

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048954.D
 Acq On : 08 Jun 2022 11:23
 Operator : SY/MD
 Sample : VU0608WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608WBL01

Quant Time: Jun 08 12:17:29 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)

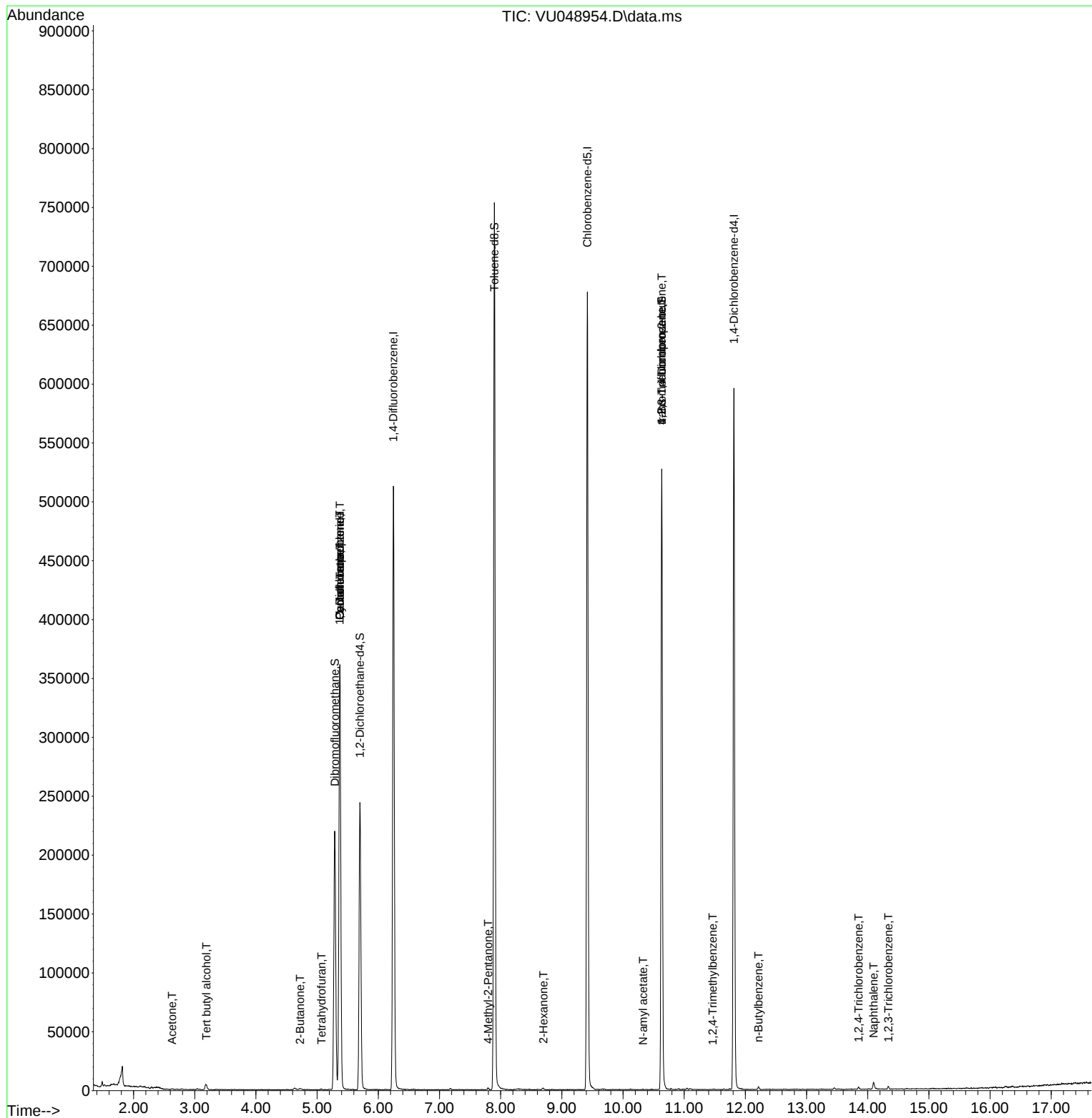
Internal Standards						
1) Pentafluorobenzene	5.372	168	243650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	405951	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	369172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	159628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	190322	52.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.020%
35) Dibromofluoromethane	5.289	113	142102	49.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.140%
50) Toluene-d8	7.896	98	498023	47.972	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.940%
62) 4-Bromofluorobenzene	10.632	95	175638	44.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.835	94	312	Below Cal		83
6) Chloroethane	1.967	64	237	Below Cal	#	43
11) Tert butyl alcohol	3.189	59	2939	3.168	ug/l #	28
13) Acrolein	2.321	56	21	Below Cal	#	14
16) Acetone	2.630	43	977	0.524	ug/l #	80
25) 2-Butanone	4.723	43	2017	0.753	ug/l #	81
29) Tetrahydrofuran	5.073	42	451	0.267	ug/l #	38
31) Cyclohexane	5.372	56	5452	1.182	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	20689	4.895	ug/l #	46
38) Carbon Tetrachloride	5.372	117	24997	5.155	ug/l #	17
51) 4-Methyl-2-Pentanone	7.797	43	1009	0.200	ug/l	91
59) 2-Hexanone	8.700	43	1462	0.354	ug/l	84
74) N-amyl acetate	10.327	43	202	2.504	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	90840	17.650	ug/l #	48
81) trans-1,4-Dichloro-2-b...	10.632	75	90840	64.084	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.468	105	379	1.225	ug/l #	31
89) n-Butylbenzene	12.214	91	1327	2.323	ug/l	75
93) 1,2,4-Trichlorobenzene	13.851	180	1013	0.282	ug/l	86
95) Naphthalene	14.099	128	6912	3.055	ug/l	96
96) 1,2,3-Trichlorobenzene	14.340	180	1001	0.281	ug/l #	84

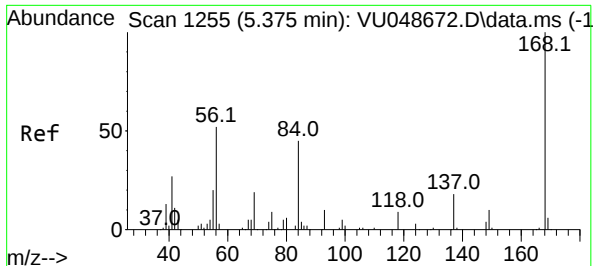
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
Data File : VU048954.D
Acq On : 08 Jun 2022 11:23
Operator : SY/MD
Sample : VU0608WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

Quant Time: Jun 08 12:17:29 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

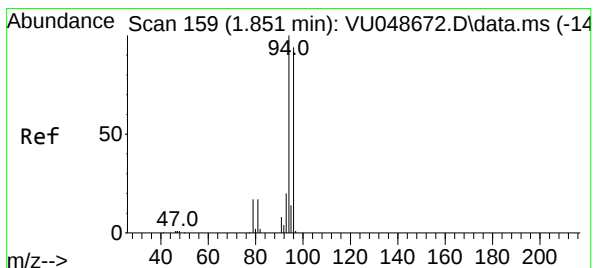
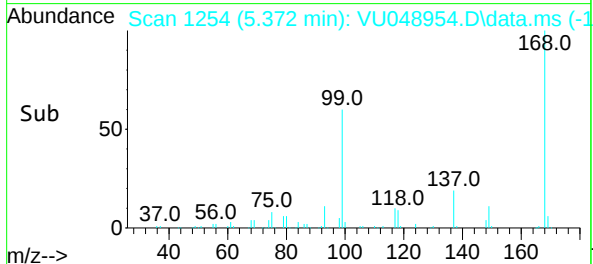
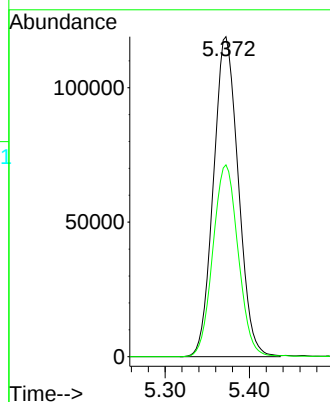
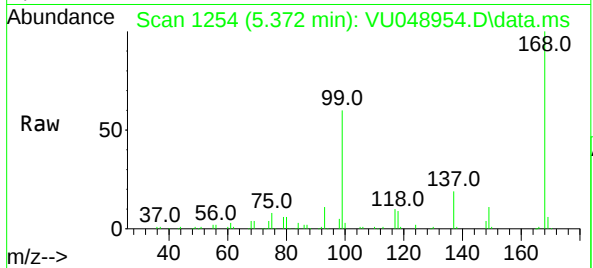




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

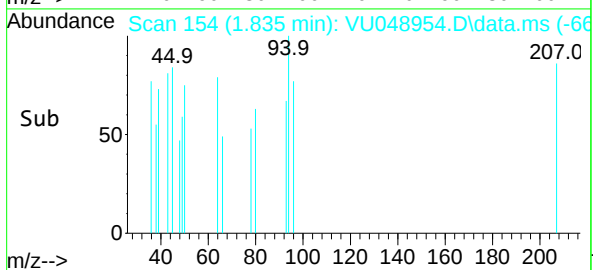
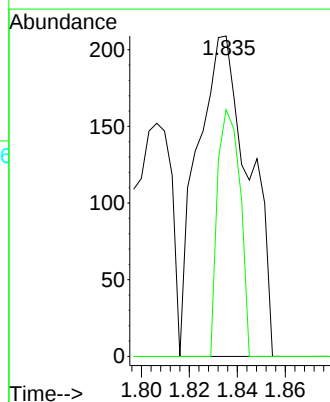
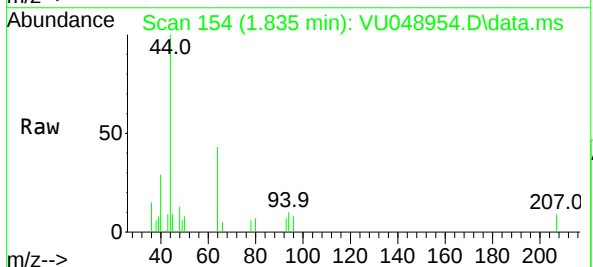
Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

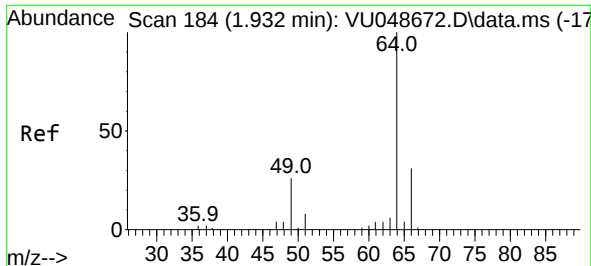
Tgt Ion:168 Resp: 243650
Ion Ratio Lower Upper
168 100
99 60.0 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.835 min Scan# 154
Delta R.T. -0.016 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 77.0 75.1 112.7

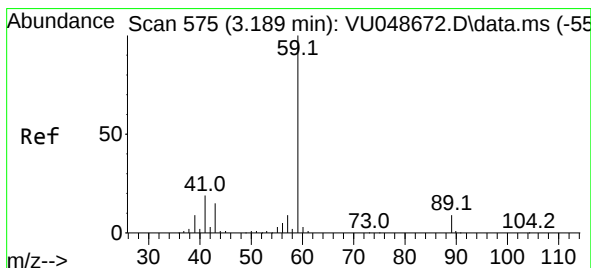
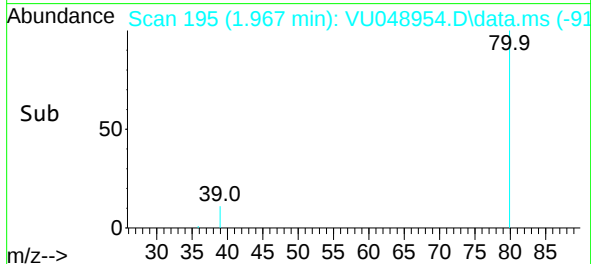
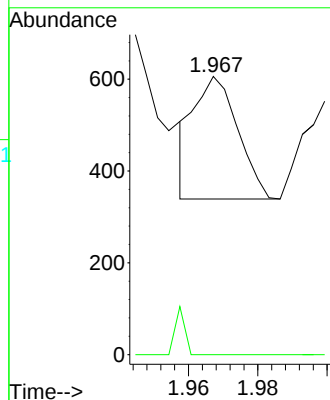
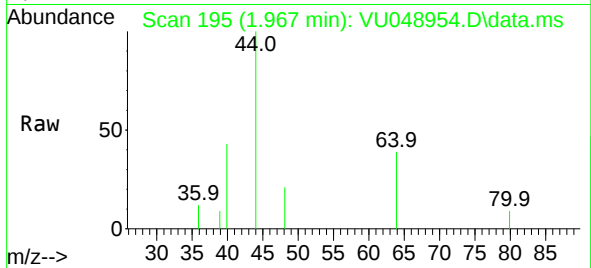




#6
Chloroethane
Concen: Below Cal
RT: 1.967 min Scan# 195
Delta R.T. 0.035 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

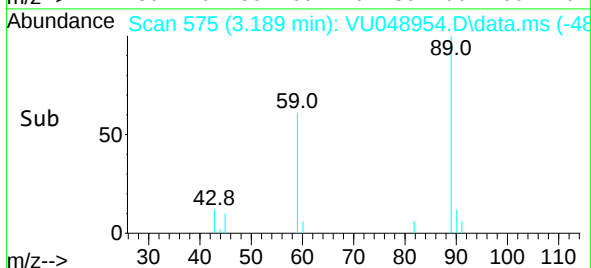
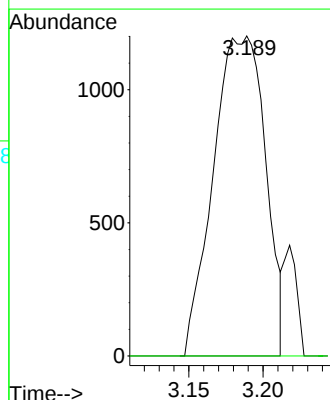
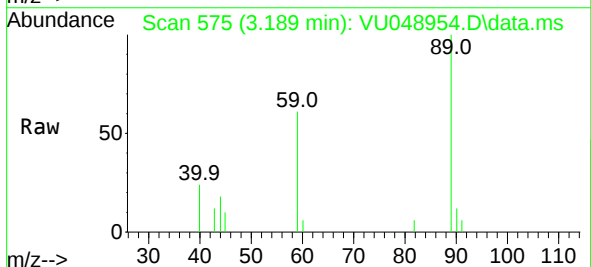
Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

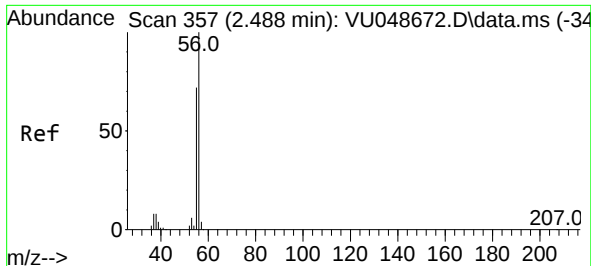
Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#11
Tert butyl alcohol
Concen: 3.168 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.000 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion: 59 Resp: 2939
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

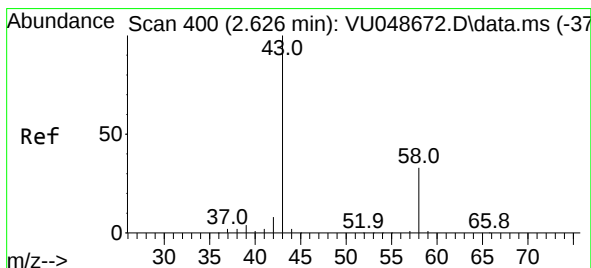
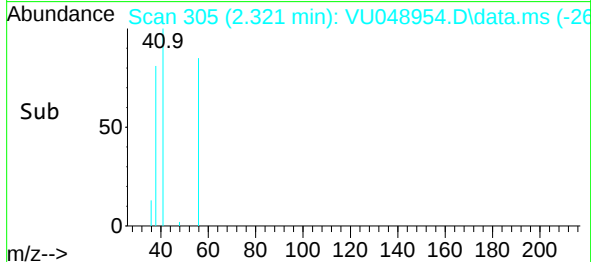
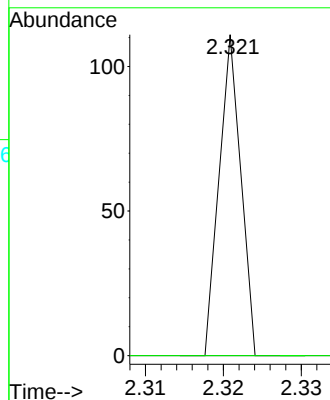
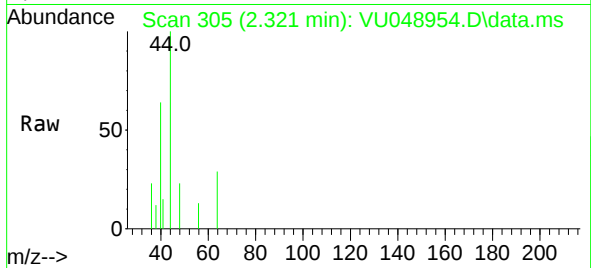




#13
Acrolein
Concen: Below Cal
RT: 2.321 min Scan# 305
Delta R.T. -0.167 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

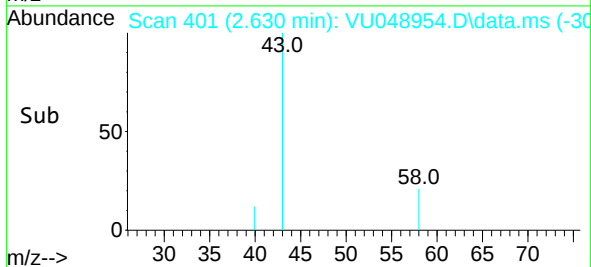
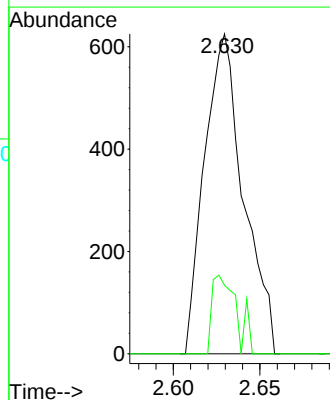
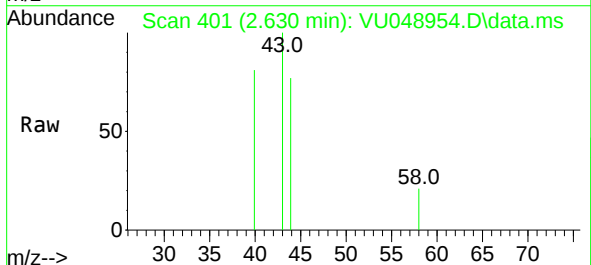
Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

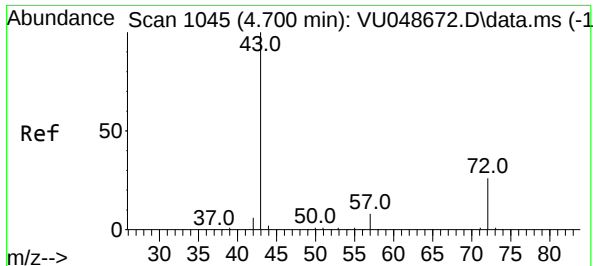
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#



#16
Acetone
Concen: 0.524 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 21.4 26.3 39.5#





#25

2-Butanone

Concen: 0.753 ug/l

RT: 4.723 min Scan# 1105

Delta R.T. 0.023 min

Lab File: VU048954.D

Acq: 08 Jun 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

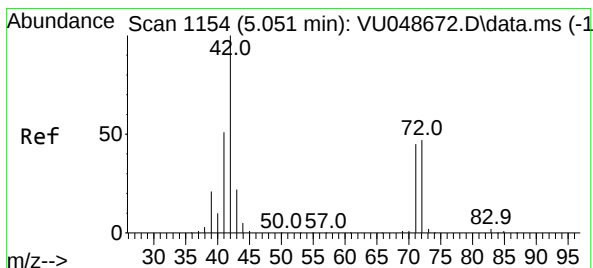
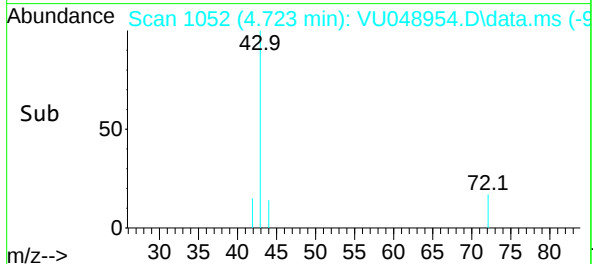
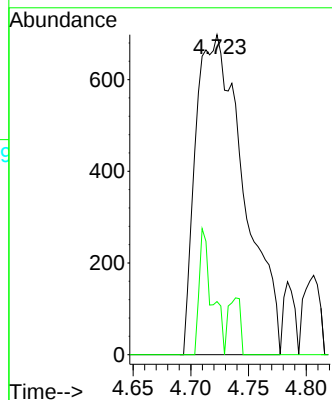
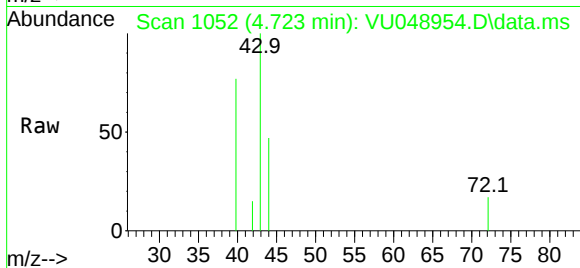
VU0608WBL01

Tgt Ion: 43 Resp: 2017

Ion Ratio Lower Upper

43 100

72 16.6 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.267 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.023 min

Lab File: VU048954.D

Acq: 08 Jun 2022 11:23

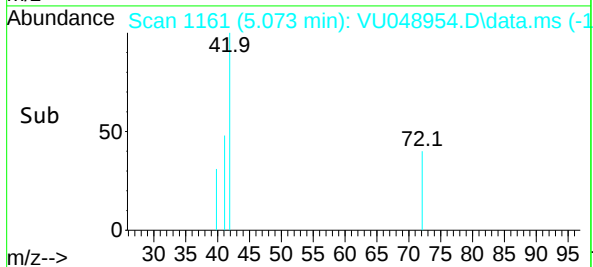
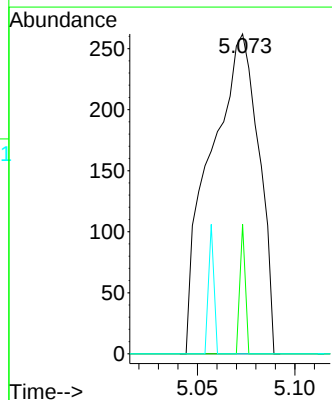
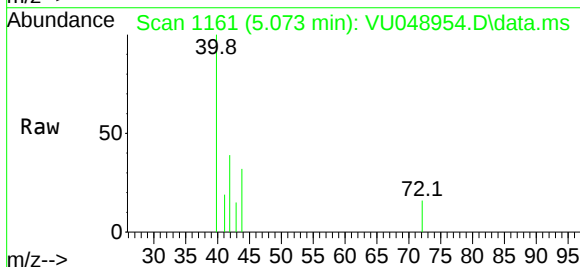
Tgt Ion: 42 Resp: 451

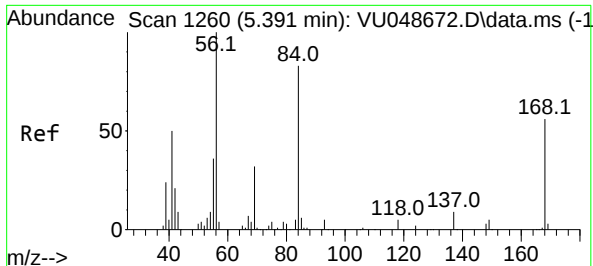
Ion Ratio Lower Upper

42 100

72 4.4 37.6 56.4#

71 4.4 35.0 52.4#

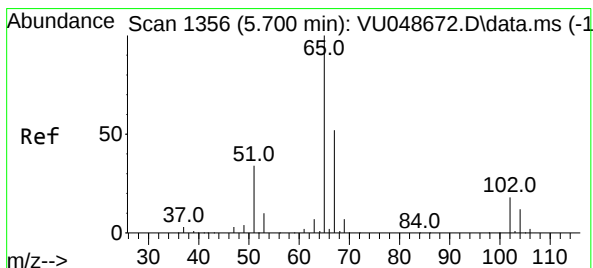
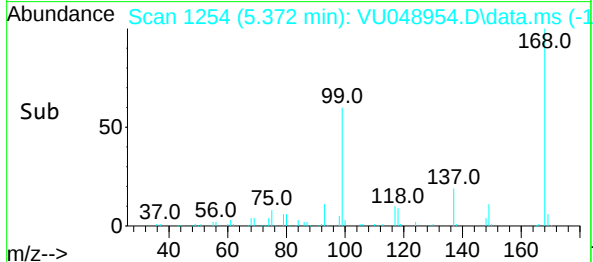
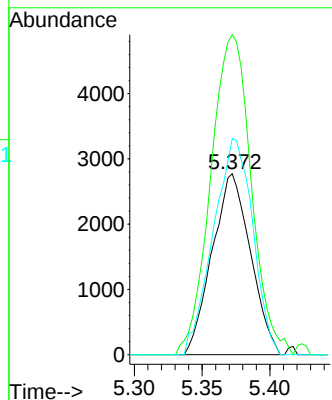
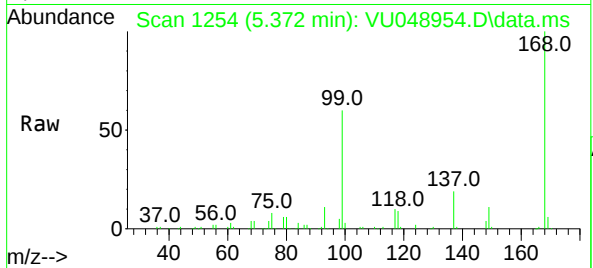




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.372 min Scan# 1260
Delta R.T. -0.019 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

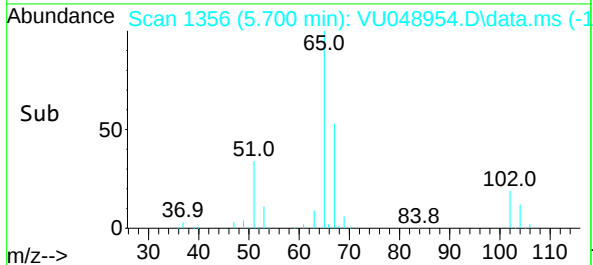
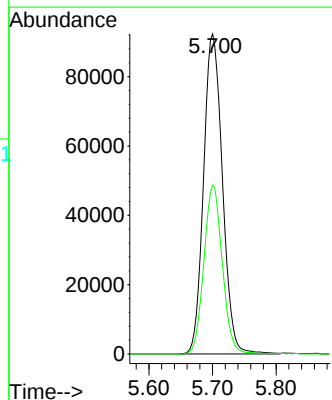
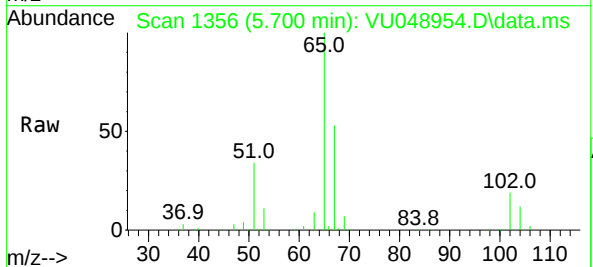
Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

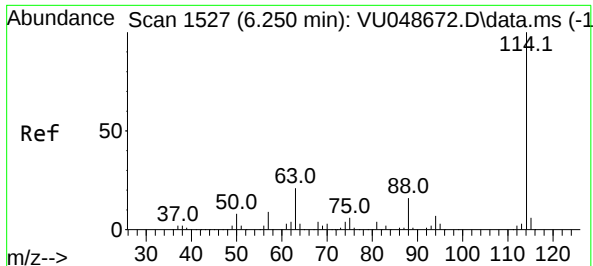
Tgt Ion: 56 Resp: 5452
Ion Ratio Lower Upper
56 100
69 171.5 25.6 38.4#
84 119.4 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 52.013 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion: 65 Resp: 190322
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048954.D

Acq: 08 Jun 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VU0608WBL01

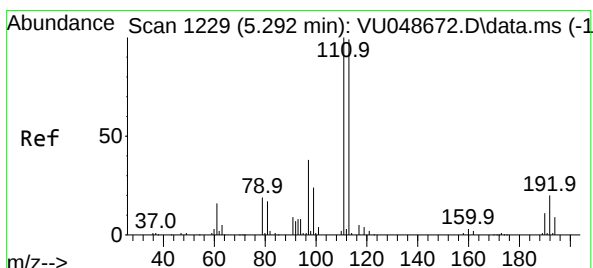
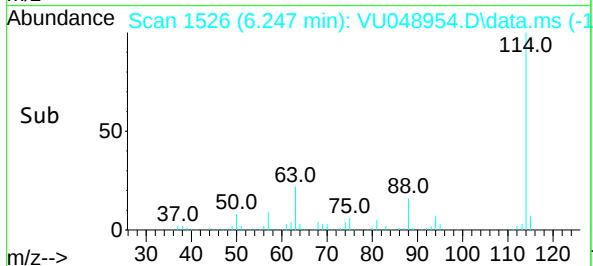
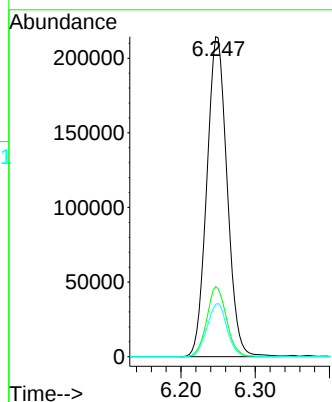
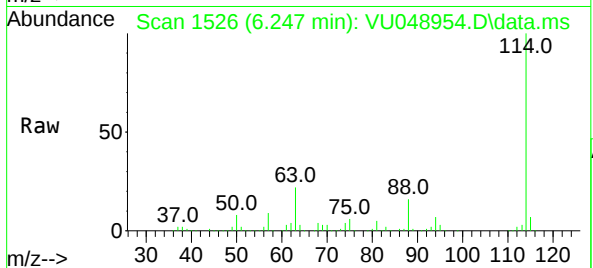
Tgt Ion:114 Resp: 405951

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.066 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048954.D

Acq: 08 Jun 2022 11:23

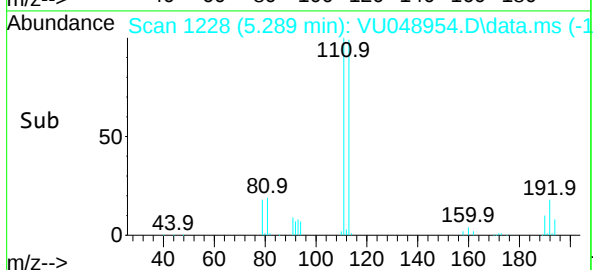
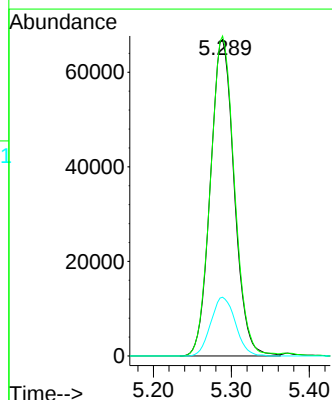
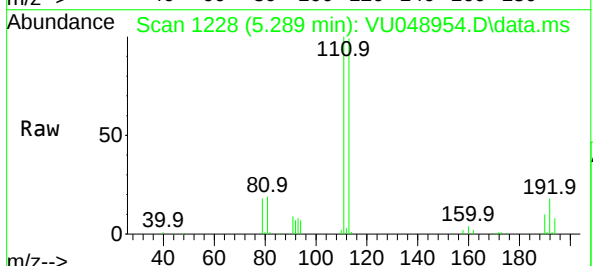
Tgt Ion:113 Resp: 142102

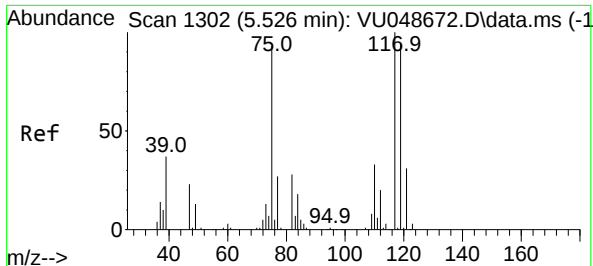
Ion Ratio Lower Upper

113 100

111 101.7 80.7 121.1

192 19.2 15.9 23.9

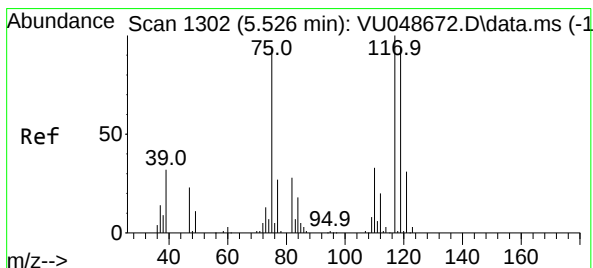
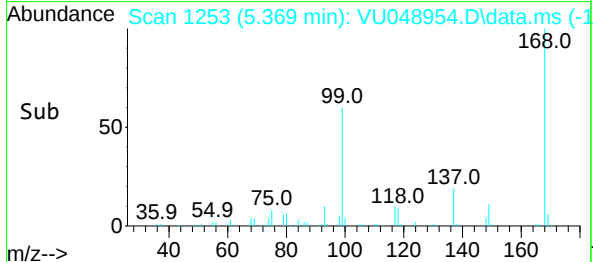
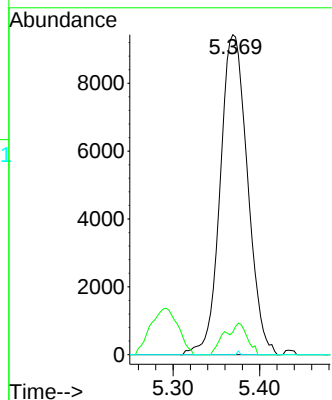
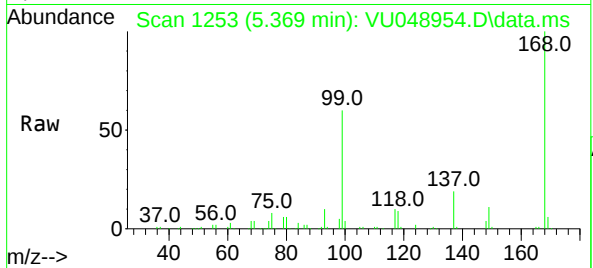




#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.157 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

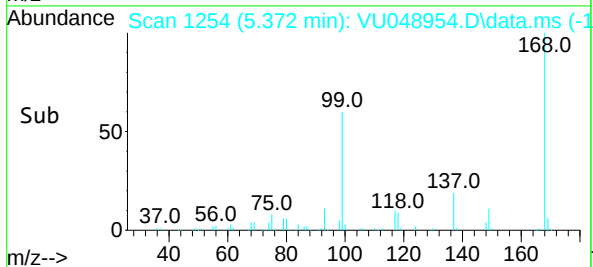
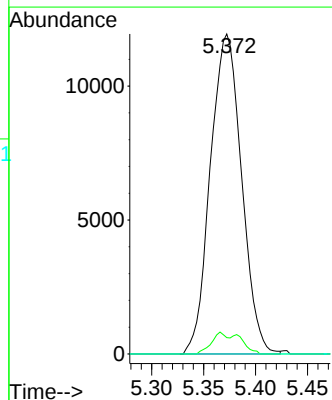
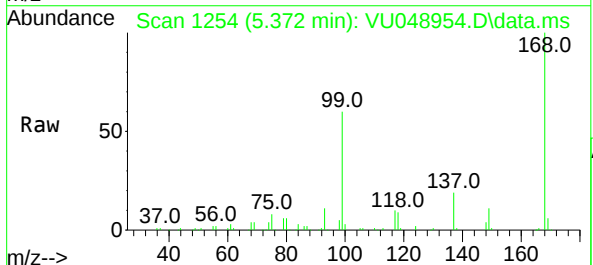
Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

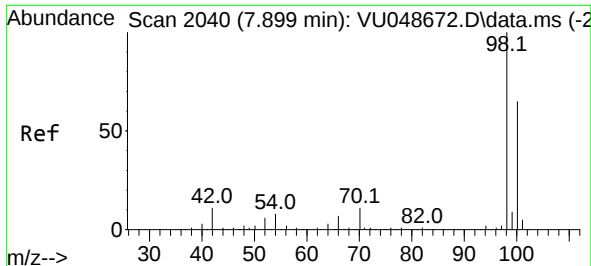
Tgt Ion: 75 Resp: 20689
Ion Ratio Lower Upper
75 100
110 5.0 17.4 52.3#
77 0.1 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.155 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion: 117 Resp: 24997
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.2#
121 0.0 24.6 36.8#

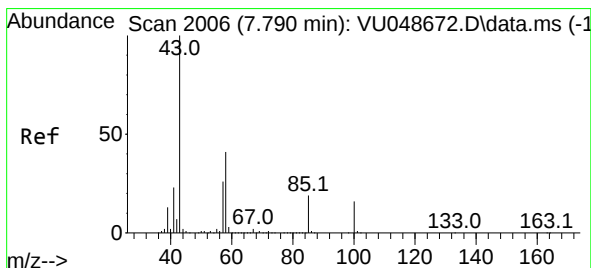
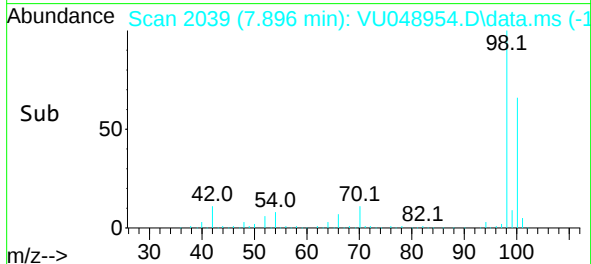
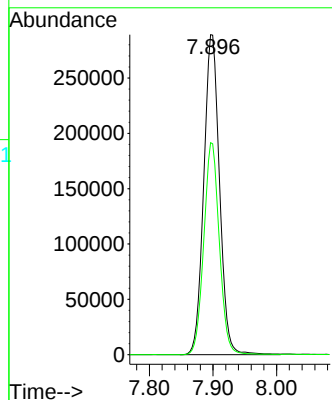
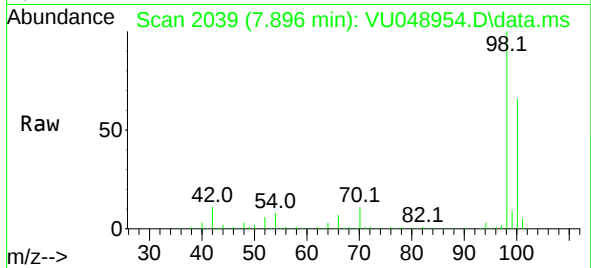




#50
Toluene-d8
Concen: 47.972 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

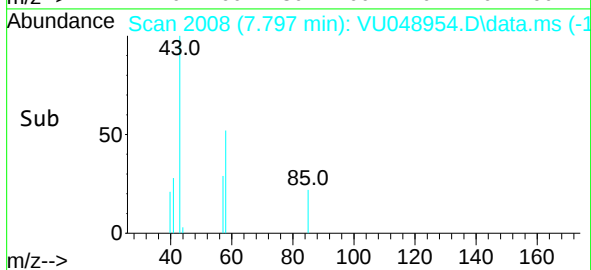
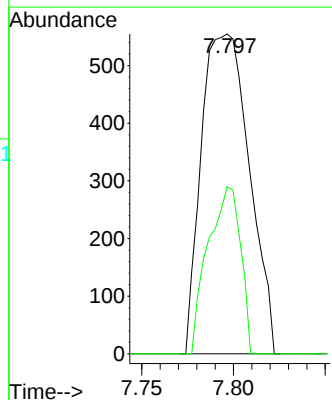
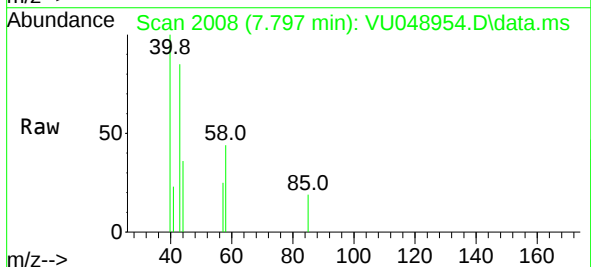
Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

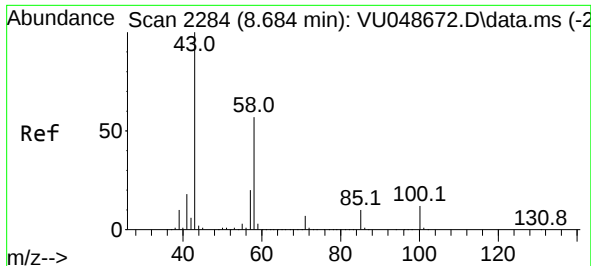
Tgt Ion: 98 Resp: 498023
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.200 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. 0.007 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 35.4 32.7 49.1

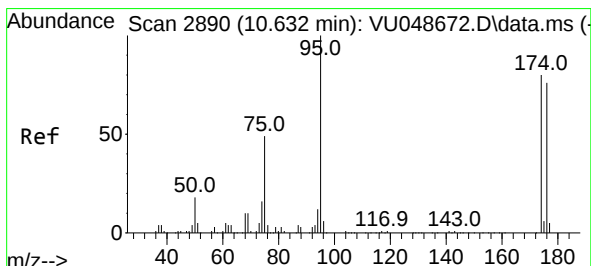
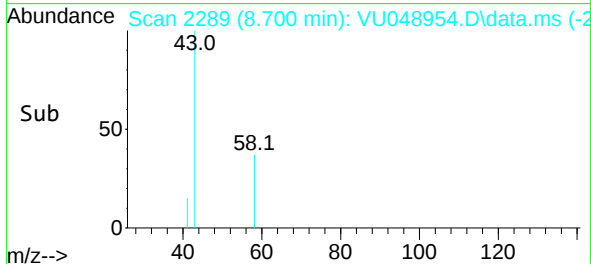
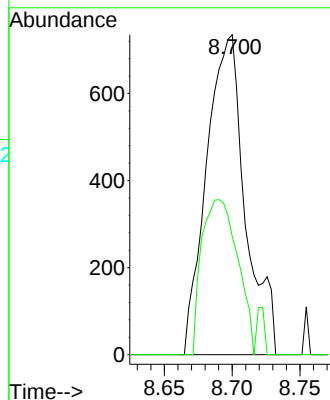
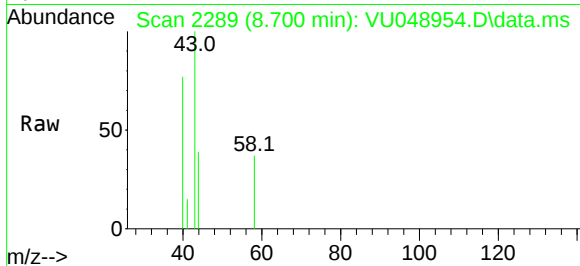




#59
2-Hexanone
Concen: 0.354 ug/l
RT: 8.700 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

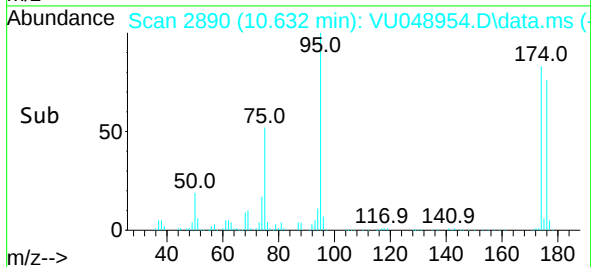
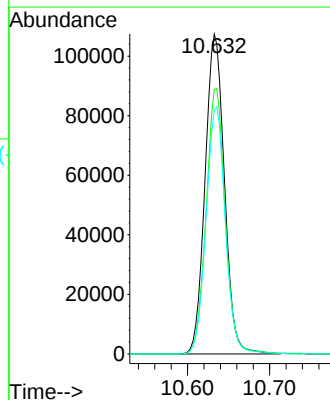
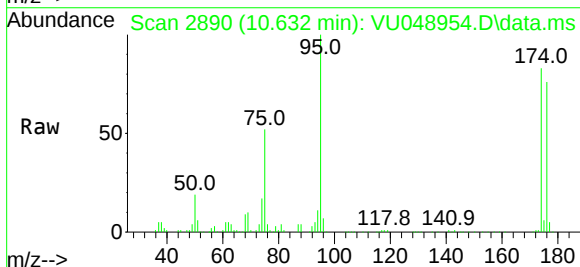
Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

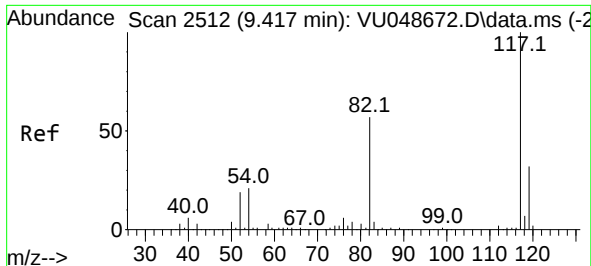
Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
58 44.8 28.2 84.6



#62
4-Bromofluorobenzene
Concen: 44.734 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion: 95 Resp: 175638
Ion Ratio Lower Upper
95 100
174 82.2 0.0 159.4
176 77.1 0.0 152.4

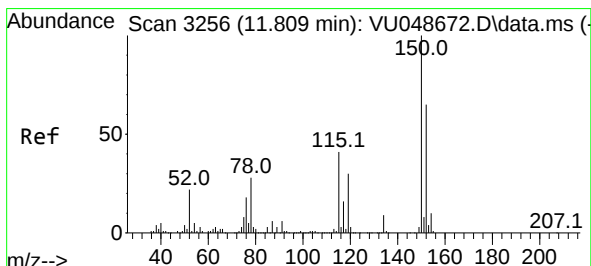
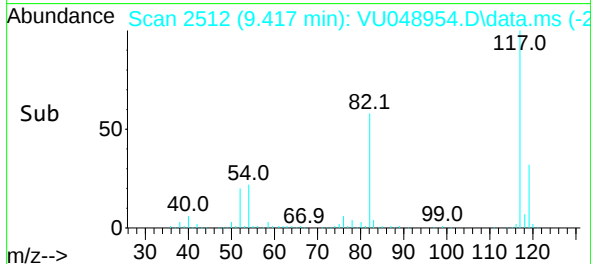
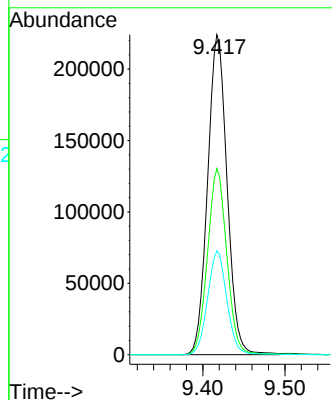
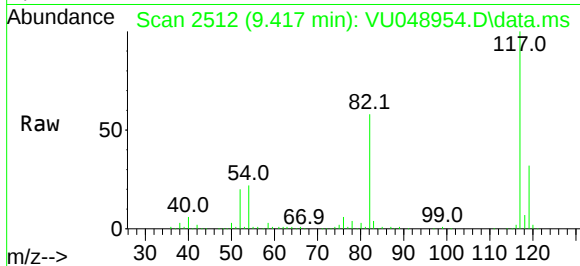




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

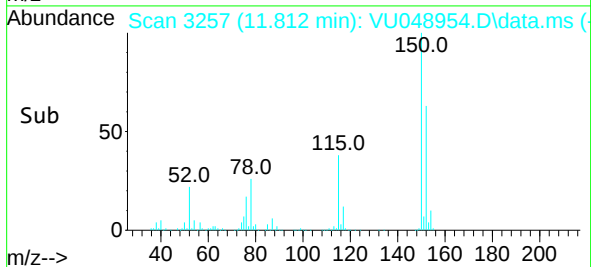
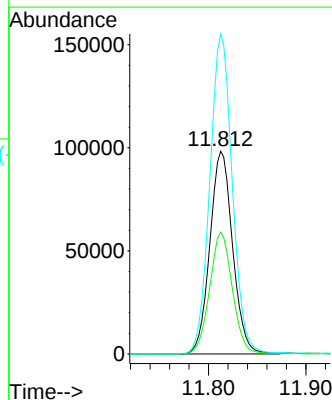
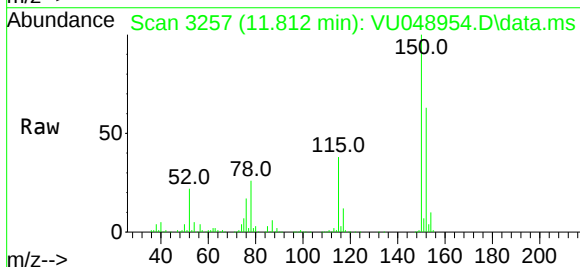
Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

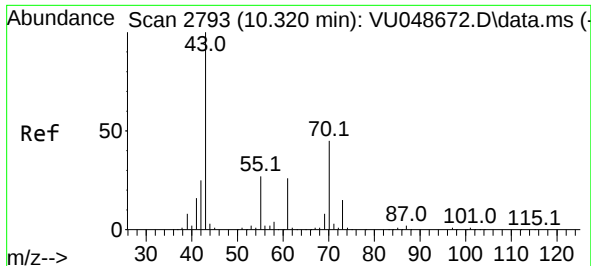
Tgt Ion:117 Resp: 369172
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion:152 Resp: 159628
Ion Ratio Lower Upper
152 100
115 59.9 41.8 125.4
150 156.0 0.0 341.0

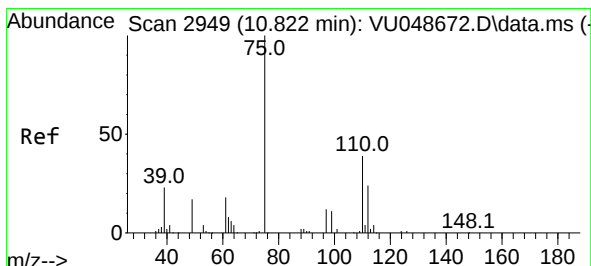
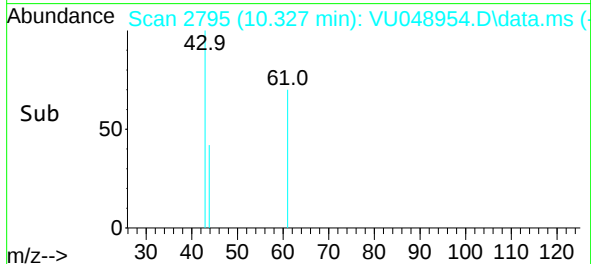
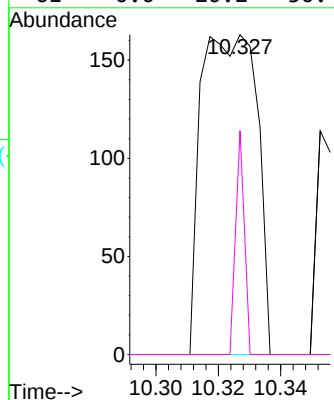
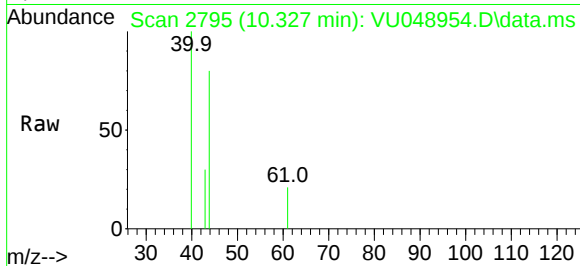




#74
N-amy1 acetate
Concen: 2.504 ug/l
RT: 10.327 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

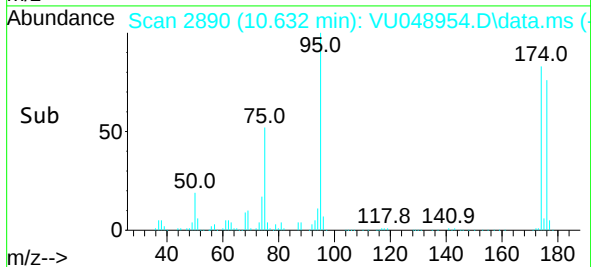
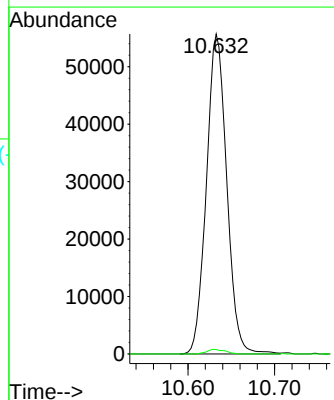
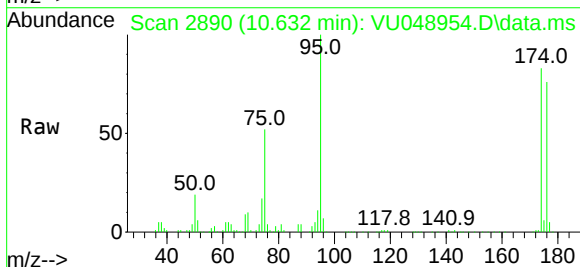
Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

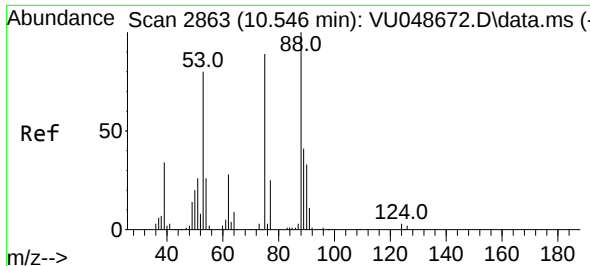
Tgt Ion: 43	Resp: 202
Ion Ratio	Lower Upper
43 100	
70 0.0	35.8 53.6#
55 0.0	21.1 31.7#
61 0.0	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 17.650 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion: 75	Resp: 90840
Ion Ratio	Lower Upper
75 100	
77 1.3	14.8 44.3#

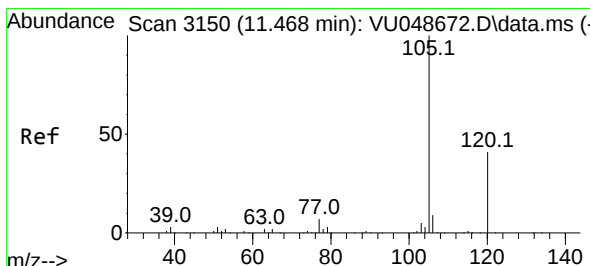
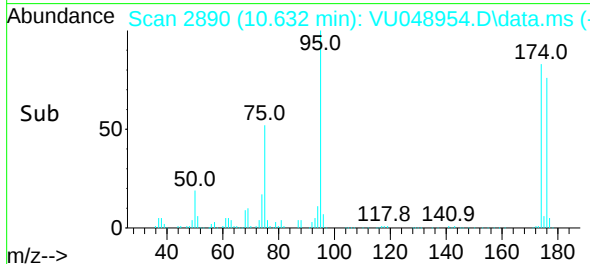
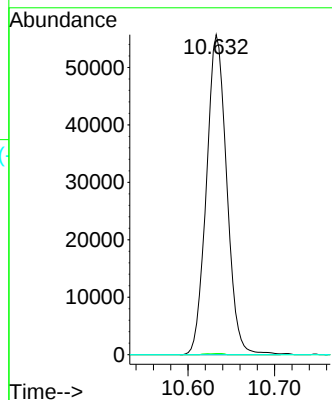
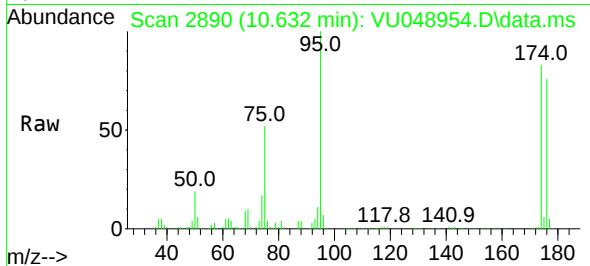




#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.084 ug/l
 RT: 10.632 min Scan# 2863
 Delta R.T. 0.087 min
 Lab File: VU048954.D
 Acq: 08 Jun 2022 11:23

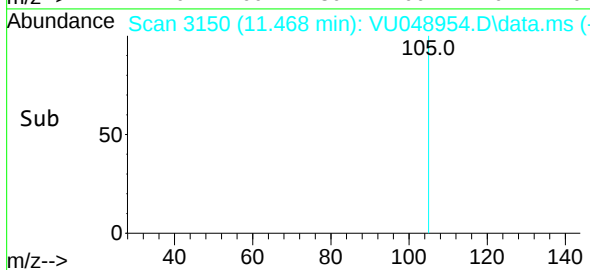
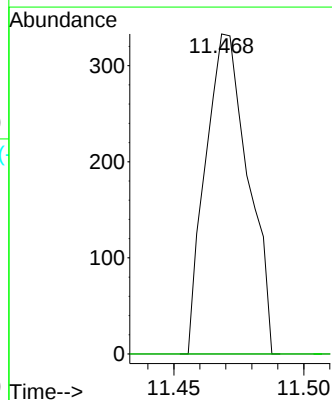
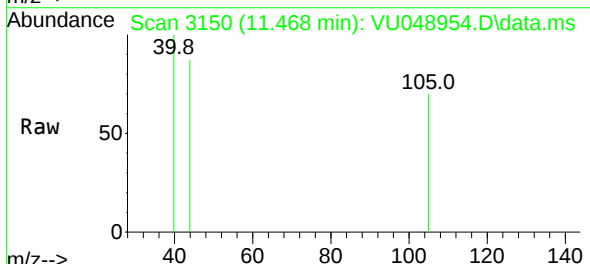
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608WBL01

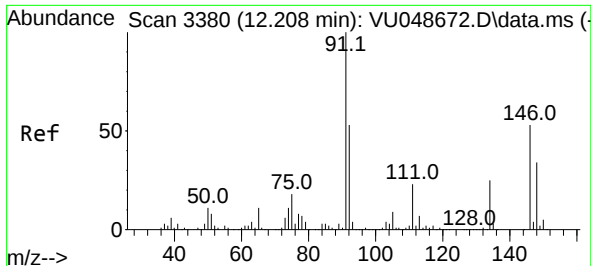
Tgt Ion: 75 Resp: 90840
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.5 108.7#
 89 0.0 37.0 55.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.225 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048954.D
 Acq: 08 Jun 2022 11:23

Tgt Ion: 105 Resp: 379
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.5 67.5#





#89

n-Butylbenzene

Concen: 2.323 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU048954.D

Acq: 08 Jun 2022 11:23

Instrument :

MSVOA_U

ClientSampleId :

VU0608WBL01

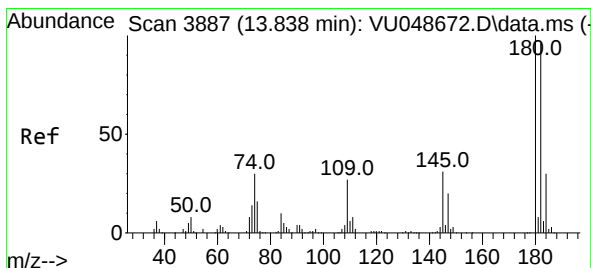
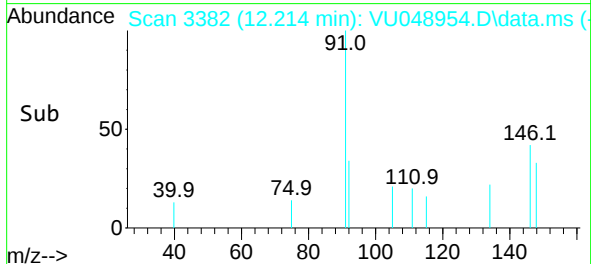
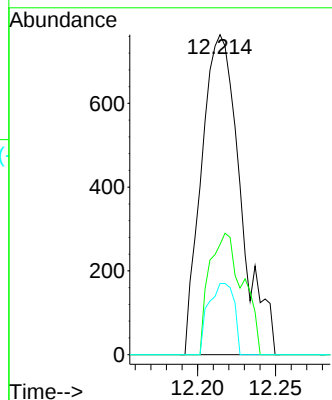
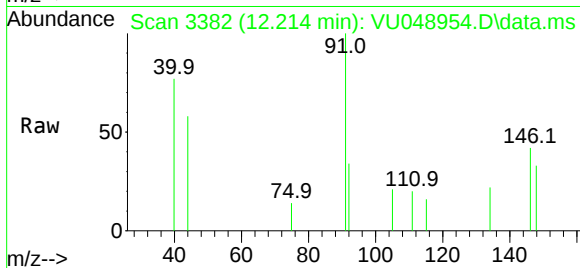
Tgt Ion: 91 Resp: 1327

Ion Ratio Lower Upper

91 100

92 32.5 25.9 77.8

134 14.5 12.5 37.5



#93

1,2,4-Trichlorobenzene

Concen: 0.282 ug/l

RT: 13.851 min Scan# 3891

Delta R.T. 0.013 min

Lab File: VU048954.D

Acq: 08 Jun 2022 11:23

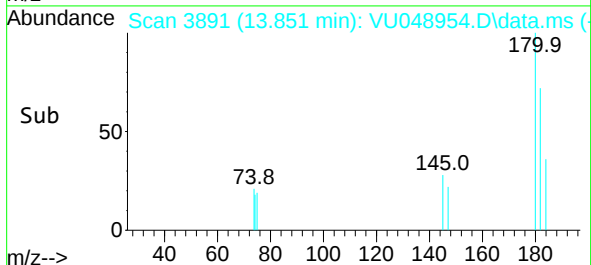
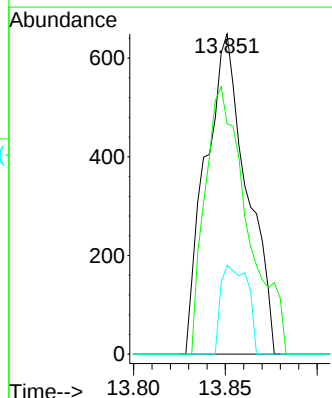
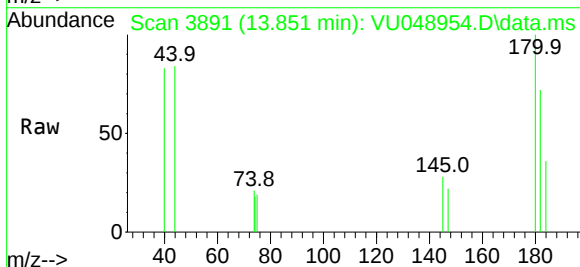
Tgt Ion:180 Resp: 1013

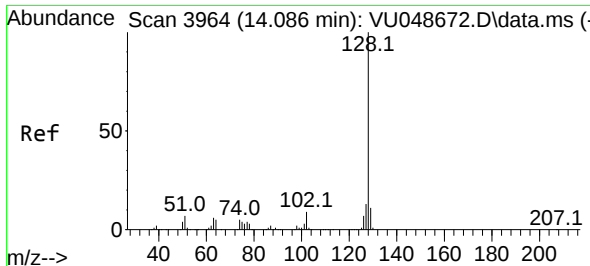
Ion Ratio Lower Upper

180 100

182 86.0 48.3 144.9

145 18.0 15.6 46.7

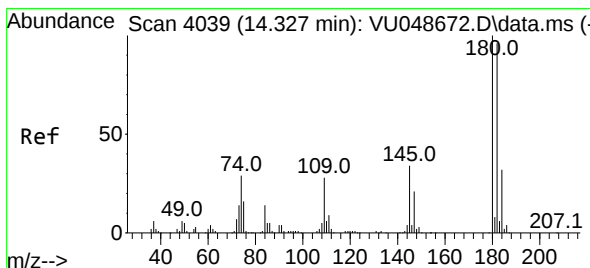
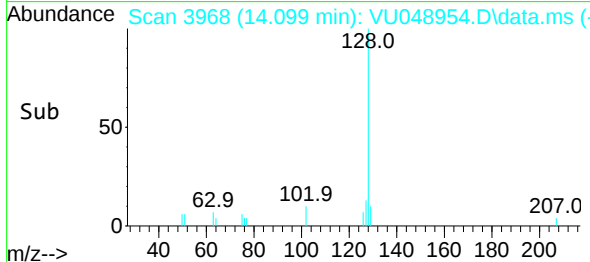
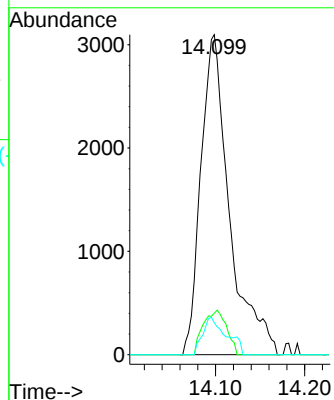
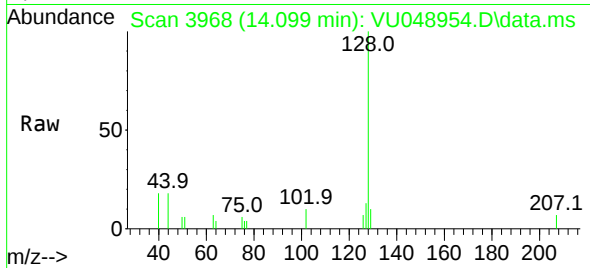




#95
Naphthalene
Concen: 3.055 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.012 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Instrument :
MSVOA_U
ClientSampleId :
VU0608WBL01

Tgt Ion:128	Resp:	6912
Ion Ratio	Lower	Upper
128	100	
127	11.4	10.2 15.4
129	9.6	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.281 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.013 min
Lab File: VU048954.D
Acq: 08 Jun 2022 11:23

Tgt Ion:180	Resp:	1001
Ion Ratio	Lower	Upper
180	100	
182	103.3	47.4 142.2
145	13.4	16.6 49.8

