

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073386.D
 Acq On : 26 May 2022 14:12
 Operator : VA/SY
 Sample : N2886-13RE
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS004-0006-01

Quant Time: May 27 01:31:20 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)

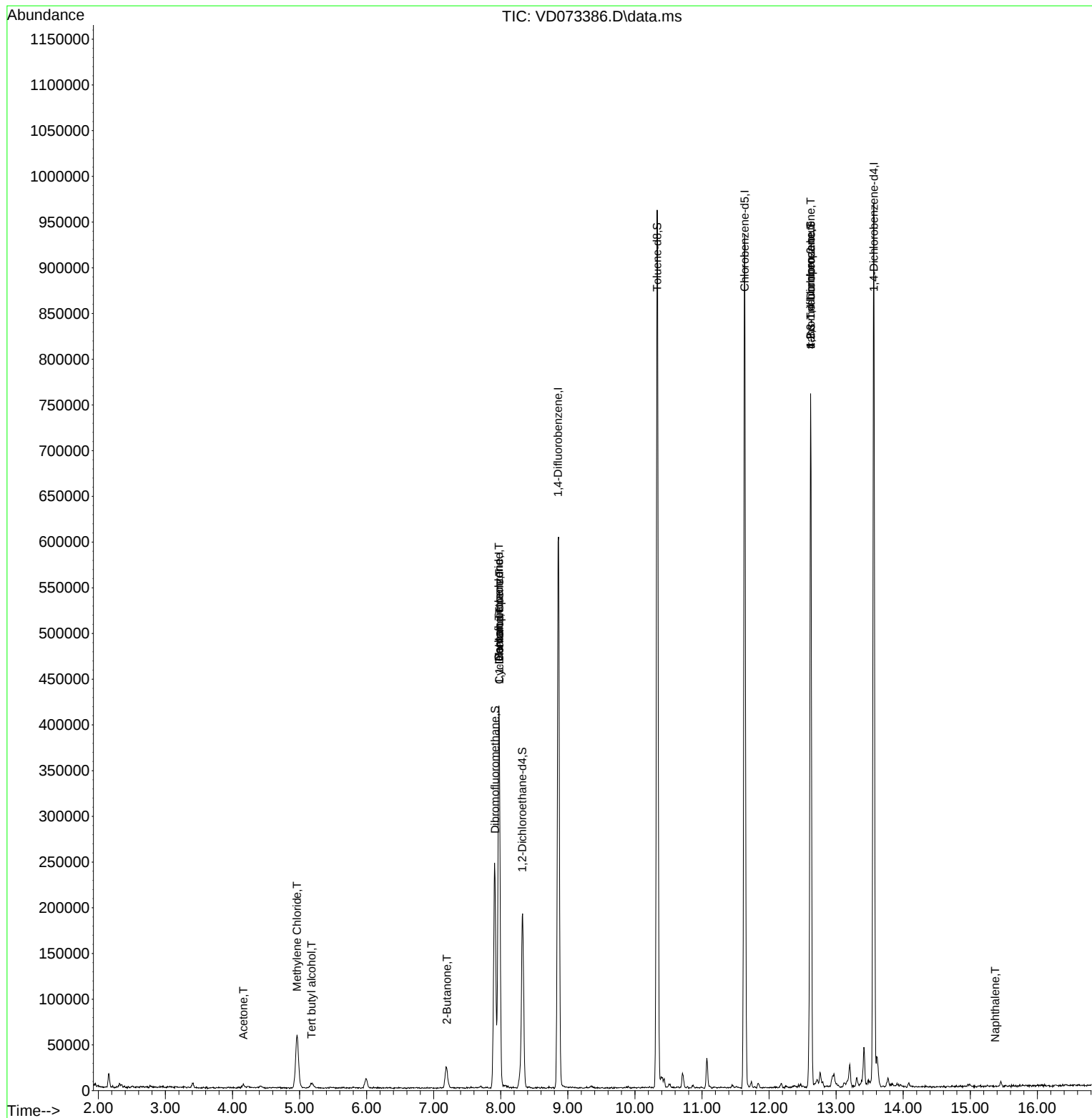
Internal Standards						
1) Pentafluorobenzene	7.973	168	301498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	527969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	544956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	149468	44.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.720%			
35) Dibromofluoromethane	7.914	113	176749	50.733	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.460%			
50) Toluene-d8	10.332	98	660321	51.417	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.620	95	243864	54.108	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.220%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	955	Below Cal	#	39
11) Tert butyl alcohol	5.179	59	4321	8.359	ug/l #	74
16) Acetone	4.162	43	5614	9.727	ug/l #	63
20) Methylene Chloride	4.961	84	46287	9.402	ug/l #	81
25) 2-Butanone	7.197	43	1827	2.164	ug/l #	47
31) Cyclohexane	7.979	56	7666	1.317	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	24872	4.747	ug/l #	51
38) Carbon Tetrachloride	7.973	117	32207	6.064	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	122785	49.400	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	122785	118.593	ug/l #	7
95) Naphthalene	15.373	128	845	3.636	ug/l #	70

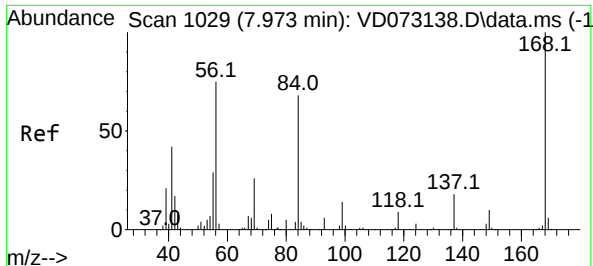
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073386.D
Acq On : 26 May 2022 14:12
Operator : VA/SY
Sample : N2886-13RE
Misc : 5.23G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

Quant Time: May 27 01:31:20 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

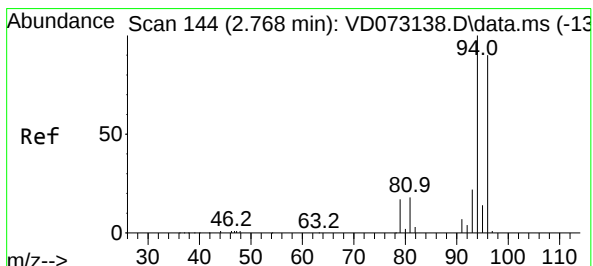
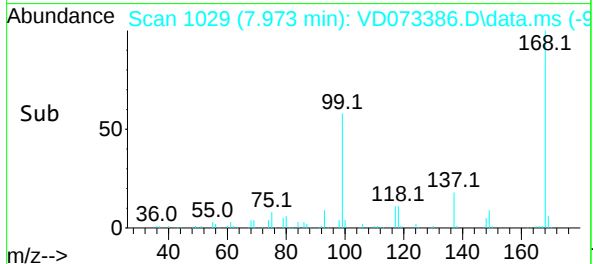
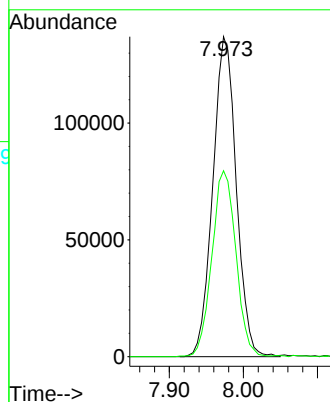
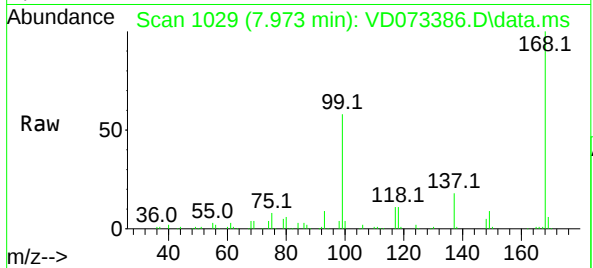




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

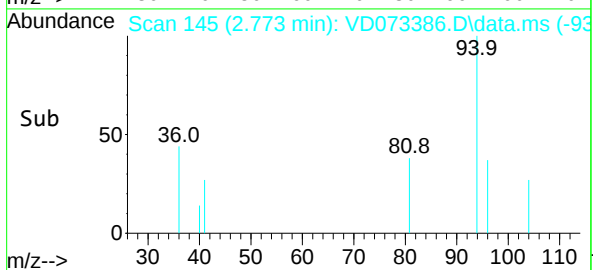
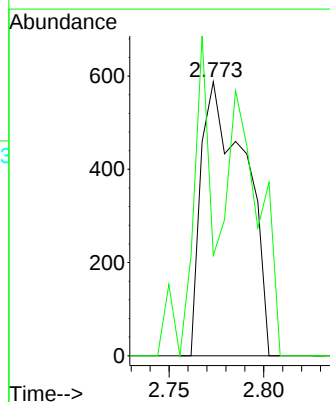
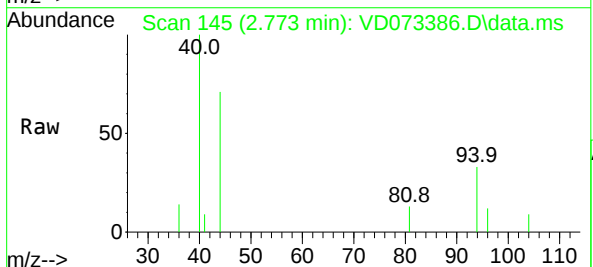
Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

Tgt Ion:168 Resp: 301498
Ion Ratio Lower Upper
168 100
99 57.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

Tgt Ion: 94 Resp: 955
Ion Ratio Lower Upper
94 100
96 36.6 77.6 116.4#

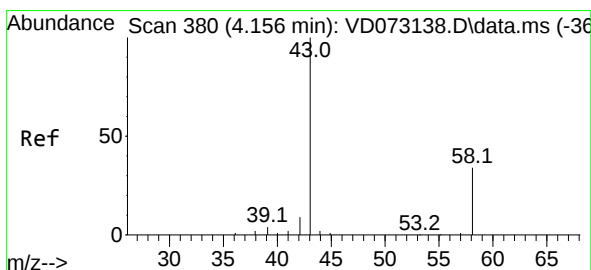
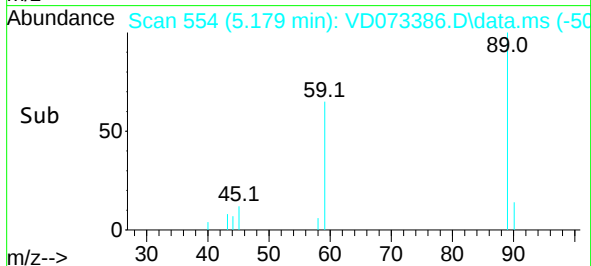
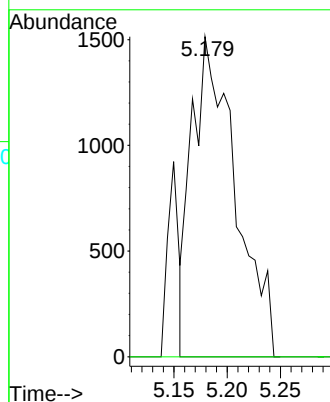
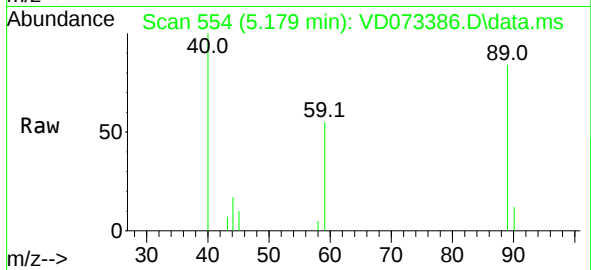




#11
Tert butyl alcohol
Concen: 8.359 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

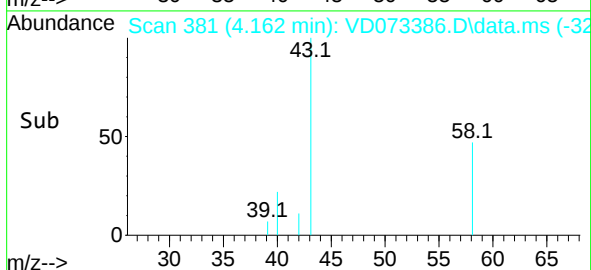
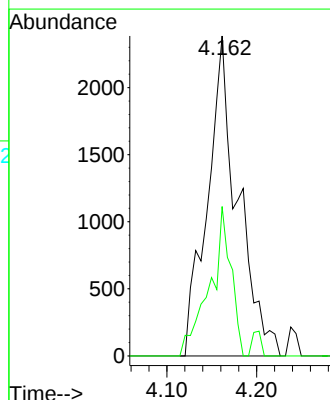
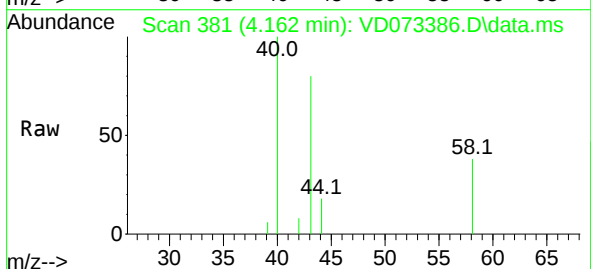
Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

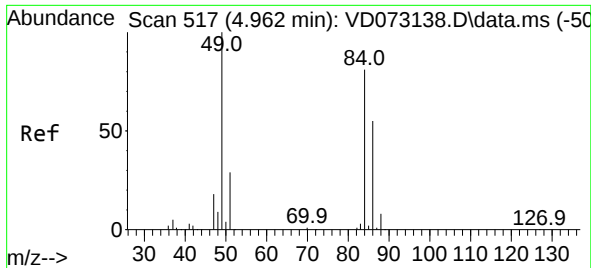
Tgt Ion: 59 Resp: 4321
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 9.727 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

Tgt Ion: 43 Resp: 5614
Ion Ratio Lower Upper
43 100
58 46.7 22.1 33.1#

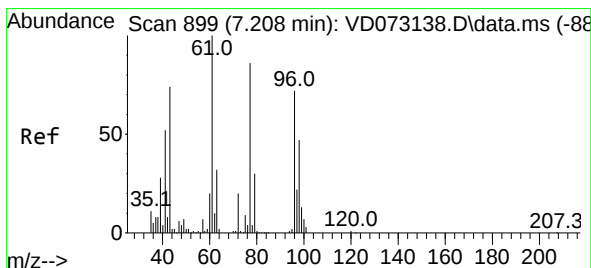
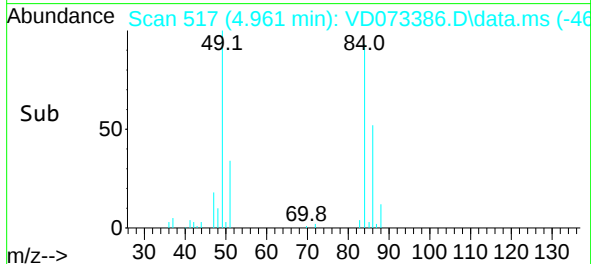
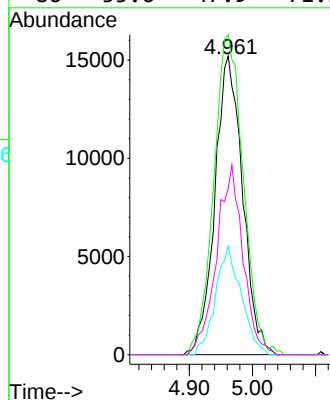
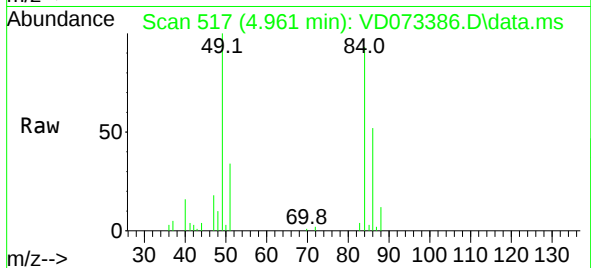




#20
Methylene Chloride
Concen: 9.402 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

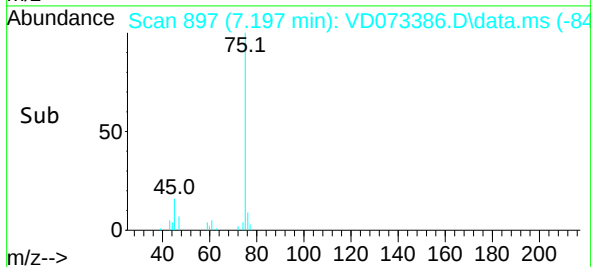
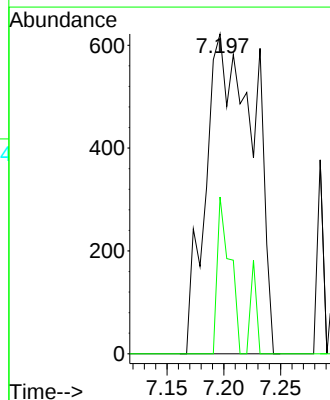
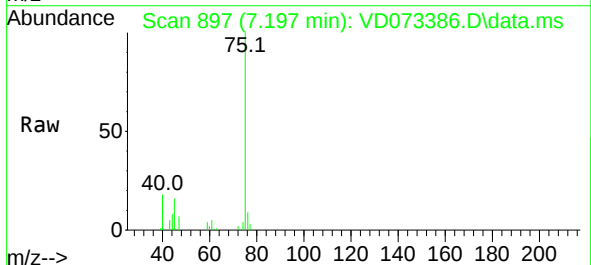
Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

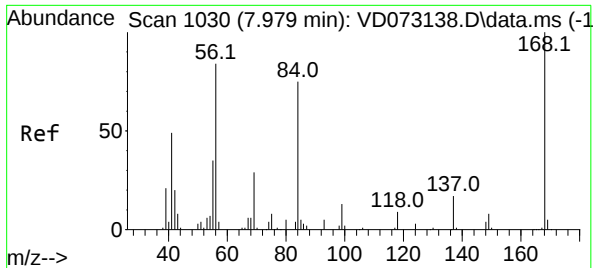
Tgt Ion:	84	Resp:	46287
Ion	Ratio	Lower	Upper
84	100		
49	107.1	112.8	169.2#
51	36.4	32.6	48.8
86	55.6	47.9	71.9



#25
2-Butanone
Concen: 2.164 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

Tgt Ion:	43	Resp:	1827
Ion	Ratio	Lower	Upper
43	100		
72	49.0	18.6	27.8#

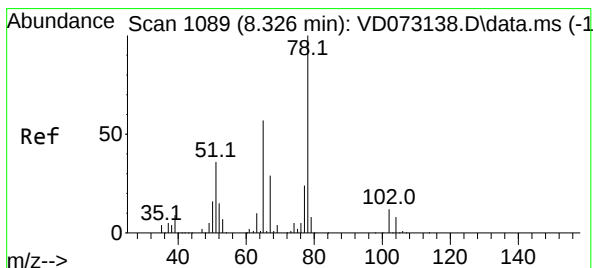
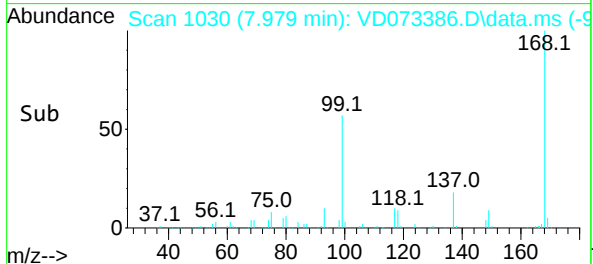
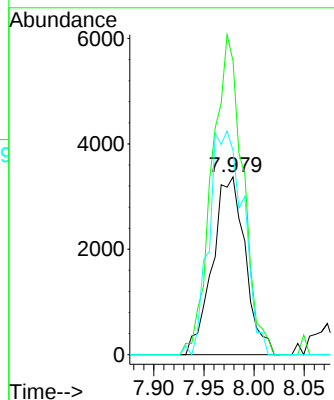
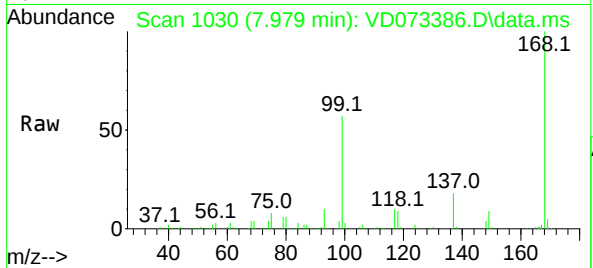




#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

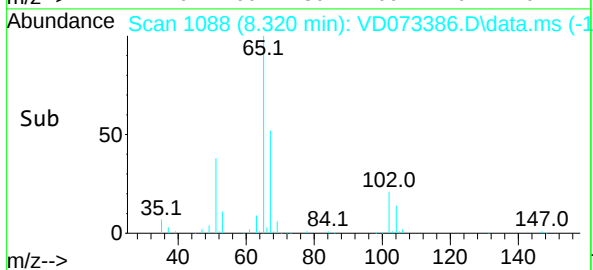
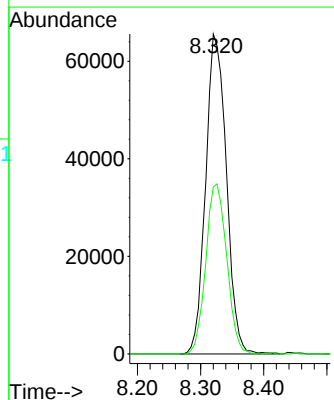
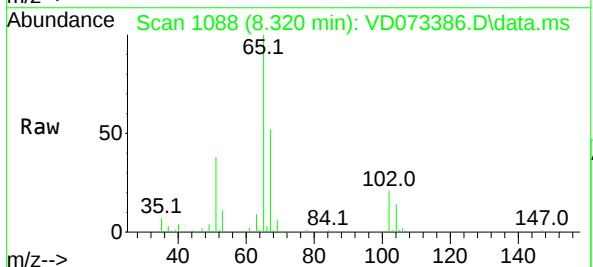
Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

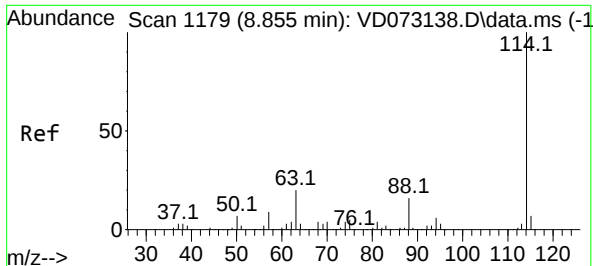
Tgt Ion: 56 Resp: 7666
Ion Ratio Lower Upper
56 100
69 165.3 25.4 38.2#
84 114.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 44.859 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

Tgt Ion: 65 Resp: 149468
Ion Ratio Lower Upper
65 100
67 53.8 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: VD073386.D

Acq: 26 May 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-0006-01

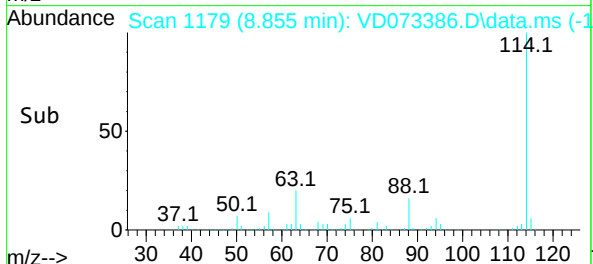
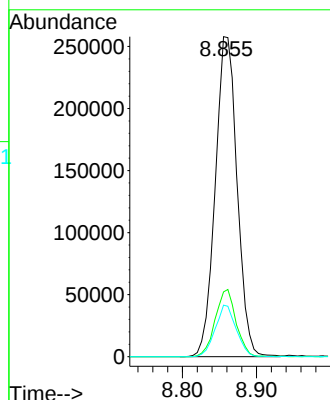
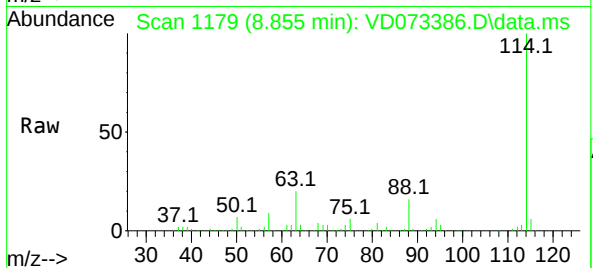
Tgt Ion:114 Resp: 527969

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.733 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073386.D

Acq: 26 May 2022 14:12

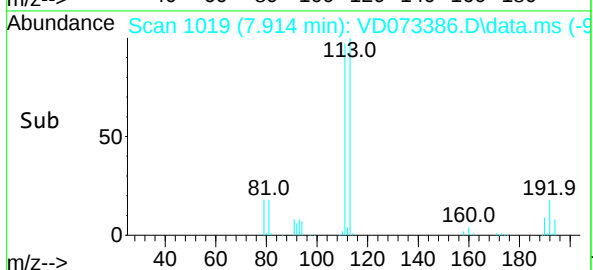
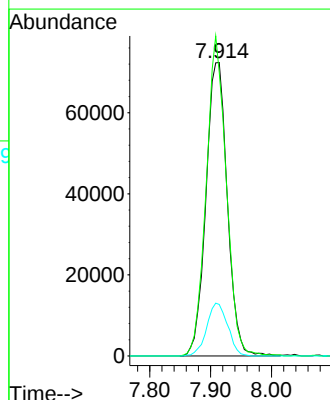
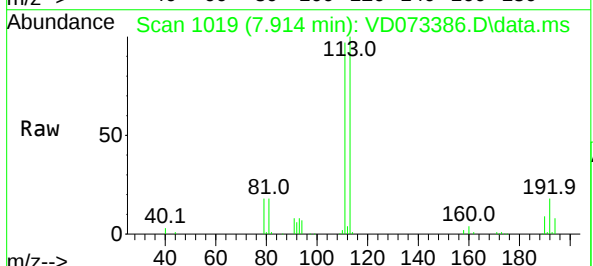
Tgt Ion:113 Resp: 176749

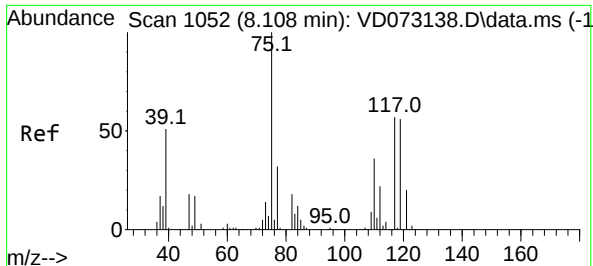
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.6 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.747 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073386.D

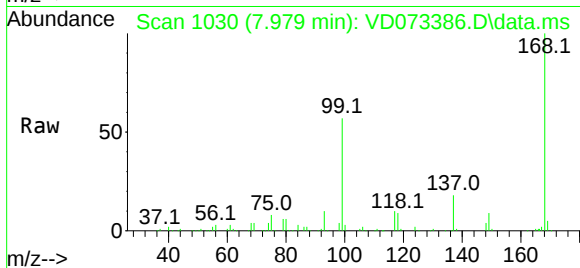
Acq: 26 May 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

P021-SS004-0006-01



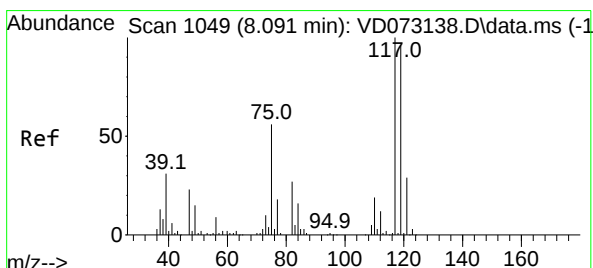
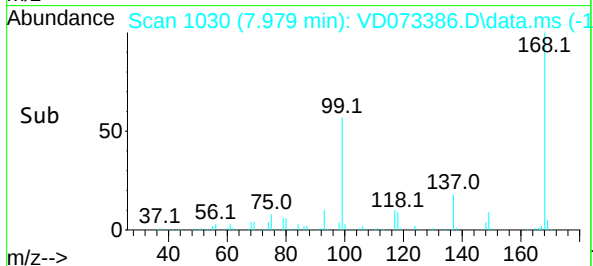
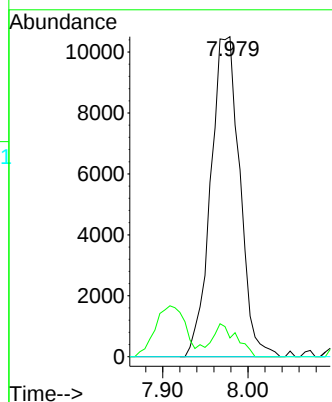
Tgt Ion: 75 Resp: 24872

Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.064 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073386.D

Acq: 26 May 2022 14:12

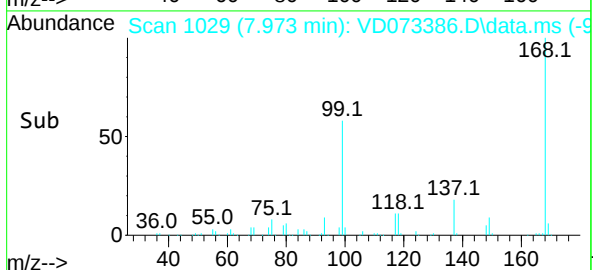
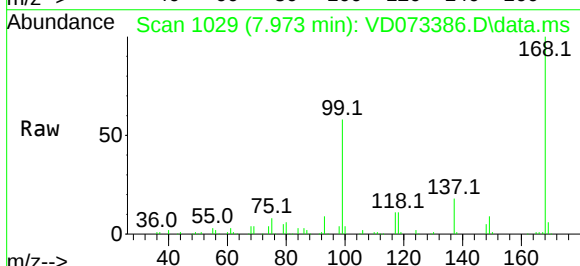
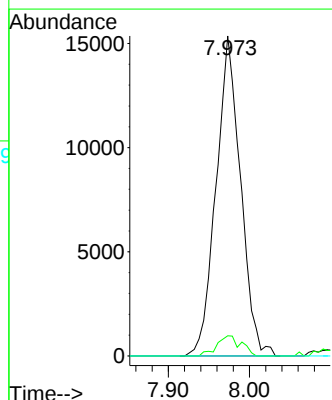
Tgt Ion: 117 Resp: 32207

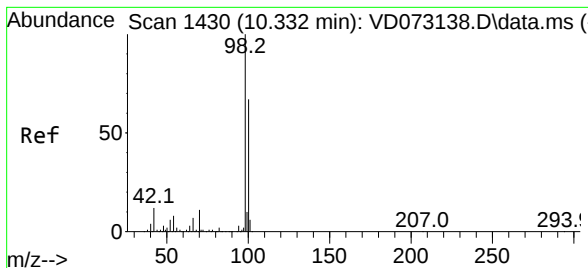
Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 51.417 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073386.D

Acq: 26 May 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

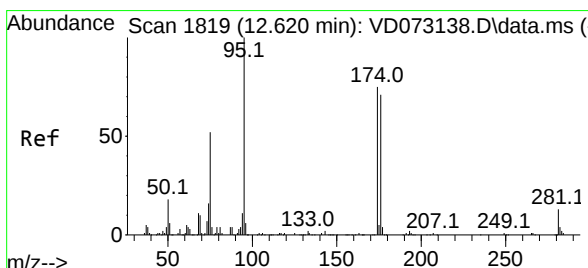
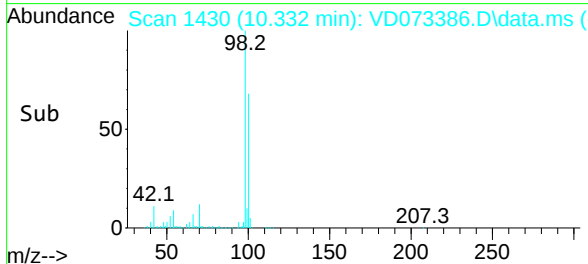
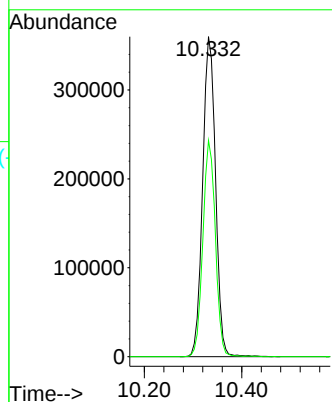
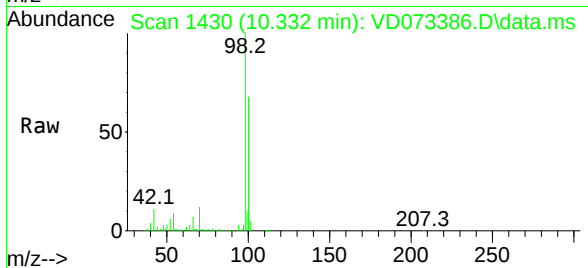
P021-SS004-0006-01

Tgt Ion: 98 Resp: 660321

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 54.108 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073386.D

Acq: 26 May 2022 14:12

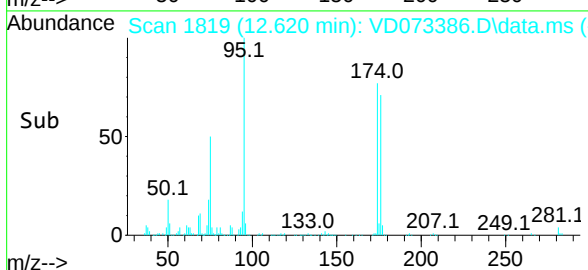
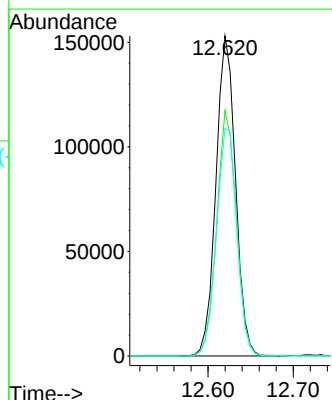
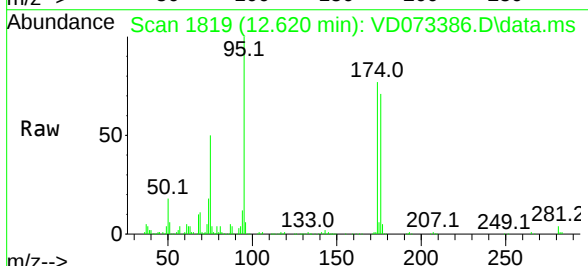
Tgt Ion: 95 Resp: 243864

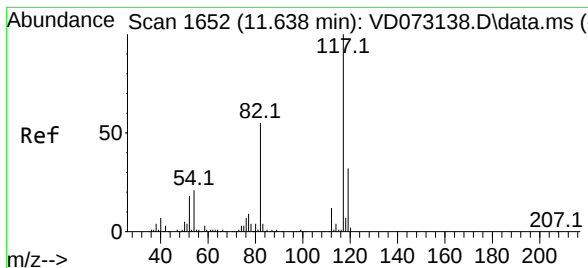
Ion Ratio Lower Upper

95 100

174 76.9 0.0 152.8

176 74.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073386.D

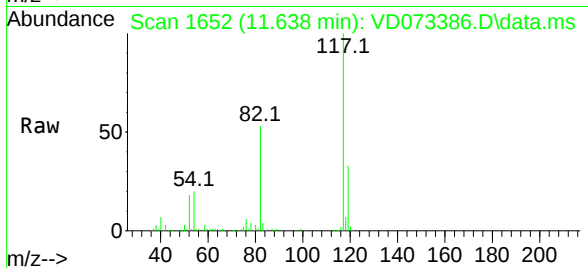
Acq: 26 May 2022 14:12

Instrument :

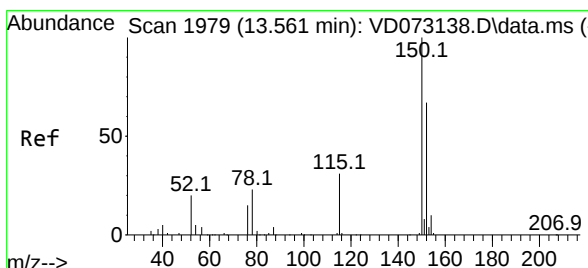
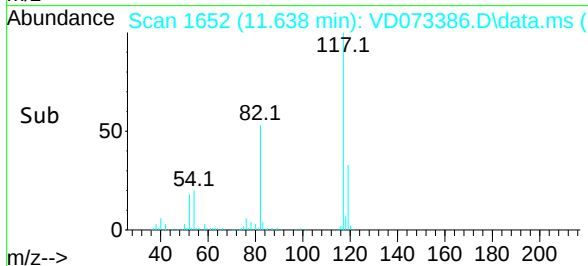
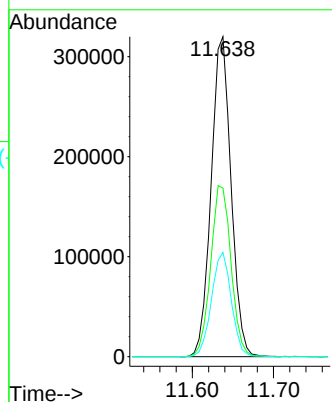
MSVOA_D

ClientSampleId :

P021-SS004-0006-01



Tgt Ion:	117	Resp:	544956
Ion Ratio	Lower	Upper	
117	100		
82	52.7	45.3	67.9
119	32.6	26.6	40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

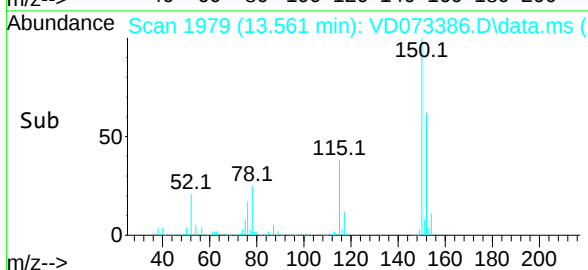
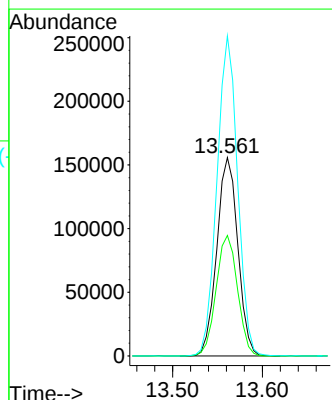
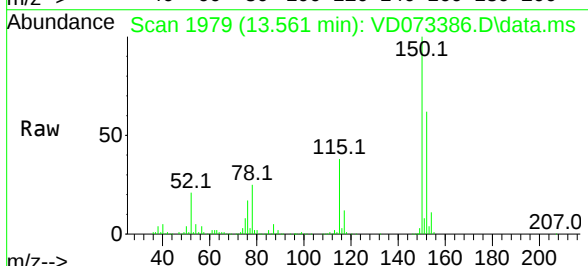
RT: 13.561 min Scan# 1979

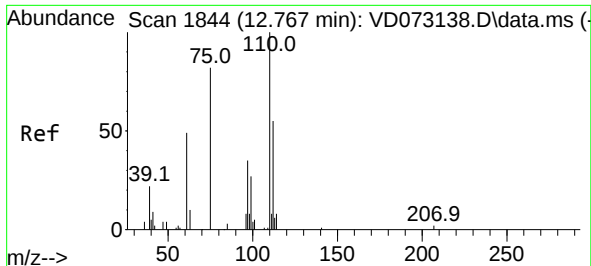
Delta R.T. 0.000 min

Lab File: VD073386.D

Acq: 26 May 2022 14:12

Tgt Ion:	152	Resp:	253324
Ion Ratio	Lower	Upper	
152	100		
115	61.9	31.3	93.8
150	158.6	0.0	348.6

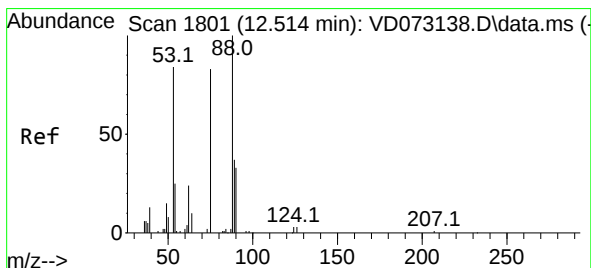
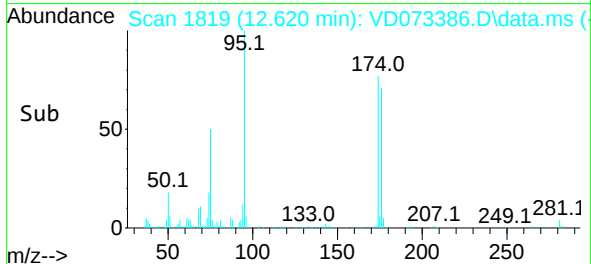
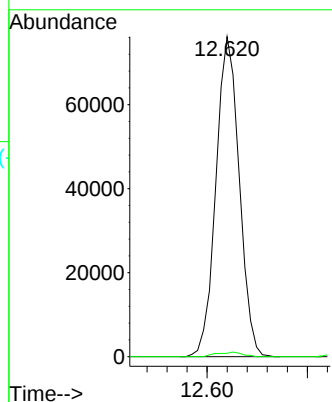
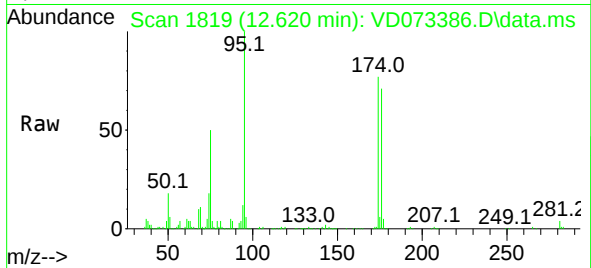




#76
1,2,3-Trichloropropane
Concen: 49.400 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

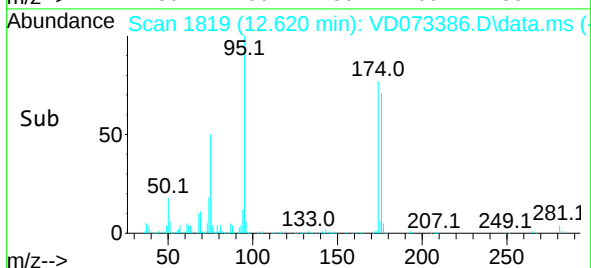
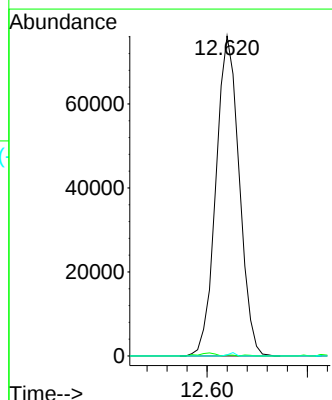
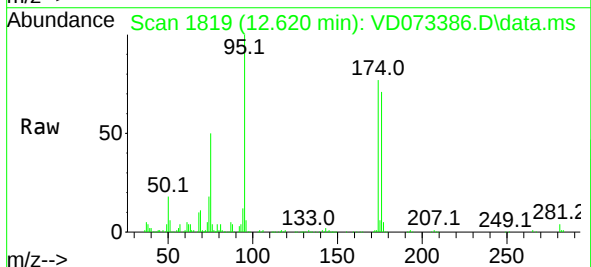
Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01

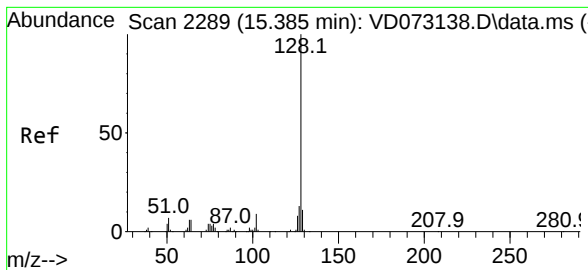
Tgt Ion: 75 Resp: 122785
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.593 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

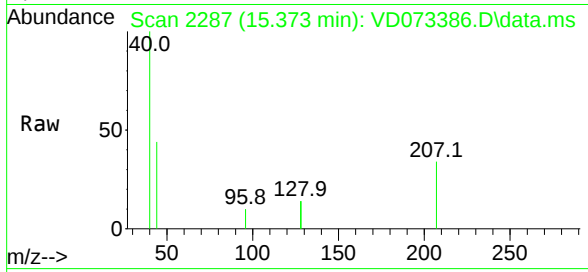
Tgt Ion: 75 Resp: 122785
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.3 33.9 50.9#





#95
Naphthalene
Concen: 3.636 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD073386.D
Acq: 26 May 2022 14:12

Instrument :
MSVOA_D
ClientSampleId :
P021-SS004-0006-01



Tgt Ion:	128	Resp:	845
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

