

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048690.D
 Acq On : 27 May 2022 13:54
 Operator : SY/MD
 Sample : N3056-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10D

Quant Time: May 28 00:18:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards					
1) Pentafluorobenzene	5.375	168	193138	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	326324	50.000 ug/l	0.00
63) Chlorobenzene-d5	9.417	117	334434	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	175976	50.000 ug/l	0.00

System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.703	65	165506	57.060 ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.120%
35) Dibromofluoromethane	5.289	113	140258	60.247 ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 120.500%
50) Toluene-d8	7.899	98	411650	49.327 ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.660%
62) 4-Bromofluorobenzene	10.632	95	177894	56.365 ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.720%

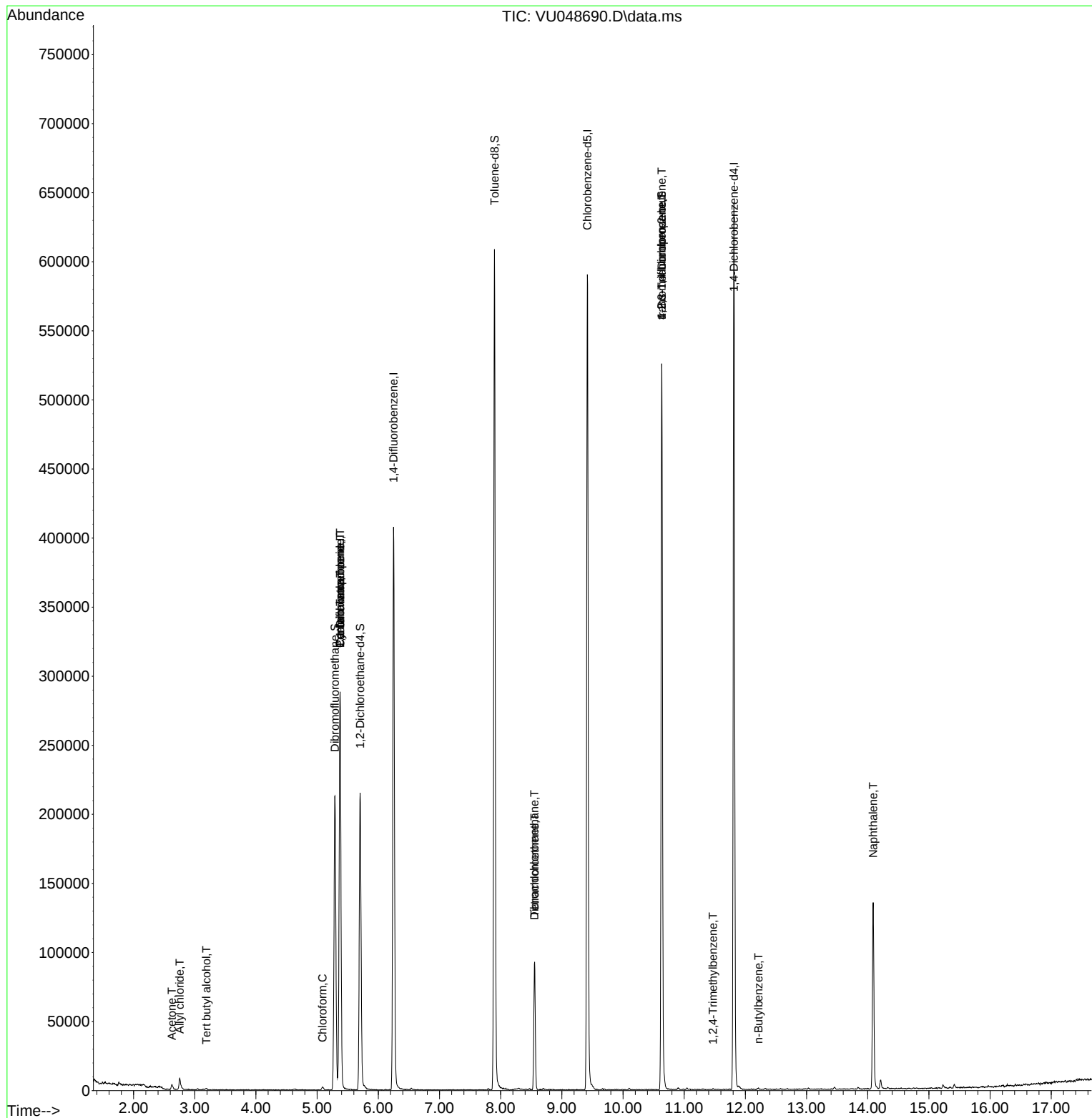
Target Compounds					Qvalue
5) Bromomethane	2.121	94	44	Below Cal	# 3
6) Chloroethane	1.941	64	300	Below Cal	# 43
11) Tert butyl alcohol	3.192	59	701	0.953 ug/l	# 28
13) Acrolein	2.482	56	43	Below Cal	# 14
14) Allyl chloride	2.755	41	985	0.259 ug/l	# 44
16) Acetone	2.626	43	4084	2.763 ug/l	# 90
30) Chloroform	5.089	83	2406	0.545 ug/l	# 80
31) Cyclohexane	5.375	56	4560	1.247 ug/l	# 2
36) 1,1-Dichloropropene	5.375	75	16001	4.709 ug/l	# 49
38) Carbon Tetrachloride	5.375	117	19659	5.043 ug/l	# 16
60) Dibromochloromethane	8.552	129	20246	6.821 ug/l	# 11
64) Tetrachloroethene	8.555	164	20663	7.966 ug/l	# 98
76) 1,2,3-Trichloropropane	10.632	75	89813	15.829 ug/l	# 47
81) trans-1,4-Dichloro-2-b...	10.632	75	89813	57.474 ug/l	# 13
84) 1,2,4-Trimethylbenzene	11.472	105	481	1.231 ug/l	# 96
89) n-Butylbenzene	12.214	91	383	2.221 ug/l	# 46
95) Naphthalene	14.089	128	116153	10.493 ug/l	# 100

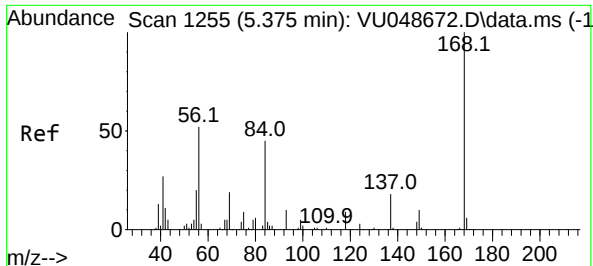
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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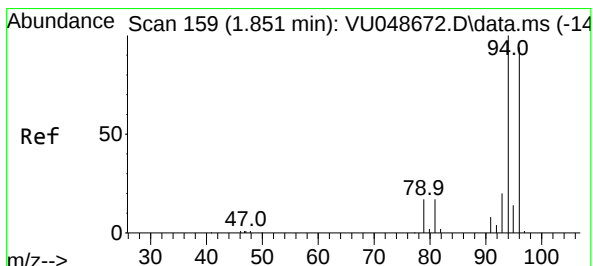
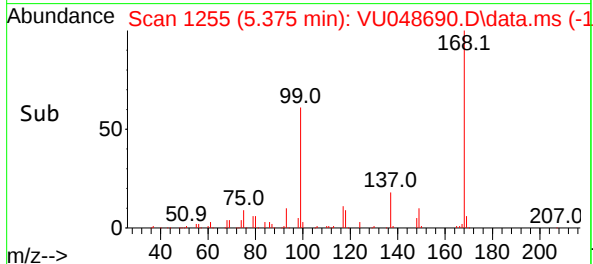
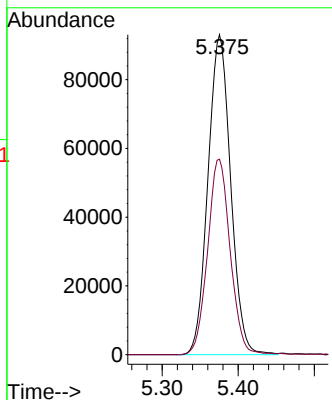
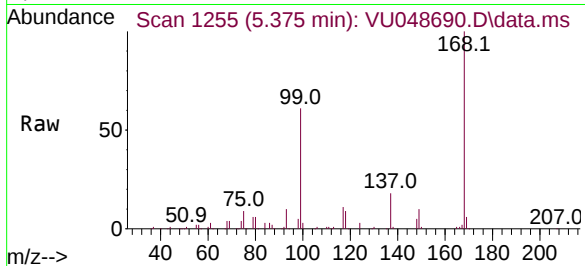




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

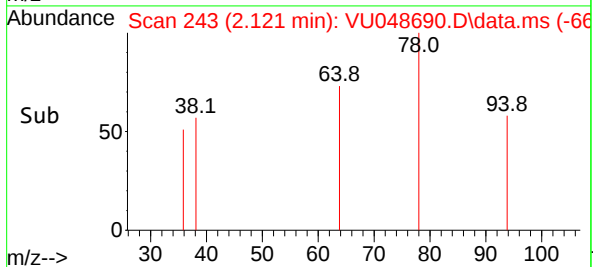
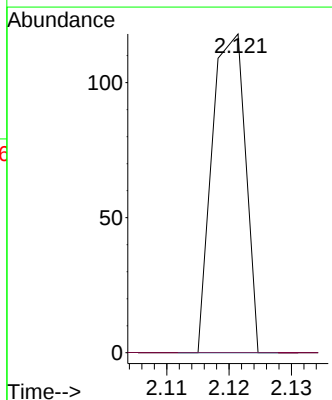
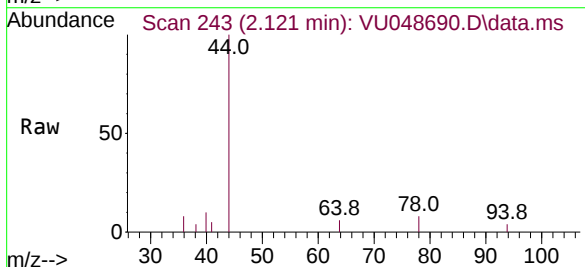
Instrument :
MSVOA_U
ClientSampleId :
MW-10D

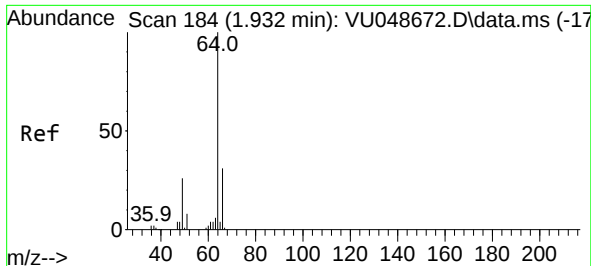
Tgt Ion:168 Resp: 193138
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 2.121 min Scan# 243
Delta R.T. 0.270 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Tgt Ion: 94 Resp: 44
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

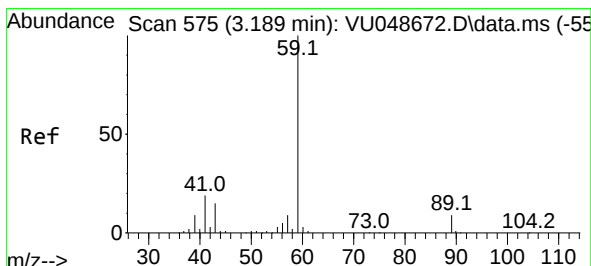
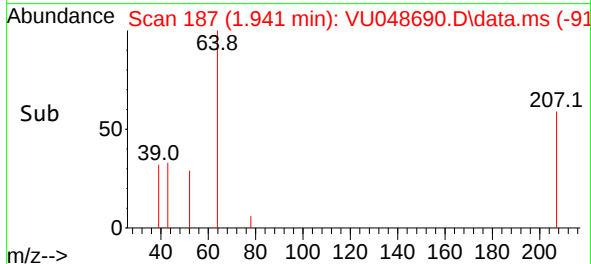
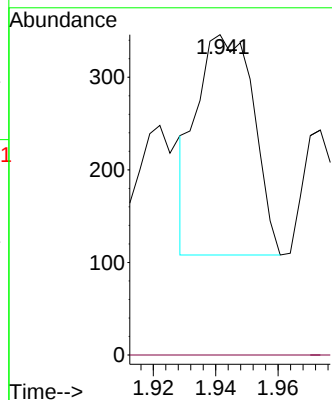
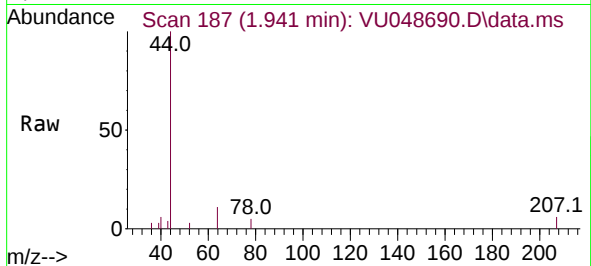




#6
Chloroethane
Concen: Below Cal
RT: 1.941 min Scan# 11
Delta R.T. 0.009 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

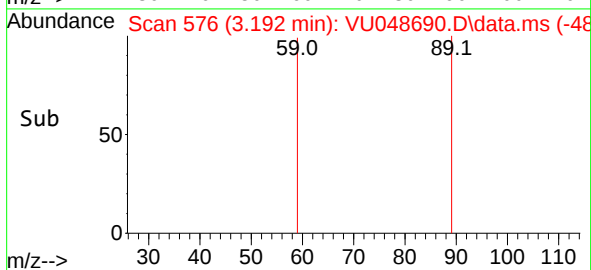
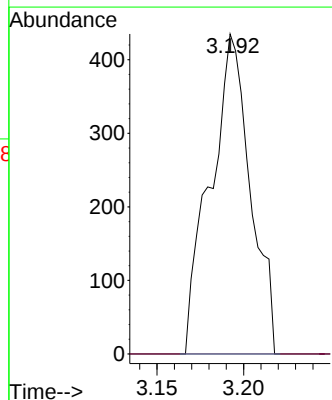
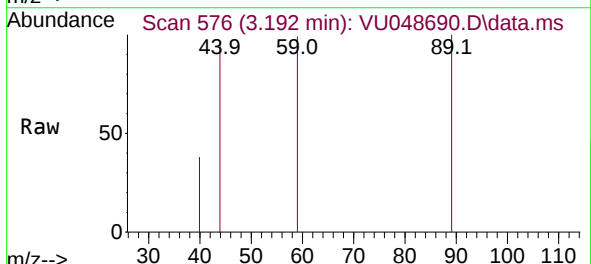
Instrument :
MSVOA_U
ClientSampleId :
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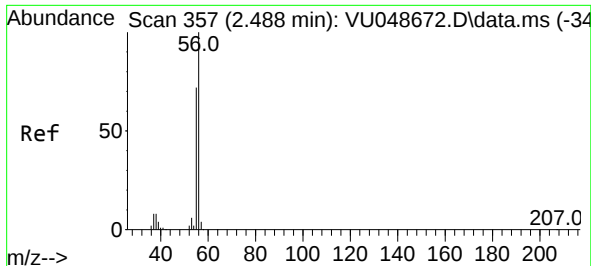
Tgt Ion: 64 Resp: 300
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#11
Tert butyl alcohol
Concen: 0.953 ug/l
RT: 3.192 min Scan# 576
Delta R.T. 0.003 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Tgt Ion: 59 Resp: 701
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

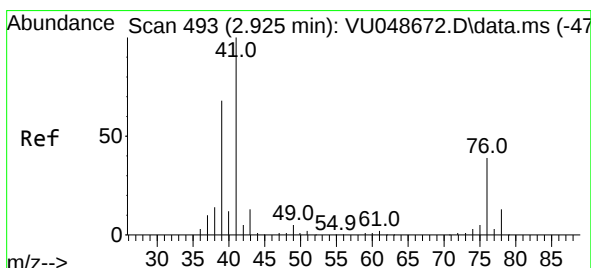
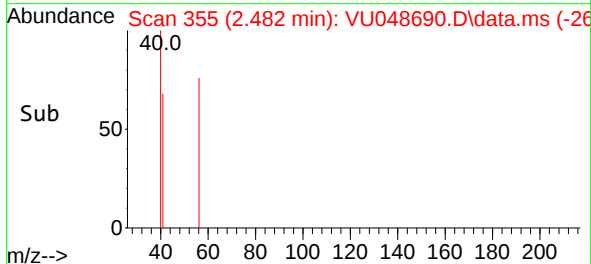
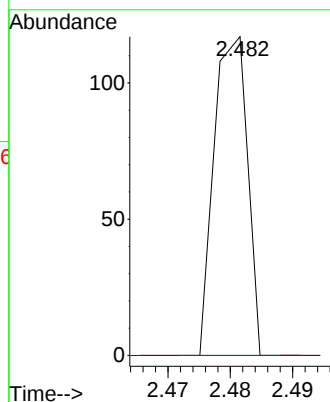
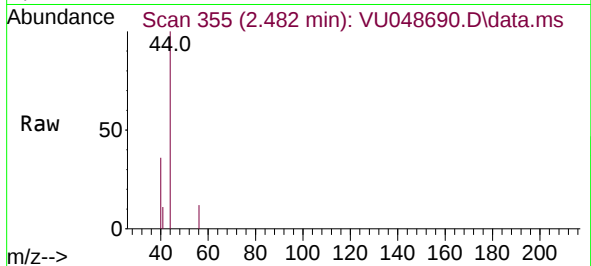




#13
Acrolein
Concen: Below Cal
RT: 2.482 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

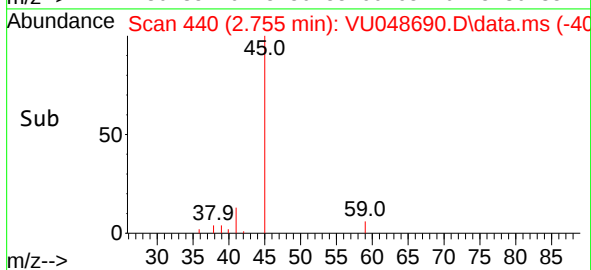
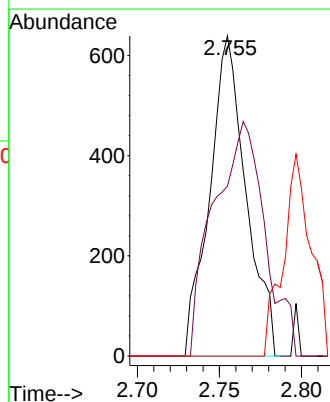
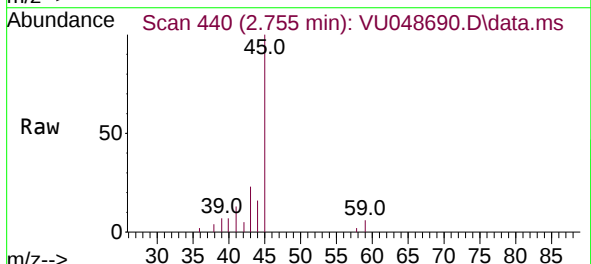
Instrument :
MSVOA_U
ClientSampleId :
MW-10D

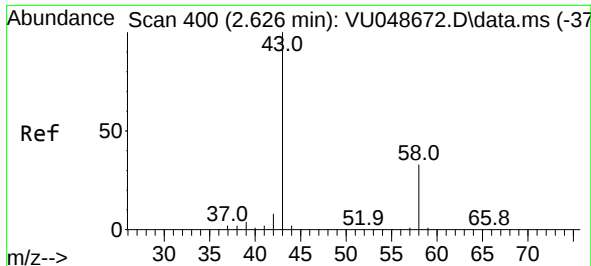
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#



#14
Allyl chloride
Concen: 0.259 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.170 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Tgt Ion: 41 Resp: 985
Ion Ratio Lower Upper
41 100
39 102.4 48.6 72.8#
76 0.0 27.0 40.4#

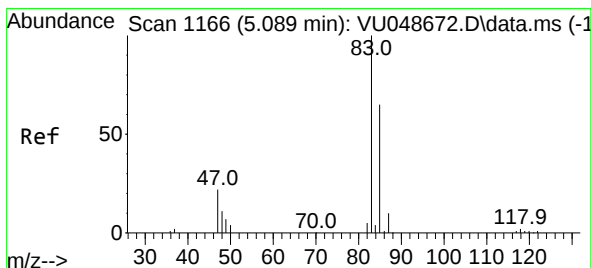
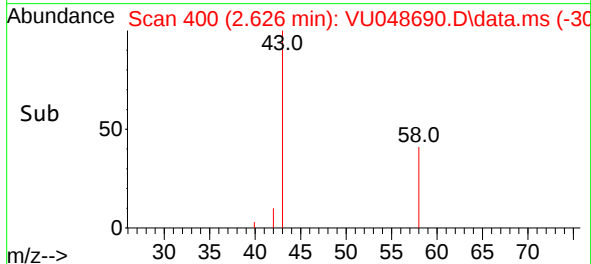
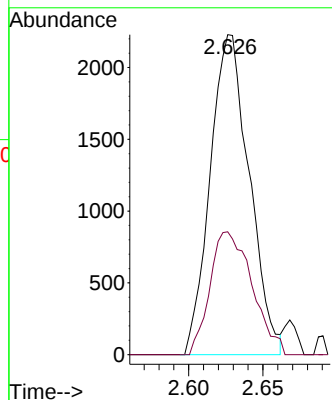
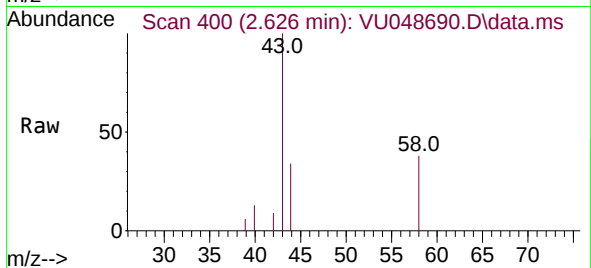




#16
Acetone
Concen: 2.763 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

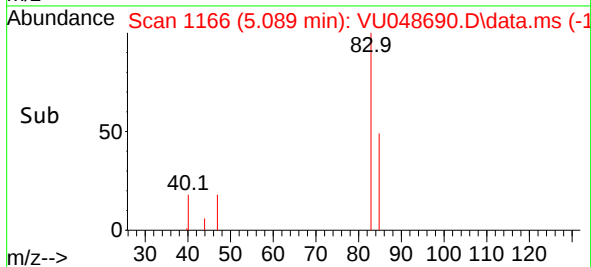
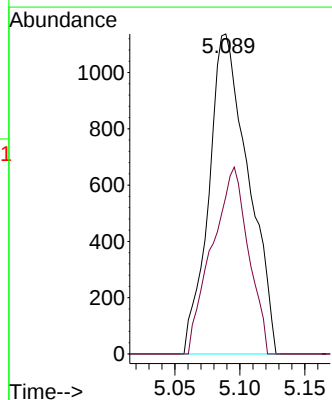
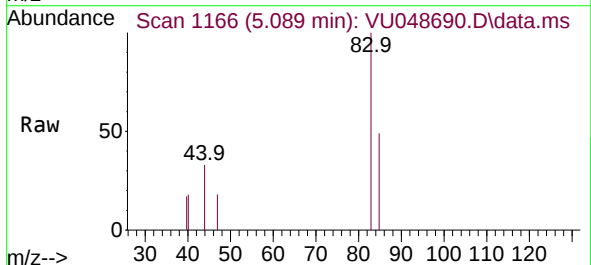
Instrument :
MSVOA_U
ClientSampleId :
MW-10D

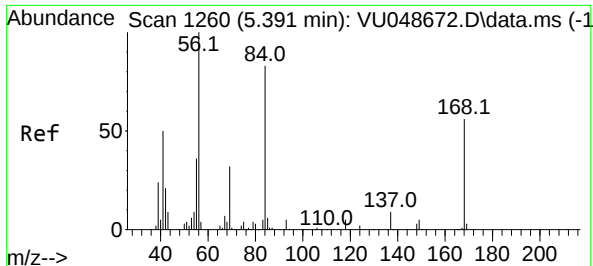
Tgt Ion: 43 Resp: 4084
Ion Ratio Lower Upper
43 100
58 38.4 26.3 39.5



#30
Chloroform
Concen: 0.545 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Tgt Ion: 83 Resp: 2406
Ion Ratio Lower Upper
83 100
85 49.2 52.2 78.2#

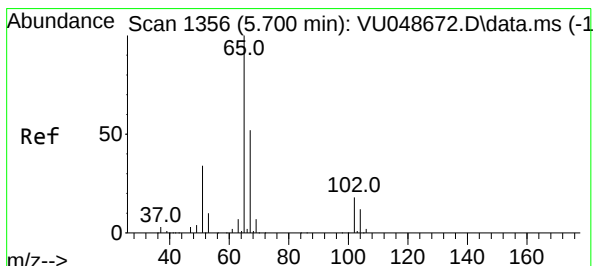
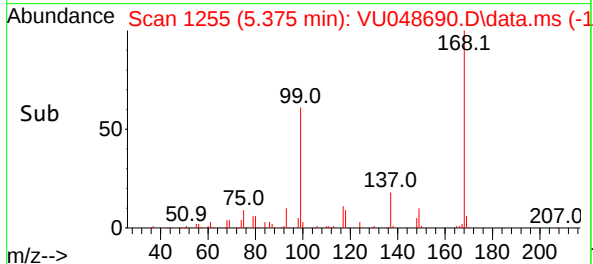
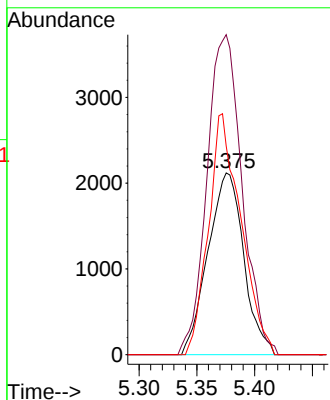
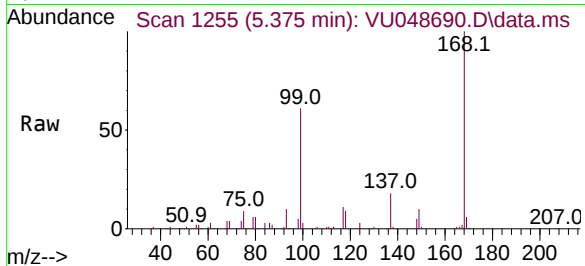




#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

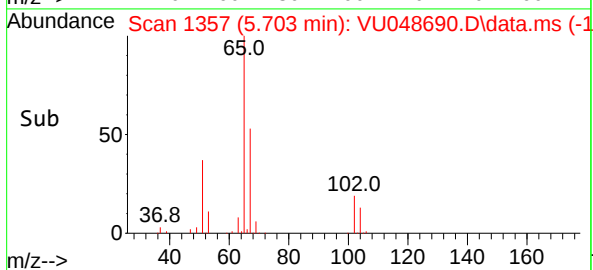
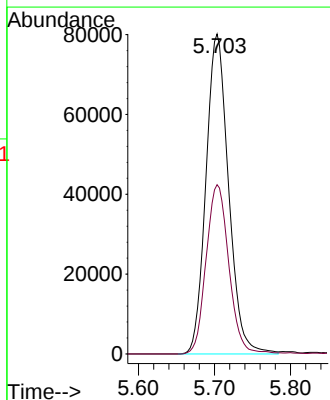
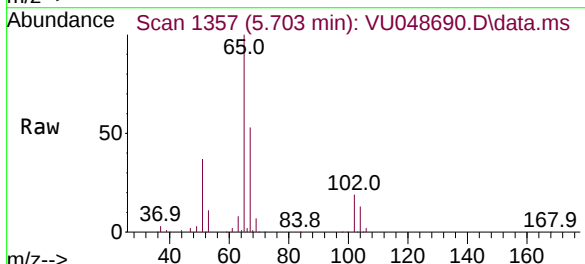
Instrument :
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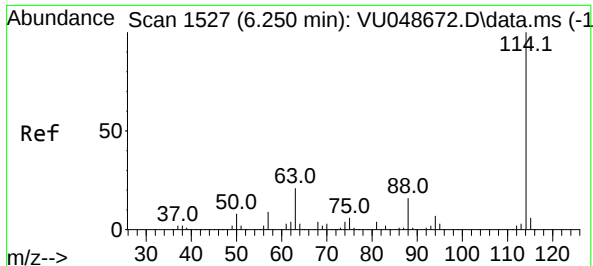
Tgt Ion: 56 Resp: 4560
Ion Ratio Lower Upper
56 100
69 176.0 25.6 38.4#
84 114.8 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 57.060 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Tgt Ion: 65 Resp: 165506
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048690.D

Acq: 27 May 2022 13:54

Instrument :

MSVOA_U

ClientSampleId :

MW-10D

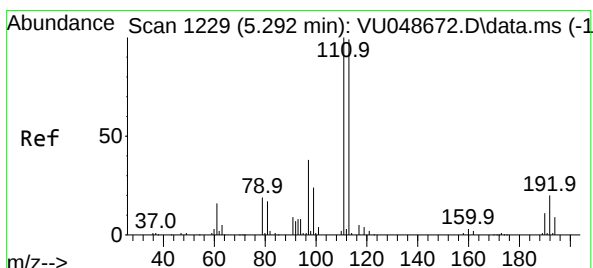
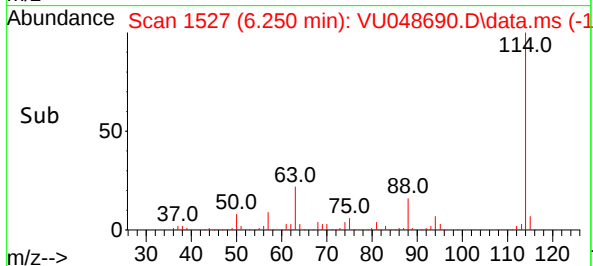
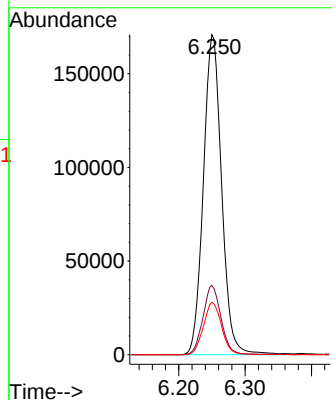
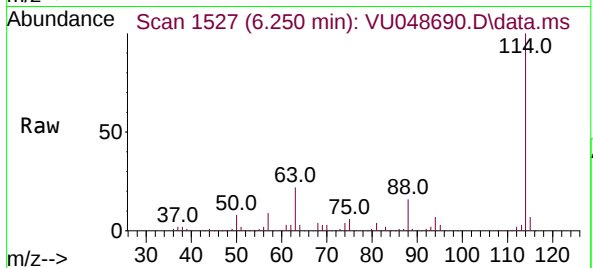
Tgt Ion:114 Resp: 326324

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 60.247 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048690.D

Acq: 27 May 2022 13:54

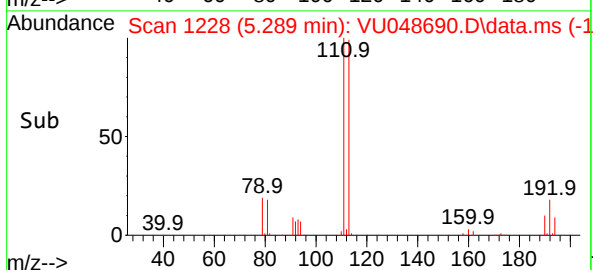
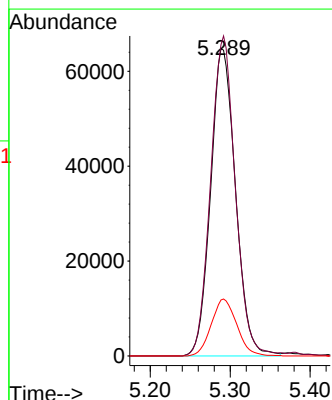
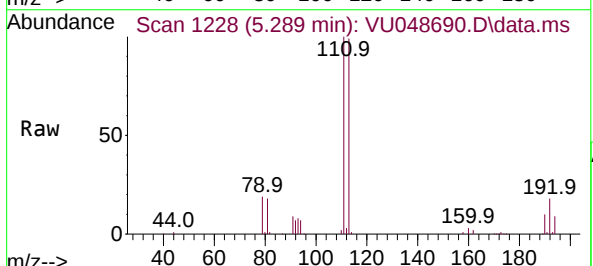
Tgt Ion:113 Resp: 140258

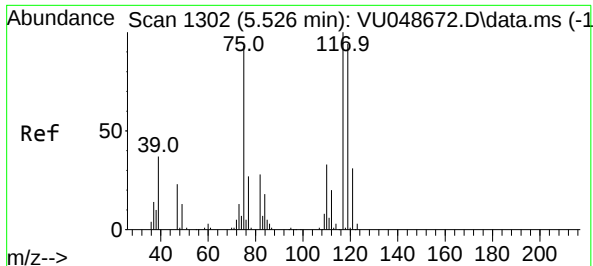
Ion Ratio Lower Upper

113 100

111 103.1 80.7 121.1

192 19.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.709 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU048690.D

Acq: 27 May 2022 13:54

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MW-10D

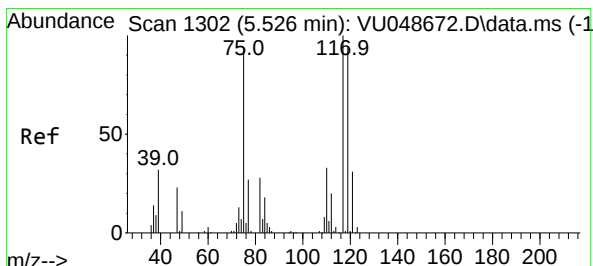
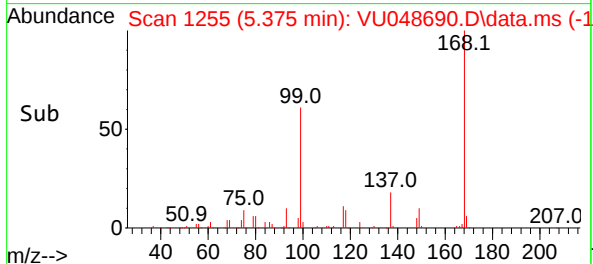
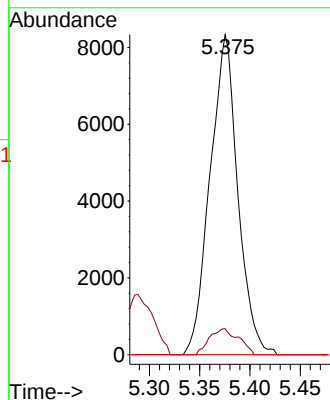
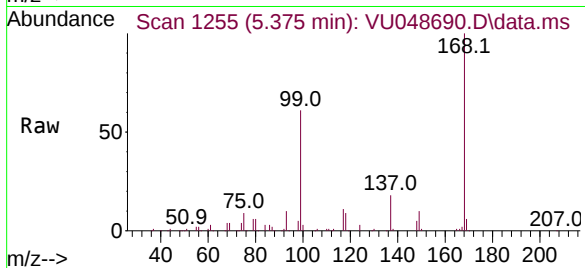
Tgt Ion: 75 Resp: 16001

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.043 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU048690.D

Acq: 27 May 2022 13:54

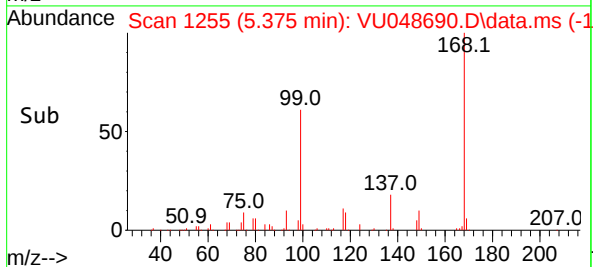
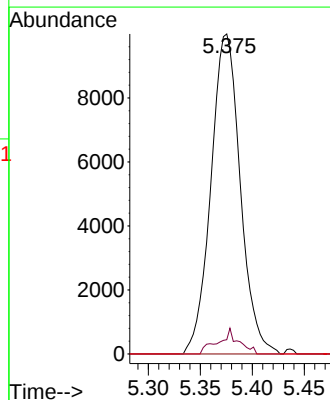
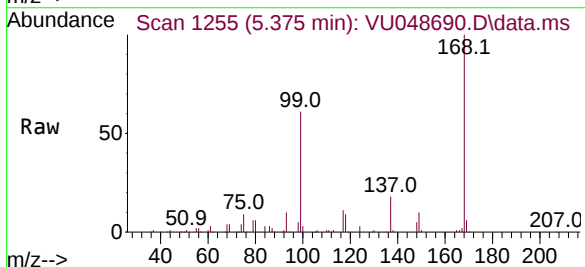
Tgt Ion: 117 Resp: 19659

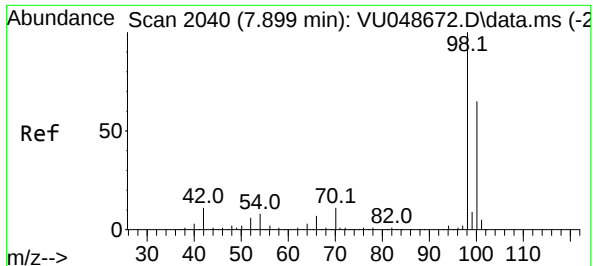
Ion Ratio Lower Upper

117 100

119 4.4 75.4 113.2#

121 0.0 24.6 36.8#

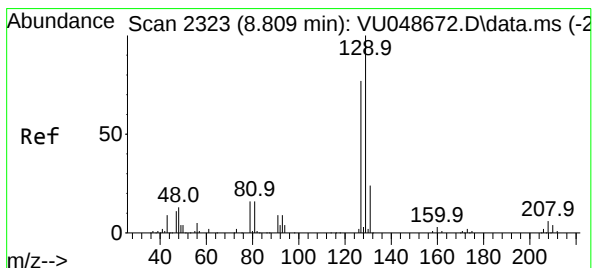
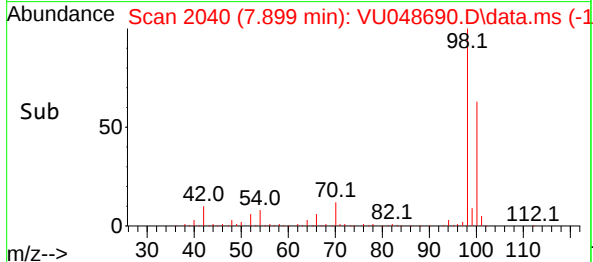
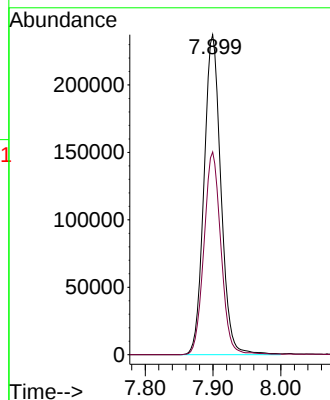
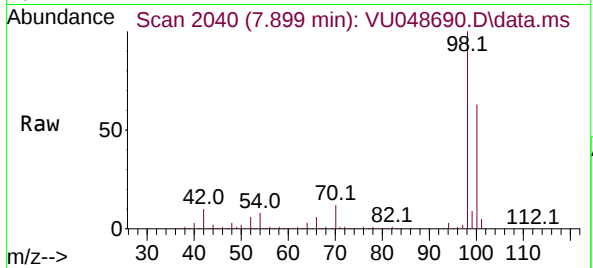




#50
Toluene-d8
Concen: 49.327 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

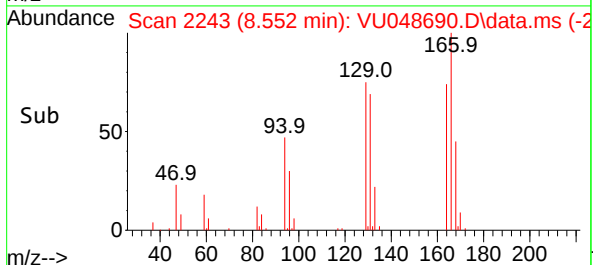
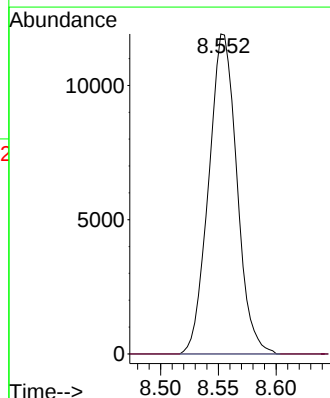
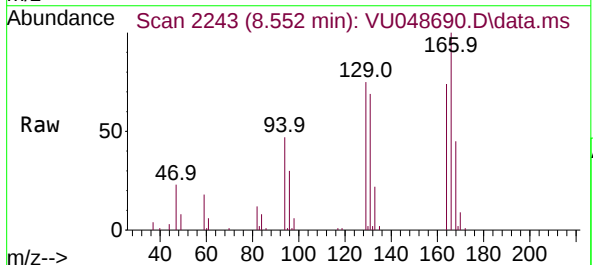
Instrument :
MSVOA_U
ClientSampleId :
MW-10D

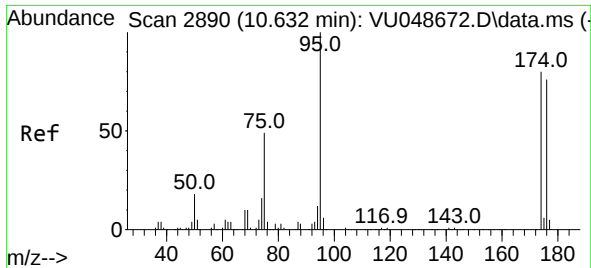
Tgt Ion: 98 Resp: 411650
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#60
Dibromochloromethane
Concen: 6.821 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Tgt Ion:129 Resp: 20246
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

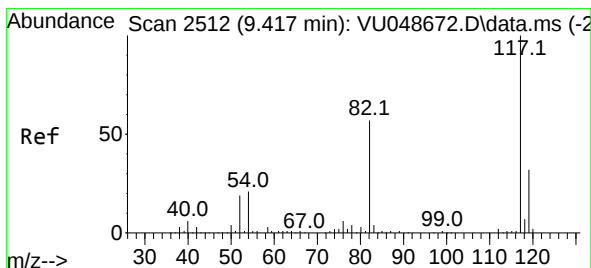
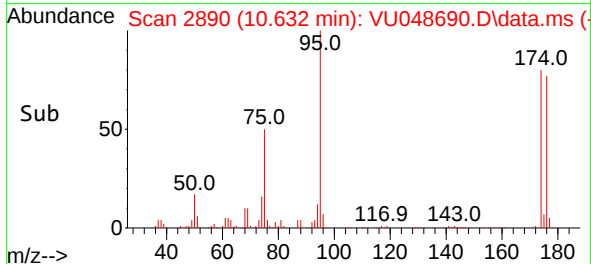
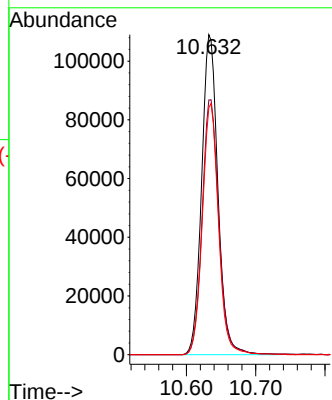
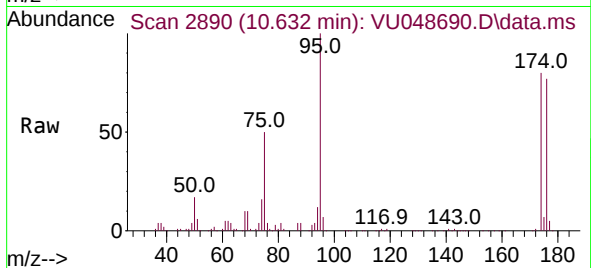




#62
4-Bromofluorobenzene
Concen: 56.365 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

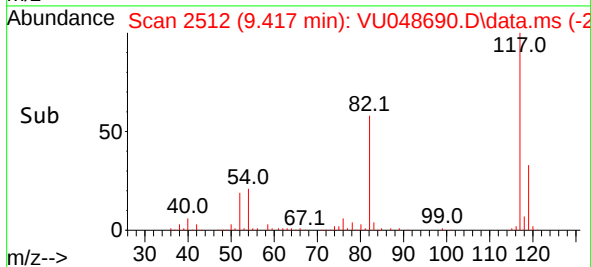
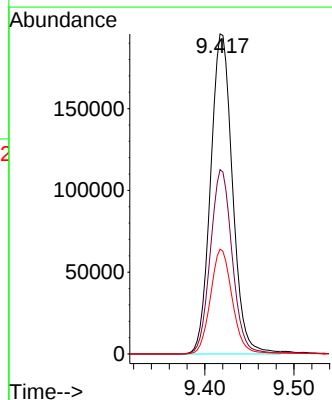
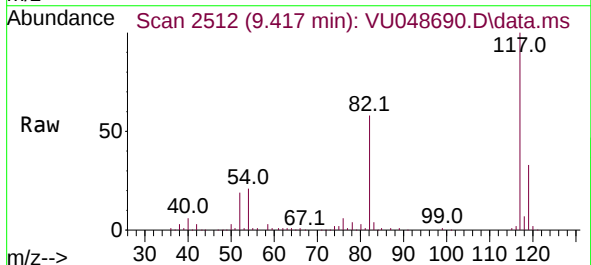
Instrument :
MSVOA_U
ClientSampleId :
MW-10D

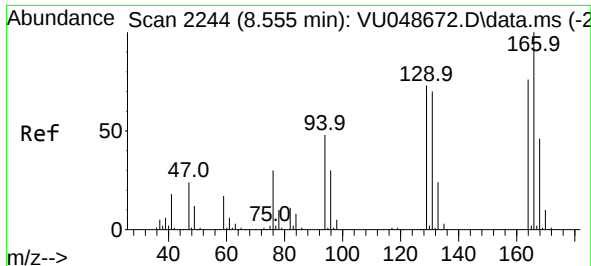
Tgt Ion: 95 Resp: 177894
Ion Ratio Lower Upper
95 100
174 81.8 0.0 159.4
176 77.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Tgt Ion: 117 Resp: 334434
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 32.8 25.4 38.2

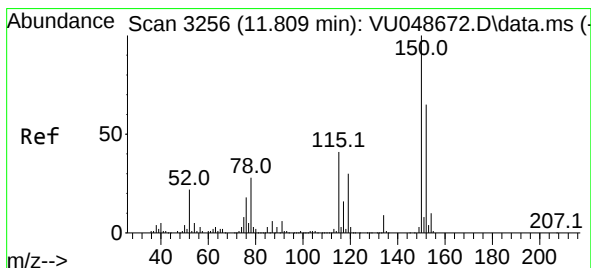
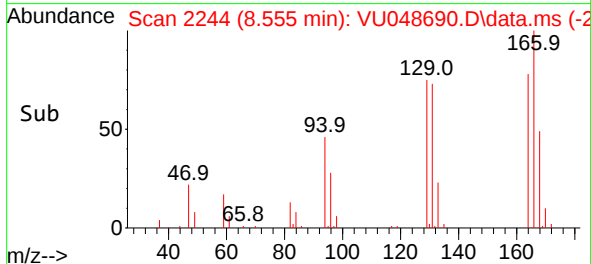
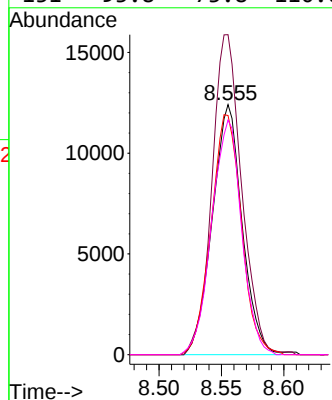
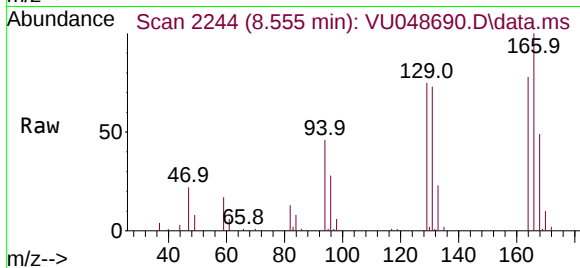




#64
Tetrachloroethene
Concen: 7.966 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

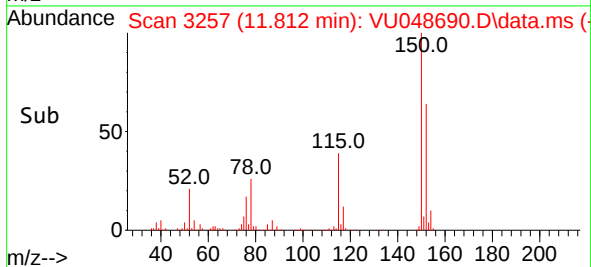
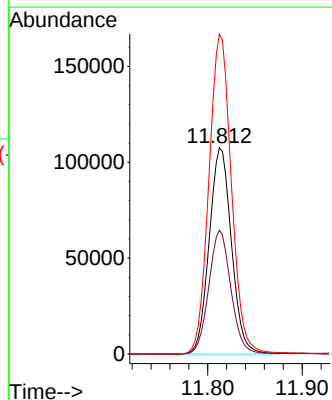
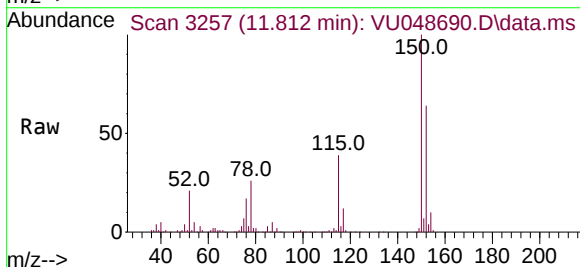
Instrument :
MSVOA_U
ClientSampleId :
MW-10D

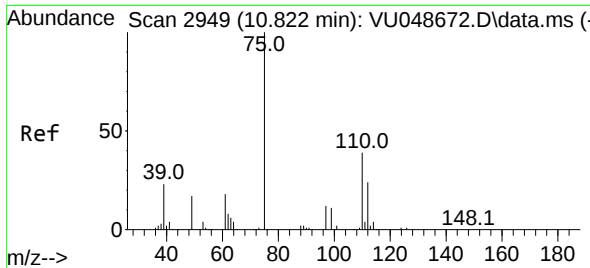
Tgt Ion:164 Resp: 20663
Ion Ratio Lower Upper
164 100
166 127.9 105.0 157.4
129 95.7 76.5 114.7
131 93.8 73.8 110.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Tgt Ion:152 Resp: 175976
Ion Ratio Lower Upper
152 100
115 59.5 41.8 125.4
150 156.8 0.0 341.0

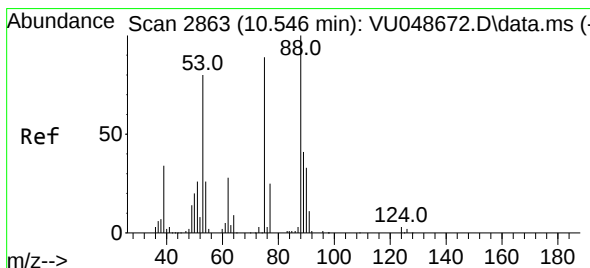
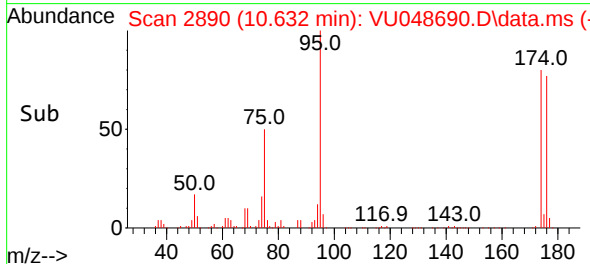
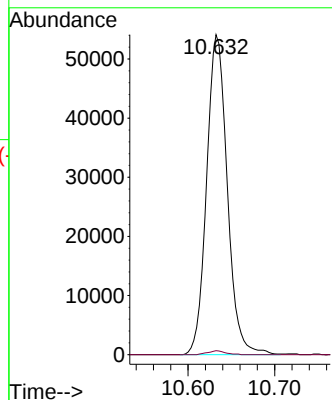
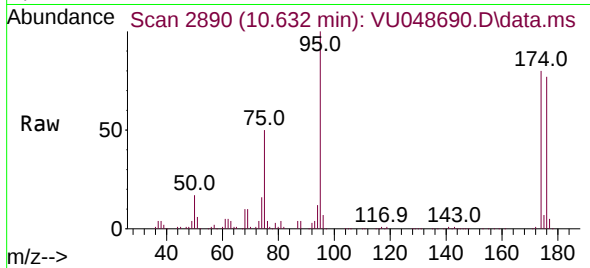




#76
1,2,3-Trichloropropane
Concen: 15.829 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

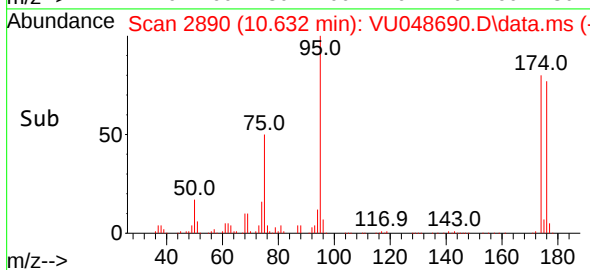
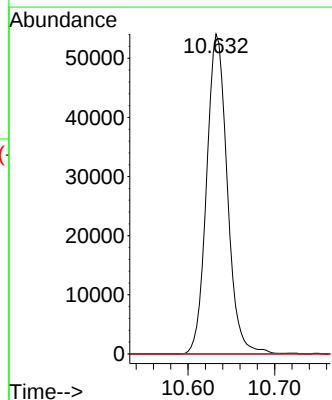
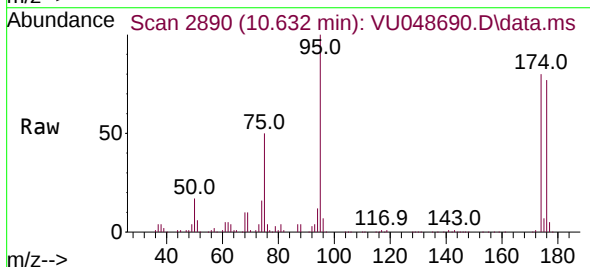
Instrument :
MSVOA_U
ClientSampleId :
MW-10D

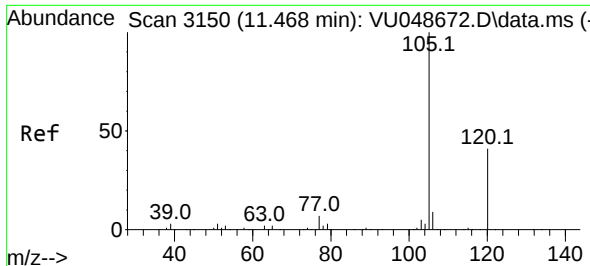
Tgt Ion: 75 Resp: 89813
Ion Ratio Lower Upper
75 100
77 1.0 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.474 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Tgt Ion: 75 Resp: 89813
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

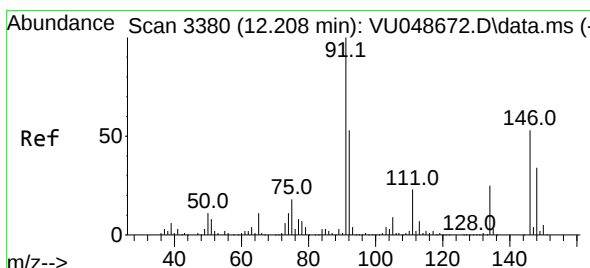
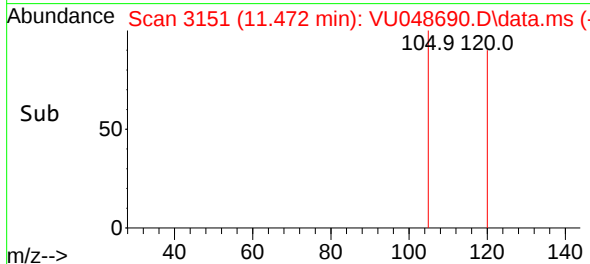
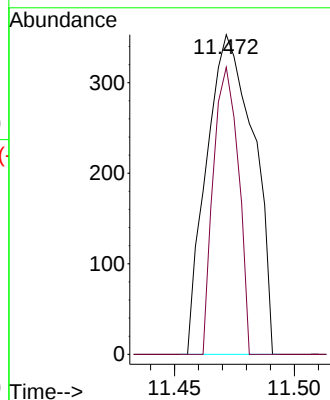
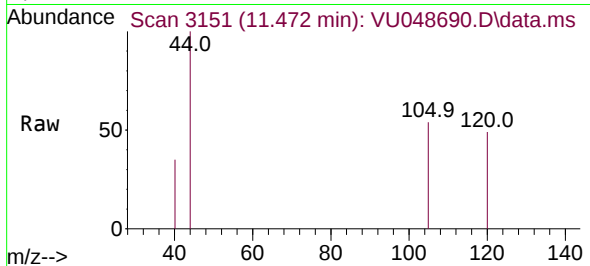




#84
1,2,4-Trimethylbenzene
Concen: 1.231 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

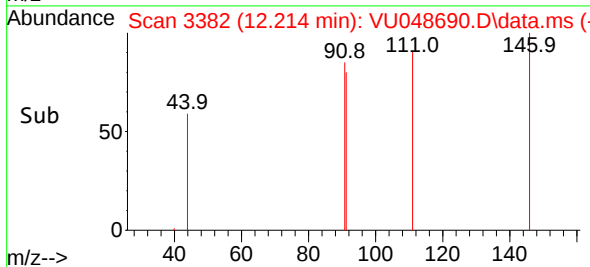
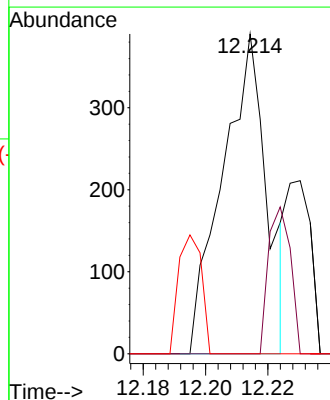
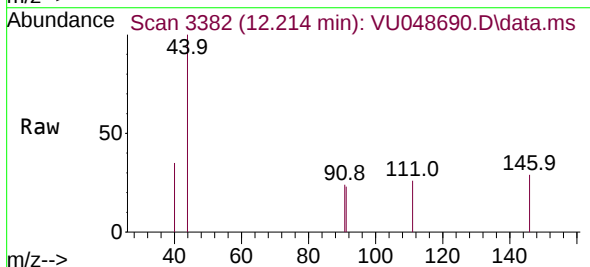
Instrument :
MSVOA_U
ClientSampleId :
MW-10D

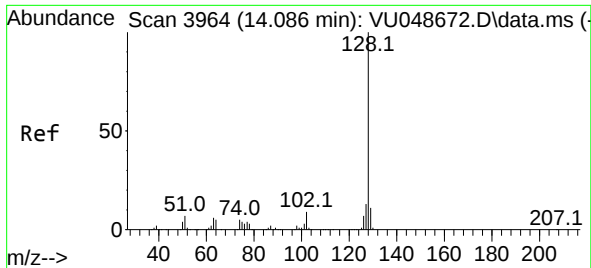
Tgt Ion:105 Resp: 481
Ion Ratio Lower Upper
105 100
120 47.6 22.5 67.5



#89
n-Butylbenzene
Concen: 2.221 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.006 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

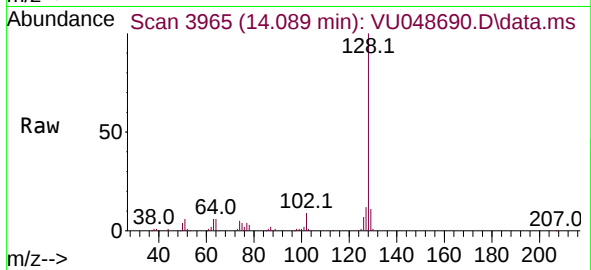
Tgt Ion: 91 Resp: 383
Ion Ratio Lower Upper
91 100
92 0.0 25.9 77.8#
134 19.3 12.5 37.5





#95
Naphthalene
Concen: 10.493 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048690.D
Acq: 27 May 2022 13:54

Instrument :
MSVOA_U
ClientSampleId :
MW-10D



Tgt Ion:128 Resp: 116153
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.7 13.1

