

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073377.D
 Acq On : 25 May 2022 23:07
 Operator : VA/SY
 Sample : N2886-01RE
 Misc : 4.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P014-SS002-2430-01

Quant Time: May 26 02:27:55 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)

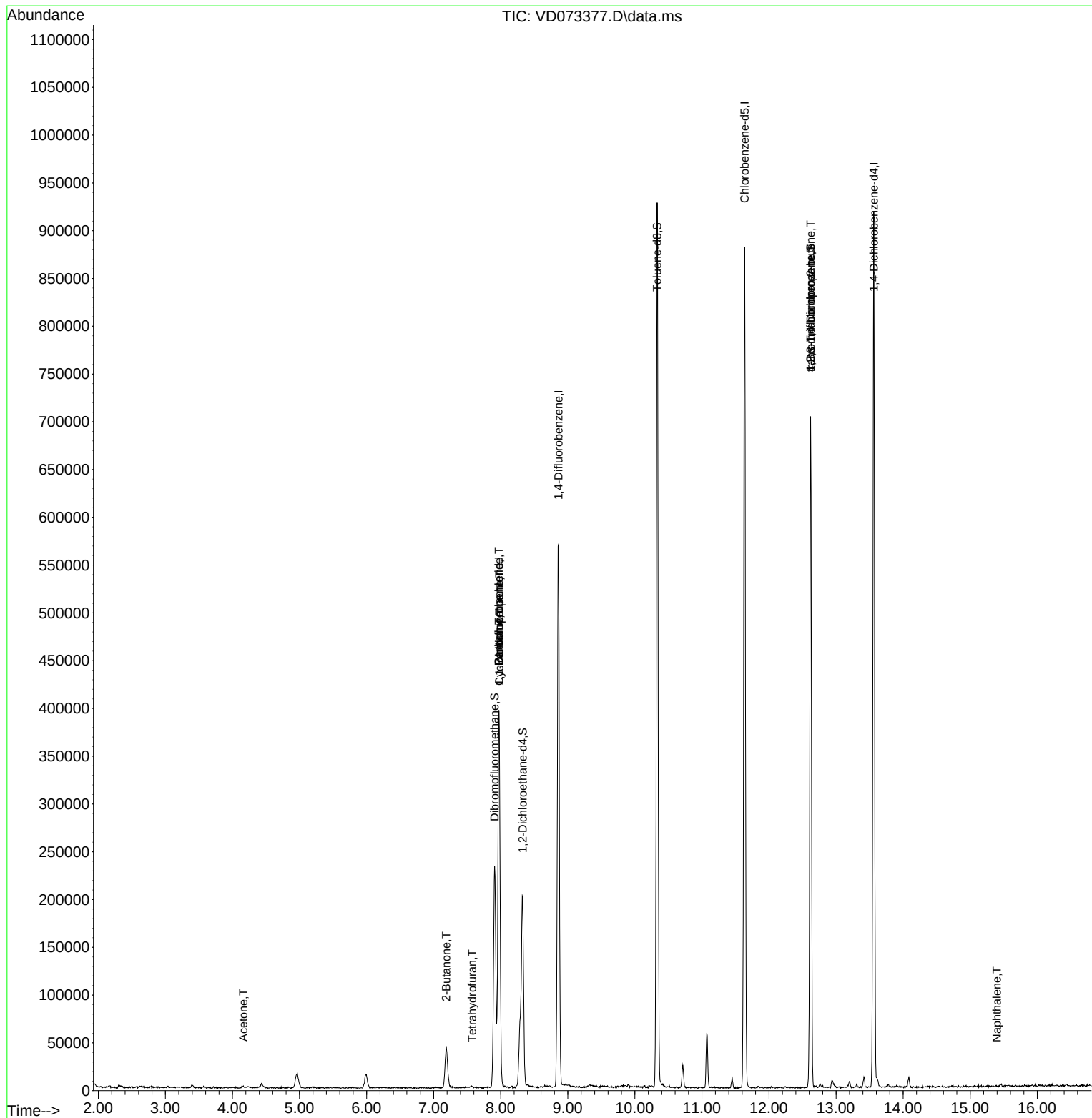
Internal Standards						
1) Pentafluorobenzene	7.973	168	287136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	502115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	534777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152430	48.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.080%
35) Dibromofluoromethane	7.909	113	171425	51.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.480%
50) Toluene-d8	10.332	98	622113	50.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.620	95	228719	53.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.720%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	116	Below Cal	#	14
16) Acetone	4.162	43	2474	4.501	ug/l #	78
20) Methylene Chloride	4.973	84	12024	Below Cal	#	72
25) 2-Butanone	7.185	43	1744	2.169	ug/l #	52
29) Tetrahydrofuran	7.573	42	787	1.514	ug/l #	51
31) Cyclohexane	7.979	56	7208	1.300	ug/l #	18
36) 1,1-Dichloropropene	7.979	75	23113	4.638	ug/l #	52
38) Carbon Tetrachloride	7.973	117	30812	6.100	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	116551	48.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	116551	115.567	ug/l #	7
95) Naphthalene	15.396	128	154	3.559	ug/l #	70

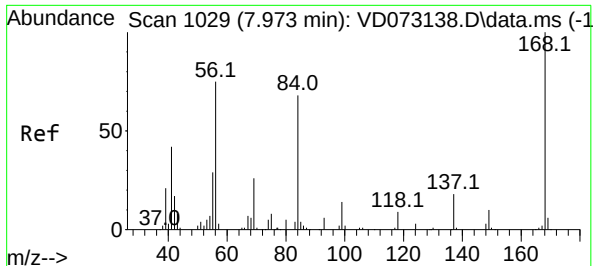
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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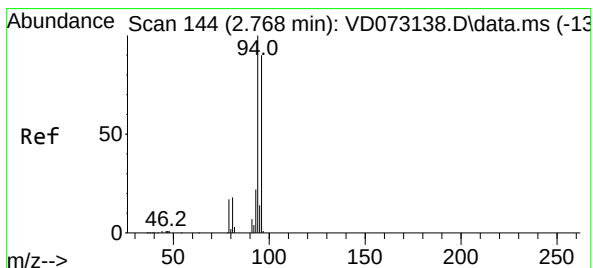
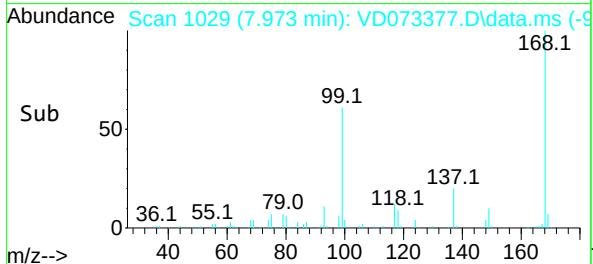
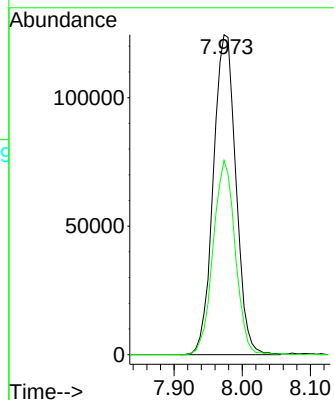
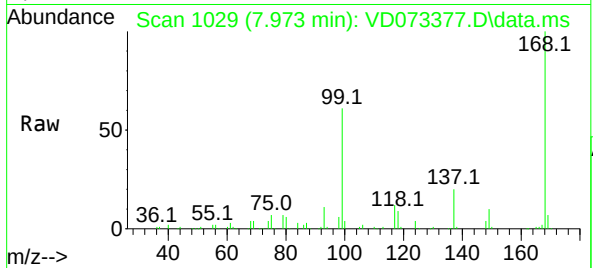




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073377.D
Acq: 25 May 2022 23:07

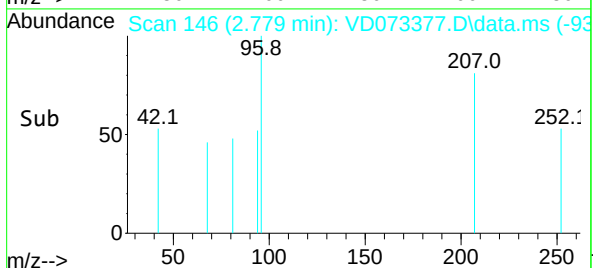
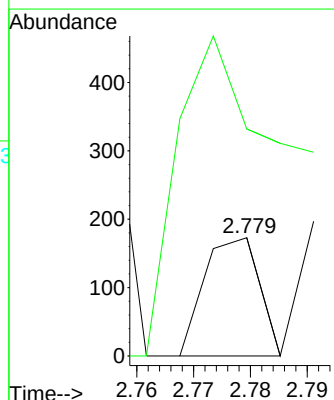
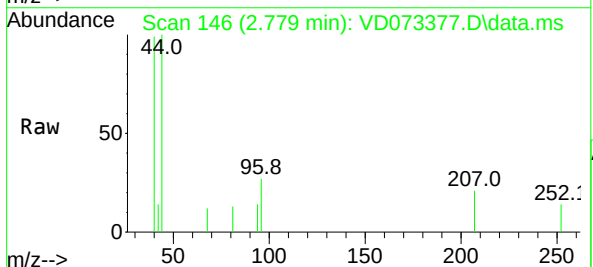
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

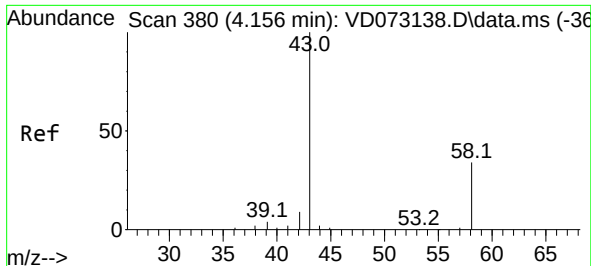
Tgt Ion:168 Resp: 287136
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073377.D
Acq: 25 May 2022 23:07

Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 12.1 77.6 116.4#





#16

Acetone

Concen: 4.501 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD073377.D

Acq: 25 May 2022 23:07

Instrument :

MSVOA_D

ClientSampleId :

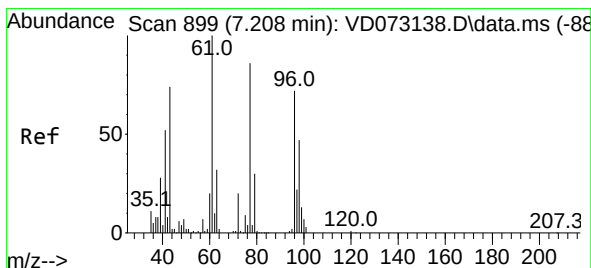
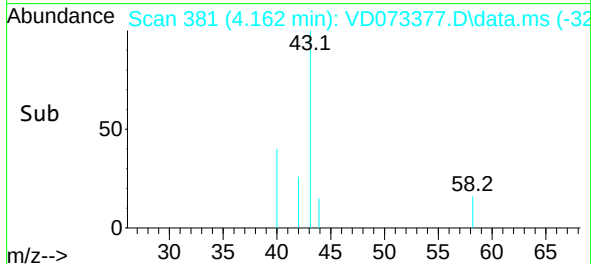
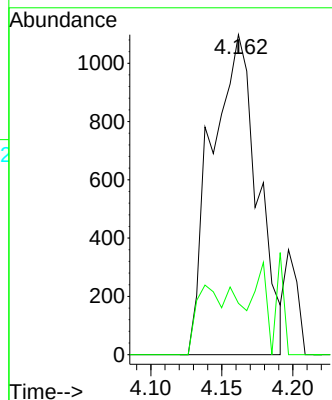
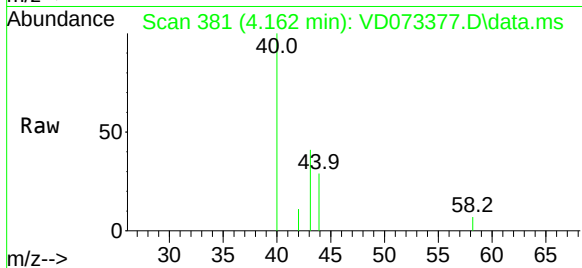
P014-SS002-2430-01

Tgt Ion: 43 Resp: 2474

Ion Ratio Lower Upper

43 100

58 16.0 22.1 33.1#



#25

2-Butanone

Concen: 2.169 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.023 min

Lab File: VD073377.D

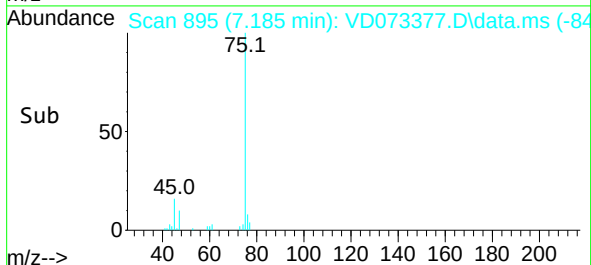
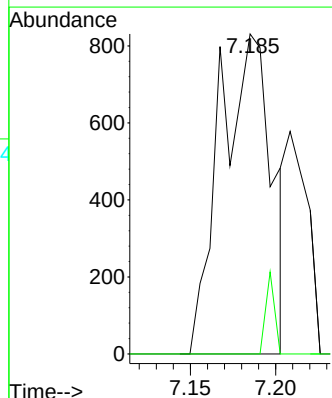
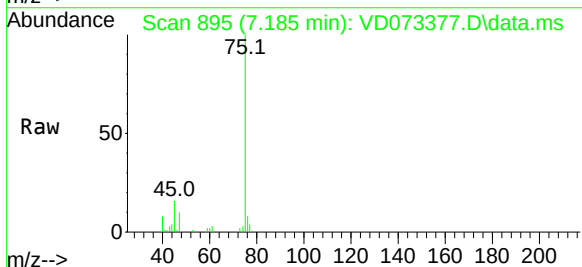
Acq: 25 May 2022 23:07

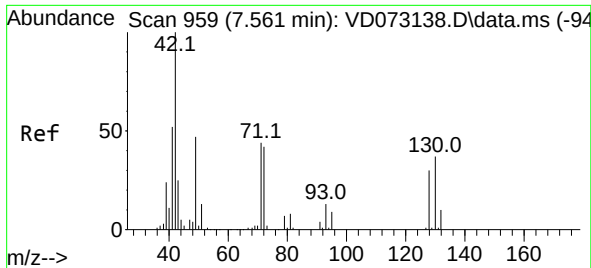
Tgt Ion: 43 Resp: 1744

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#





#29

Tetrahydrofuran

Concen: 1.514 ug/l

RT: 7.573 min Scan# 90

Delta R.T. 0.012 min

Lab File: VD073377.D

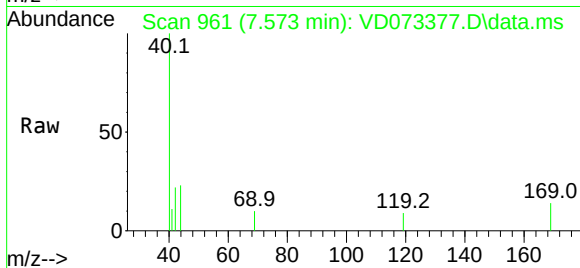
Acq: 25 May 2022 23:07

Instrument :

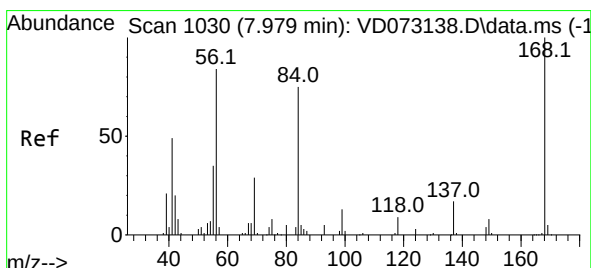
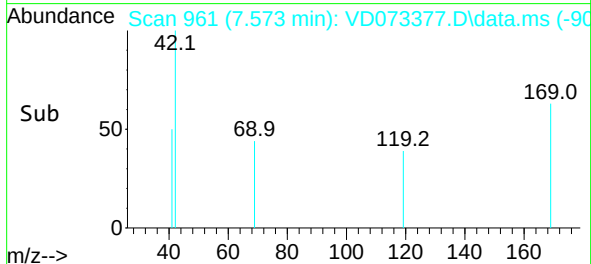
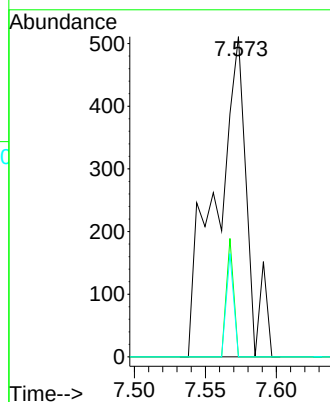
MSVOA_D

ClientSampleId :

P014-SS002-2430-01



Tgt Ion:	42	Resp:	787
Ion Ratio	100	Lower	Upper
72	8.5	30.7	46.1#
71	7.4	28.6	43.0#



#31

Cyclohexane

Concen: 1.300 ug/l

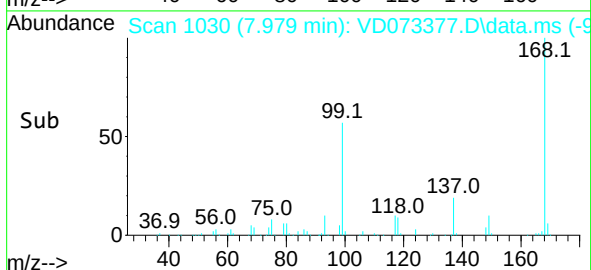
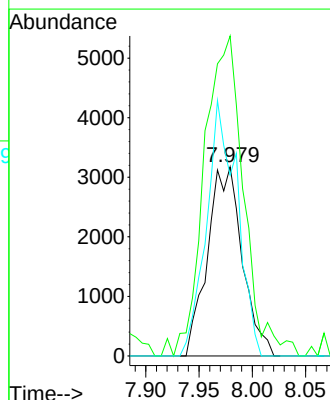
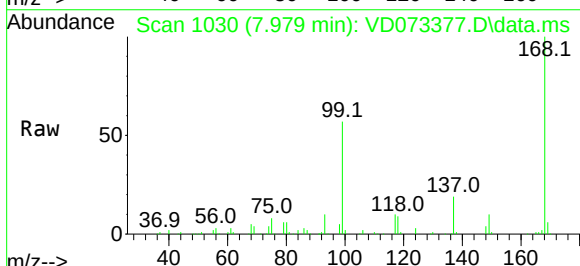
RT: 7.979 min Scan# 1030

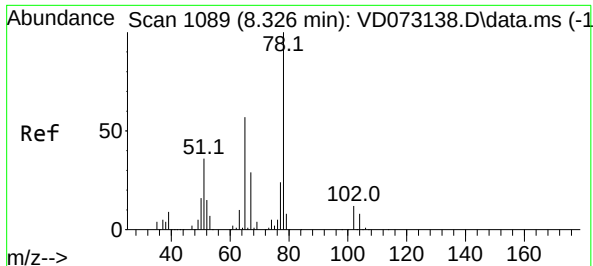
Delta R.T. 0.000 min

Lab File: VD073377.D

Acq: 25 May 2022 23:07

Tgt Ion:	56	Resp:	7208
Ion Ratio	100	Lower	Upper
69	163.4	25.4	38.2#
84	95.6	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.036 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073377.D

Acq: 25 May 2022 23:07

Instrument :

MSVOA_D

ClientSampleId :

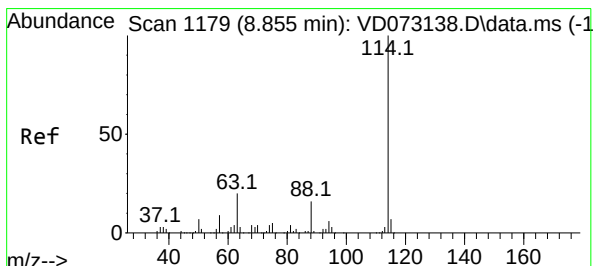
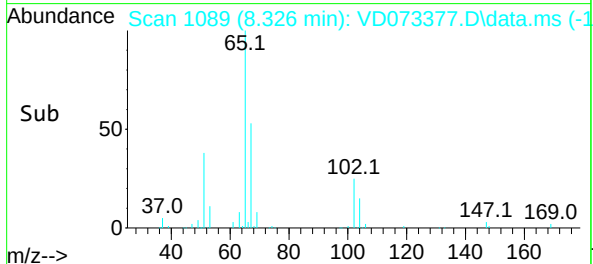
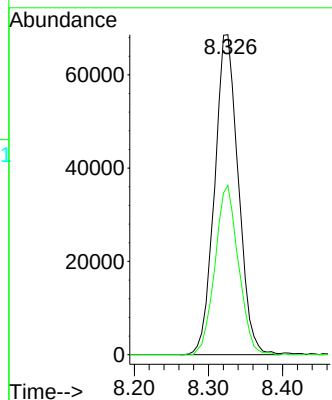
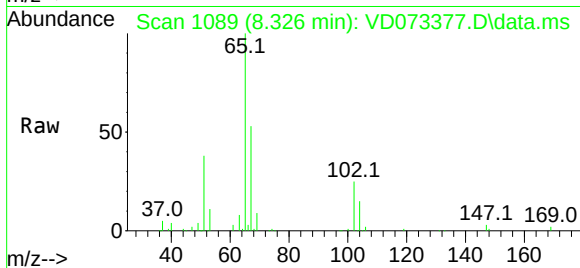
P014-SS002-2430-01

Tgt Ion: 65 Resp: 152430

Ion Ratio Lower Upper

65 100

67 52.3 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: VD073377.D

Acq: 25 May 2022 23:07

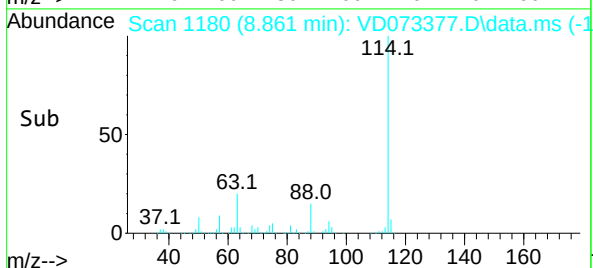
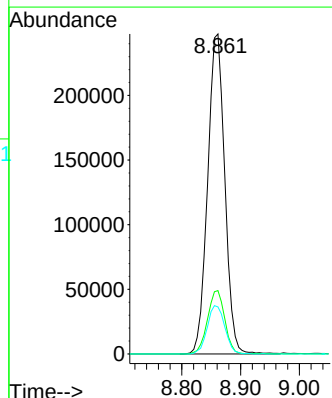
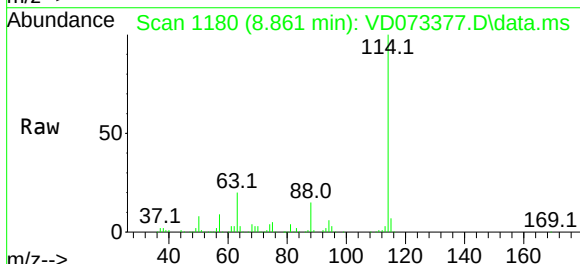
Tgt Ion: 114 Resp: 502115

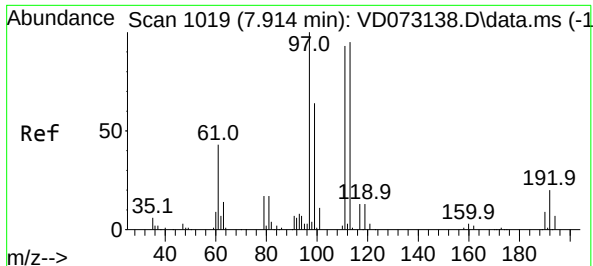
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.739 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073377.D

Acq: 25 May 2022 23:07

Instrument :

MSVOA_D

ClientSampleId :

P014-SS002-2430-01

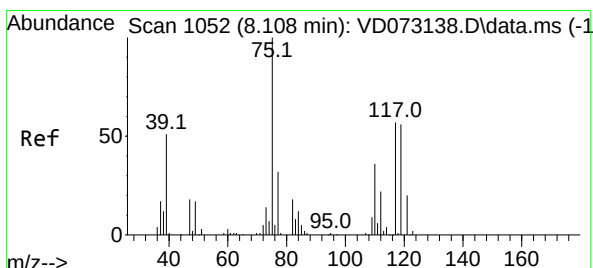
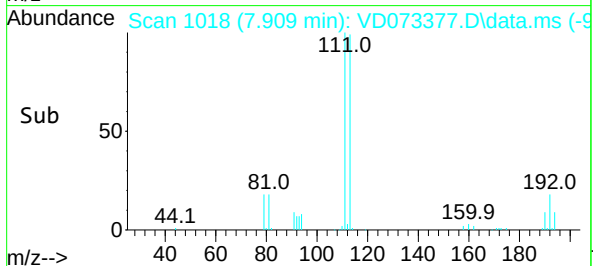
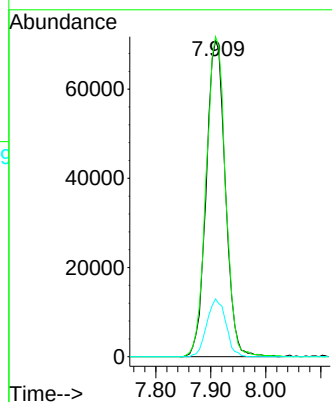
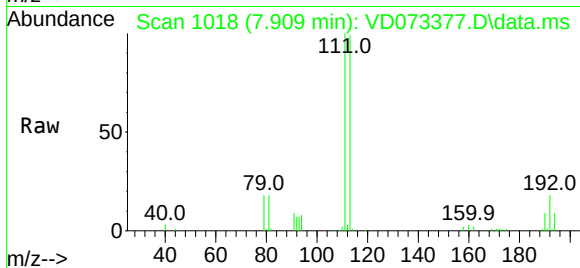
Tgt Ion:113 Resp: 171425

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.638 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD073377.D

Acq: 25 May 2022 23:07

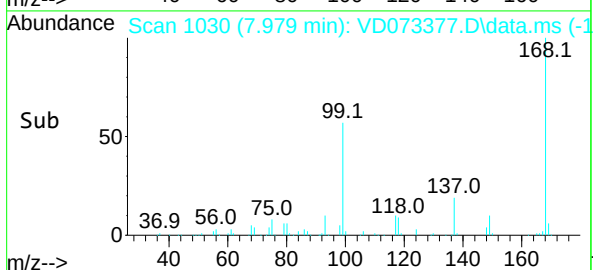
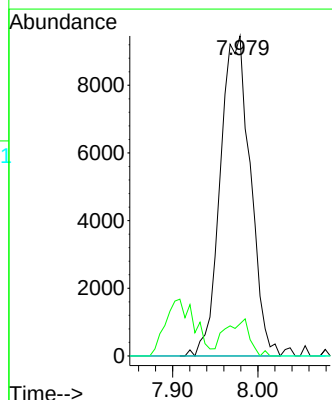
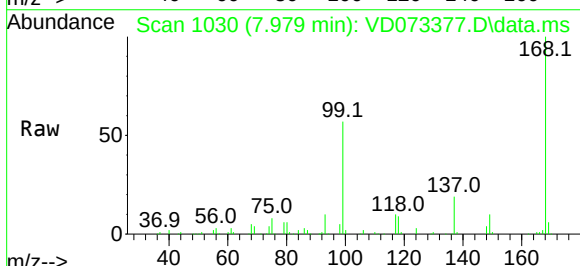
Tgt Ion: 75 Resp: 23113

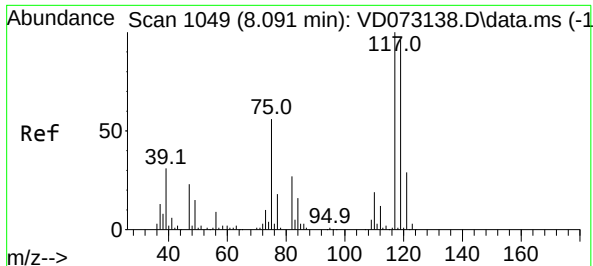
Ion Ratio Lower Upper

75 100

110 9.6 16.4 49.1#

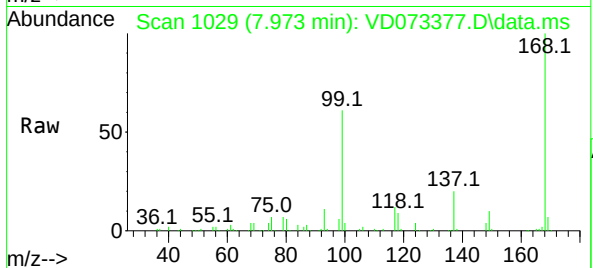
77 0.0 24.2 36.2#



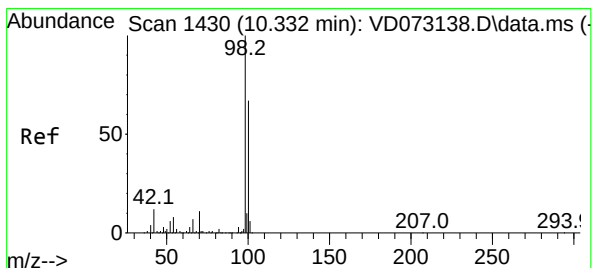
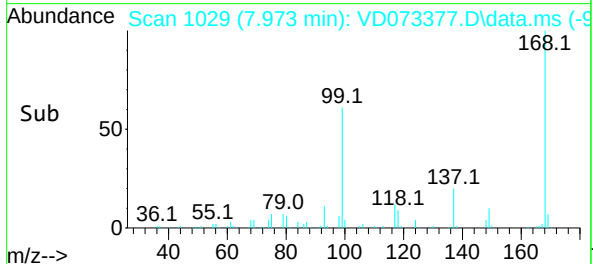
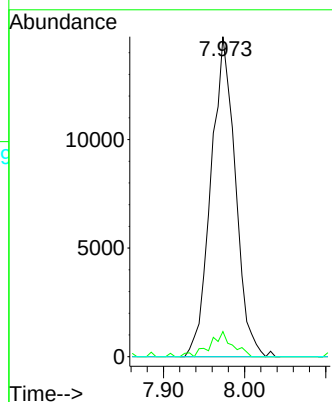


#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073377.D
Acq: 25 May 2022 23:07

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

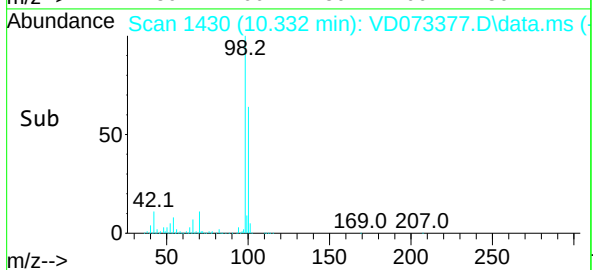
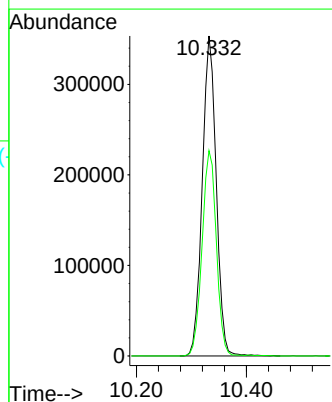
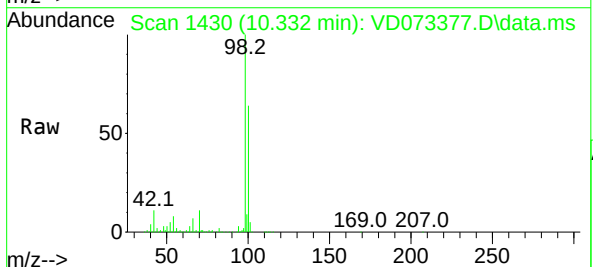


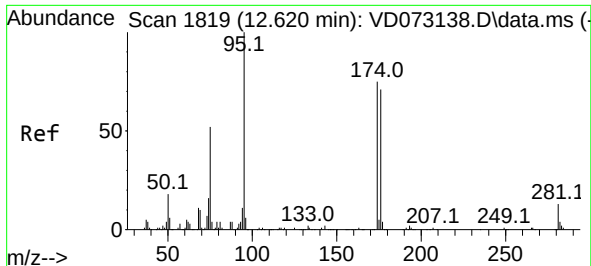
Tgt Ion:117 Resp: 30812
Ion Ratio Lower Upper
117 100
119 7.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.936 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073377.D
Acq: 25 May 2022 23:07

Tgt Ion: 98 Resp: 622113
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

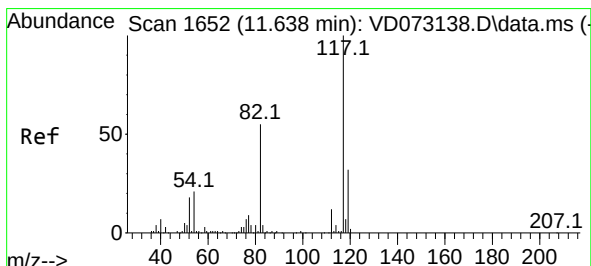
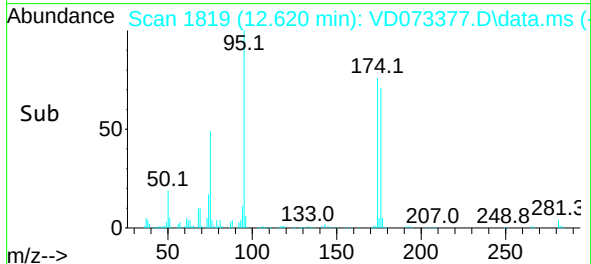
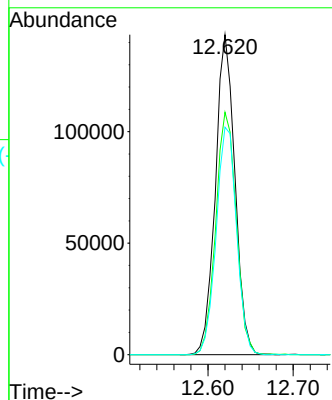
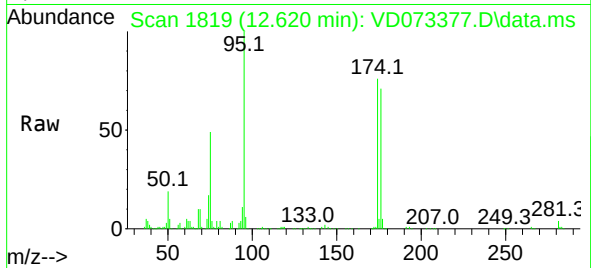




#62
4-Bromofluorobenzene
Concen: 53.361 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073377.D
Acq: 25 May 2022 23:07

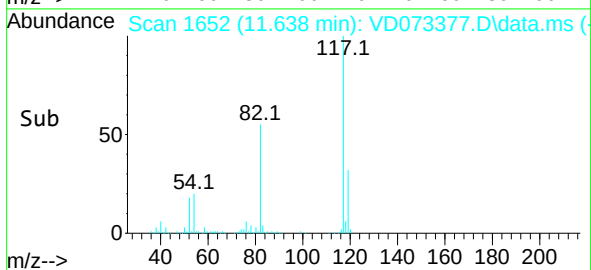
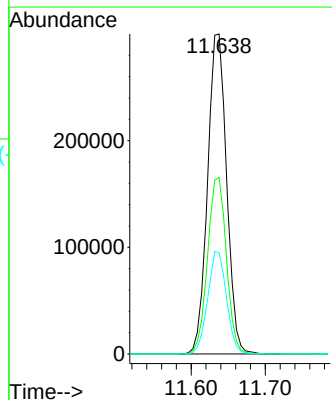
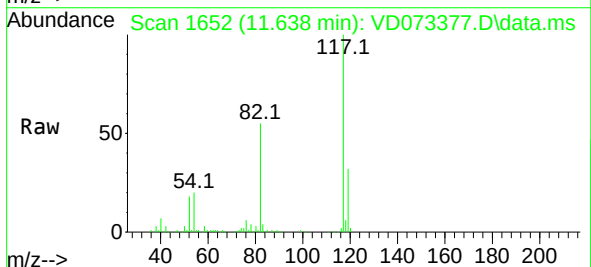
Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

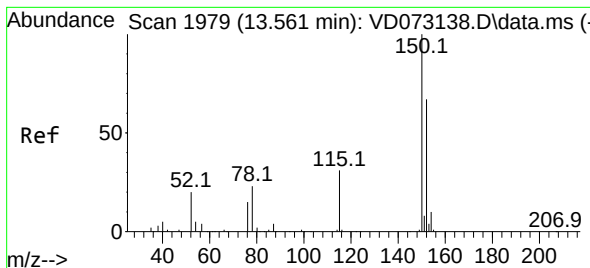
Tgt Ion: 95 Resp: 228719
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073377.D
Acq: 25 May 2022 23:07

Tgt Ion: 117 Resp: 534777
Ion Ratio Lower Upper
117 100
82 55.2 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: VD073377.D

Acq: 25 May 2022 23:07

Instrument :

MSVOA_D

ClientSampleId :

P014-SS002-2430-01

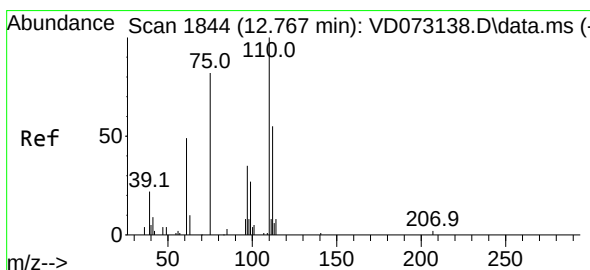
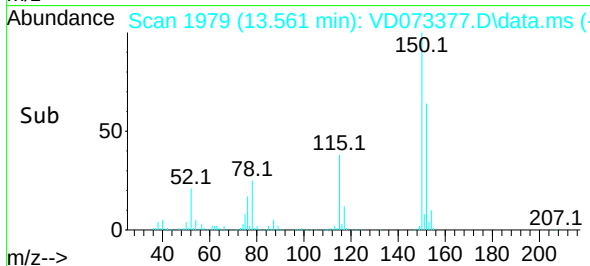
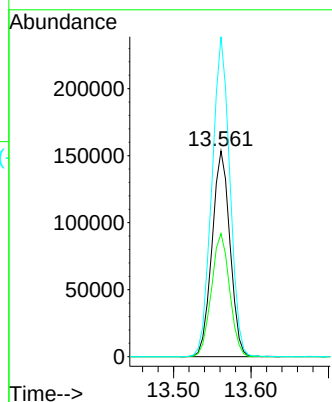
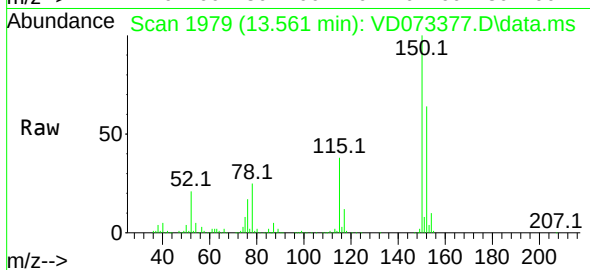
Tgt Ion:152 Resp: 246759

Ion Ratio Lower Upper

152 100

115 60.4 31.3 93.8

150 155.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 48.139 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073377.D

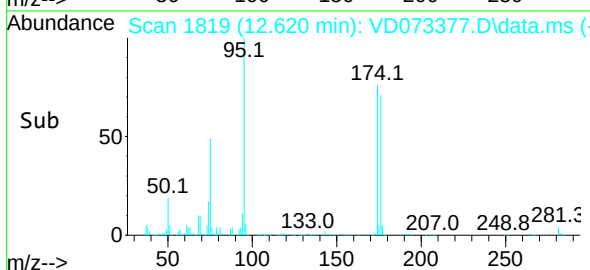
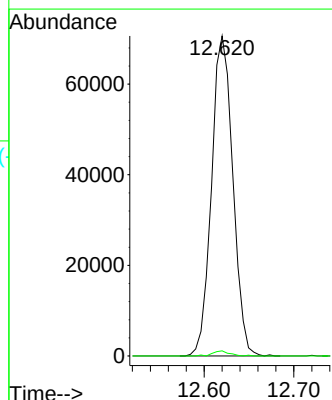
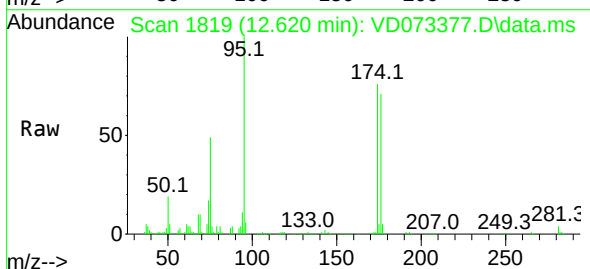
Acq: 25 May 2022 23:07

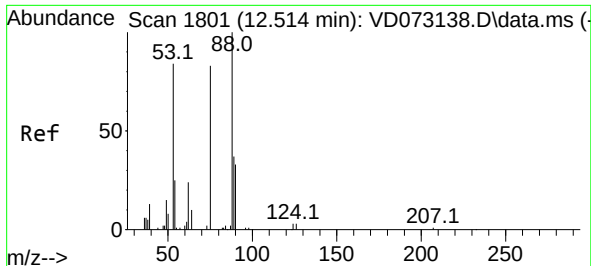
Tgt Ion: 75 Resp: 116551

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

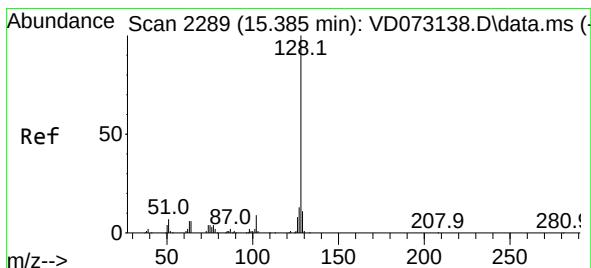
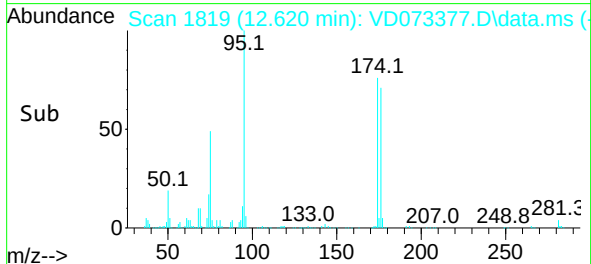
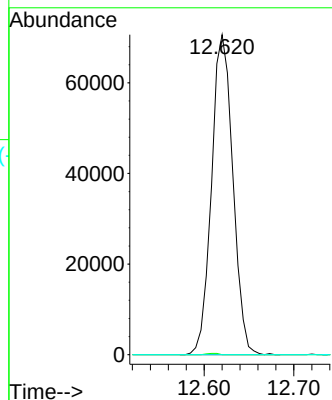
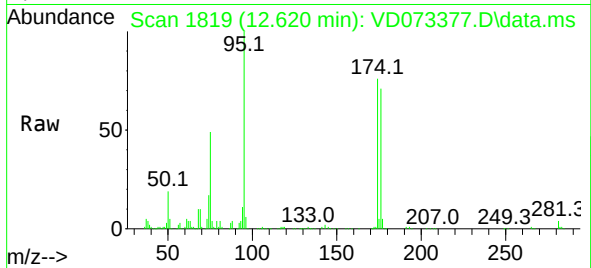




#81
trans-1,4-Dichloro-2-butene
Concen: 115.567 ug/l
RT: 12.620 min Scan# 1165
Delta R.T. 0.106 min
Lab File: VD073377.D
Acq: 25 May 2022 23:07

Instrument :
MSVOA_D
ClientSampleId :
P014-SS002-2430-01

Tgt Ion: 75 Resp: 116551
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.559 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.011 min
Lab File: VD073377.D
Acq: 25 May 2022 23:07

Tgt Ion: 128 Resp: 154
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

