

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073176.D
 Acq On : 20 May 2022 10:34
 Operator : VA/SY
 Sample : N2842-17
 Misc : 3.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS001-2430-01

Quant Time: May 20 13:08:29 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)

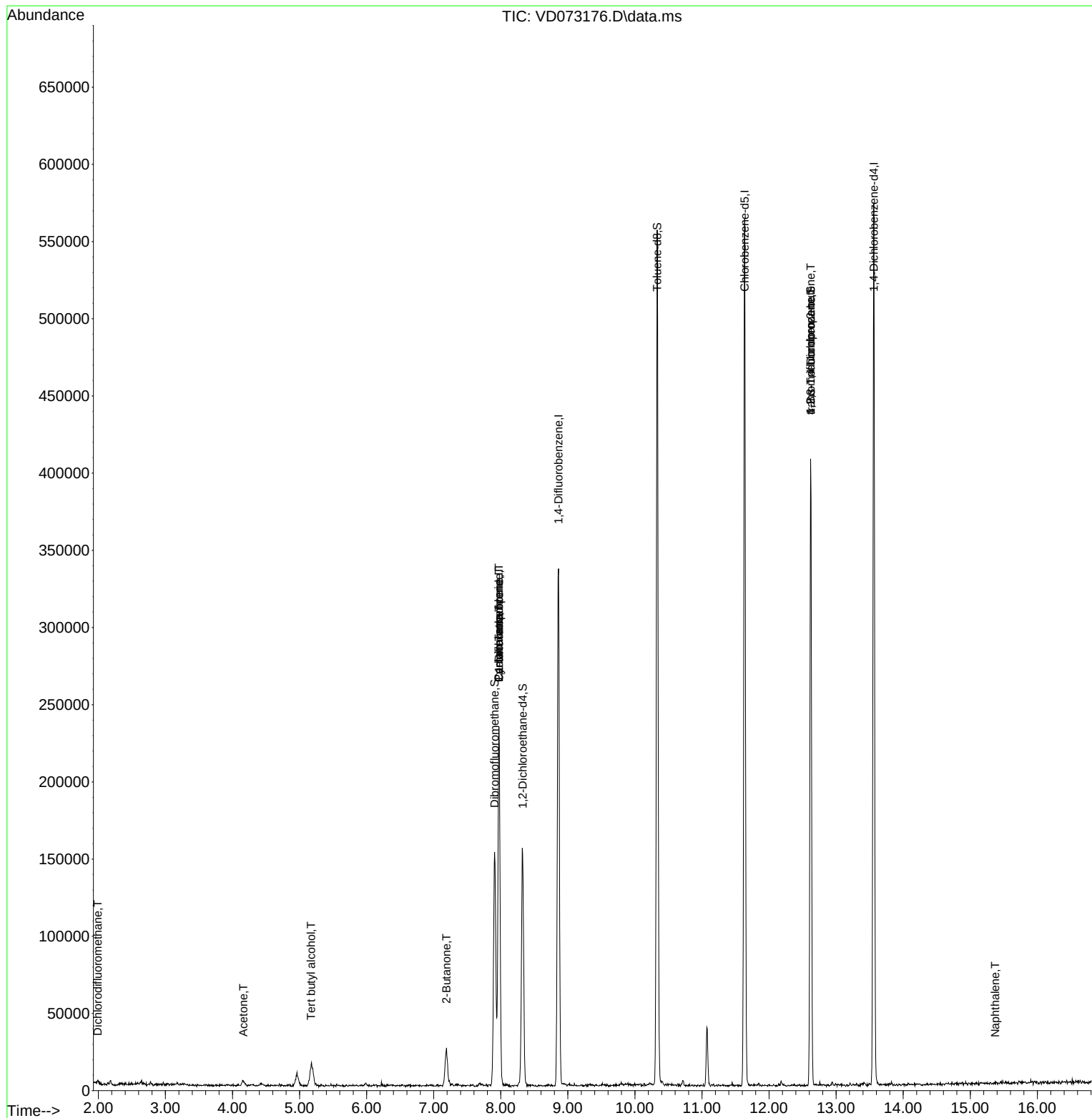
Internal Standards						
1) Pentafluorobenzene	7.973	168	159886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	292226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	318776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	150101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	124009	70.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.360%	
35) Dibromofluoromethane	7.908	113	111840	57.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.000%	
50) Toluene-d8	10.332	98	364109	51.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.620	95	137896	55.279	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	1903	1.191	ug/l	85
5) Bromomethane	2.779	94	1194	Below Cal	#	66
11) Tert butyl alcohol	5.173	59	13226	48.245	ug/l #	74
13) Acrolein	3.926	56	54	Below Cal	#	14
16) Acetone	4.162	43	5413	17.686	ug/l #	86
20) Methylene Chloride	4.961	84	6162	Below Cal	#	92
25) 2-Butanone	7.191	43	1187	2.651	ug/l #	52
31) Cyclohexane	7.973	56	4069	1.318	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	14051	4.845	ug/l #	45
38) Carbon Tetrachloride	7.973	117	17132	5.828	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	68412	46.452	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	68412	111.517	ug/l #	7
95) Naphthalene	15.373	128	175	3.575	ug/l #	70

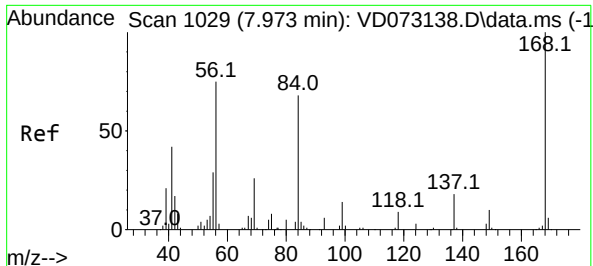
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P023-SS001-2430-01

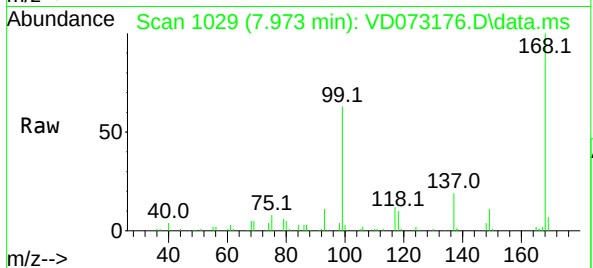
Quant Time: May 20 13:08:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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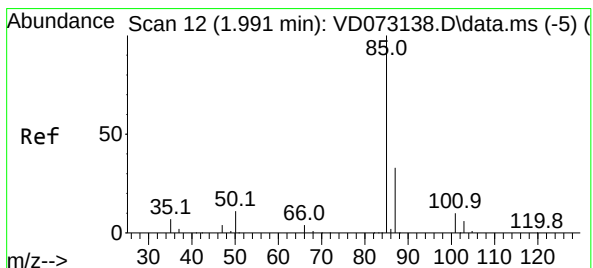
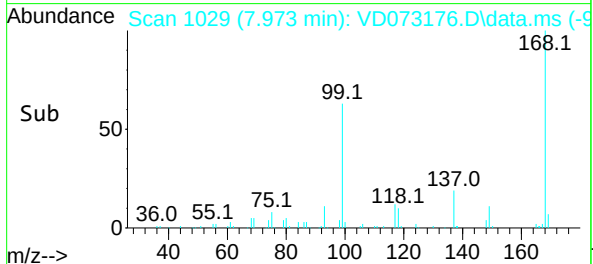
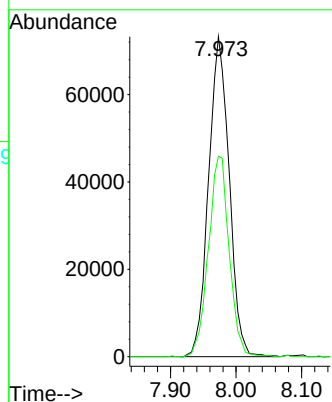


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

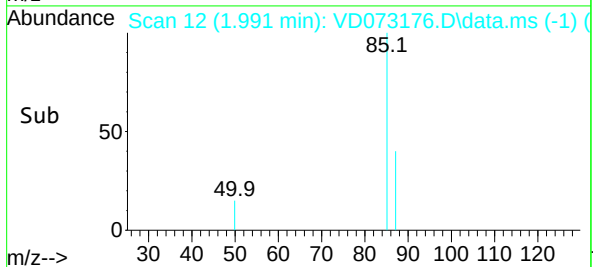
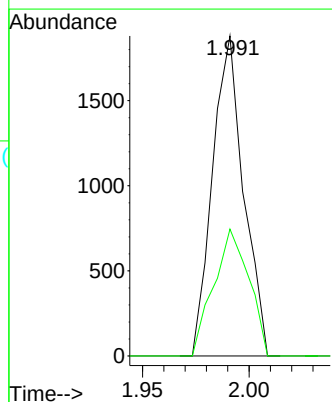
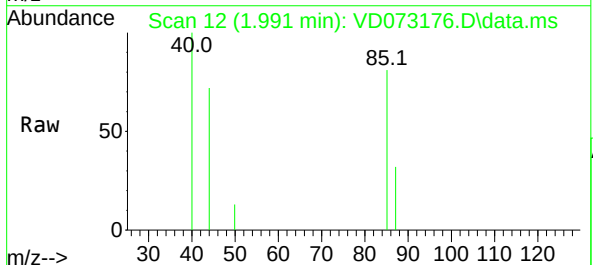


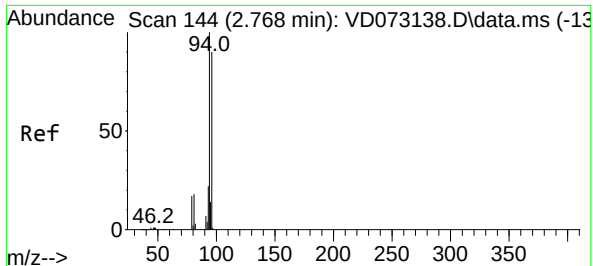
Tgt Ion:168 Resp: 159886
Ion Ratio Lower Upper
168 100
99 62.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.191 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 85 Resp: 1903
Ion Ratio Lower Upper
85 100
87 39.7 15.7 47.0

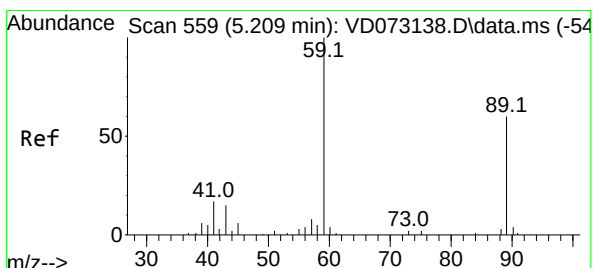
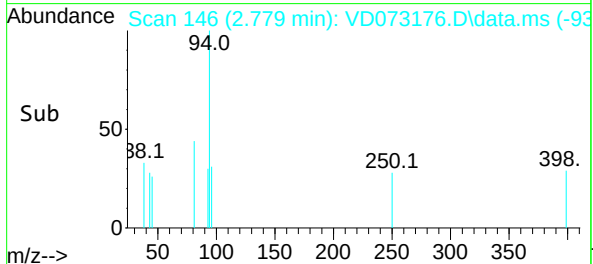
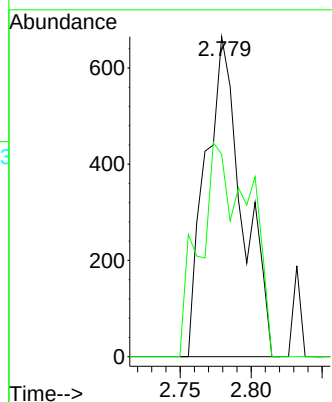
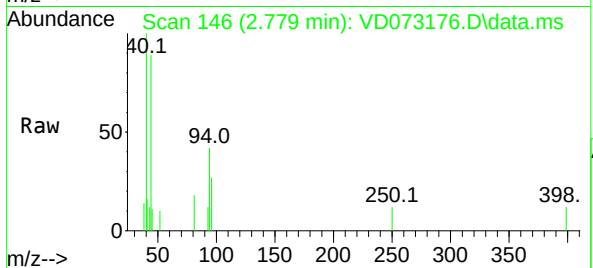




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 144
Delta R.T. 0.011 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

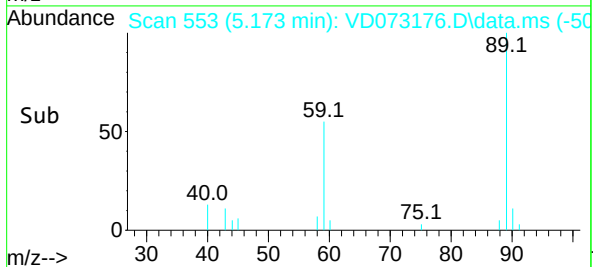
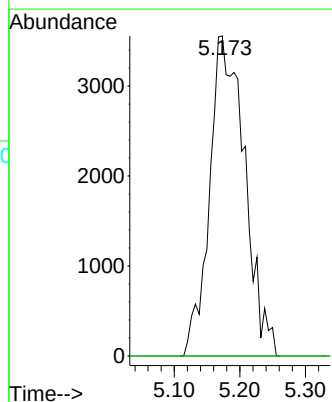
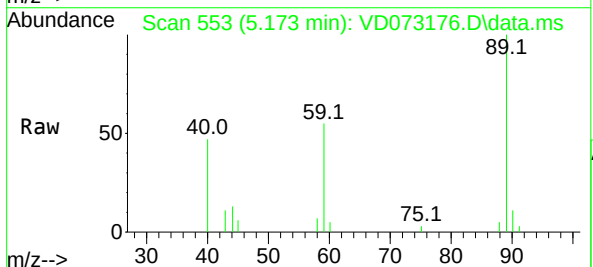
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

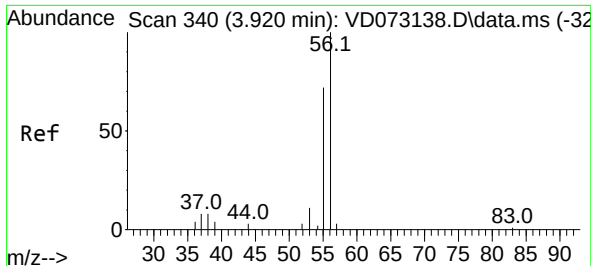
Tgt Ion: 94 Resp: 1194
Ion Ratio Lower Upper
94 100
96 63.3 77.6 116.4#



#11
Tert butyl alcohol
Concen: 48.245 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.036 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 59 Resp: 13226
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

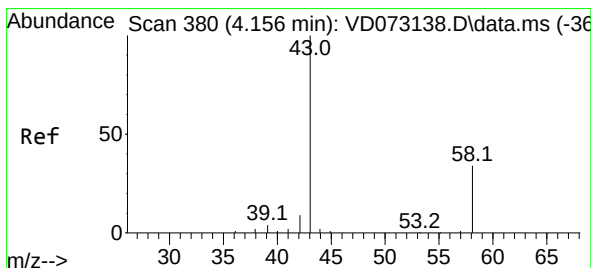
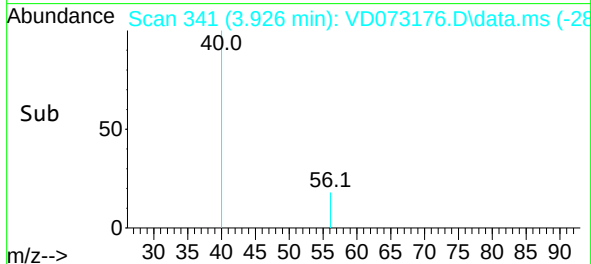
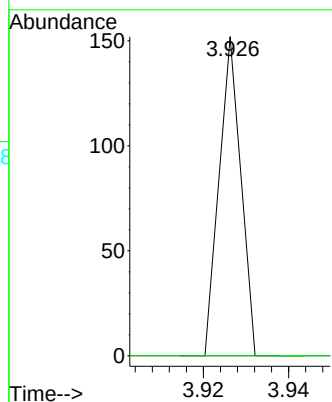
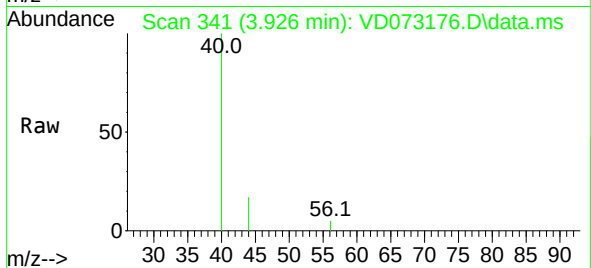




#13
Acrolein
Concen: Below Cal
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

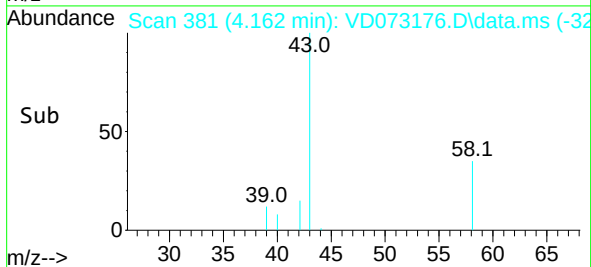
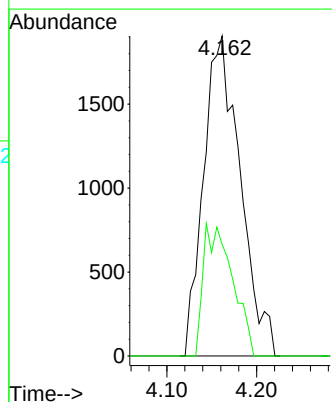
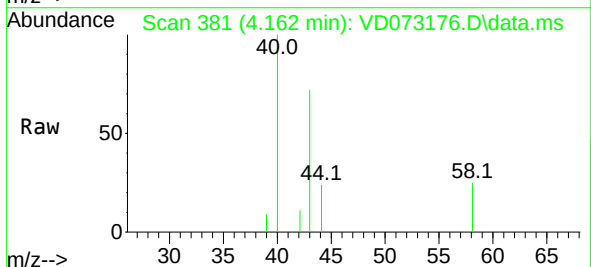
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

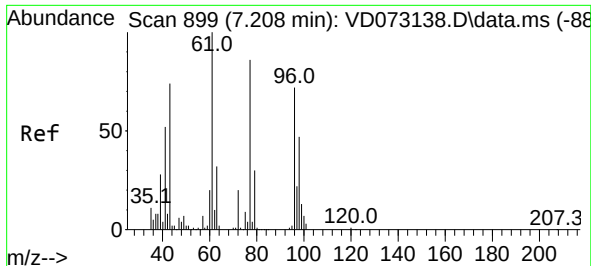
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 17.686 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 43 Resp: 5413
Ion Ratio Lower Upper
43 100
58 34.8 22.1 33.1#

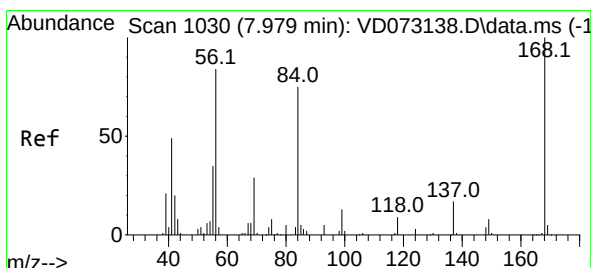
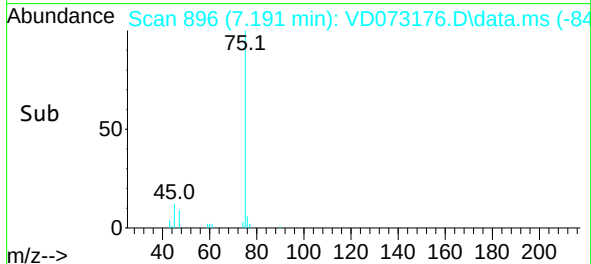
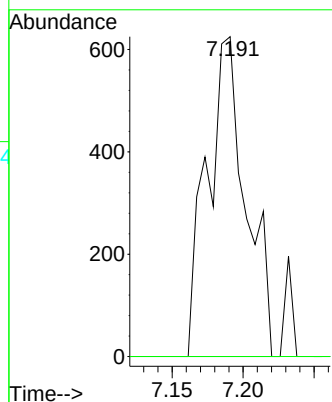
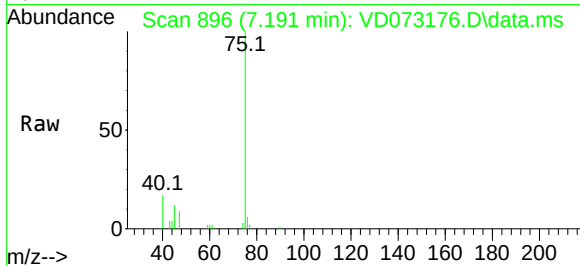




#25
2-Butanone
Concen: 2.651 ug/l
RT: 7.191 min Scan# 899
Delta R.T. -0.017 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

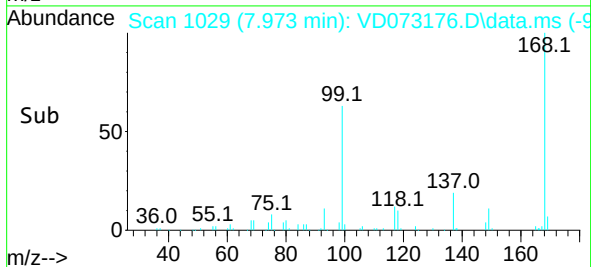
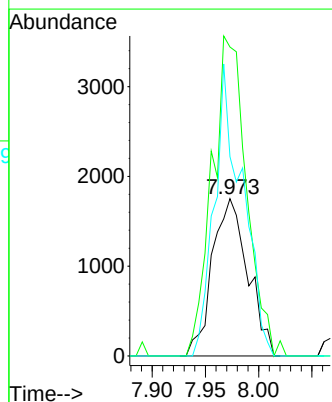
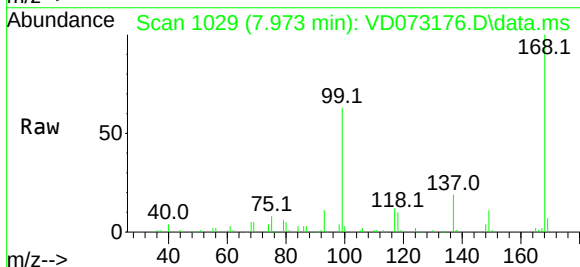
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

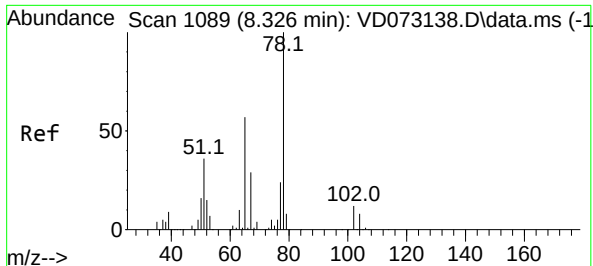
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 56 Resp: 4069
Ion Ratio Lower Upper
56 100
69 196.5 25.4 38.2#
84 126.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 70.182 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073176.D

Acq: 20 May 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

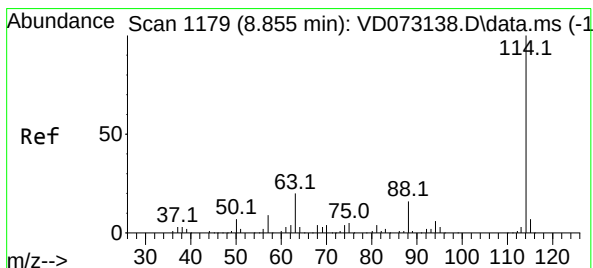
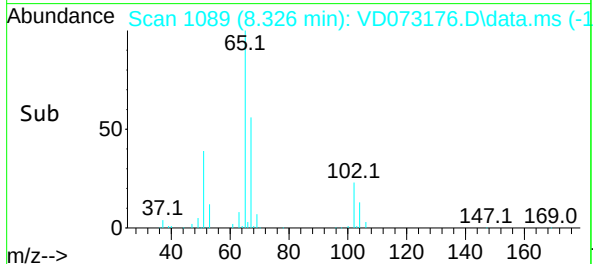
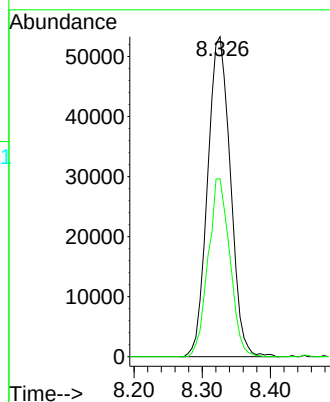
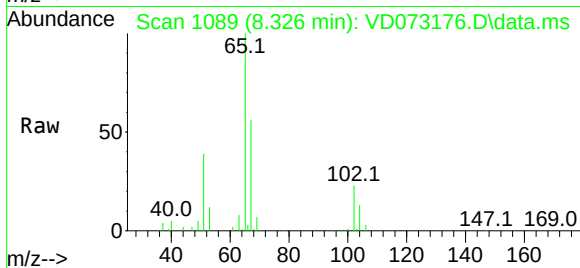
P023-SS001-2430-01

Tgt Ion: 65 Resp: 124009

Ion Ratio Lower Upper

65 100

67 52.9 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: VD073176.D

Acq: 20 May 2022 10:34

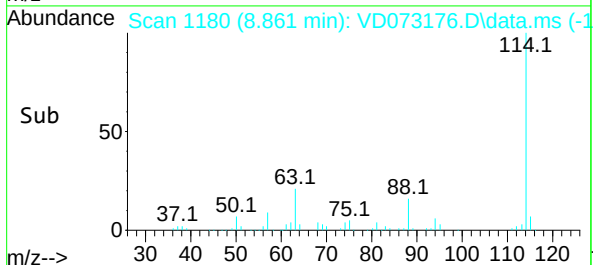
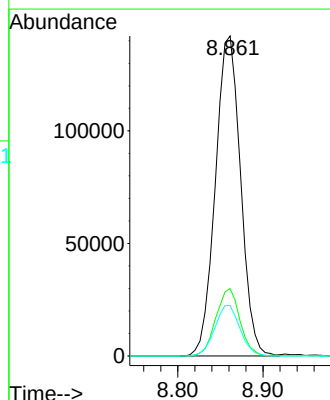
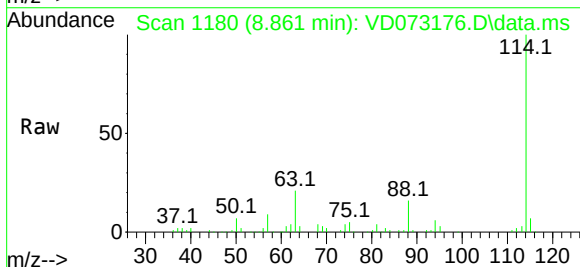
Tgt Ion: 114 Resp: 292226

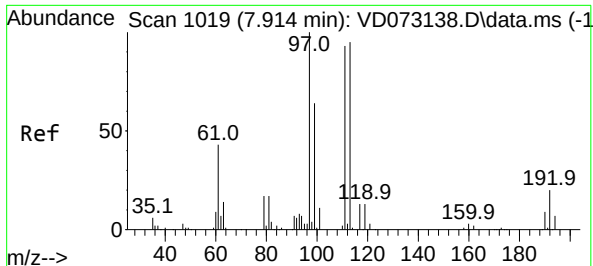
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 57.999 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073176.D

Acq: 20 May 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

P023-SS001-2430-01

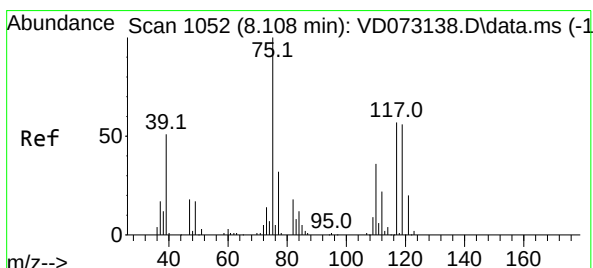
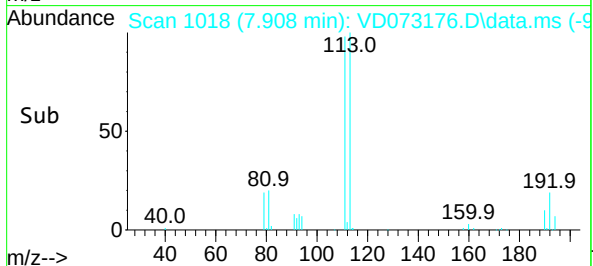
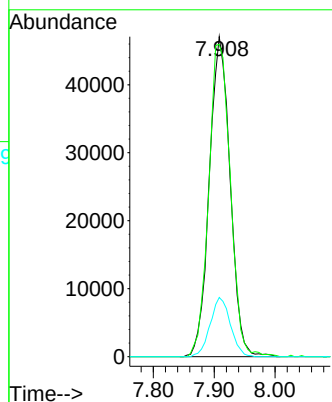
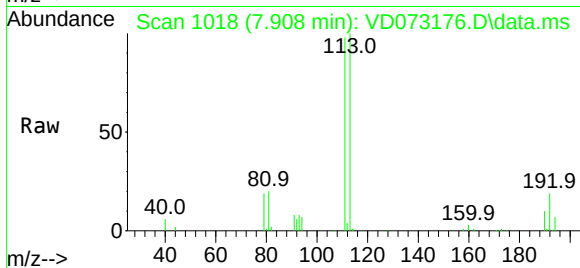
Tgt Ion:113 Resp: 111840

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.845 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073176.D

Acq: 20 May 2022 10:34

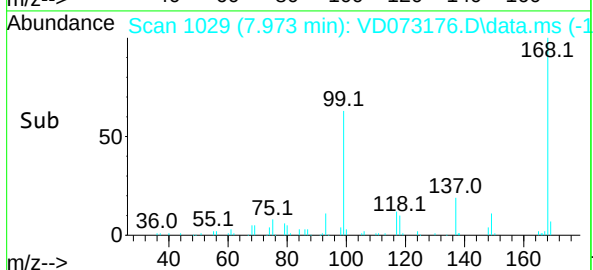
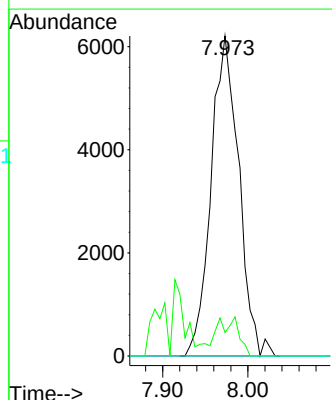
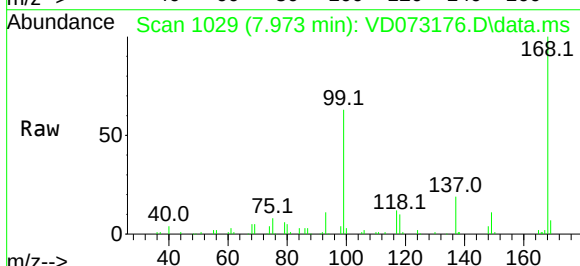
Tgt Ion: 75 Resp: 14051

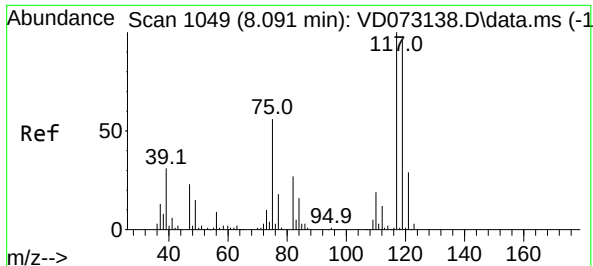
Ion Ratio Lower Upper

75 100

110 2.4 16.4 49.1#

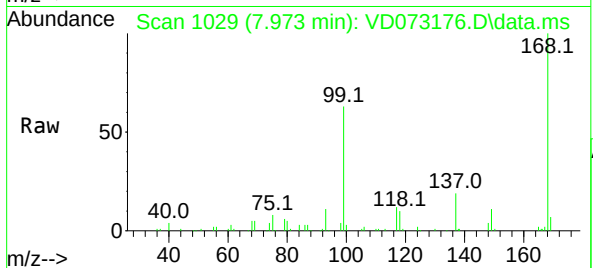
77 0.0 24.2 36.2#



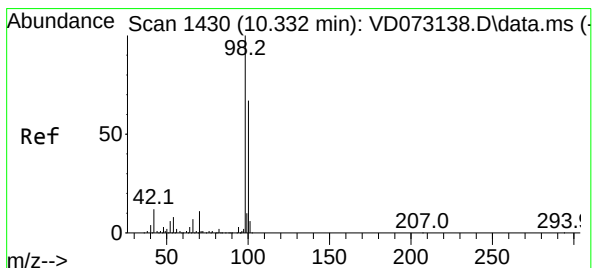
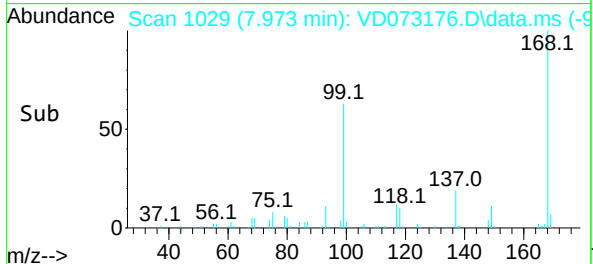
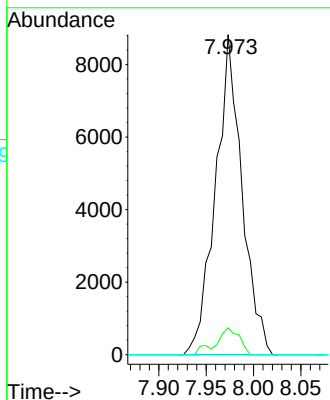


#38
Carbon Tetrachloride
Concen: 5.828 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

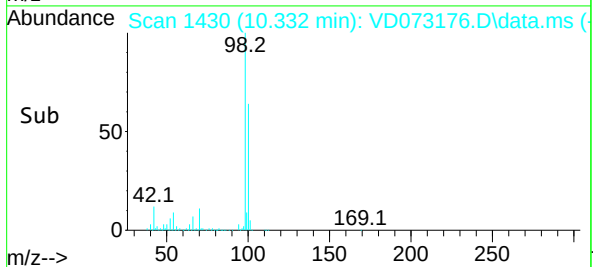
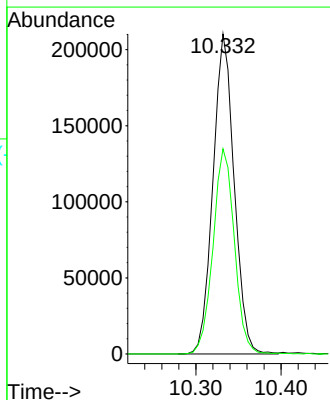
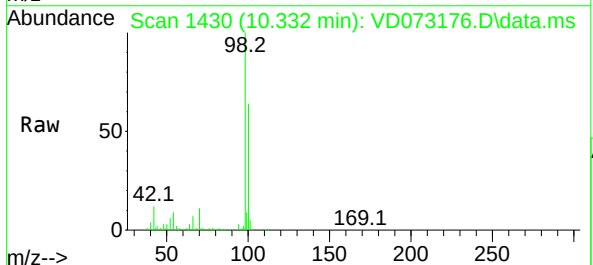


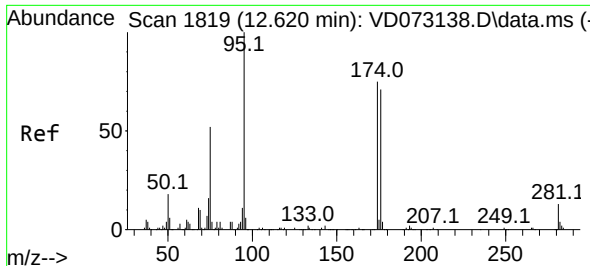
Tgt Ion:117 Resp: 17132
Ion Ratio Lower Upper
117 100
119 8.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.224 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 98 Resp: 364109
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6

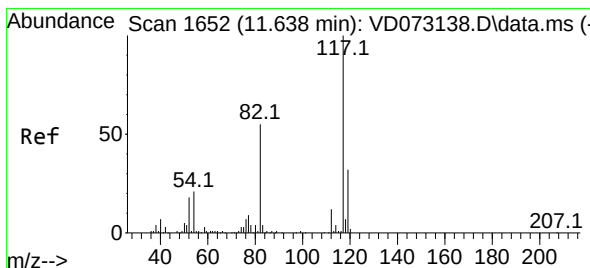
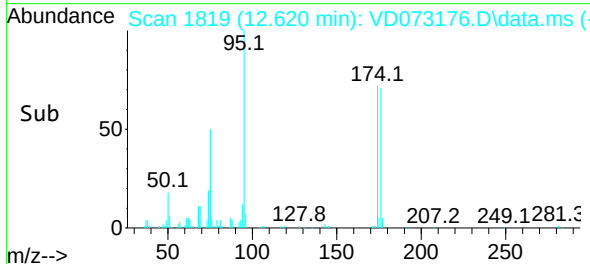
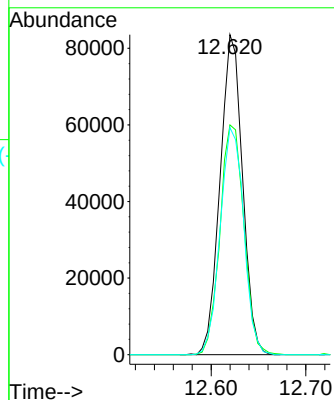
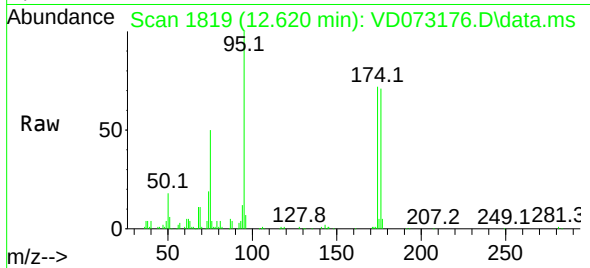




#62
4-Bromofluorobenzene
Concen: 55.279 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

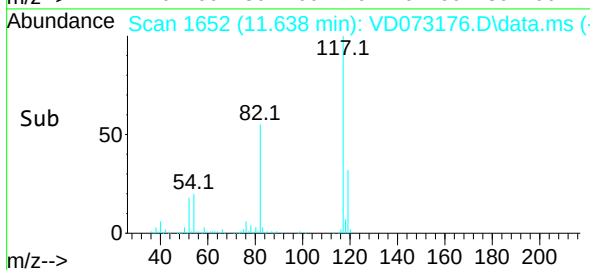
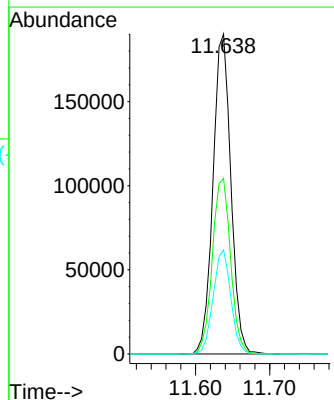
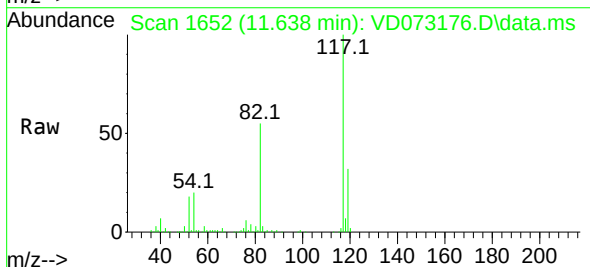
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

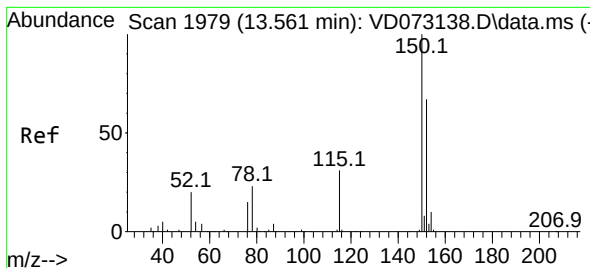
Tgt Ion: 95 Resp: 137896
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 74.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 117 Resp: 318776
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 32.4 26.6 40.0

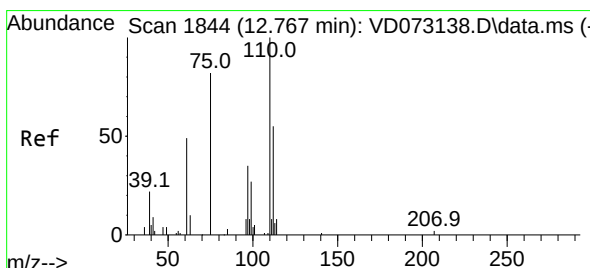
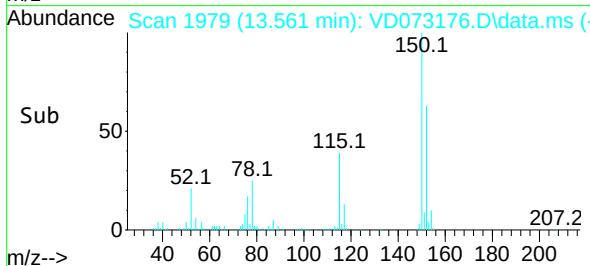
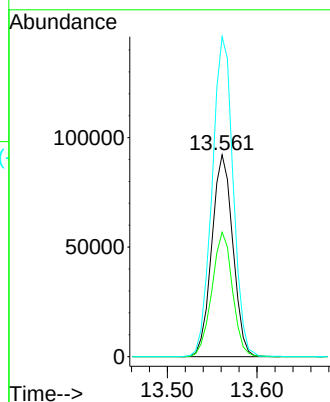
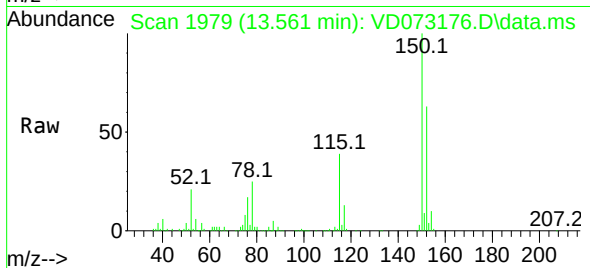




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

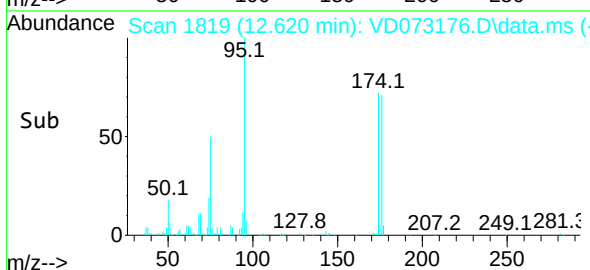
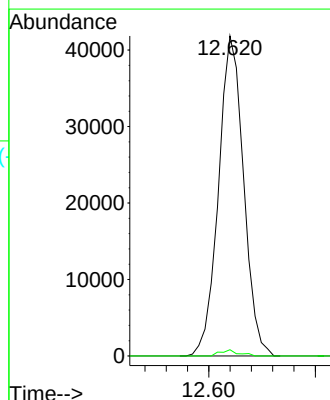
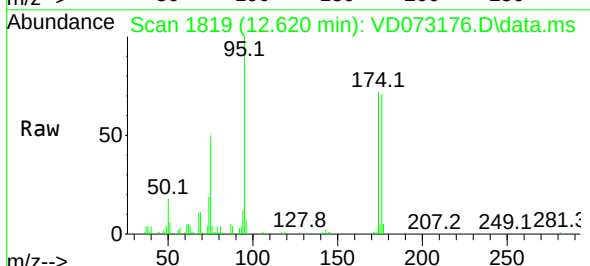
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

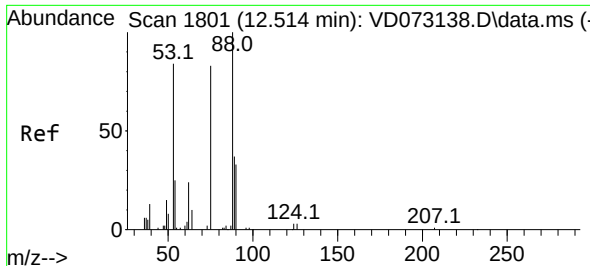
Tgt Ion:152 Resp: 150101
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 158.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.452 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 75 Resp: 68412
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

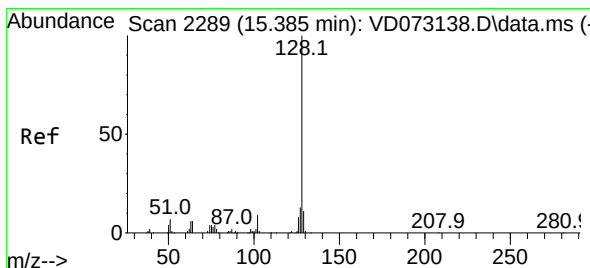
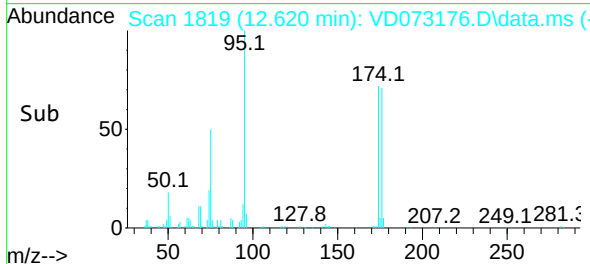
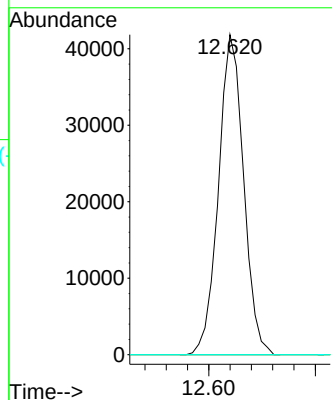
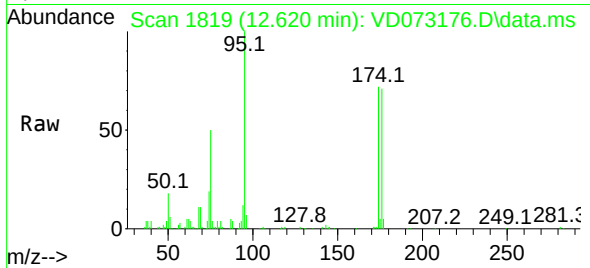




#81
trans-1,4-Dichloro-2-butene
Concen: 111.517 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

Tgt Ion: 75 Resp: 68412
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.575 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 128 Resp: 175
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

