

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073349.D
 Acq On : 25 May 2022 04:16
 Operator : VA/SY
 Sample : N2886-05
 Misc : 5.18G/5.00ml/MSVOA_D/SoIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P020-SS001-1218-01

Quant Time: May 25 05:34:19 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)

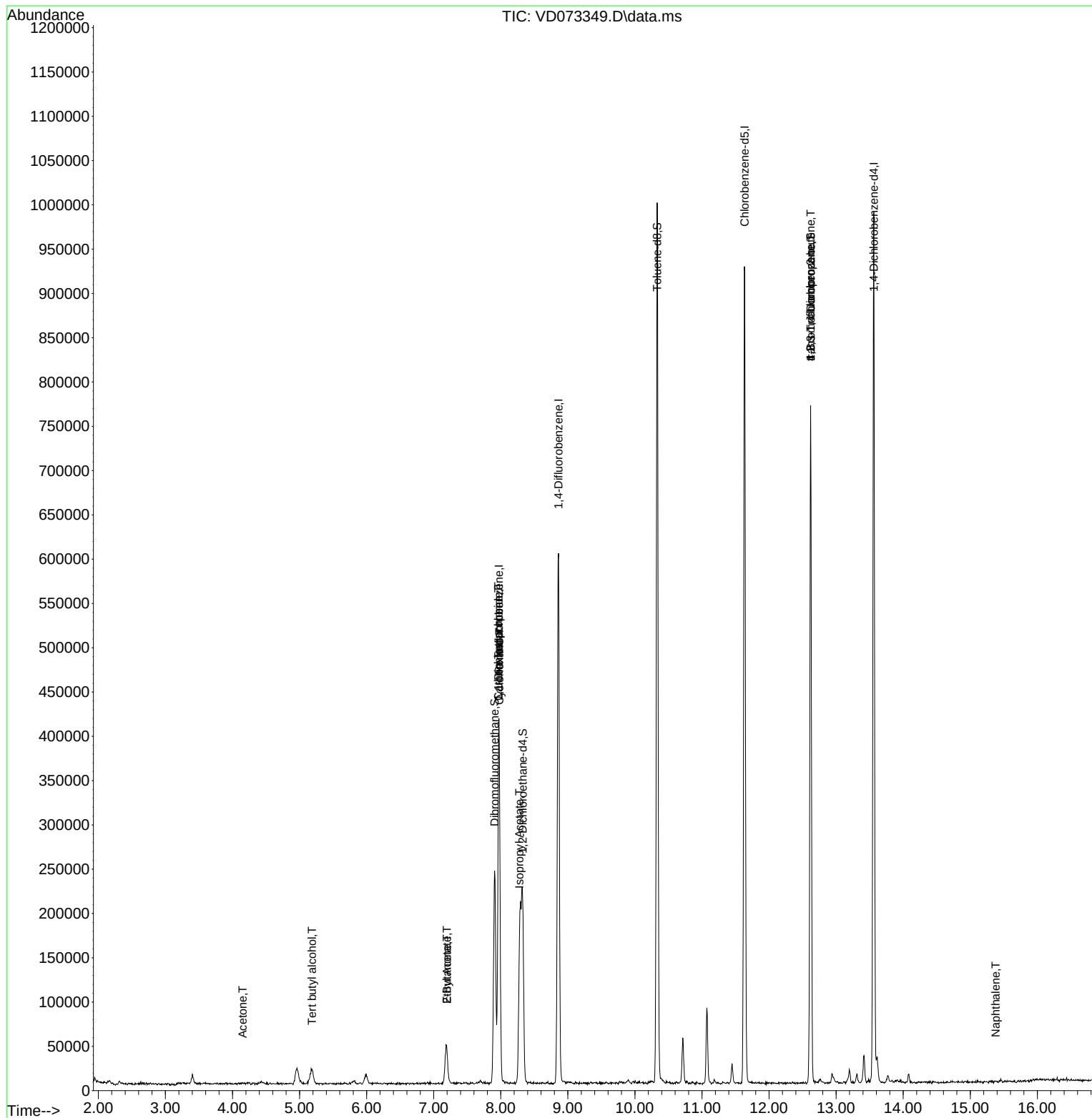
Internal Standards						
1) Pentafluorobenzene	7.973	168	298789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	527023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	158319	47.946	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.900%			
35) Dibromofluoromethane	7.908	113	174438	50.160	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.320%			
50) Toluene-d8	10.332	98	645026	50.316	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.640%			
62) 4-Bromofluorobenzene	12.620	95	240119	53.373	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.740%			
Target Compounds						
5) Bromomethane	2.785	94	625	Below Cal	Qvalue 92	
11) Tert butyl alcohol	5.185	59	15222	29.712 ug/l #	74	
16) Acetone	4.150	43	2200	3.847 ug/l #	47	
20) Methylene Chloride	4.967	84	13232	Below Cal #	83	
25) 2-Butanone	7.197	43	2667	3.187 ug/l #	52	
31) Cyclohexane	7.979	56	6610	1.146 ug/l #	33	
36) 1,1-Dichloropropene	7.967	75	25530	4.881 ug/l #	51	
37) Ethyl Acetate	7.197	43	2667	1.291 ug/l #	1	
38) Carbon Tetrachloride	7.967	117	31842	6.006 ug/l #	18	
43) Isopropyl Acetate	8.279	43	4744	1.242 ug/l #	5	
76) 1,2,3-Trichloropropane	12.620	75	123481	48.700 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.620	75	123481	116.914 ug/l #	7	
95) Naphthalene	15.379	128	311	3.576 ug/l #	70	

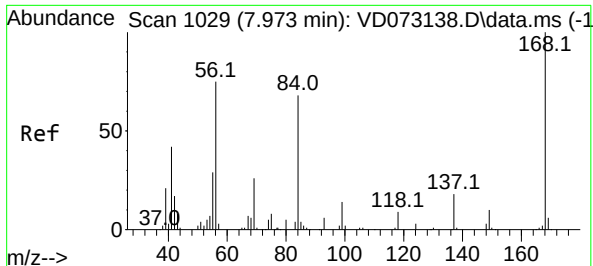
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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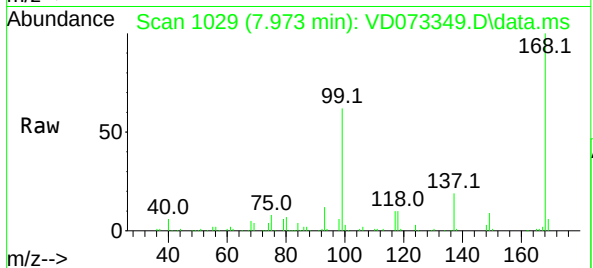
Quant Time: May 25 05:34:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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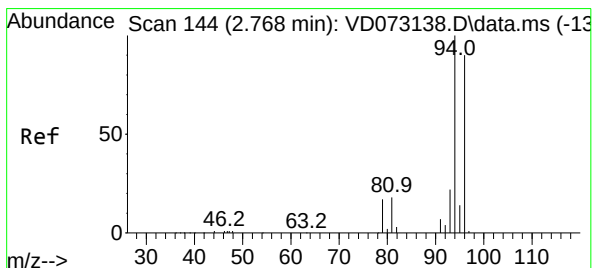
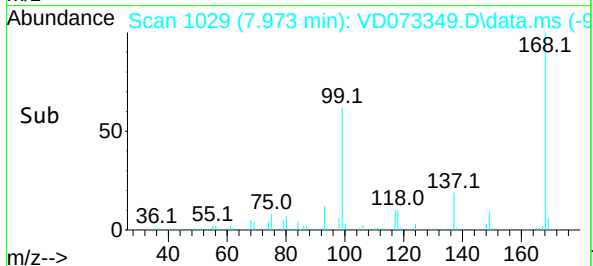
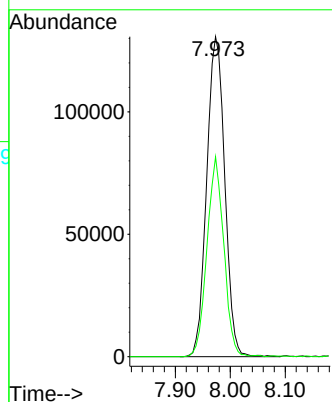


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1218-01

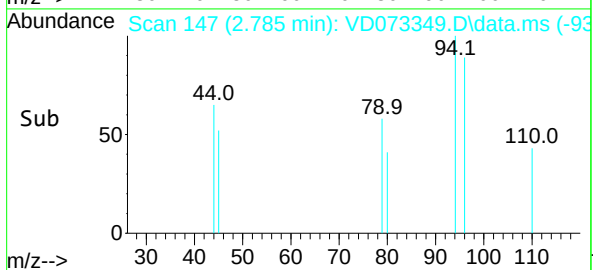
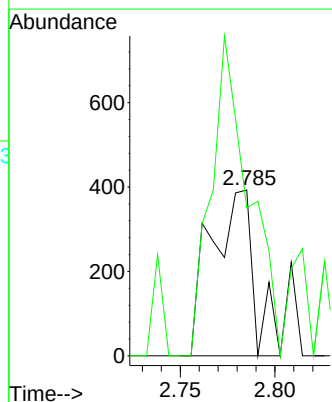
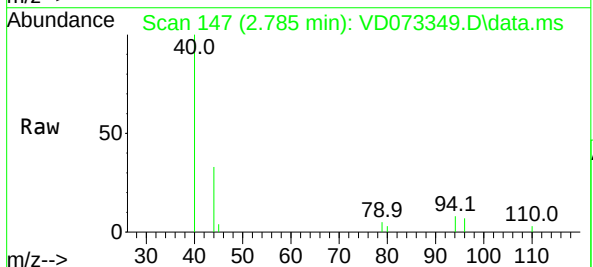


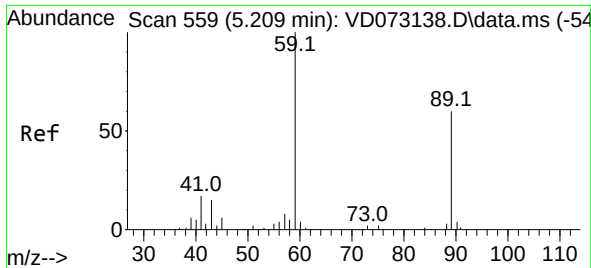
Tgt Ion:168 Resp: 298789
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

Tgt Ion: 94 Resp: 625
Ion Ratio Lower Upper
94 100
96 89.3 77.6 116.4

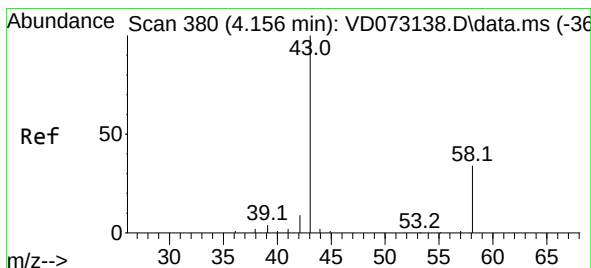
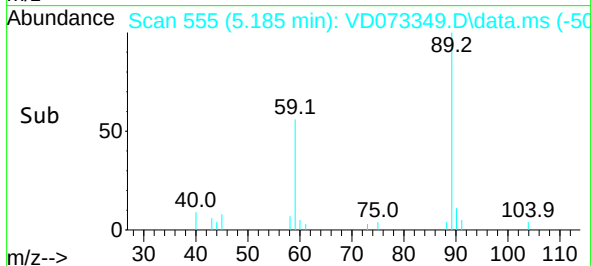
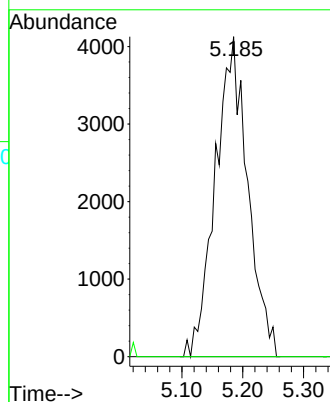
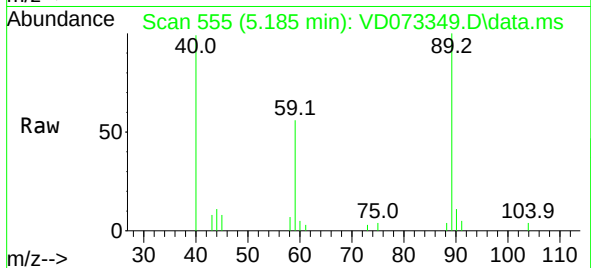




#11
Tert butyl alcohol
Concen: 29.712 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

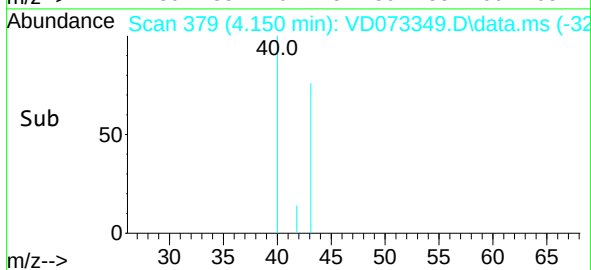
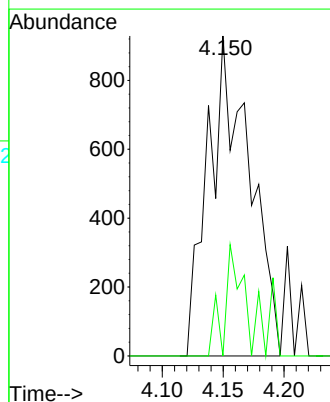
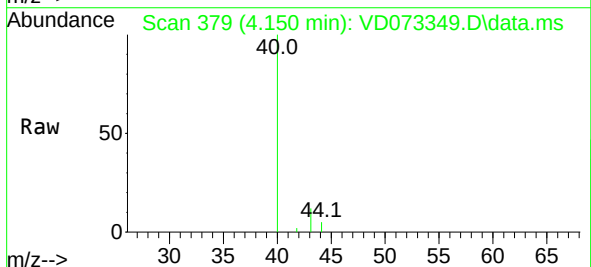
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1218-01

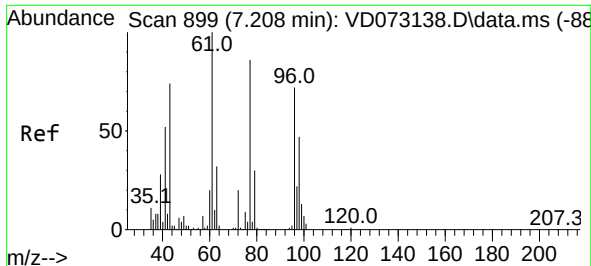
Tgt Ion: 59 Resp: 15222
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.847 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

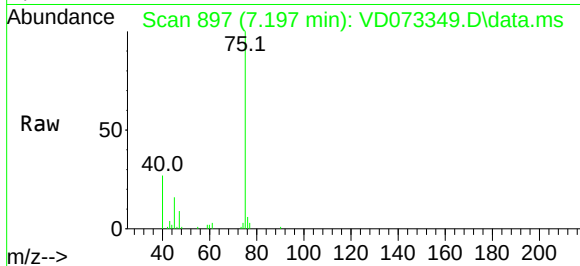
Tgt Ion: 43 Resp: 2200
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



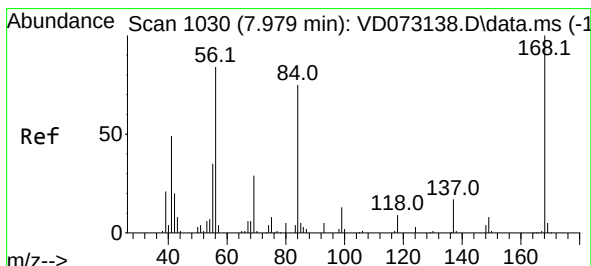
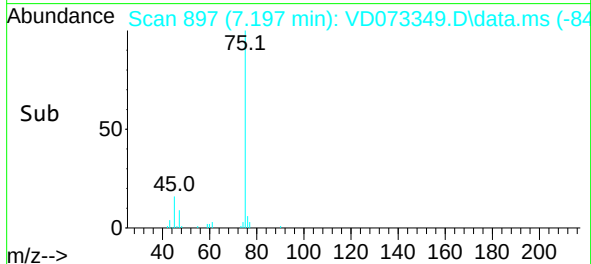
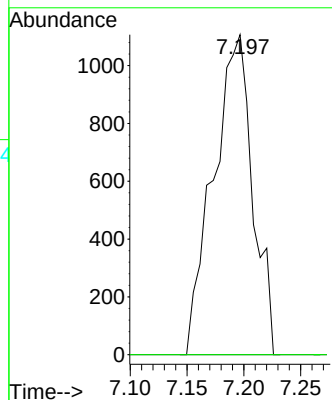


#25
2-Butanone
Concen: 3.187 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1218-01

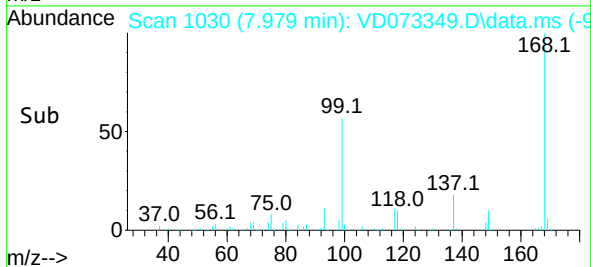
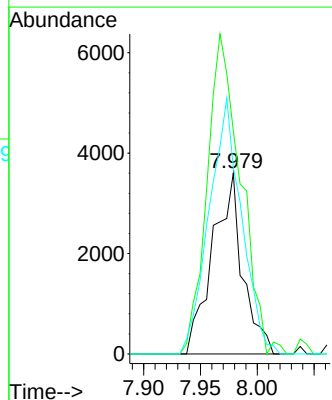
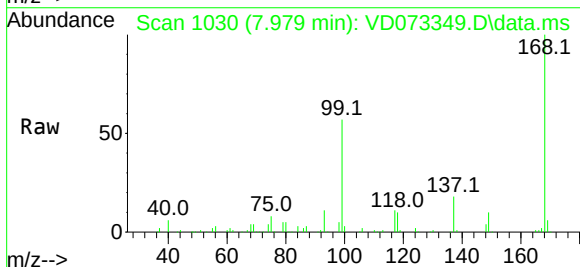


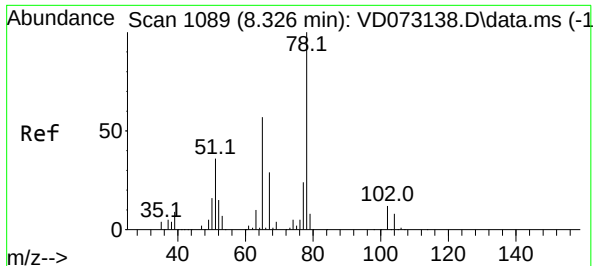
Tgt Ion: 43 Resp: 2667
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

Tgt Ion: 56 Resp: 6610
Ion Ratio Lower Upper
56 100
69 123.3 25.4 38.2#
84 102.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.946 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD073349.D

Acq: 25 May 2022 04:16

Instrument :

MSVOA_D

ClientSampleId :

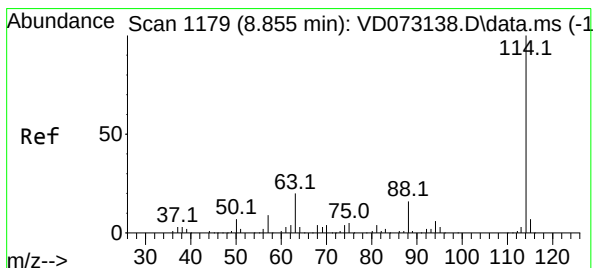
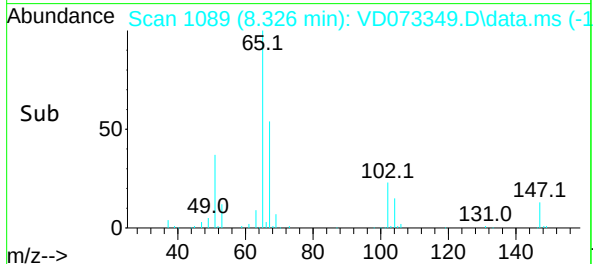
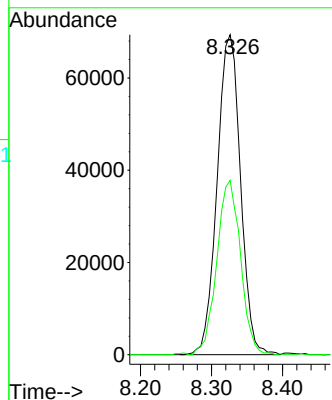
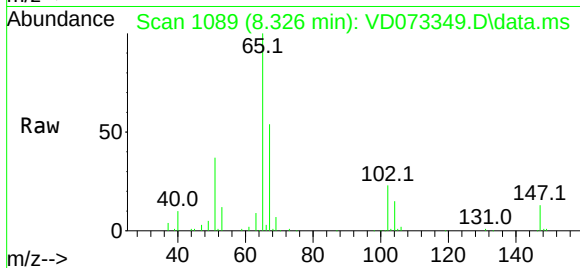
P020-SS001-1218-01

Tgt Ion: 65 Resp: 158319

Ion Ratio Lower Upper

65 100

67 55.4 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: VD073349.D

Acq: 25 May 2022 04:16

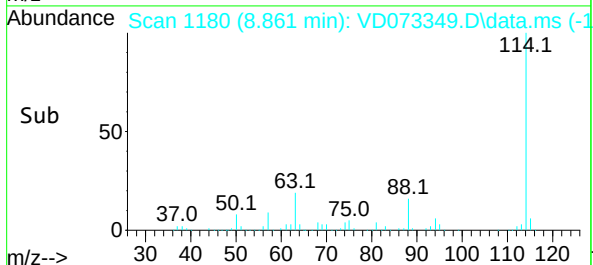
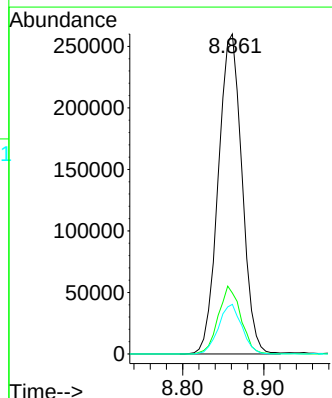
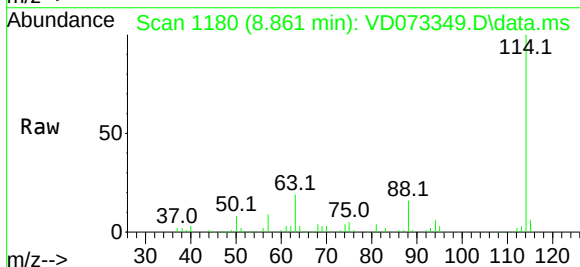
Tgt Ion: 114 Resp: 527023

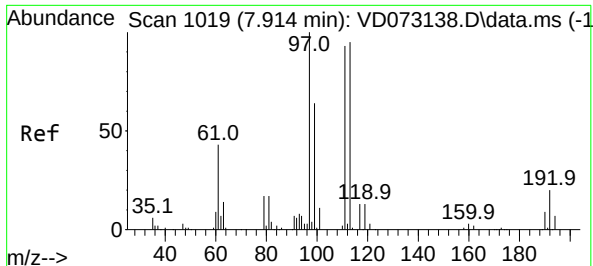
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.160 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073349.D

Acq: 25 May 2022 04:16

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-1218-01

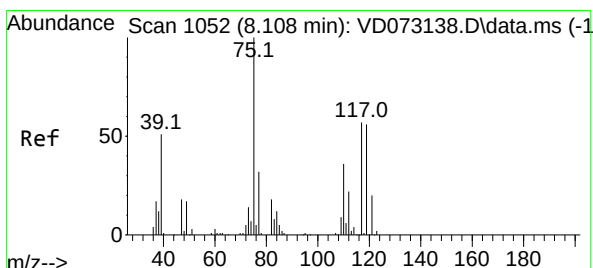
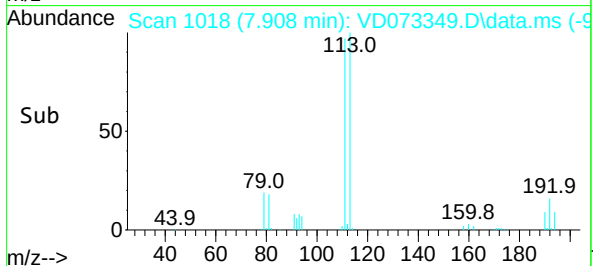
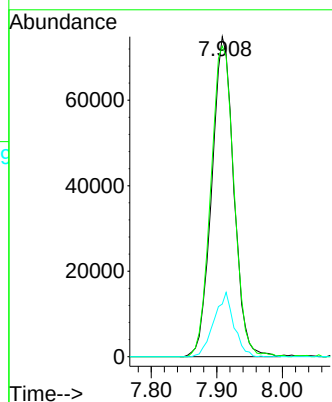
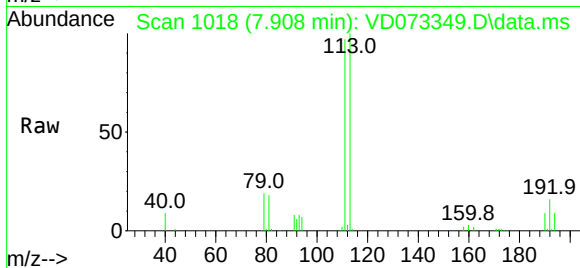
Tgt Ion:113 Resp: 174438

Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.881 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073349.D

Acq: 25 May 2022 04:16

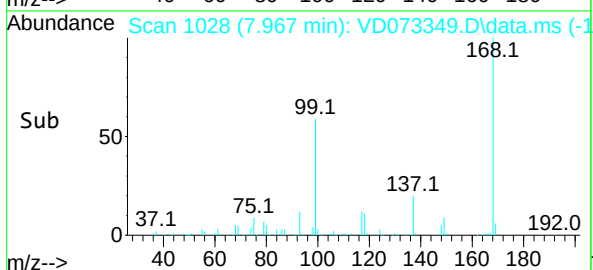
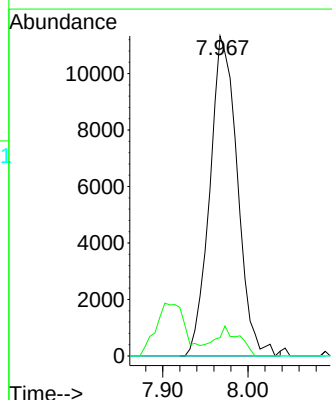
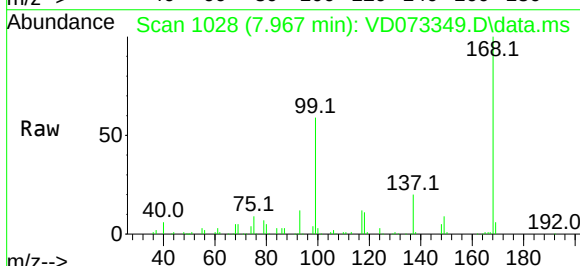
Tgt Ion: 75 Resp: 25530

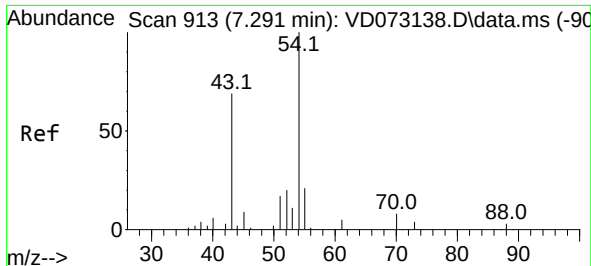
Ion Ratio Lower Upper

75 100

110 8.3 16.4 49.1#

77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 1.291 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.094 min

Lab File: VD073349.D

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P020-SS001-1218-01

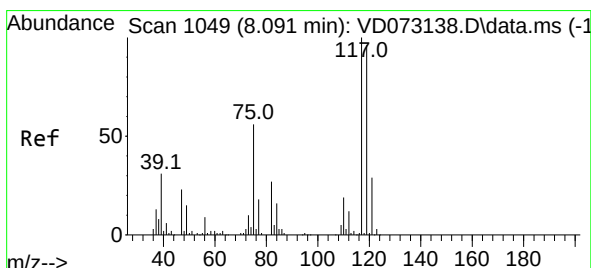
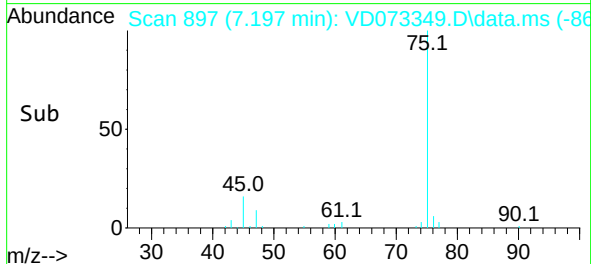
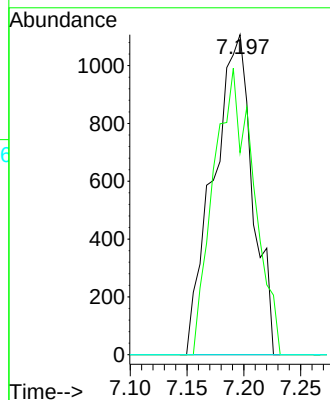
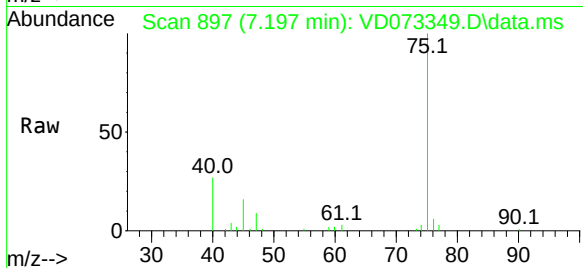
Tgt Ion: 43 Resp: 2667

Ion Ratio Lower Upper

43 100

61 90.5 9.8 14.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 6.006 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD073349.D

Acq: 25 May 2022 04:16

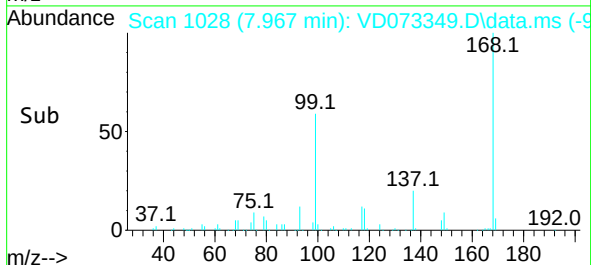
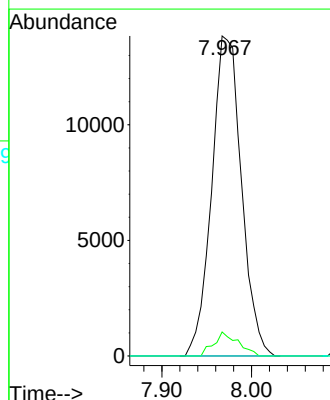
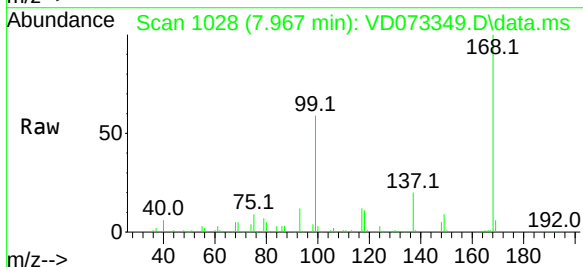
Tgt Ion: 117 Resp: 31842

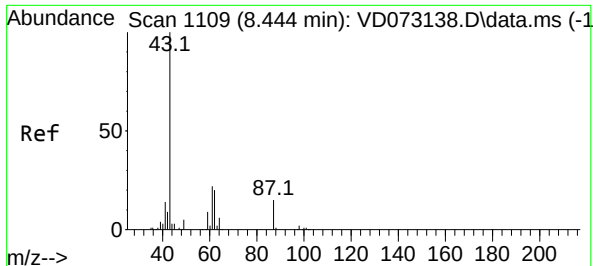
Ion Ratio Lower Upper

117 100

119 7.5 75.8 113.6#

121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 1.242 ug/l

RT: 8.279 min Scan# 1081

Delta R.T. -0.165 min

Lab File: VD073349.D

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P020-SS001-1218-01

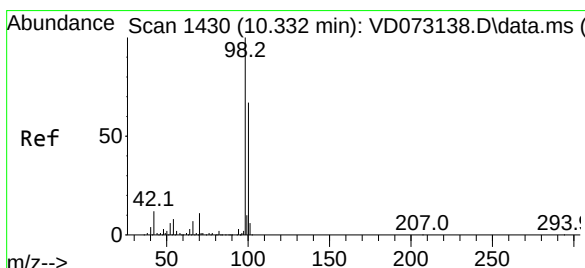
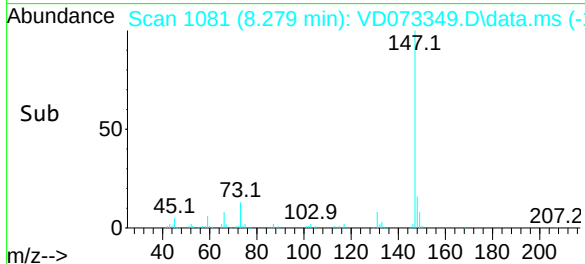
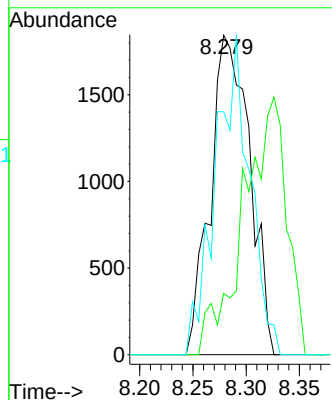
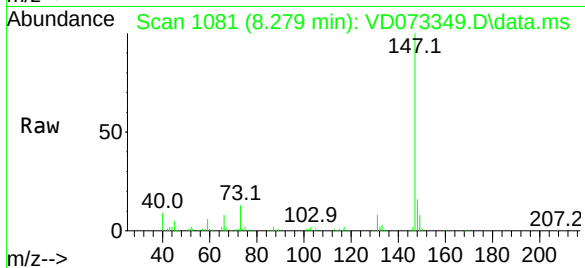
Tgt Ion: 43 Resp: 4744

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 87.2 8.7 13.1#



#50

Toluene-d8

Concen: 50.316 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073349.D

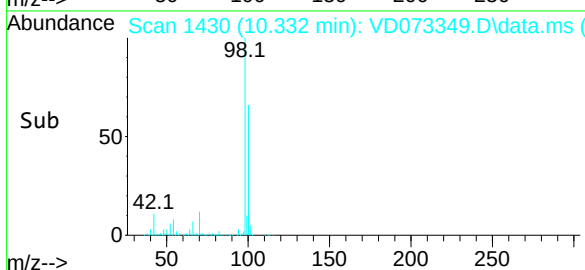
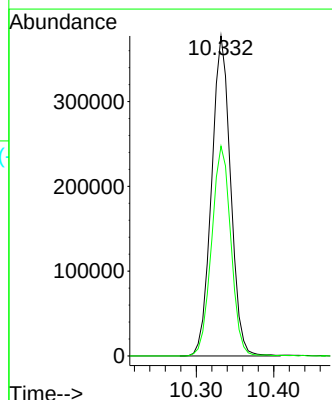
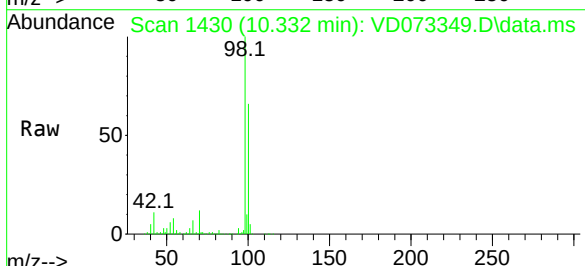
Acq: 25 May 2022 04:16

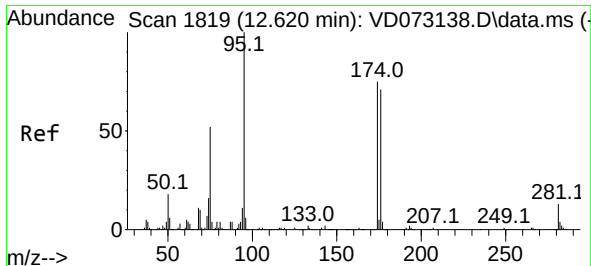
Tgt Ion: 98 Resp: 645026

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6

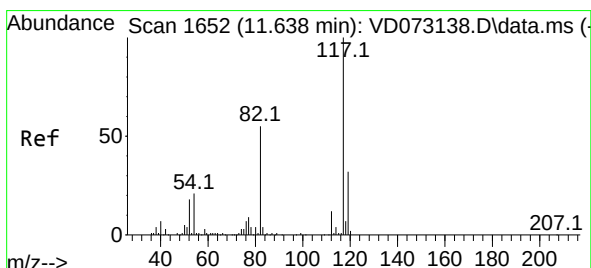
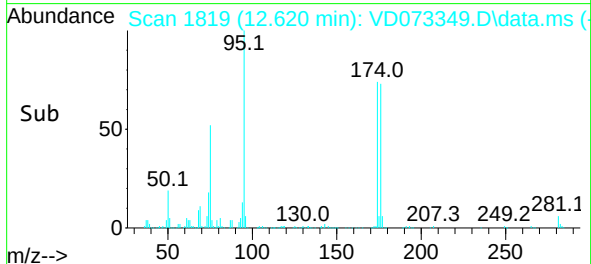
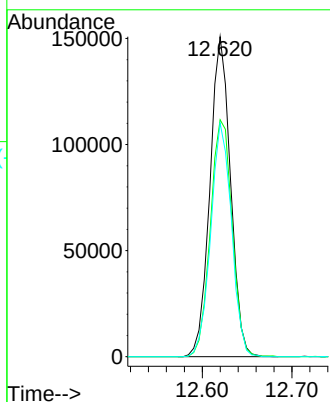
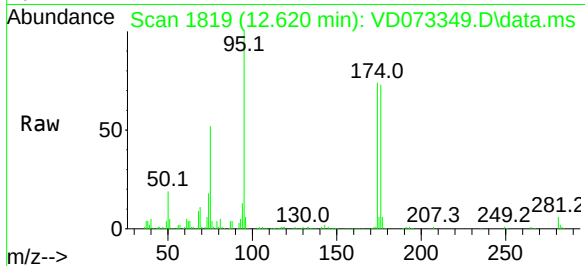




#62
4-Bromofluorobenzene
Concen: 53.373 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

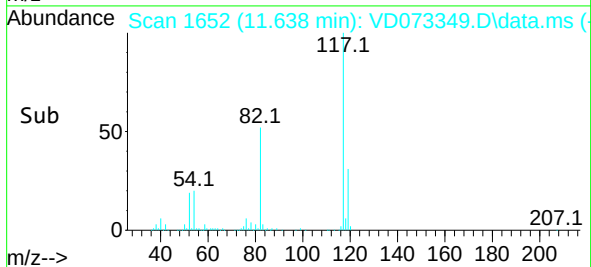
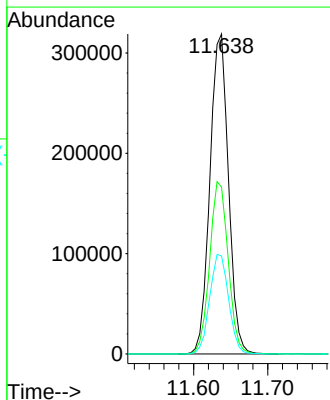
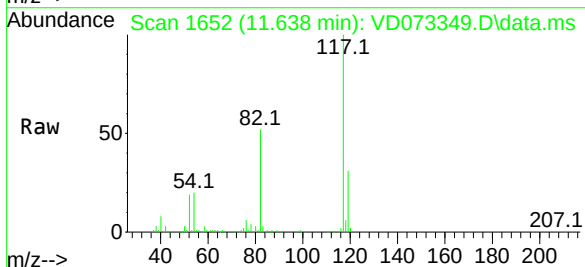
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1218-01

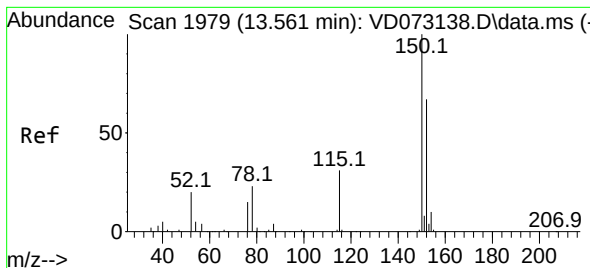
Tgt Ion: 95 Resp: 240119
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

Tgt Ion: 117 Resp: 553253
Ion Ratio Lower Upper
117 100
82 52.1 45.3 67.9
119 30.6 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073349.D

Acq: 25 May 2022 04:16

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-1218-01

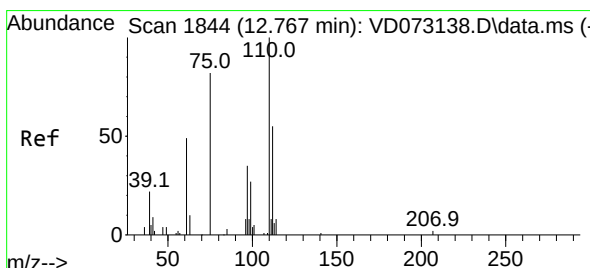
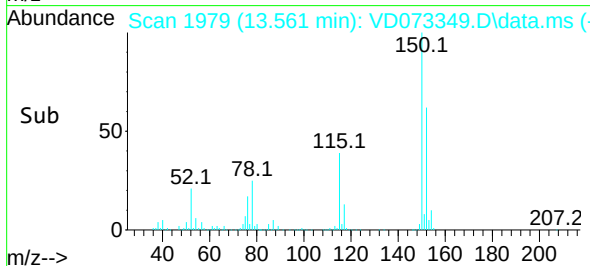
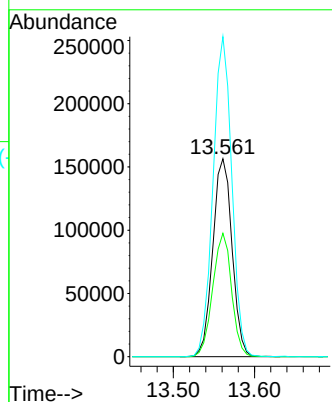
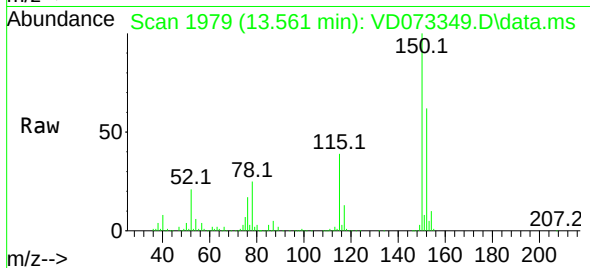
Tgt Ion:152 Resp: 258420

Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

150 157.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 48.700 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073349.D

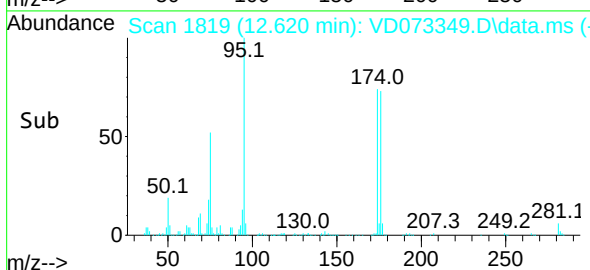
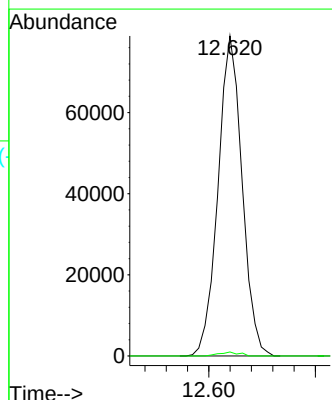
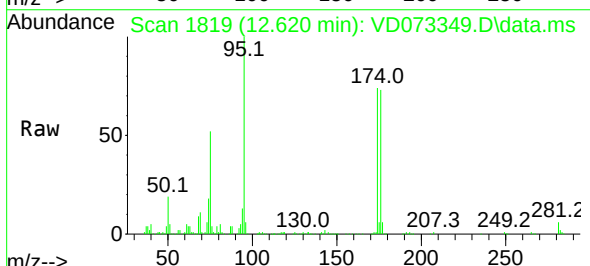
Acq: 25 May 2022 04:16

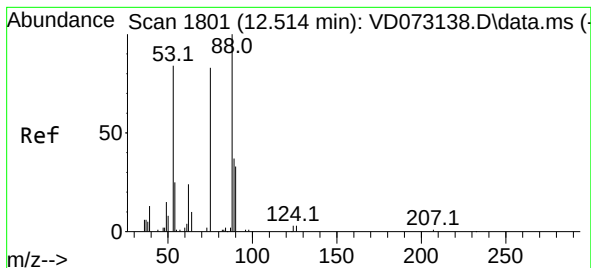
Tgt Ion: 75 Resp: 123481

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#

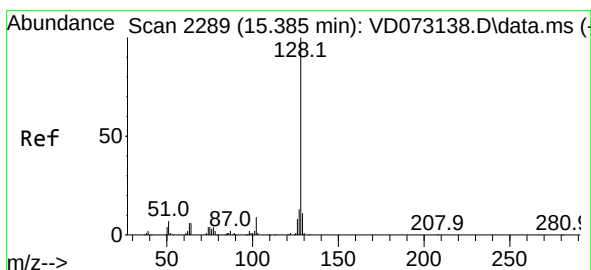
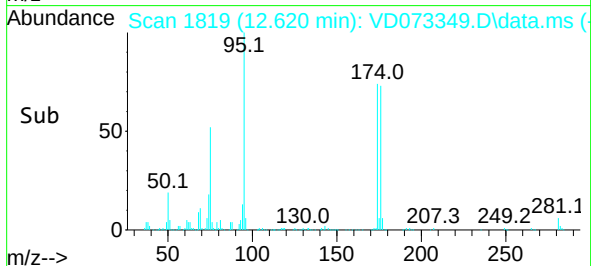
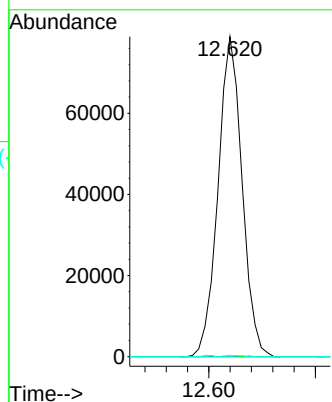
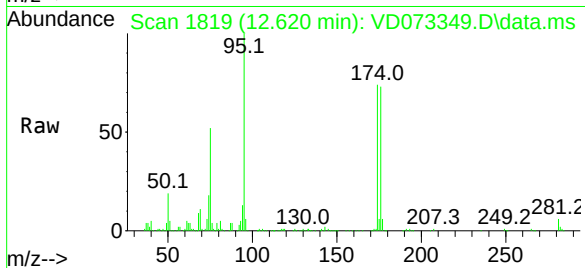




#81
trans-1,4-Dichloro-2-butene
Concen: 116.914 ug/l
RT: 12.620 min Scan# 1801
Delta R.T. 0.106 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-1218-01

Tgt Ion: 75 Resp: 123481
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.576 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073349.D
Acq: 25 May 2022 04:16

Tgt Ion: 128 Resp: 311
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

