

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073152.D
 Acq On : 19 May 2022 21:43
 Operator : VA/SY
 Sample : N2901-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-051722

Quant Time: May 20 01:51:20 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)

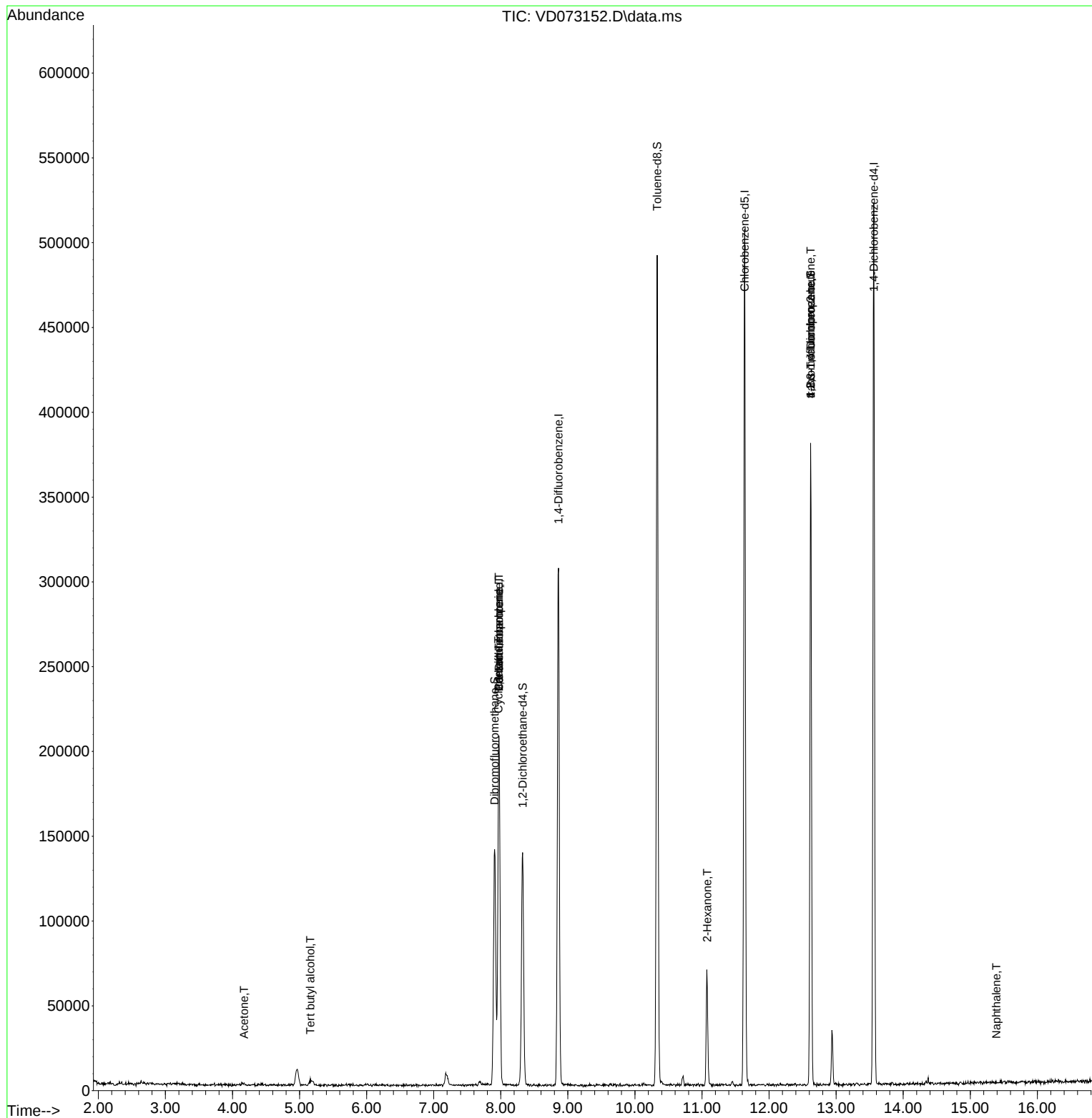
Internal Standards						
1) Pentafluorobenzene	7.973	168	147427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	259803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	289343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	134447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	108938	66.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.720%	
35) Dibromofluoromethane	7.908	113	101733	59.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.680%	
50) Toluene-d8	10.332	98	323225	51.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.620	95	125341	56.516	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.040%	
Target Compounds						Qvalue
5) Bromomethane	2.785	94	937	Below Cal	90	
11) Tert butyl alcohol	5.161	59	3085	12.204 ug/l #	74	
16) Acetone	4.173	43	1910	6.768 ug/l #	88	
31) Cyclohexane	7.967	56	3781	1.328 ug/l #	1	
36) 1,1-Dichloropropene	7.973	75	12212	4.736 ug/l #	47	
38) Carbon Tetrachloride	7.973	117	15788	6.041 ug/l #	18	
59) 2-Hexanone	11.079	43	794	1.232 ug/l #	27	
76) 1,2,3-Trichloropropane	12.620	75	60979	46.226 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.620	75	60979	110.974 ug/l #	7	
95) Naphthalene	15.390	128	71	3.556 ug/l #	70	

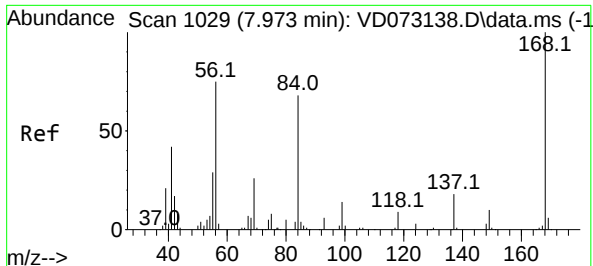
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EO-02-051722

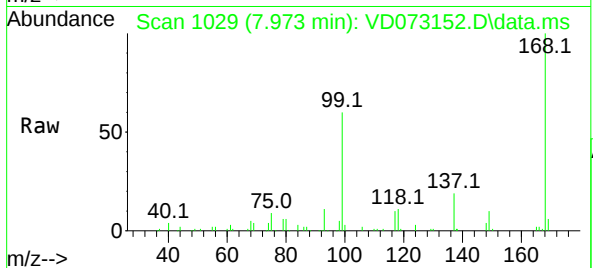
Quant Time: May 20 01:51:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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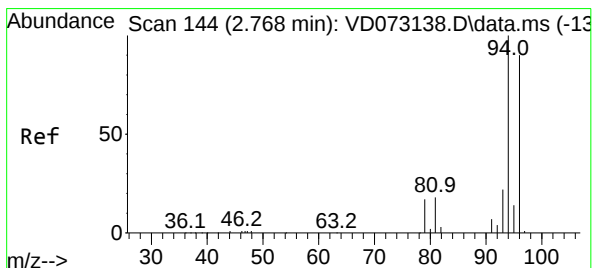
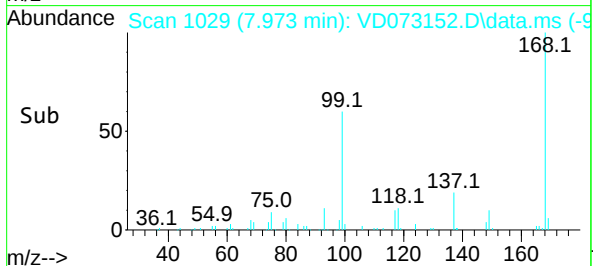
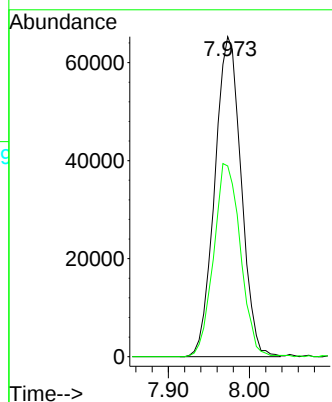


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

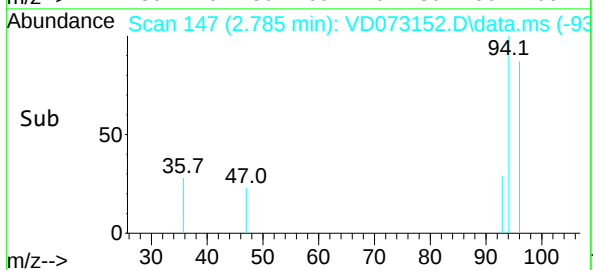
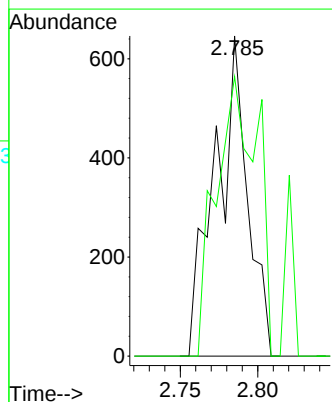
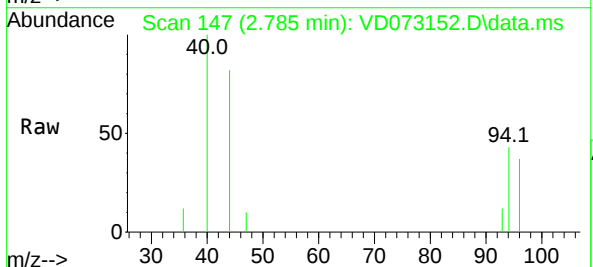


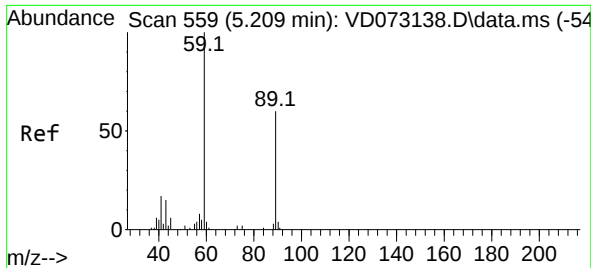
Tgt Ion:168 Resp: 147427
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

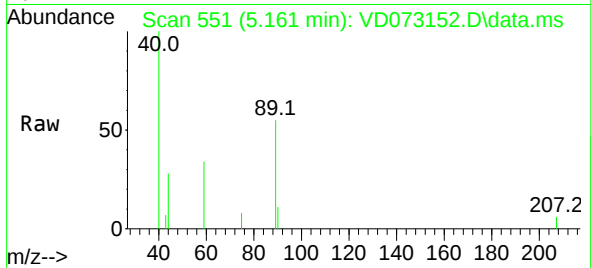
Tgt Ion: 94 Resp: 937
Ion Ratio Lower Upper
94 100
96 87.3 77.6 116.4



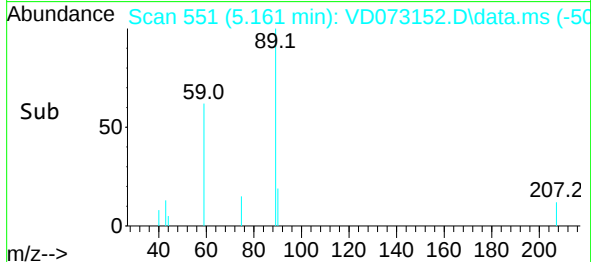
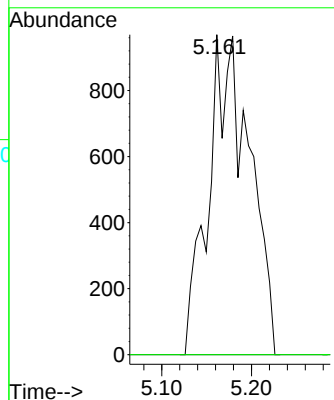


#11
Tert butyl alcohol
Concen: 12.204 ug/l
RT: 5.161 min Scan# 511
Delta R.T. -0.048 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

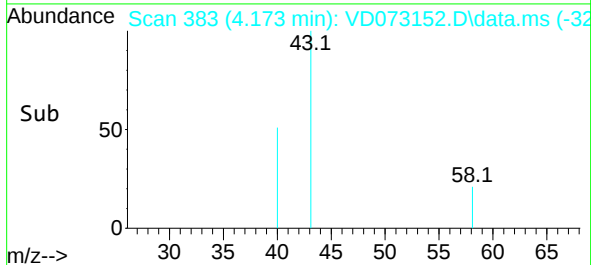
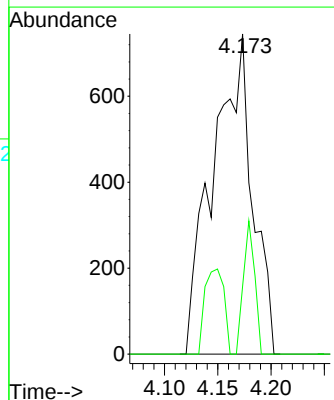
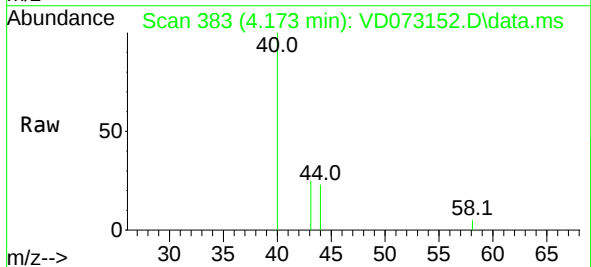


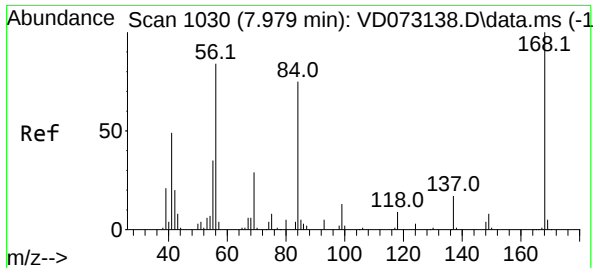
Tgt Ion: 59 Resp: 3085
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 6.768 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

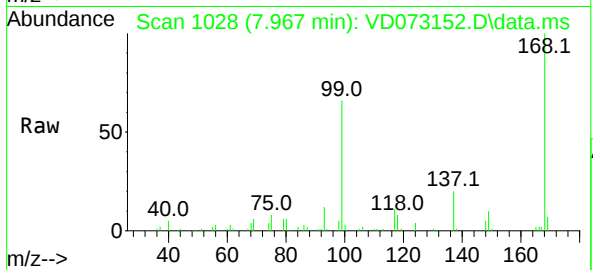
Tgt Ion: 43 Resp: 1910
Ion Ratio Lower Upper
43 100
58 21.2 22.1 33.1#



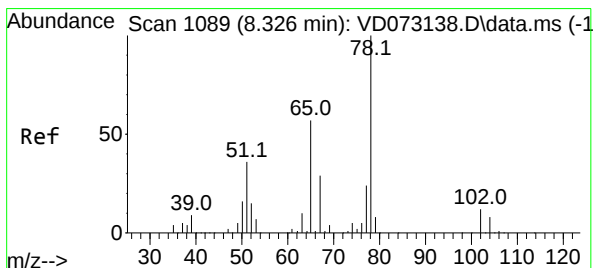
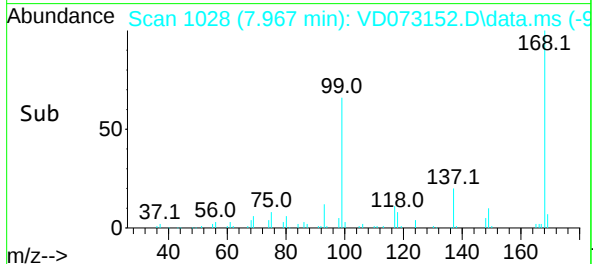
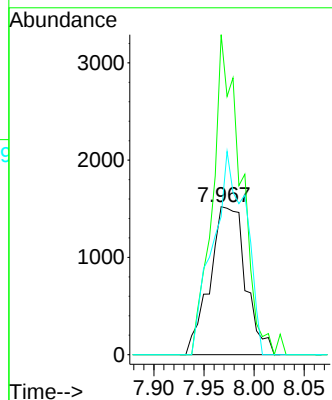


#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

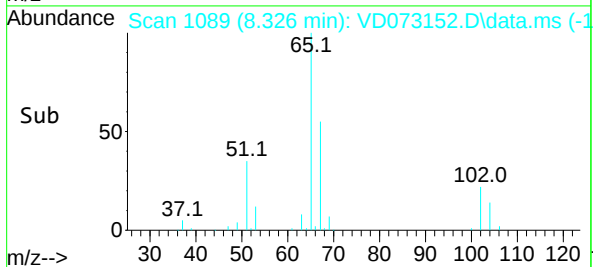
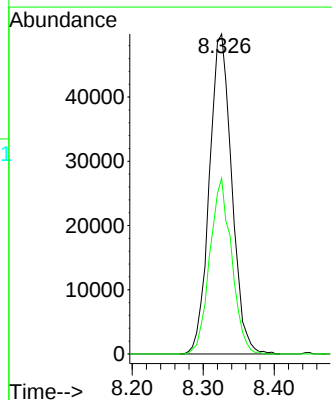
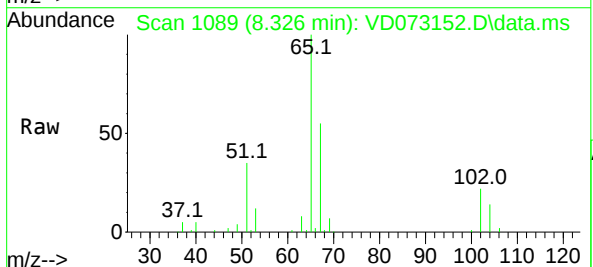


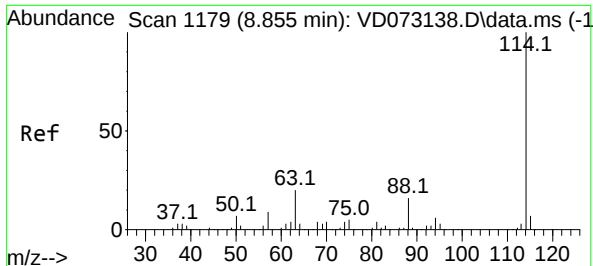
Tgt Ion: 56 Resp: 3781
Ion Ratio Lower Upper
56 100
69 216.2 25.4 38.2#
84 93.3 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 66.863 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

Tgt Ion: 65 Resp: 108938
Ion Ratio Lower Upper
65 100
67 53.4 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: VD073152.D

Acq: 19 May 2022 21:43

Instrument :

MSVOA_D

ClientSampleId :

EO-02-051722

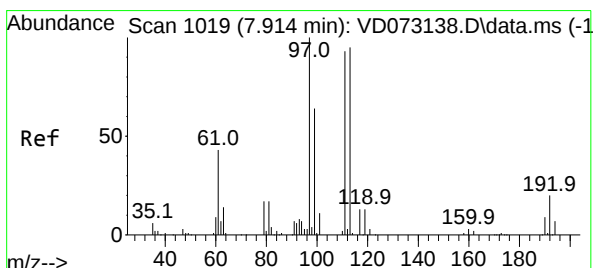
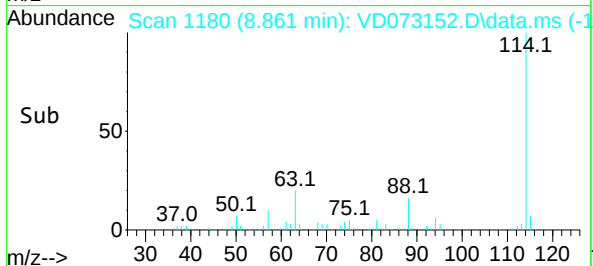
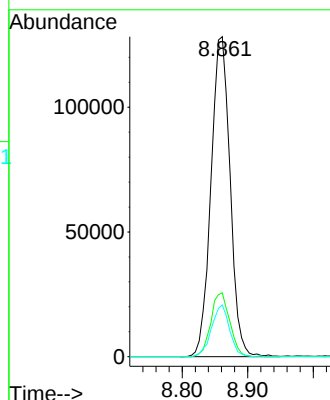
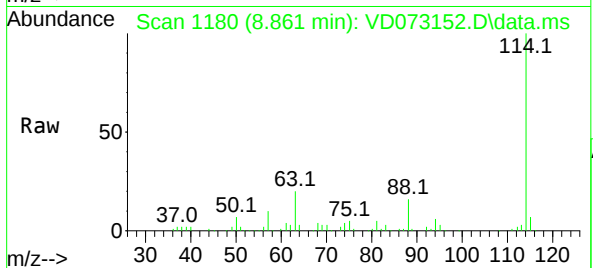
Tgt Ion:114 Resp: 259803

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 59.342 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073152.D

Acq: 19 May 2022 21:43

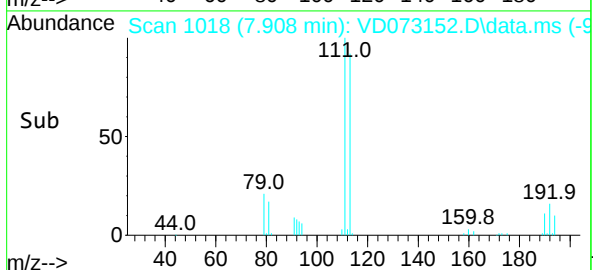
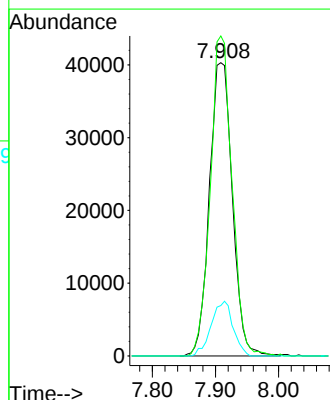
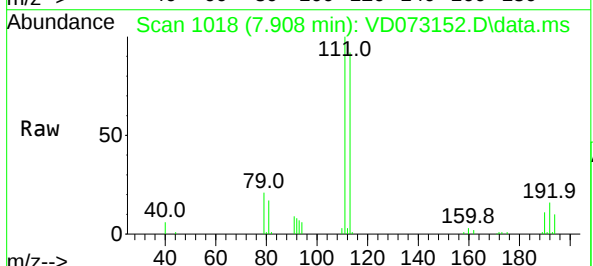
Tgt Ion:113 Resp: 101733

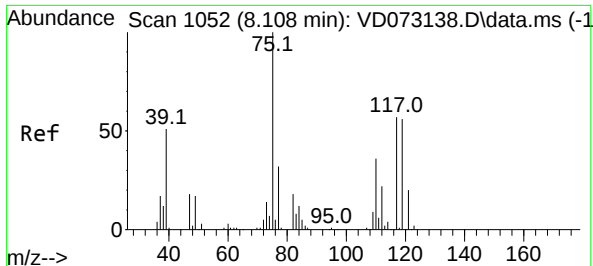
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 17.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.736 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073152.D

Acq: 19 May 2022 21:43

Instrument :

MSVOA_D

ClientSampleId :

EO-02-051722

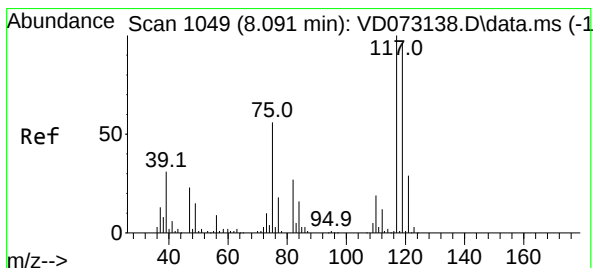
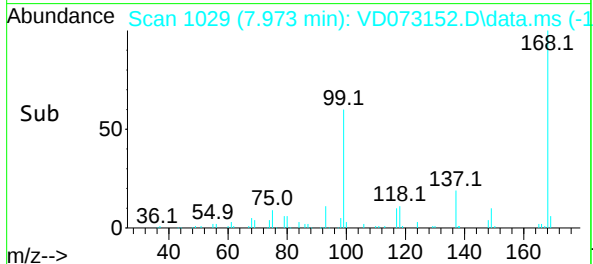
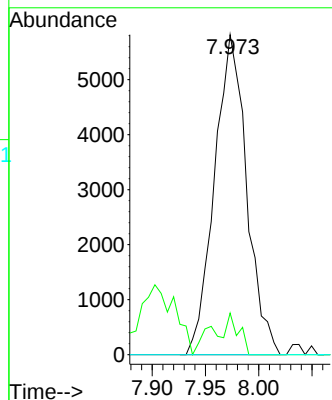
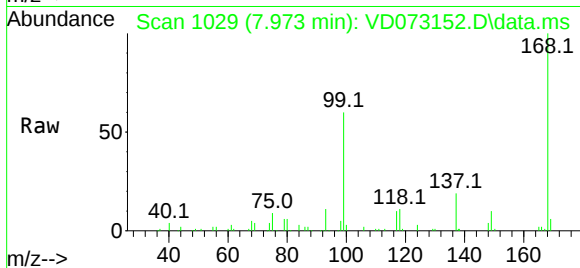
Tgt Ion: 75 Resp: 12212

Ion Ratio Lower Upper

75 100

110 4.6 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.041 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073152.D

Acq: 19 May 2022 21:43

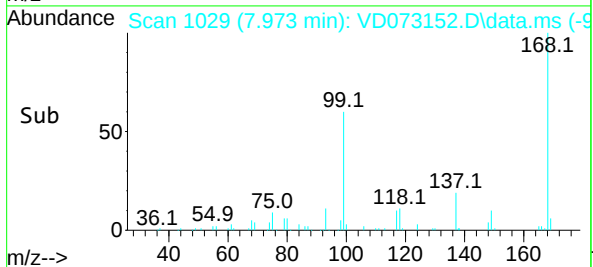
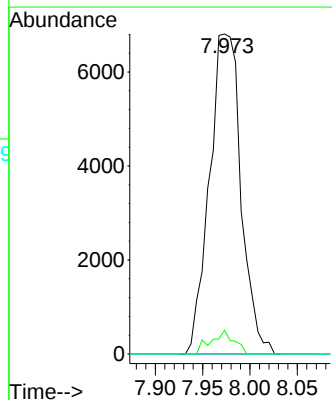
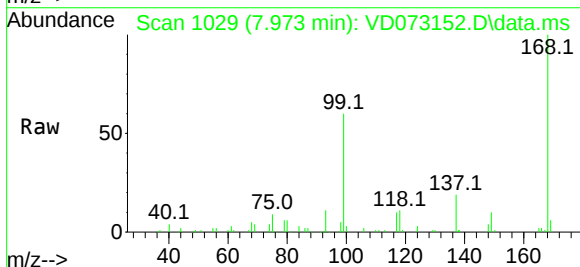
Tgt Ion: 117 Resp: 15788

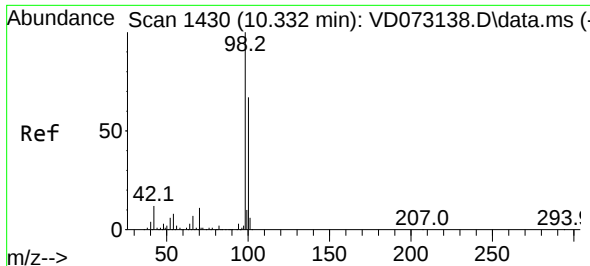
Ion Ratio Lower Upper

117 100

119 7.4 75.8 113.6#

121 0.0 24.5 36.7#

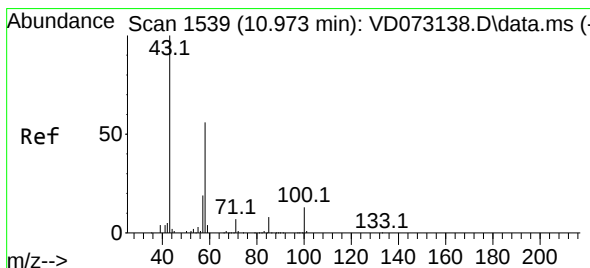
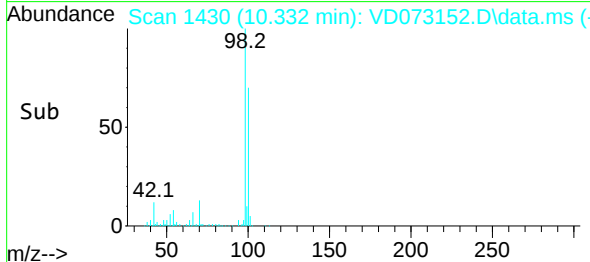
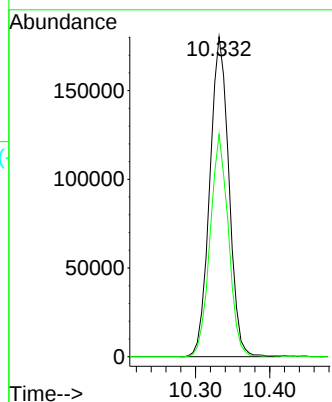
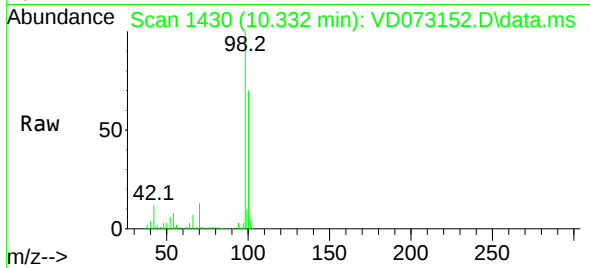




#50
Toluene-d8
Concen: 51.147 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

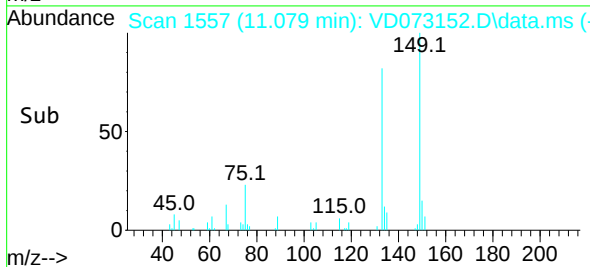
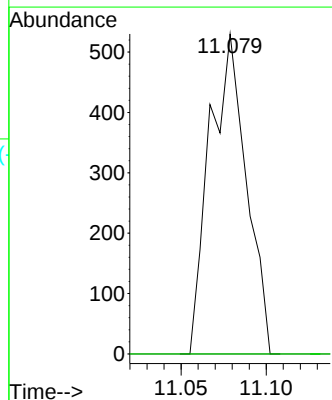
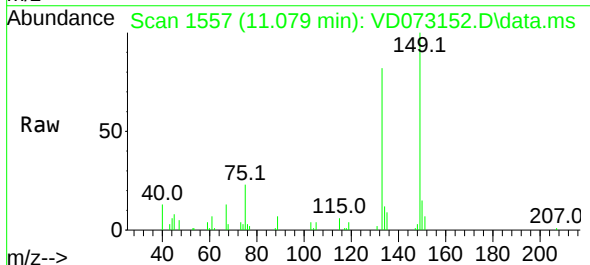
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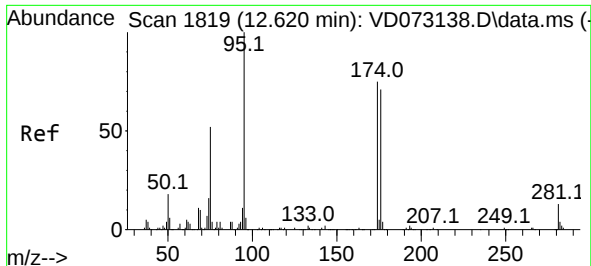
Tgt Ion: 98 Resp: 323225
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#59
2-Hexanone
Concen: 1.232 ug/l
RT: 11.079 min Scan# 1557
Delta R.T. 0.106 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

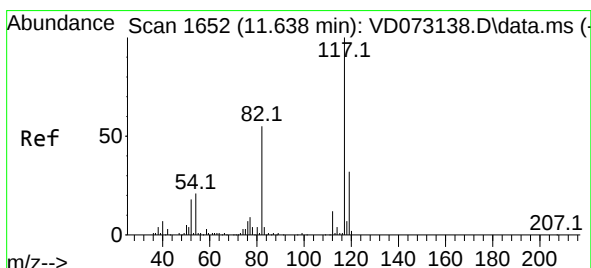
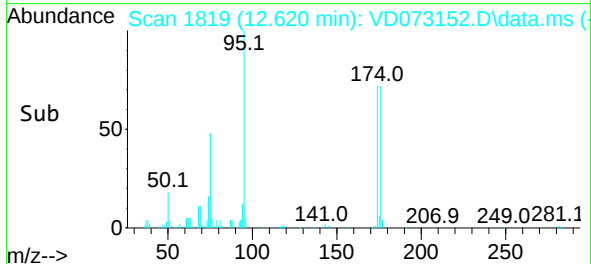
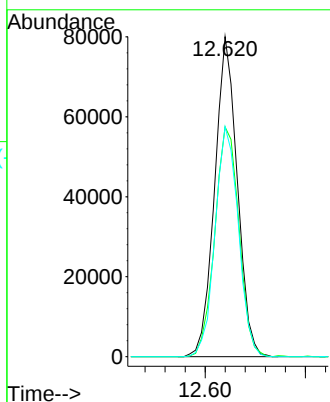
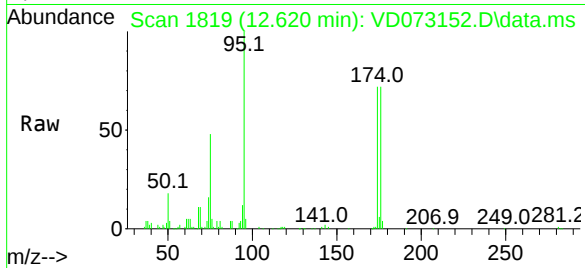




#62
4-Bromofluorobenzene
Concen: 56.516 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

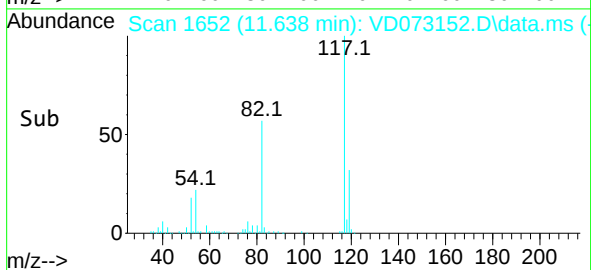
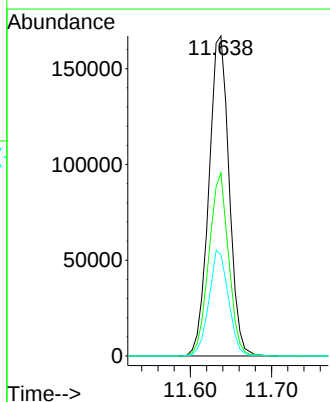
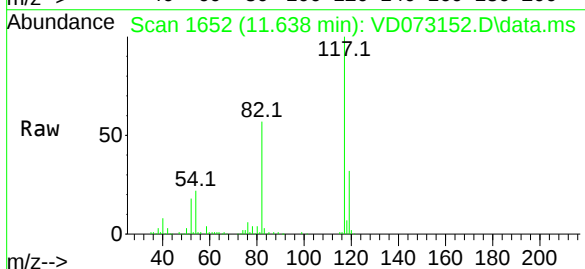
Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

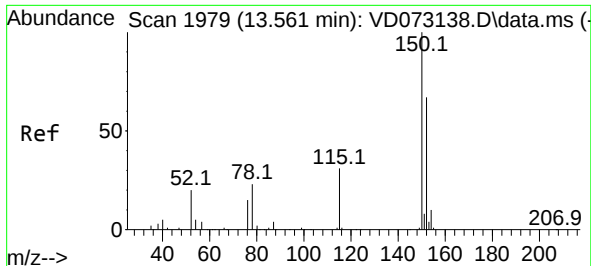
Tgt Ion: 95 Resp: 125341
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

Tgt Ion: 117 Resp: 289343
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.7 26.6 40.0

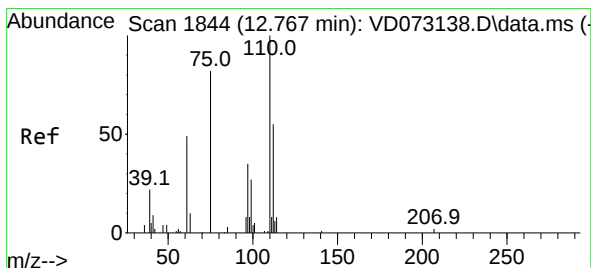
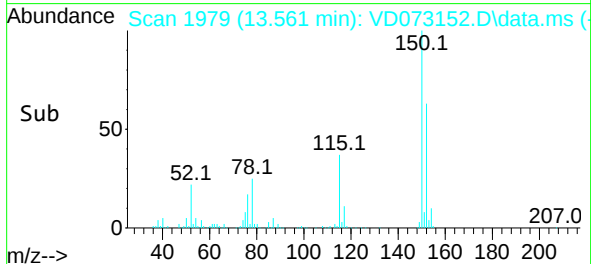
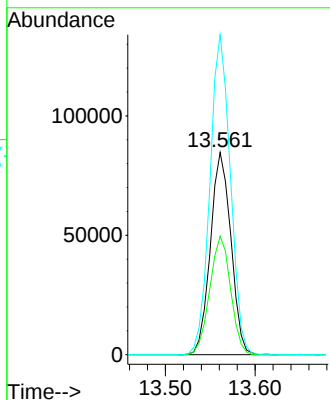
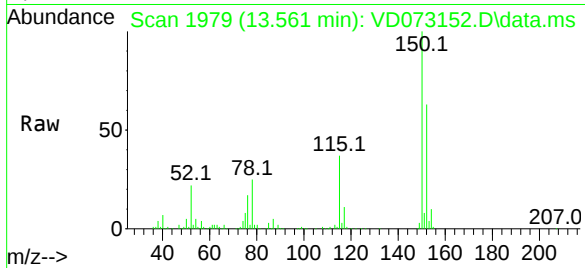




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

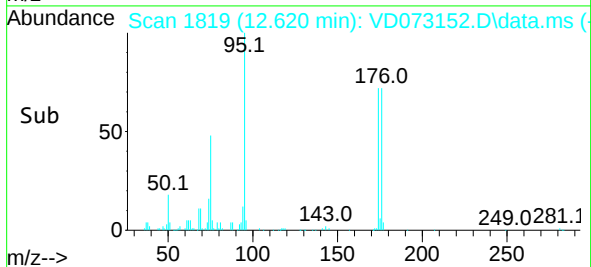
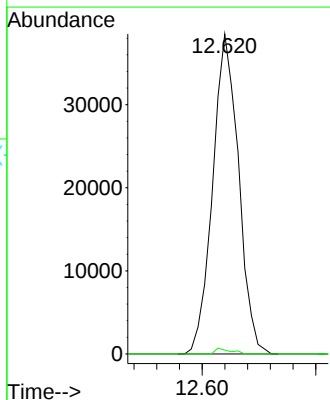
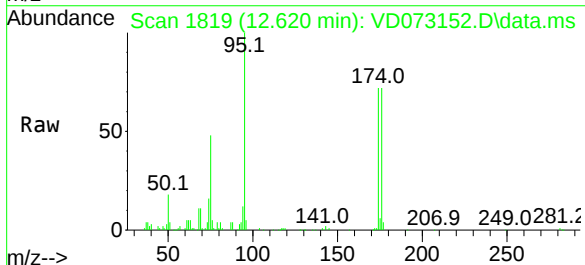
Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

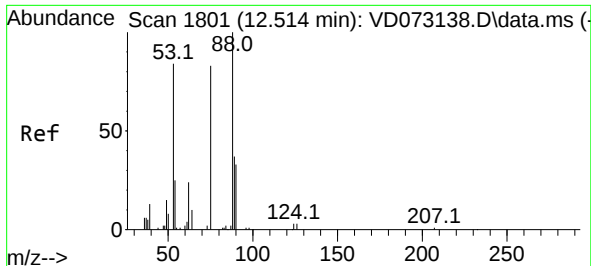
Tgt Ion:152 Resp: 134447
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 157.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.226 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

Tgt Ion: 75 Resp: 60979
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

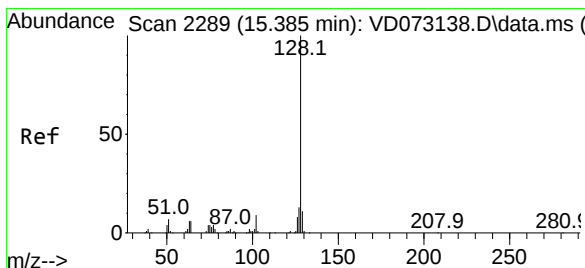
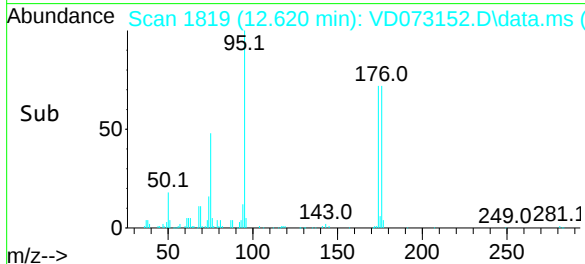
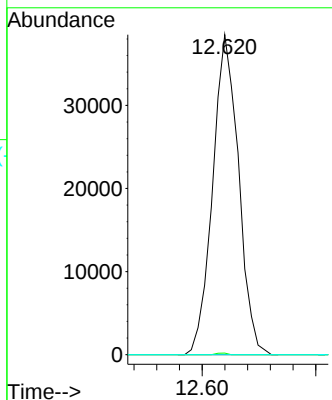
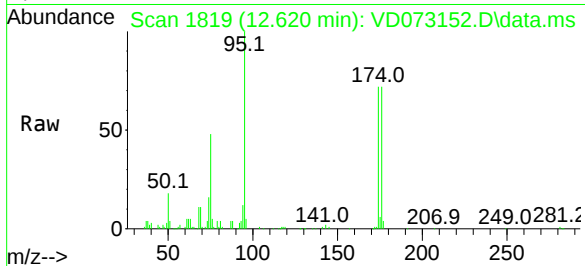




#81
trans-1,4-Dichloro-2-butene
Concen: 110.974 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

Instrument :
MSVOA_D
ClientSampleId :
EO-02-051722

Tgt Ion: 75 Resp: 60979
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.556 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD073152.D
Acq: 19 May 2022 21:43

Tgt Ion: 128 Resp: 71
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

