

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049572.D
 Acq On : 30 Jun 2022 18:42
 Operator : SY/MD
 Sample : N3554-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-03-70

Quant Time: Jul 01 05:27:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

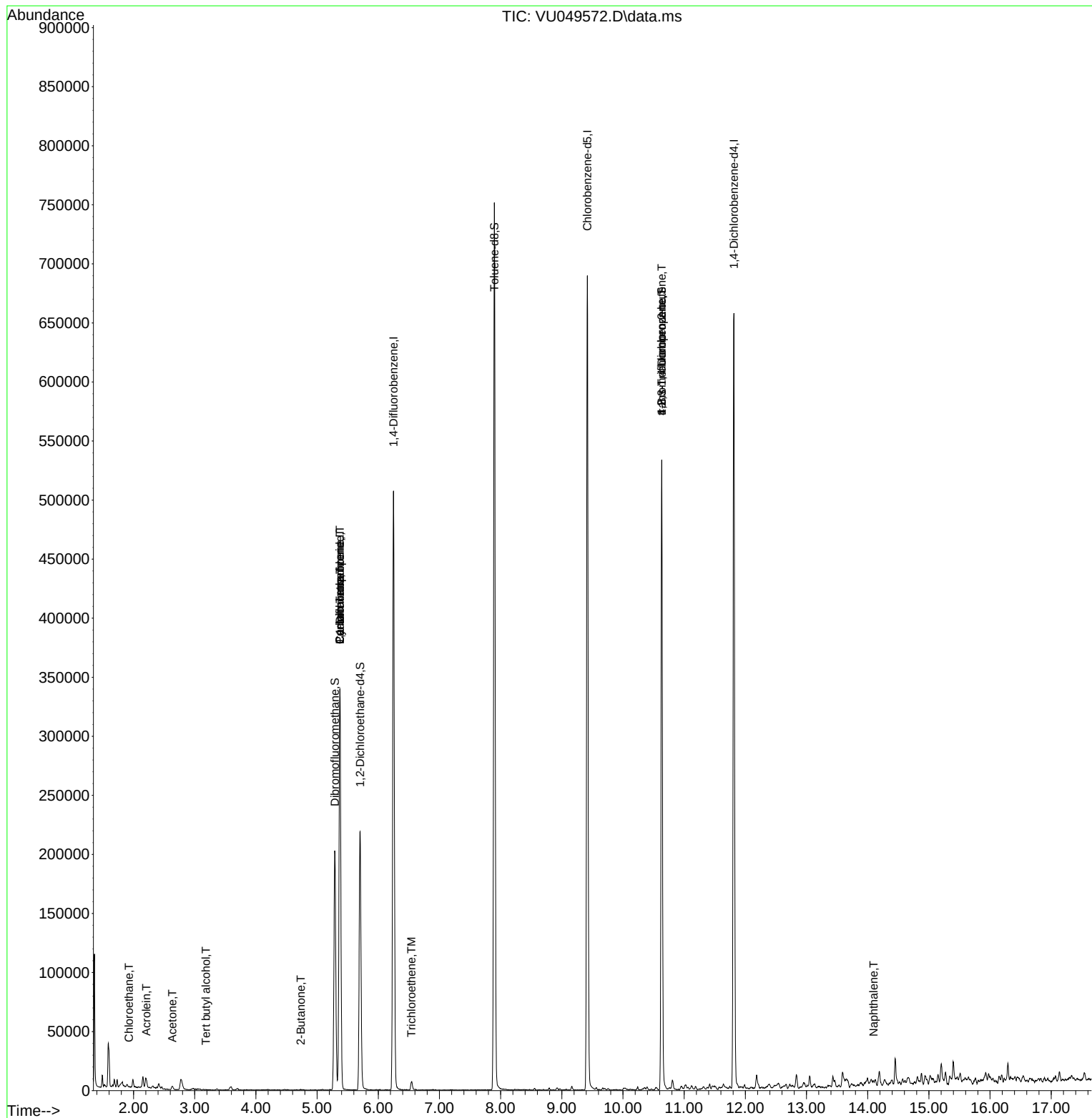
Internal Standards						
1) Pentafluorobenzene	5.372	168	231049	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	405720	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	375341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	171151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	167007	46.934	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.860%
35) Dibromofluoromethane	5.289	113	131237	46.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	7.896	98	495648	48.957	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.920%
62) 4-Bromofluorobenzene	10.633	95	178582	46.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1765	Below Cal		96
6) Chloroethane	1.922	64	43	1.939	ug/l #	44
11) Tert butyl alcohol	3.183	59	255	0.306	ug/l #	37
13) Acrolein	2.212	56	226	0.401	ug/l #	1
16) Acetone	2.633	43	3650	2.034	ug/l	98
20) Methylene Chloride	3.038	84	227	Below Cal	#	54
25) 2-Butanone	4.732	43	598	0.222	ug/l #	45
31) Cyclohexane	5.372	56	5139	0.962	ug/l #	19
36) 1,1-Dichloropropene	5.372	75	19579	4.757	ug/l #	48
38) Carbon Tetrachloride	5.372	117	23948	5.548	ug/l #	15
44) Trichloroethene	6.543	130	2102	0.712	ug/l	100
76) 1,2,3-Trichloropropane	10.633	75	91710	15.807	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.633	75	91710	58.373	ug/l #	15
95) Naphthalene	14.095	128	1333	1.832	ug/l #	78

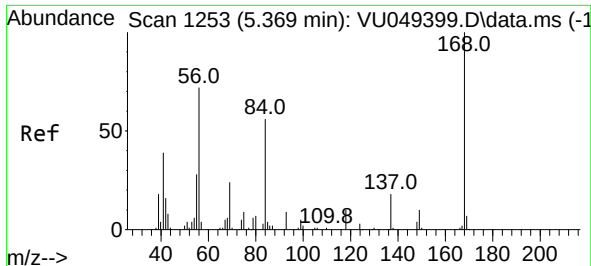
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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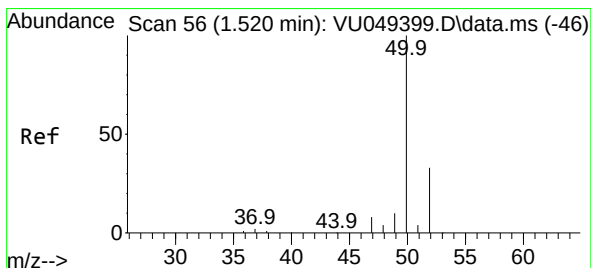
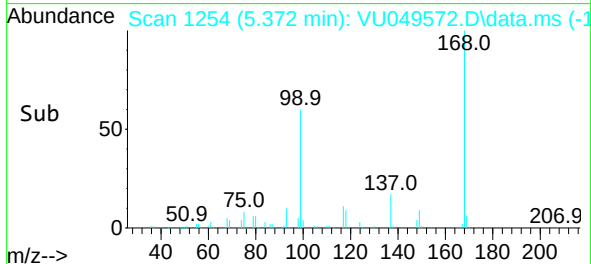
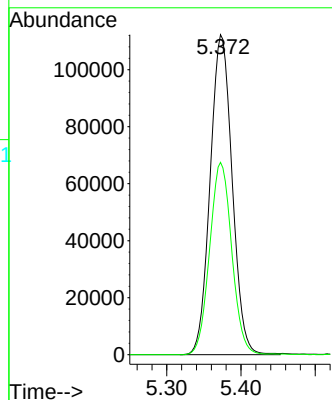
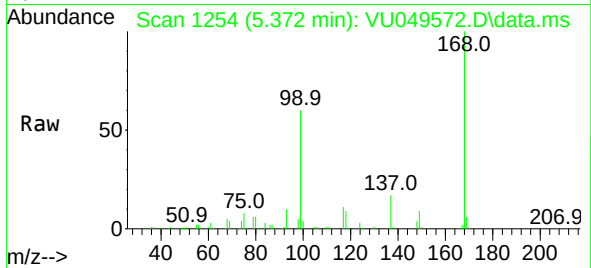




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

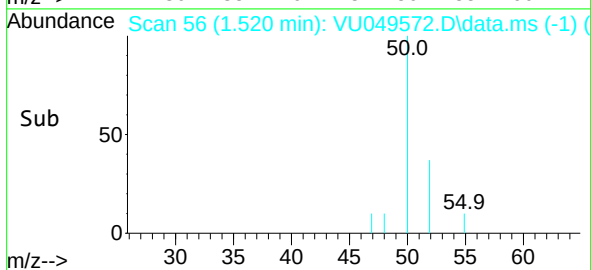
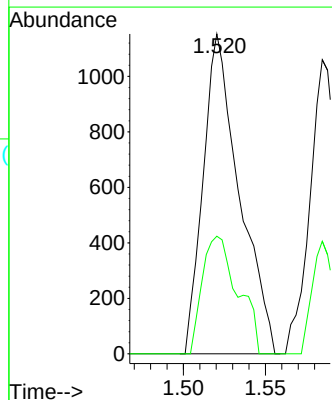
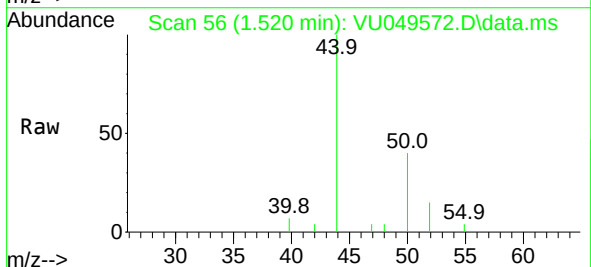
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-70

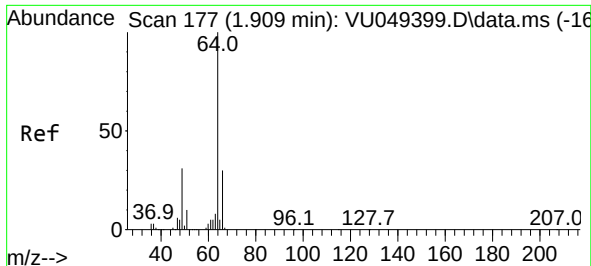
Tgt Ion:168 Resp: 231049
Ion Ratio Lower Upper
168 100
99 60.1 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

Tgt Ion: 50 Resp: 1765
Ion Ratio Lower Upper
50 100
52 36.8 27.4 41.2

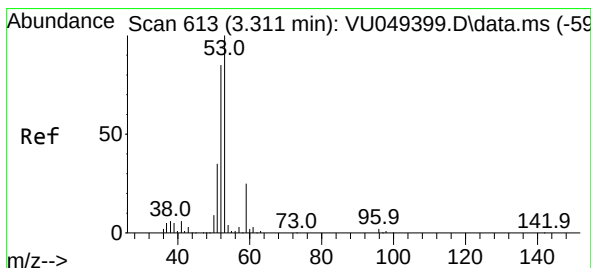
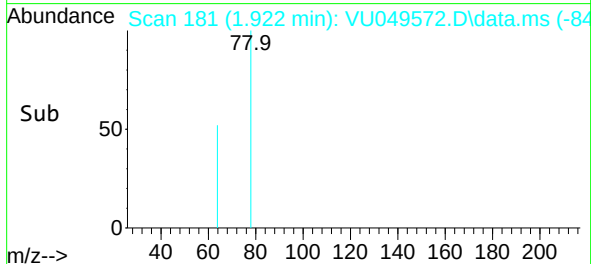
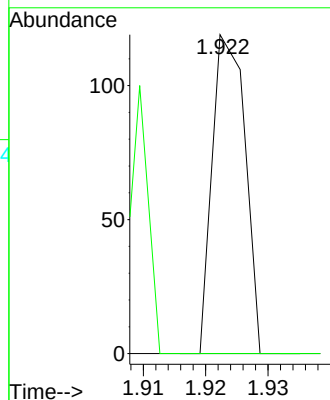
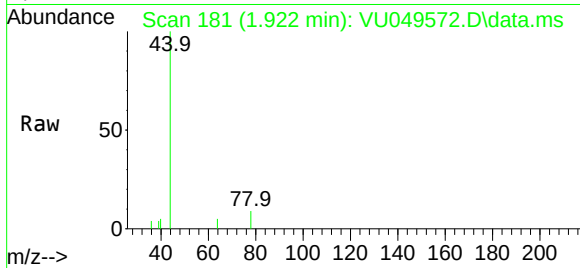




#6
Chloroethane
Concen: 1.939 ug/l
RT: 1.922 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

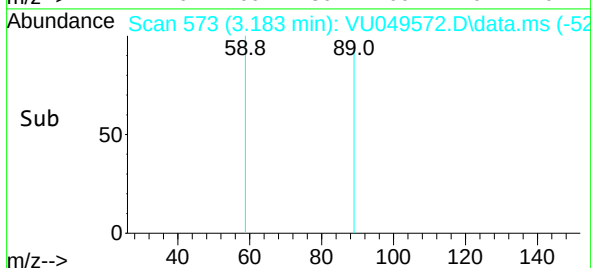
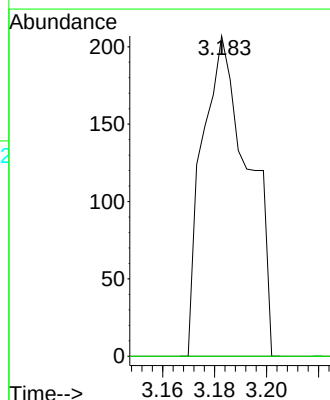
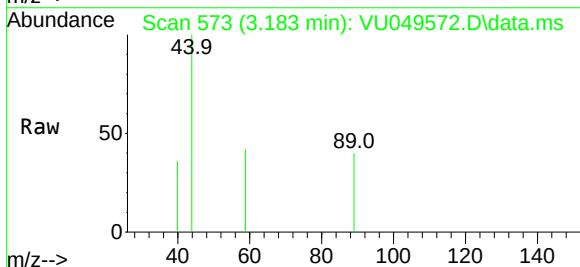
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-70

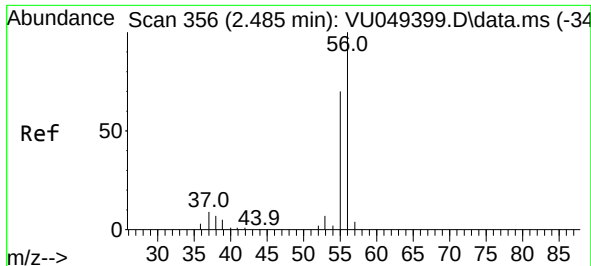
Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.306 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.128 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

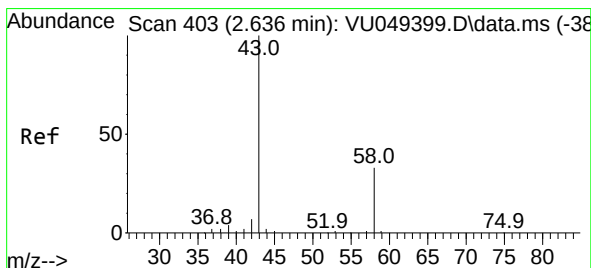
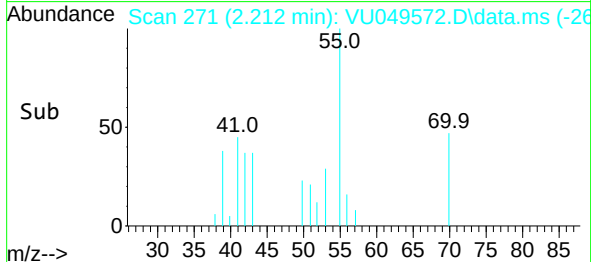
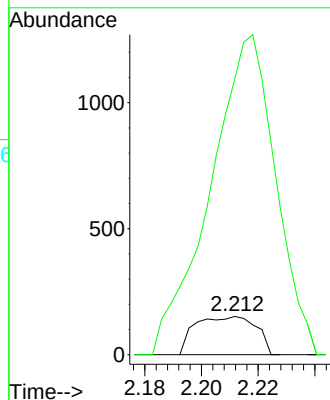
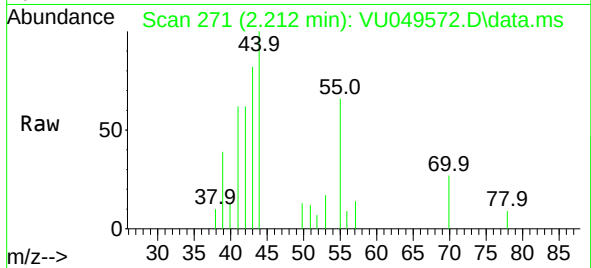




#13
Acrolein
Concen: 0.401 ug/l
RT: 2.212 min Scan# 21
Delta R.T. -0.273 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

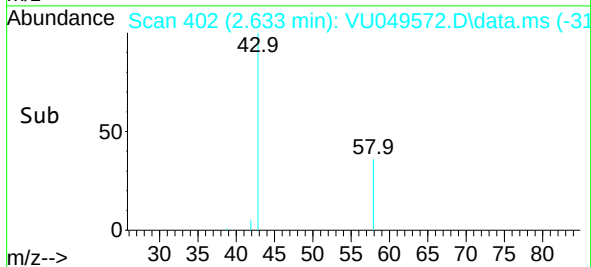
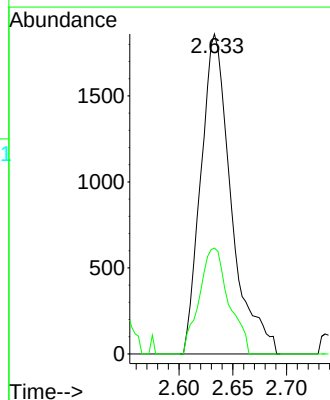
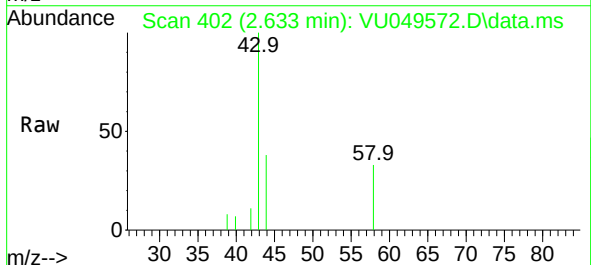
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-70

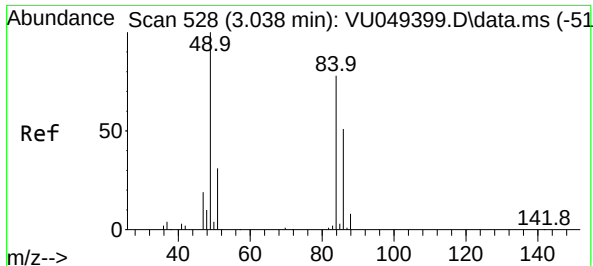
Tgt Ion: 56 Resp: 226
Ion Ratio Lower Upper
56 100
55 847.3 56.6 85.0#



#16
Acetone
Concen: 2.034 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

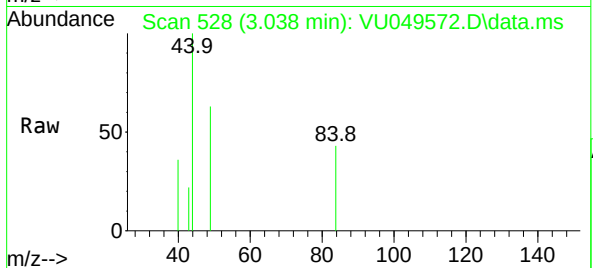
Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
58 33.1 27.5 41.3



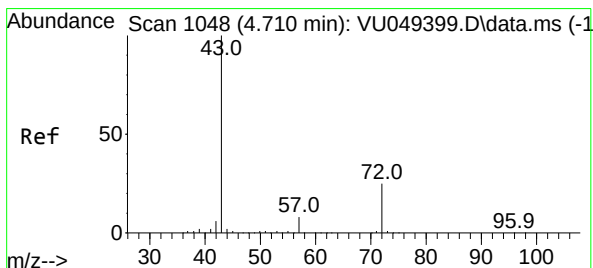
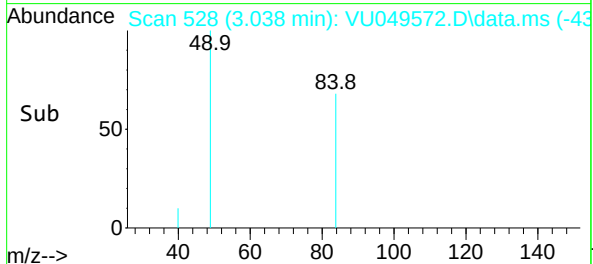
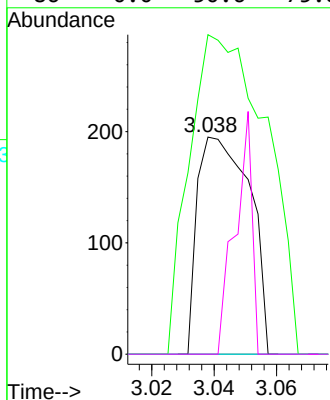


#20
Methylene Chloride
Concen: Below Cal
RT: 3.038 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-70

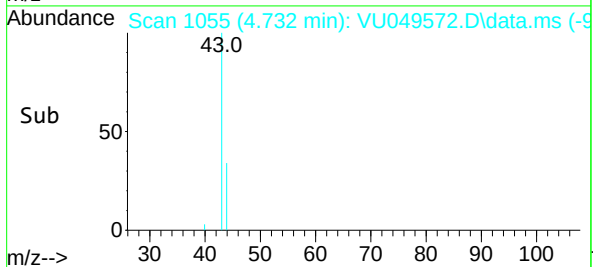
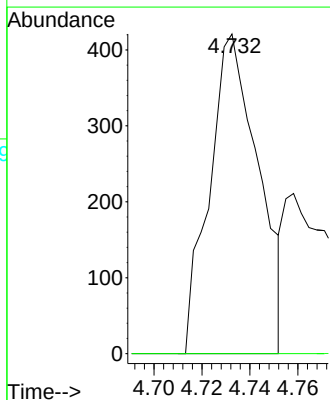
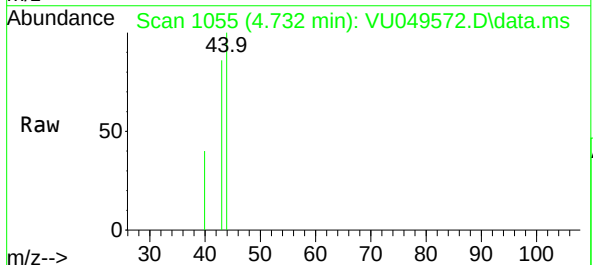


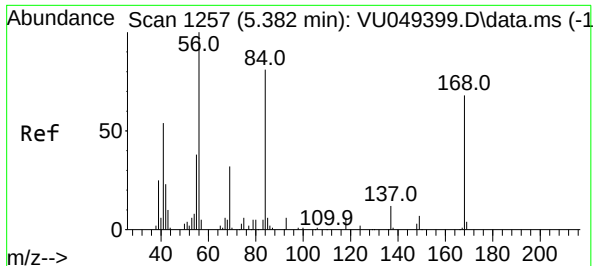
Tgt Ion: 84 Resp: 227
Ion Ratio Lower Upper
84 100
49 86.7 86.6 129.8
51 0.0 26.6 40.0#
86 0.0 50.6 75.8#



#25
2-Butanone
Concen: 0.222 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.023 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#

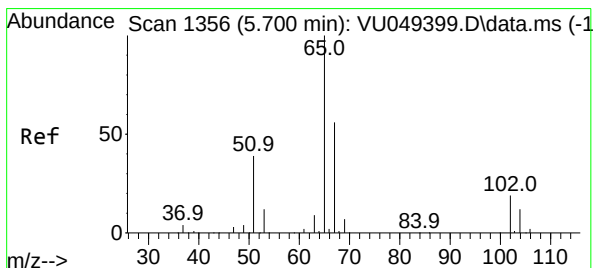
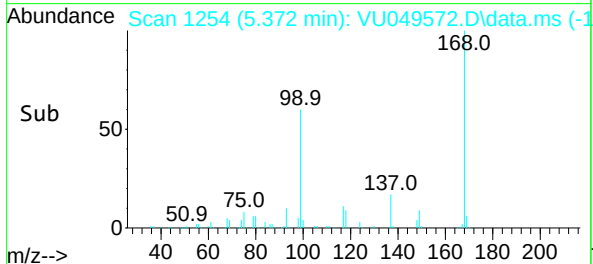
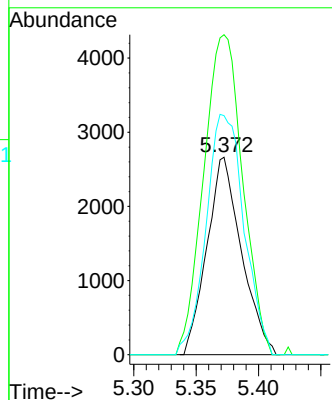
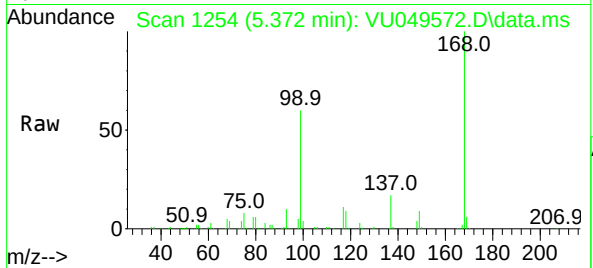




#31
Cyclohexane
Concen: 0.962 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

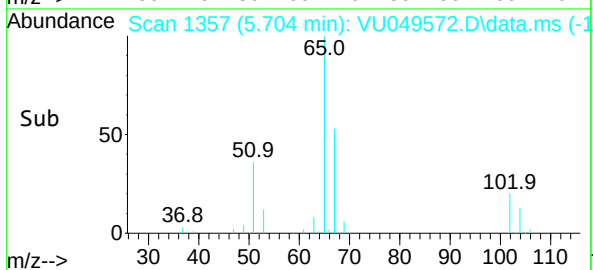
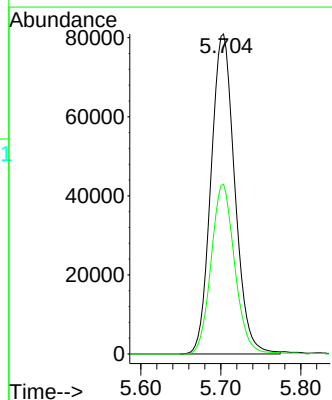
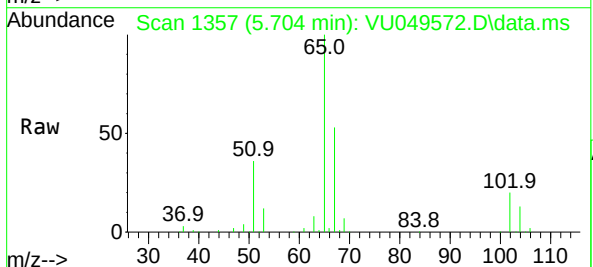
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152140-SPC-03-70

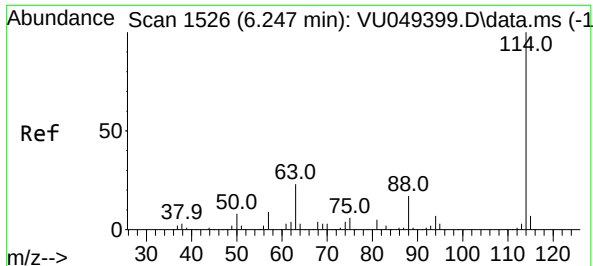
Tgt Ion: 56 Resp: 5139
Ion Ratio Lower Upper
56 100
69 162.1 27.8 41.8#
84 121.1 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 46.934 ug/l
RT: 5.704 min Scan# 1357
Delta R.T. 0.004 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

Tgt Ion: 65 Resp: 167007
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 114

Delta R.T. 0.004 min

Lab File: VU049572.D

Acq: 30 Jun 2022 18:42

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-03-70

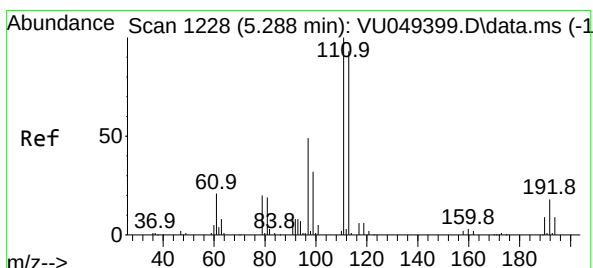
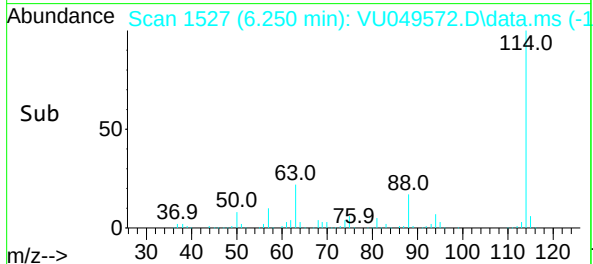
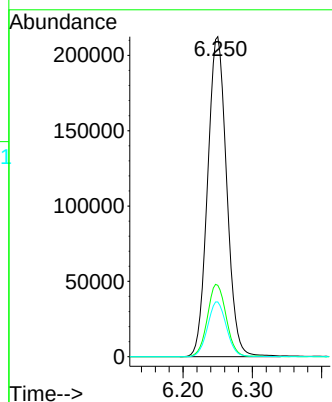
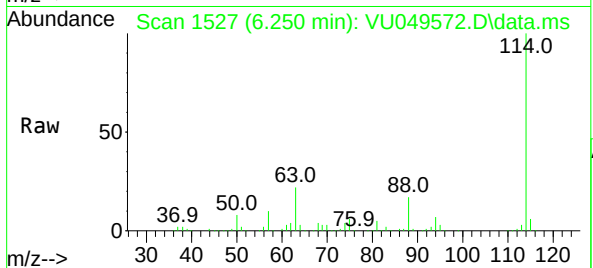
Tgt Ion:114 Resp: 405720

Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.8

88 17.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 46.234 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049572.D

Acq: 30 Jun 2022 18:42

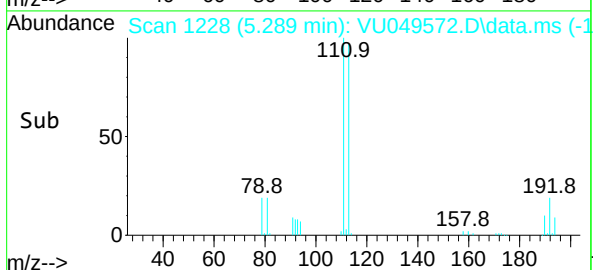
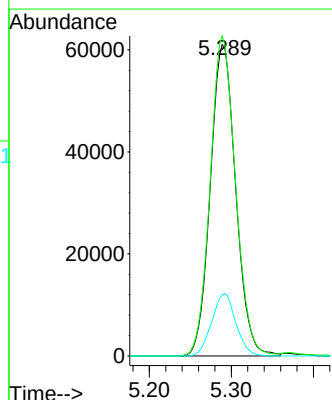
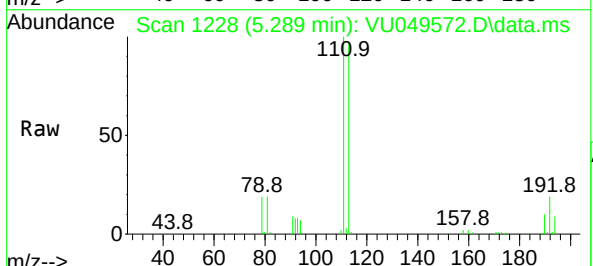
Tgt Ion:113 Resp: 131237

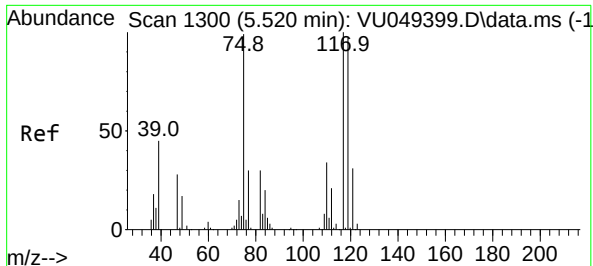
Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

192 19.0 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.757 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049572.D

Acq: 30 Jun 2022 18:42

Instrument :

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ClientSampleId :

152140-SPC-03-70

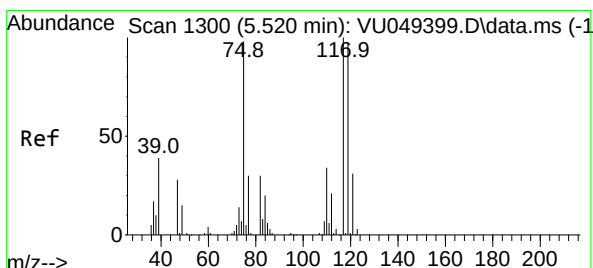
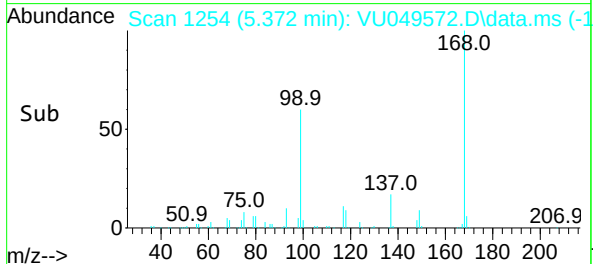
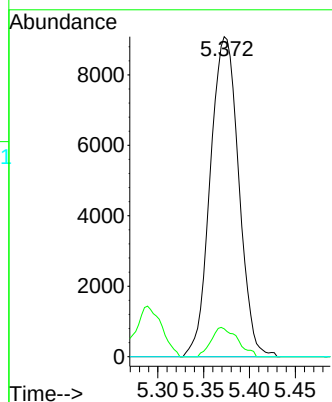
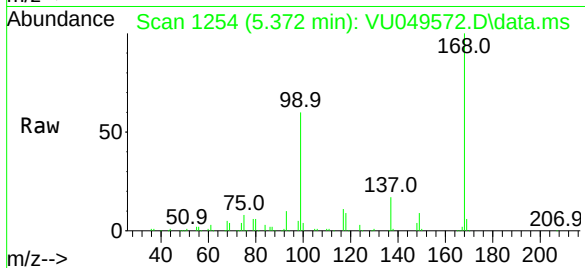
Tgt Ion: 75 Resp: 19579

Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.548 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049572.D

Acq: 30 Jun 2022 18:42

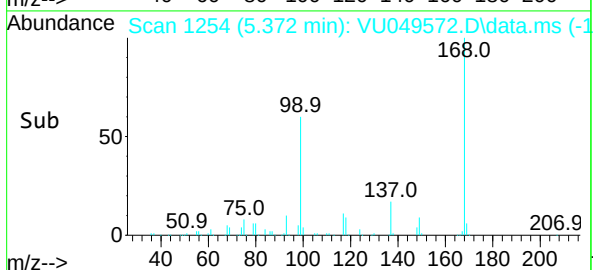
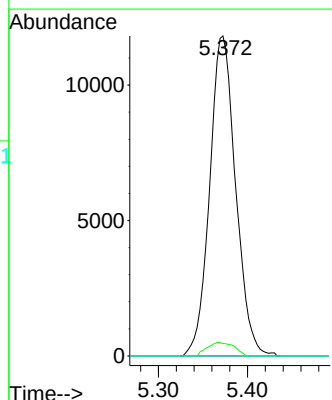
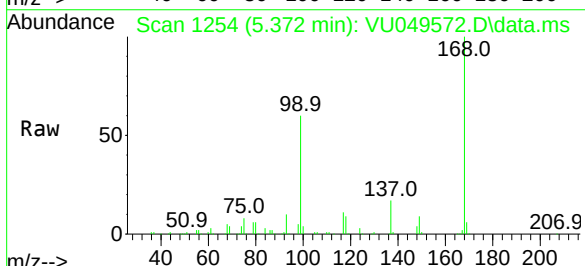
Tgt Ion: 117 Resp: 23948

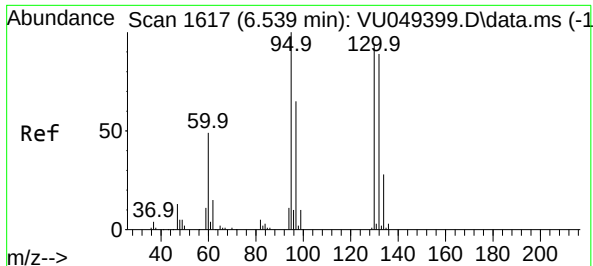
Ion Ratio Lower Upper

117 100

119 3.9 76.8 115.2#

121 0.0 24.7 37.1#

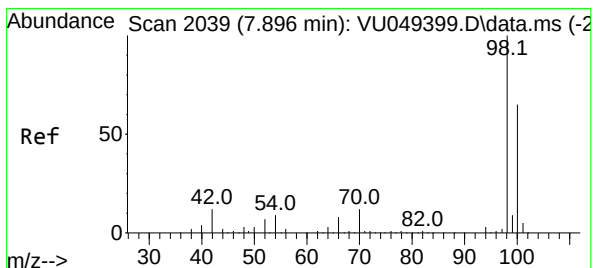
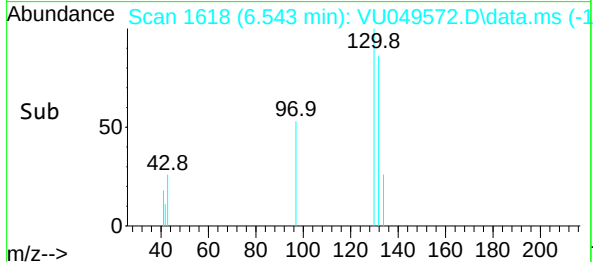
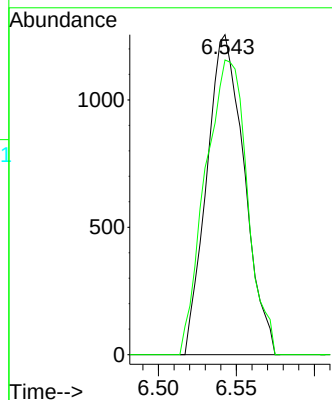
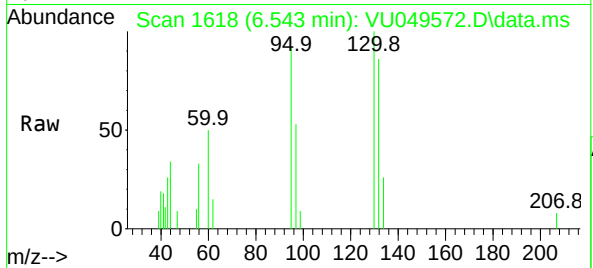




#44
Trichloroethene
Concen: 0.712 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

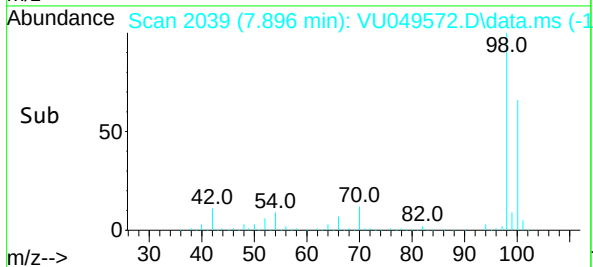
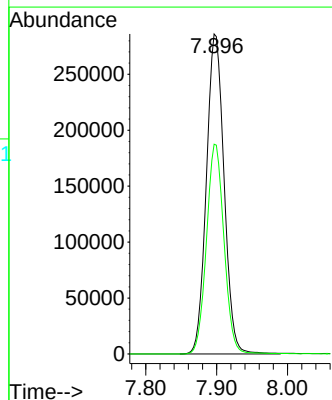
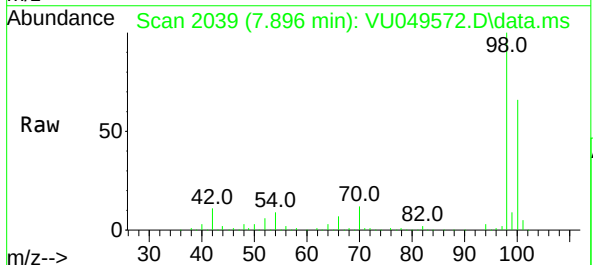
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-70

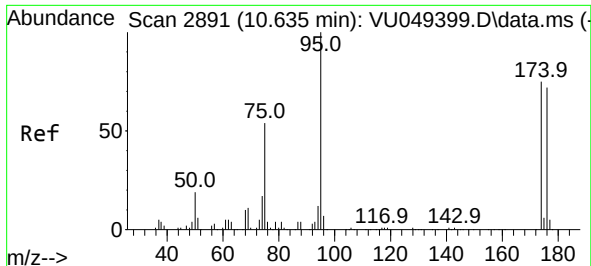
Tgt Ion:130 Resp: 2102
Ion Ratio Lower Upper
130 100
95 92.1 0.0 184.6



#50
Toluene-d8
Concen: 48.957 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

Tgt Ion: 98 Resp: 495648
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5

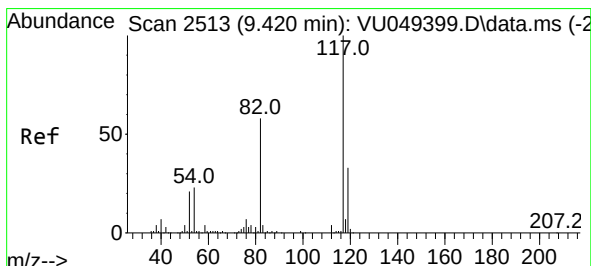
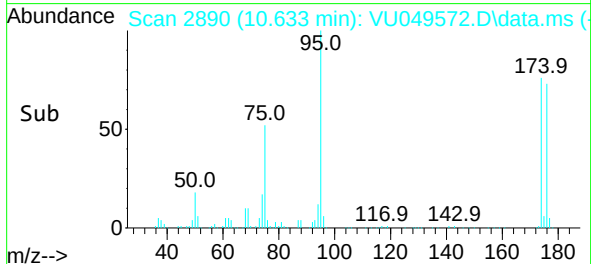
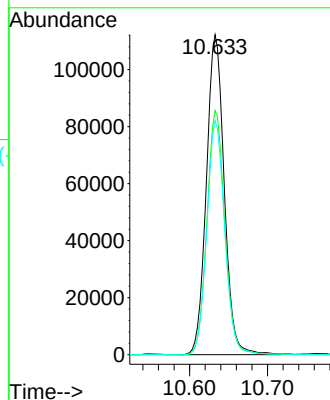
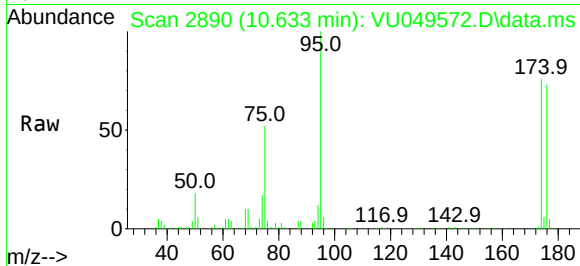




#62
4-Bromofluorobenzene
Concen: 46.047 ug/l
RT: 10.633 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

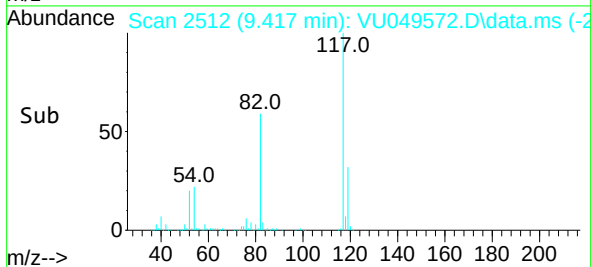
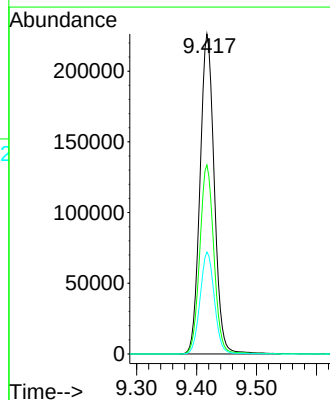
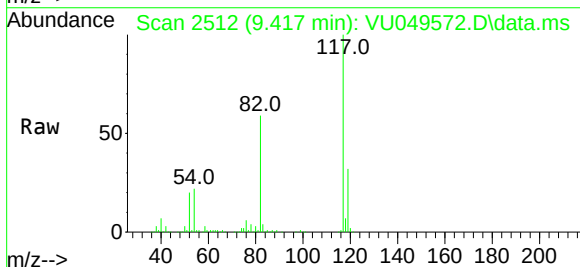
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-70

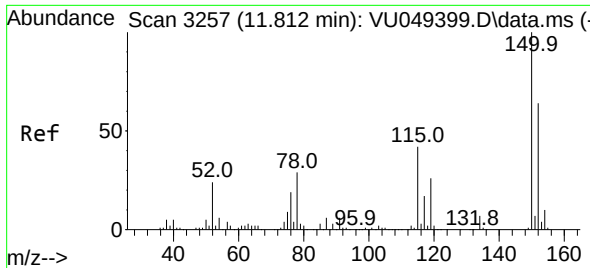
Tgt Ion: 95 Resp: 178582
Ion Ratio Lower Upper
95 100
174 76.7 0.0 182.0
176 73.4 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

Tgt Ion: 117 Resp: 375341
Ion Ratio Lower Upper
117 100
82 59.0 41.7 62.5
119 31.8 25.7 38.5

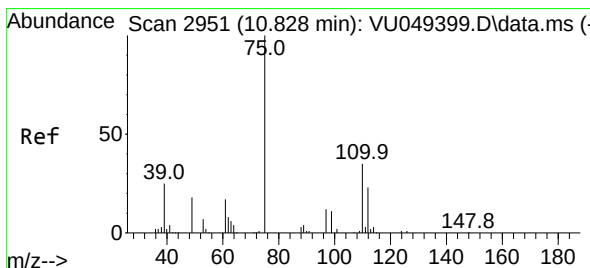
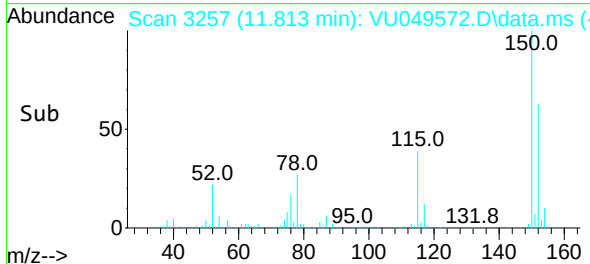
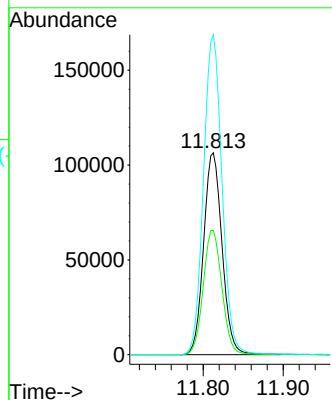
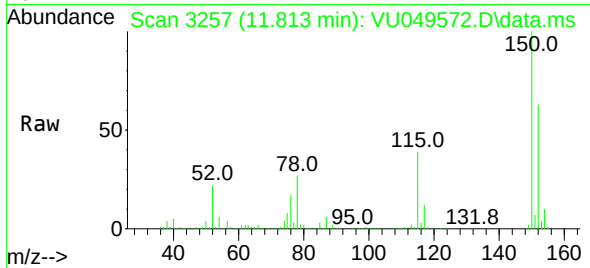




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.813 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049572.D
 Acq: 30 Jun 2022 18:42

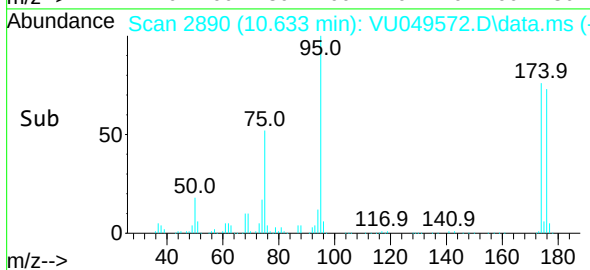
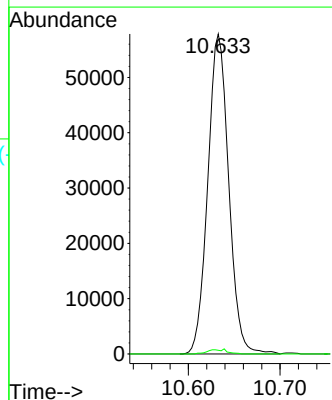
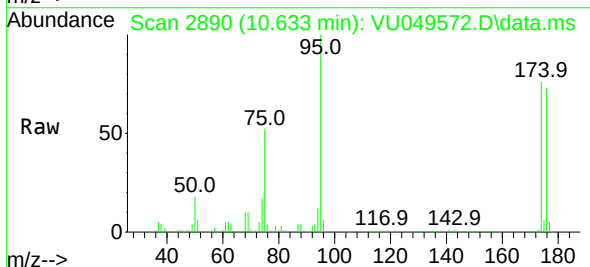
Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-03-70

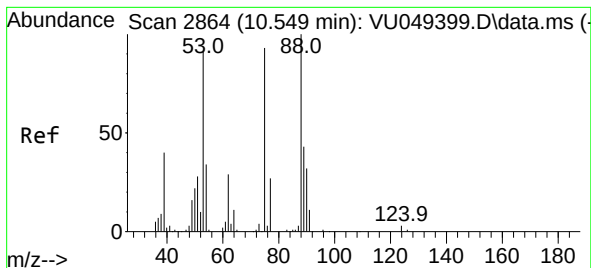
Tgt Ion:152 Resp: 171151
 Ion Ratio Lower Upper
 152 100
 115 62.3 37.0 110.9
 150 159.0 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.807 ug/l
 RT: 10.633 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049572.D
 Acq: 30 Jun 2022 18:42

Tgt Ion: 75 Resp: 91710
 Ion Ratio Lower Upper
 75 100
 77 1.3 15.8 47.3#

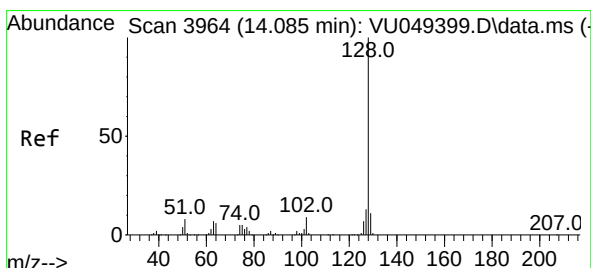
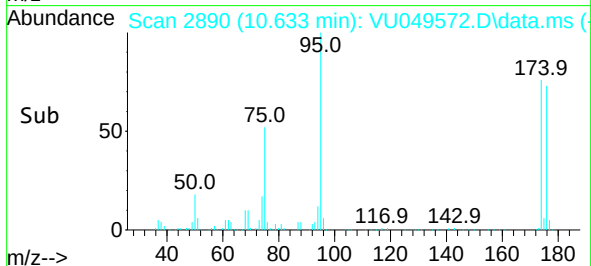
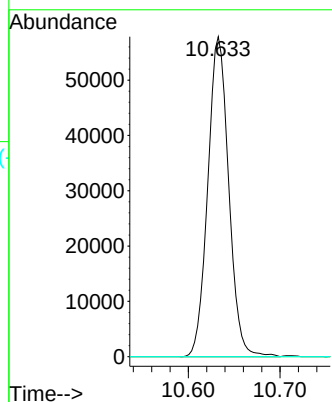
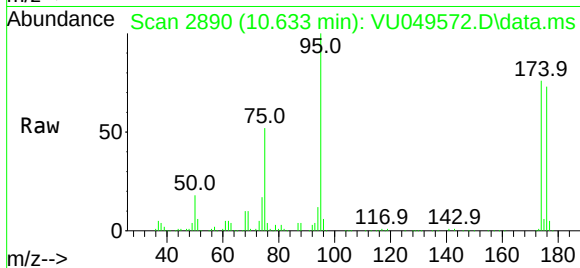




#81
trans-1,4-Dichloro-2-butene
Concen: 58.373 ug/l
RT: 10.633 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-03-70

Tgt Ion: 75 Resp: 91710
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.832 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU049572.D
Acq: 30 Jun 2022 18:42

Tgt Ion: 128 Resp: 1333
Ion Ratio Lower Upper
128 100
127 6.2 10.3 15.5#
129 0.0 8.6 13.0#

