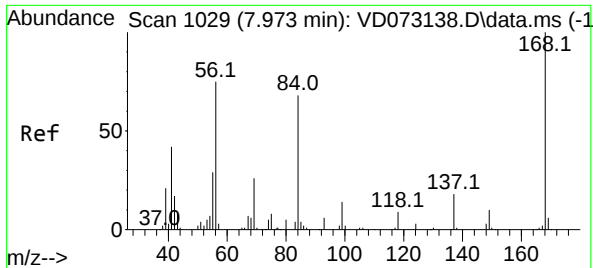
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
Data File : VD073270.D
Acq On : 22 May 2022 12:22
Operator : VA/SY
Sample : N2920-25
Misc : 4.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P028-SS002-0006-01

Quant Time: May 23 01:16:08 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

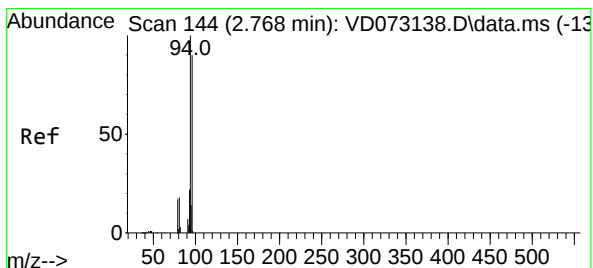
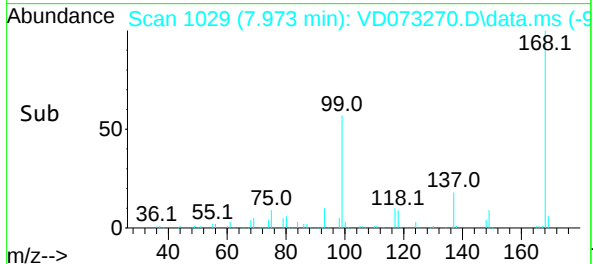
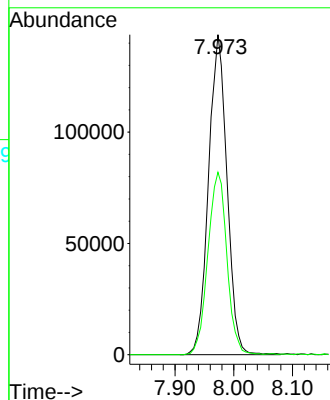
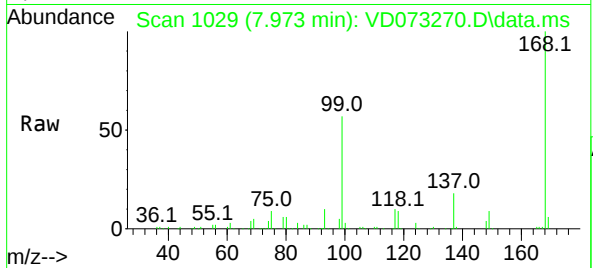




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

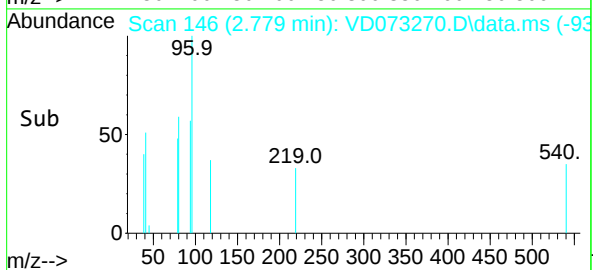
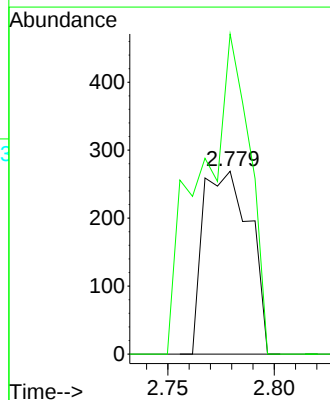
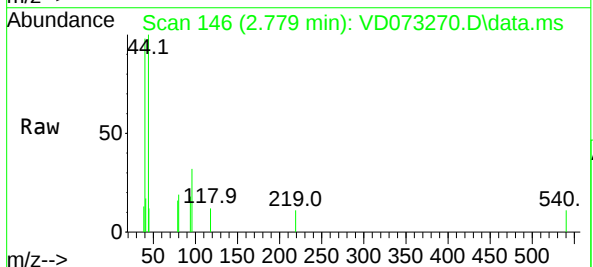
Instrument :
MSVOA_D
ClientSampleId :
P028-SS002-0006-01

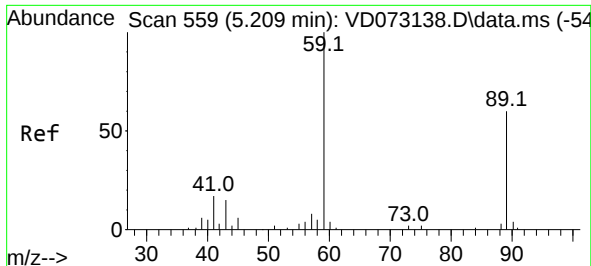
Tgt Ion:168 Resp: 313681
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 175.1 77.6 116.4#

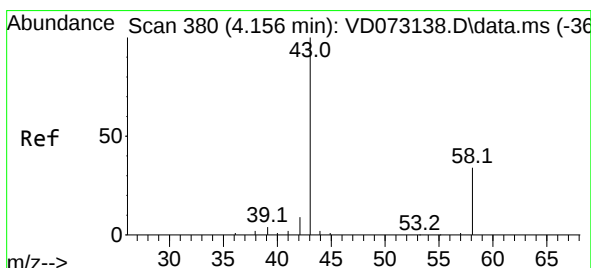
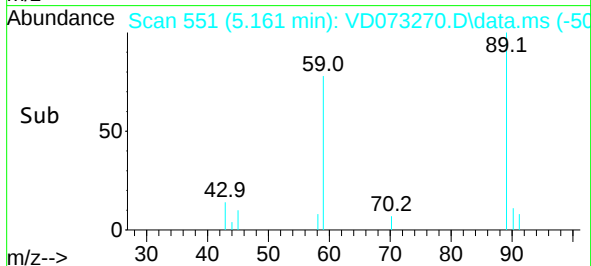
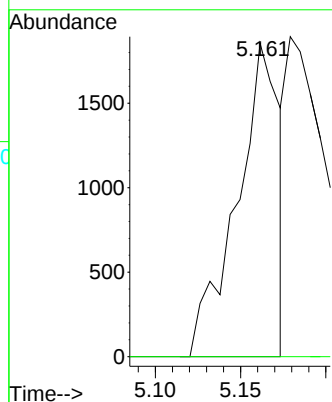
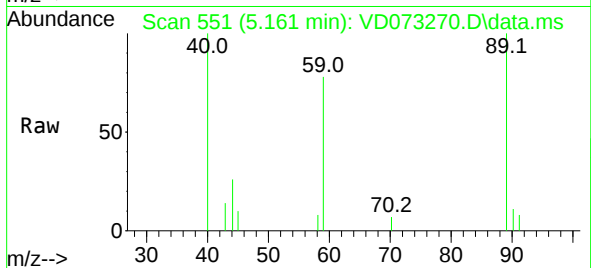




#11
Tert butyl alcohol
Concen: 5.983 ug/l
RT: 5.161 min Scan# 511
Delta R.T. -0.048 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

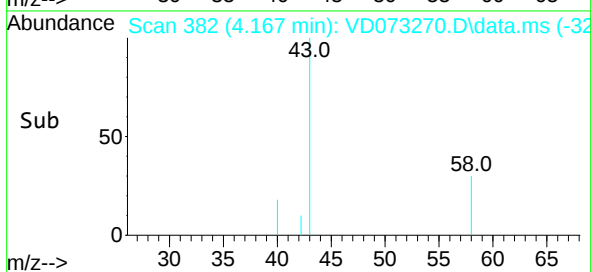
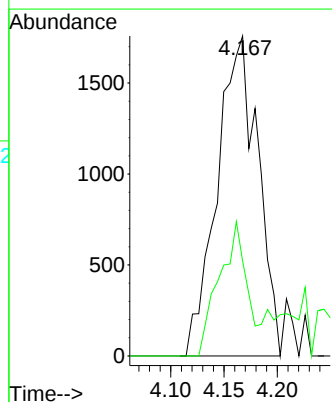
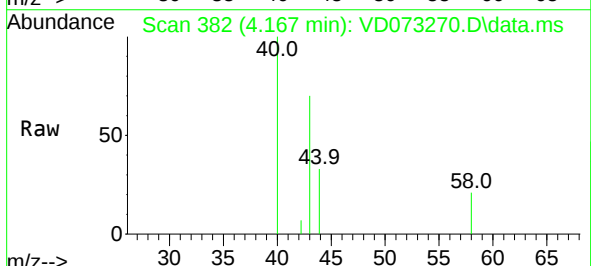
Instrument :
MSVOA_D
ClientSampleId :
P028-SS002-0006-01

Tgt Ion: 59 Resp: 3218
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 7.804 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

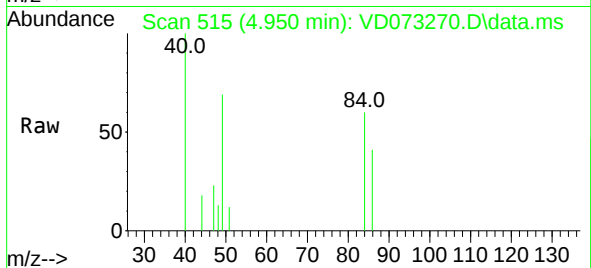
Tgt Ion: 43 Resp: 4686
Ion Ratio Lower Upper
43 100
58 29.7 22.1 33.1



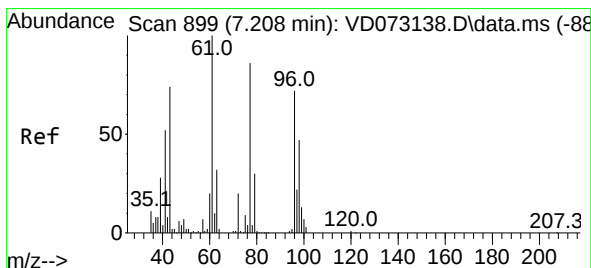
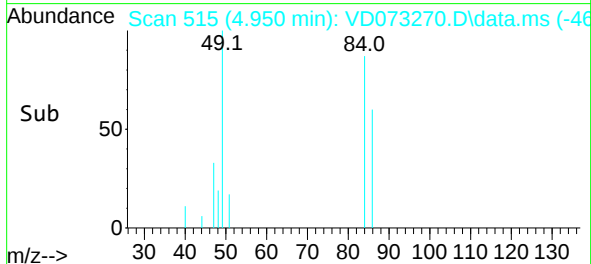
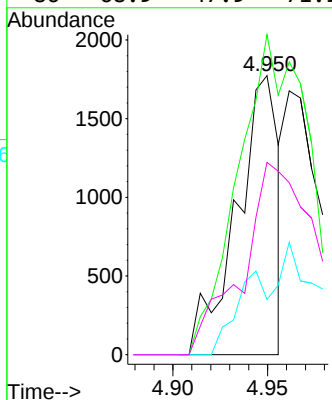


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

Instrument :
MSVOA_D
ClientSampleId :
P028-SS002-0006-01

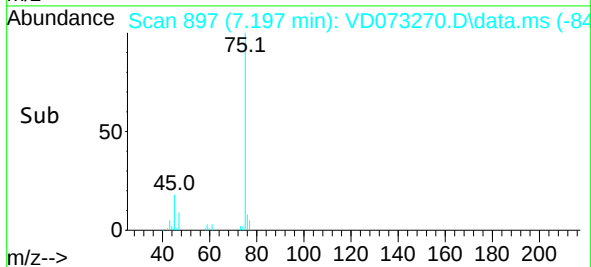
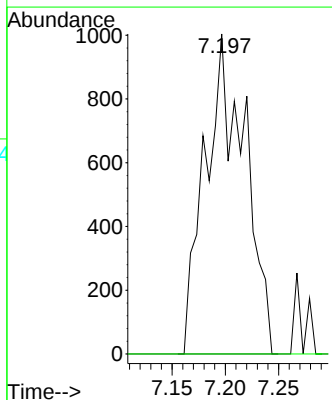
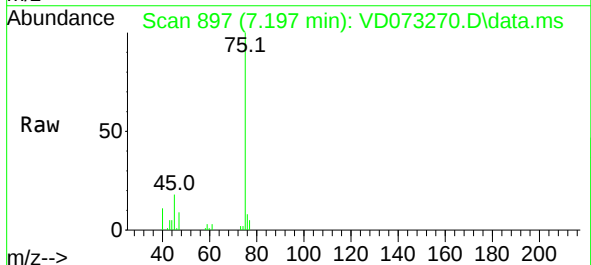


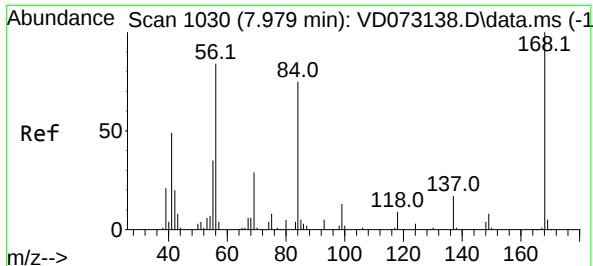
Tgt Ion: 84 Resp: 2715
Ion Ratio Lower Upper
84 100
49 114.7 112.8 169.2
51 19.8 32.6 48.8#
86 68.9 47.9 71.9



#25
2-Butanone
Concen: 2.964 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

Tgt Ion: 43 Resp: 2604
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#31

Cyclohexane

Concen: 1.122 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.018 min

Lab File: VD073270.D

Acq: 22 May 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

P028-SS002-0006-01

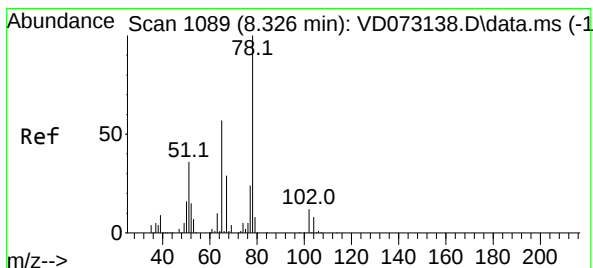
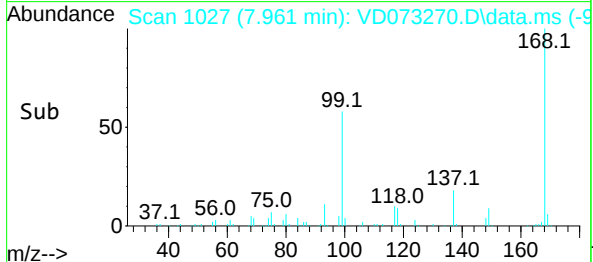
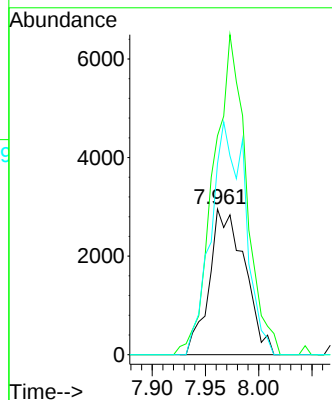
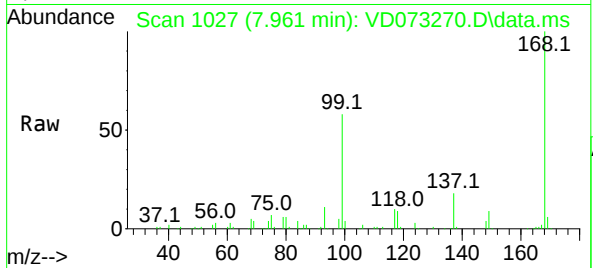
Tgt Ion: 56 Resp: 6798

Ion Ratio Lower Upper

56 100

69 150.4 25.4 38.2#

84 131.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 61.171 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073270.D

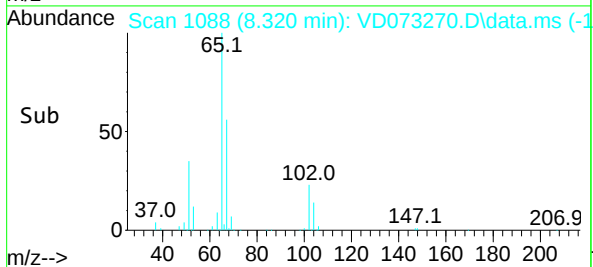
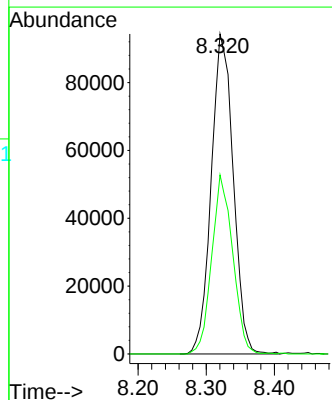
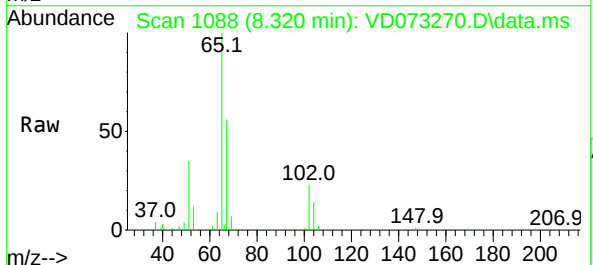
Acq: 22 May 2022 12:22

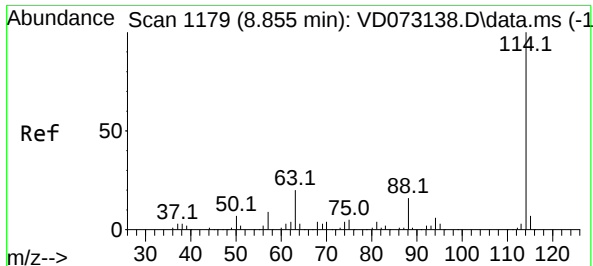
Tgt Ion: 65 Resp: 212056

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073270.D

Acq: 22 May 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

P028-SS002-0006-01

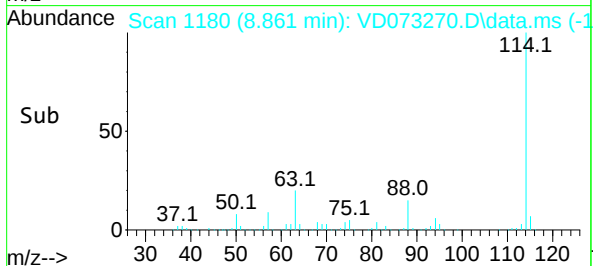
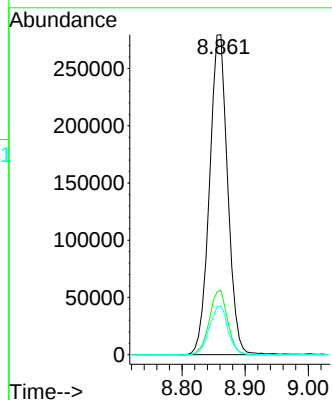
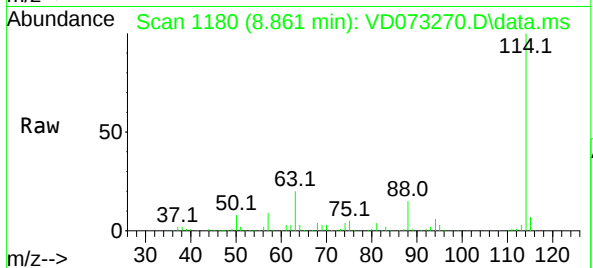
Tgt Ion:114 Resp: 557487

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.740 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.012 min

Lab File: VD073270.D

Acq: 22 May 2022 12:22

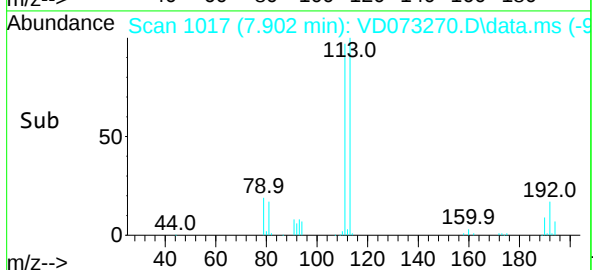
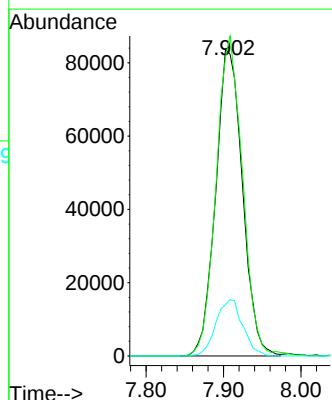
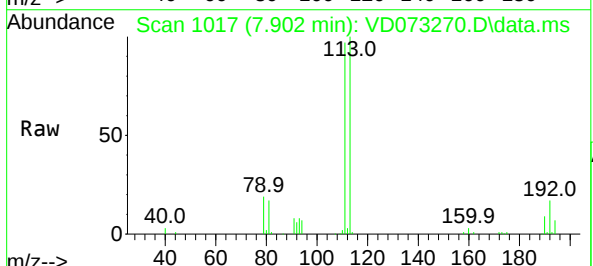
Tgt Ion:113 Resp: 201370

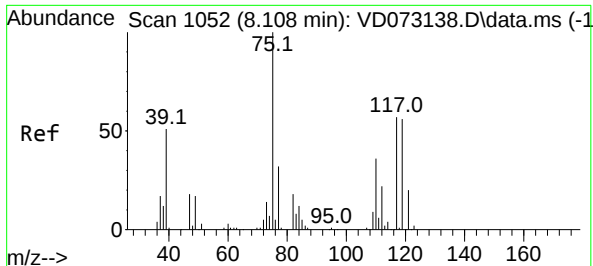
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 18.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.510 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073270.D

Acq: 22 May 2022 12:22

Instrument :

MSVOA_D

ClientSampleId :

P028-SS002-0006-01

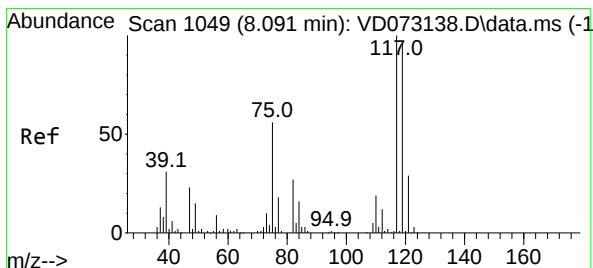
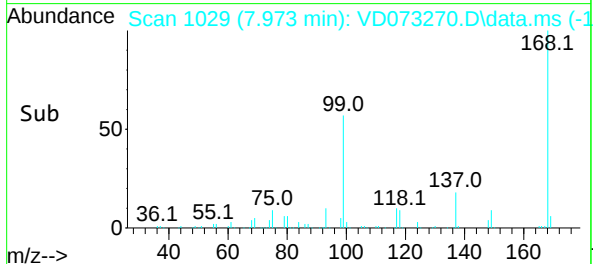
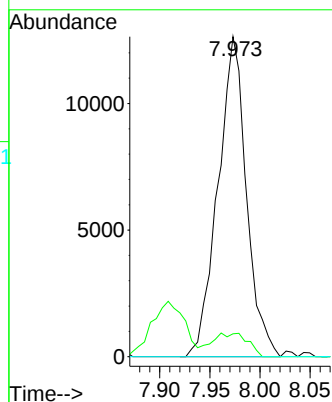
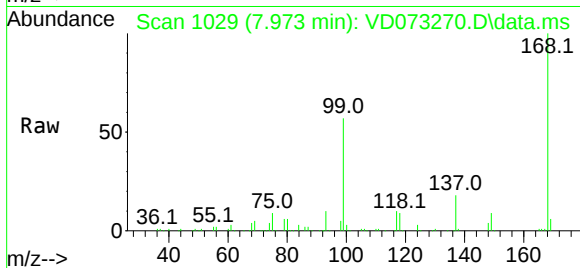
Tgt Ion: 75 Resp: 24955

Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.925 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073270.D

Acq: 22 May 2022 12:22

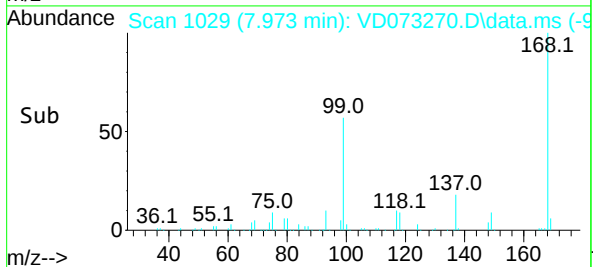
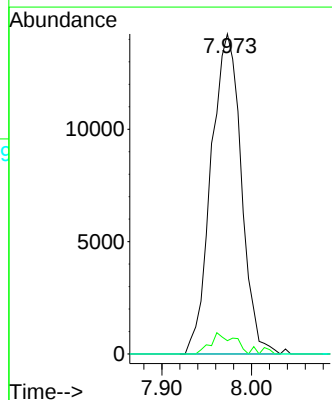
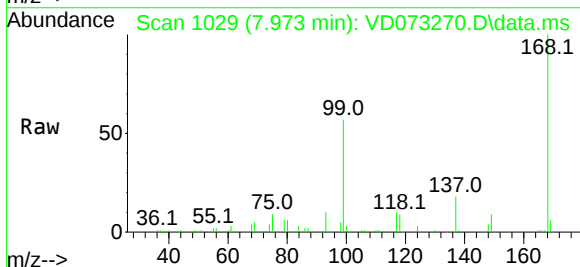
Tgt Ion: 117 Resp: 33228

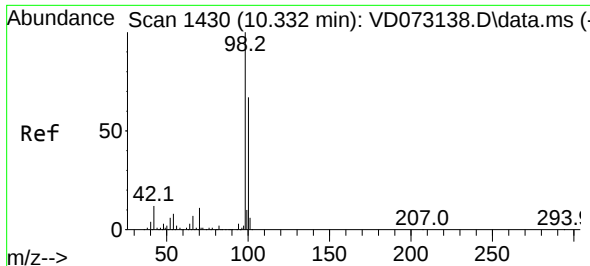
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.6#

121 0.0 24.5 36.7#

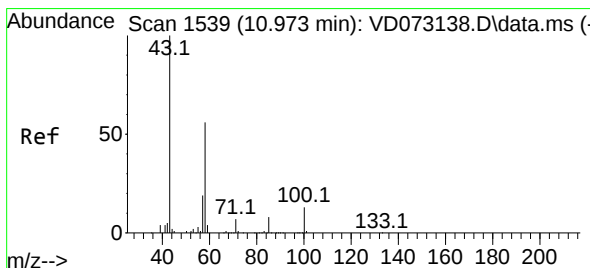
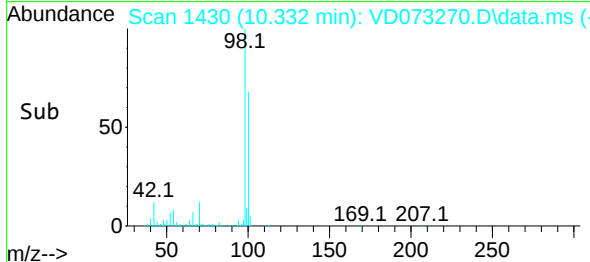
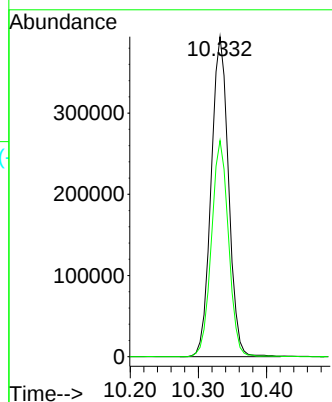
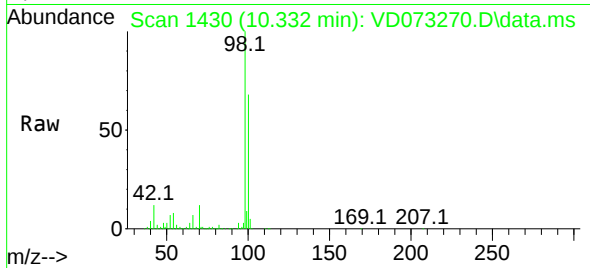




#50
Toluene-d8
Concen: 51.655 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

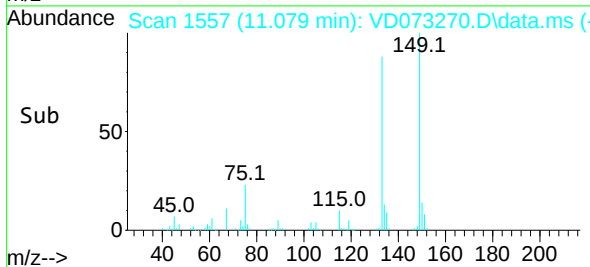
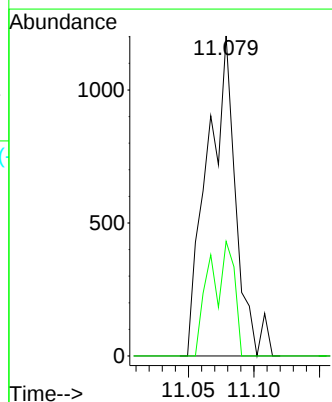
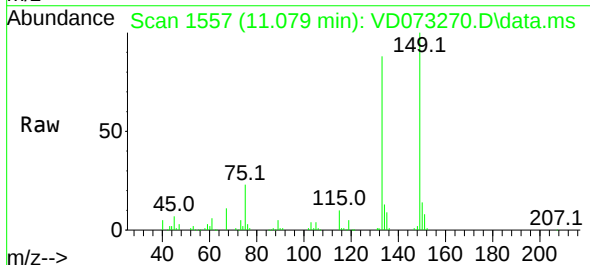
Instrument :
MSVOA_D
ClientSampleId :
P028-SS002-0006-01

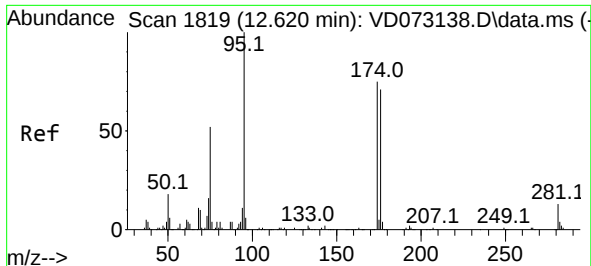
Tgt Ion: 98 Resp: 700463
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#59
2-Hexanone
Concen: 1.315 ug/l
RT: 11.079 min Scan# 1557
Delta R.T. 0.106 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
58 15.5 25.3 75.9#

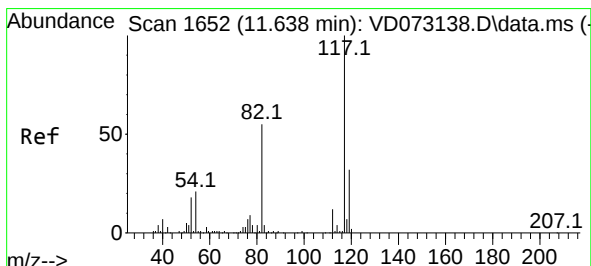
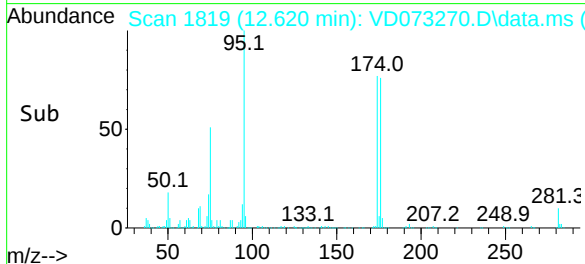
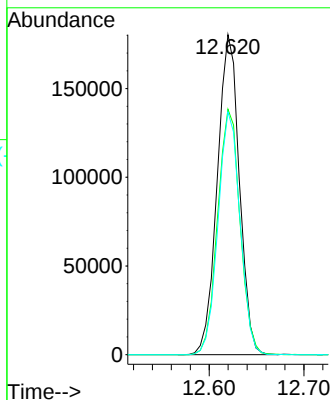
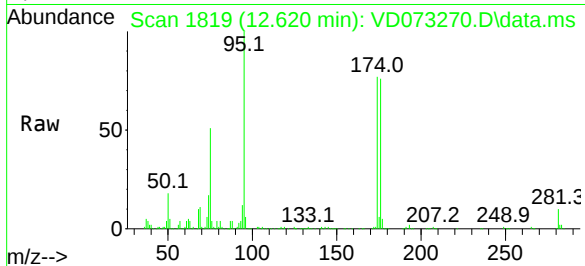




#62
4-Bromofluorobenzene
Concen: 61.405 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

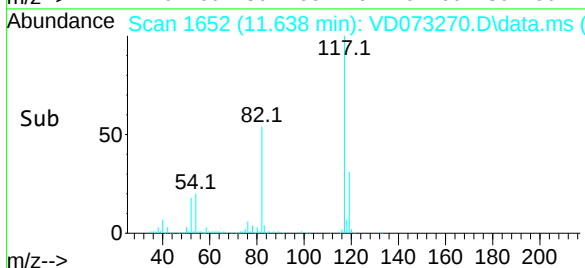
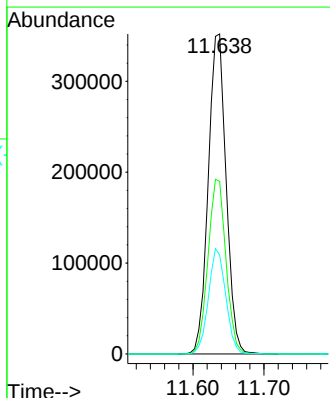
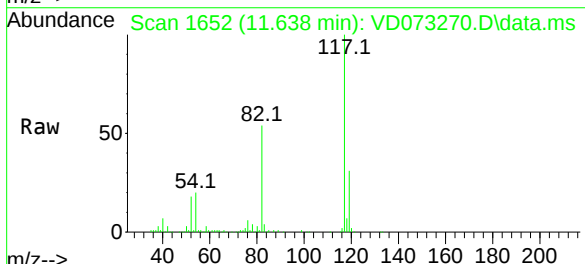
Instrument :
MSVOA_D
ClientSampleId :
P028-SS002-0006-01

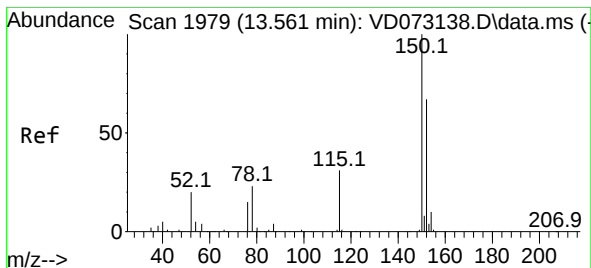
Tgt Ion: 95 Resp: 292220
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 75.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

Tgt Ion: 117 Resp: 614610
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.0 26.6 40.0

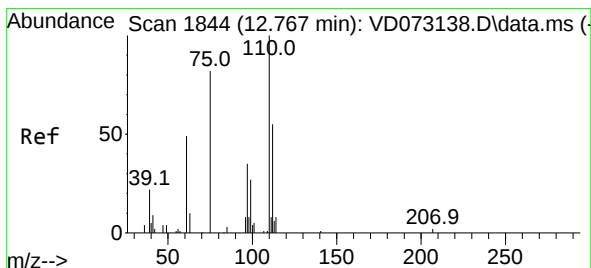
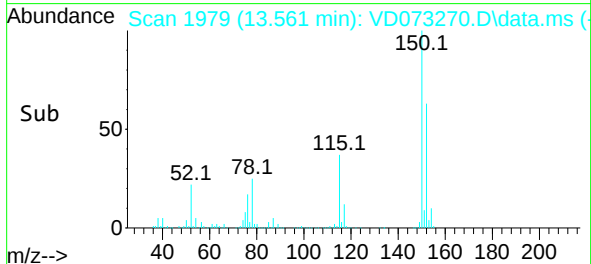
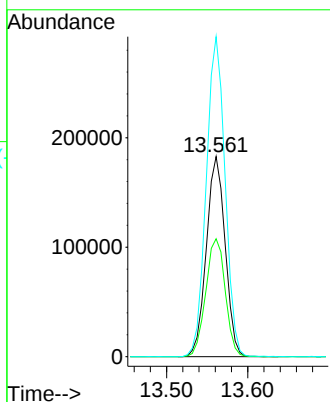
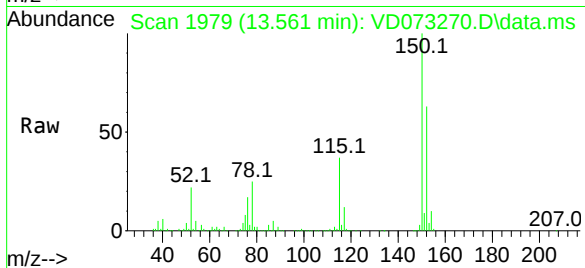




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073270.D
 Acq: 22 May 2022 12:22

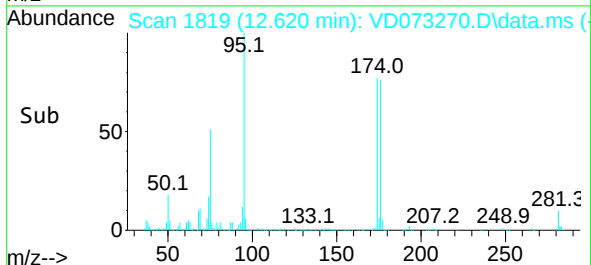
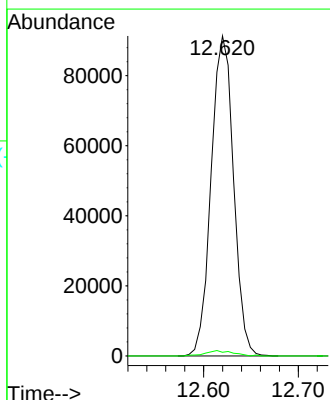
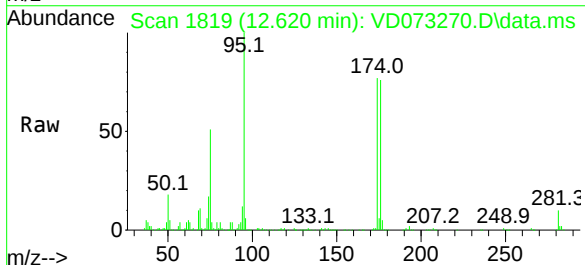
Instrument :
 MSVOA_D
 ClientSampleId :
 P028-SS002-0006-01

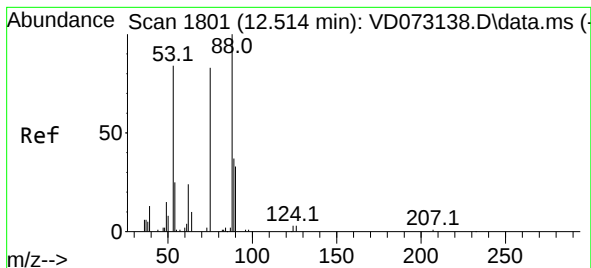
Tgt Ion:152 Resp: 293936
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.3 93.8
 150 160.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 52.052 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073270.D
 Acq: 22 May 2022 12:22

Tgt Ion: 75 Resp: 150118
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#

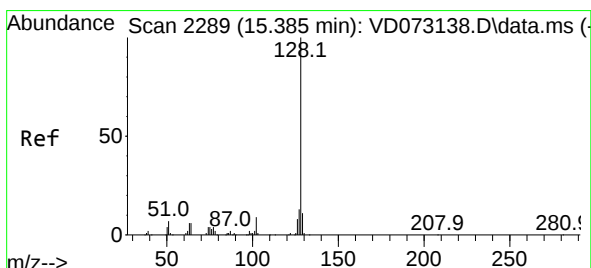
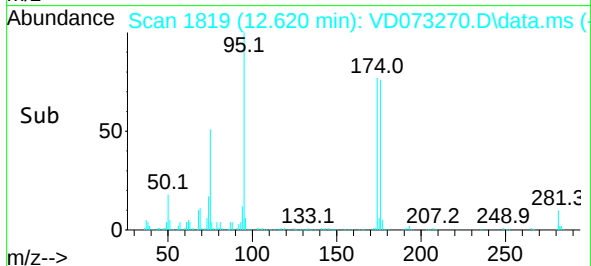
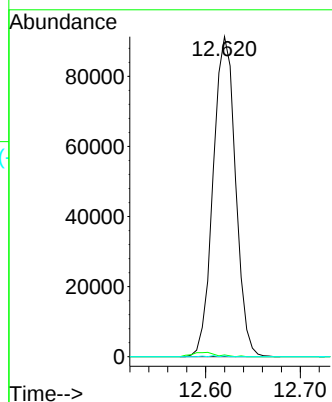
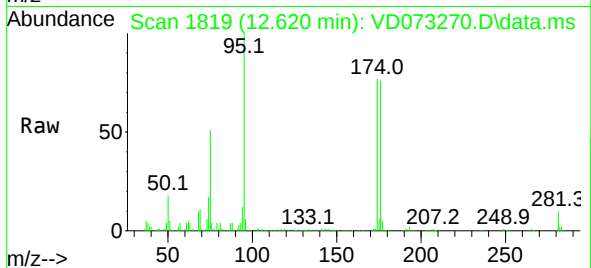




#81
trans-1,4-Dichloro-2-butene
Concen: 124.960 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

Instrument :
MSVOA_D
ClientSampleId :
P028-SS002-0006-01

Tgt Ion: 75 Resp: 150118
Ion Ratio Lower Upper
75 100
53 1.5 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 3.548 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073270.D
Acq: 22 May 2022 12:22

Tgt Ion: 128 Resp: 63
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

