

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048837.D
 Acq On : 03 Jun 2022 05:13
 Operator : SY/MD
 Sample : N3165-01 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 47BR-20220531

Quant Time: Jun 03 06:57:09 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)

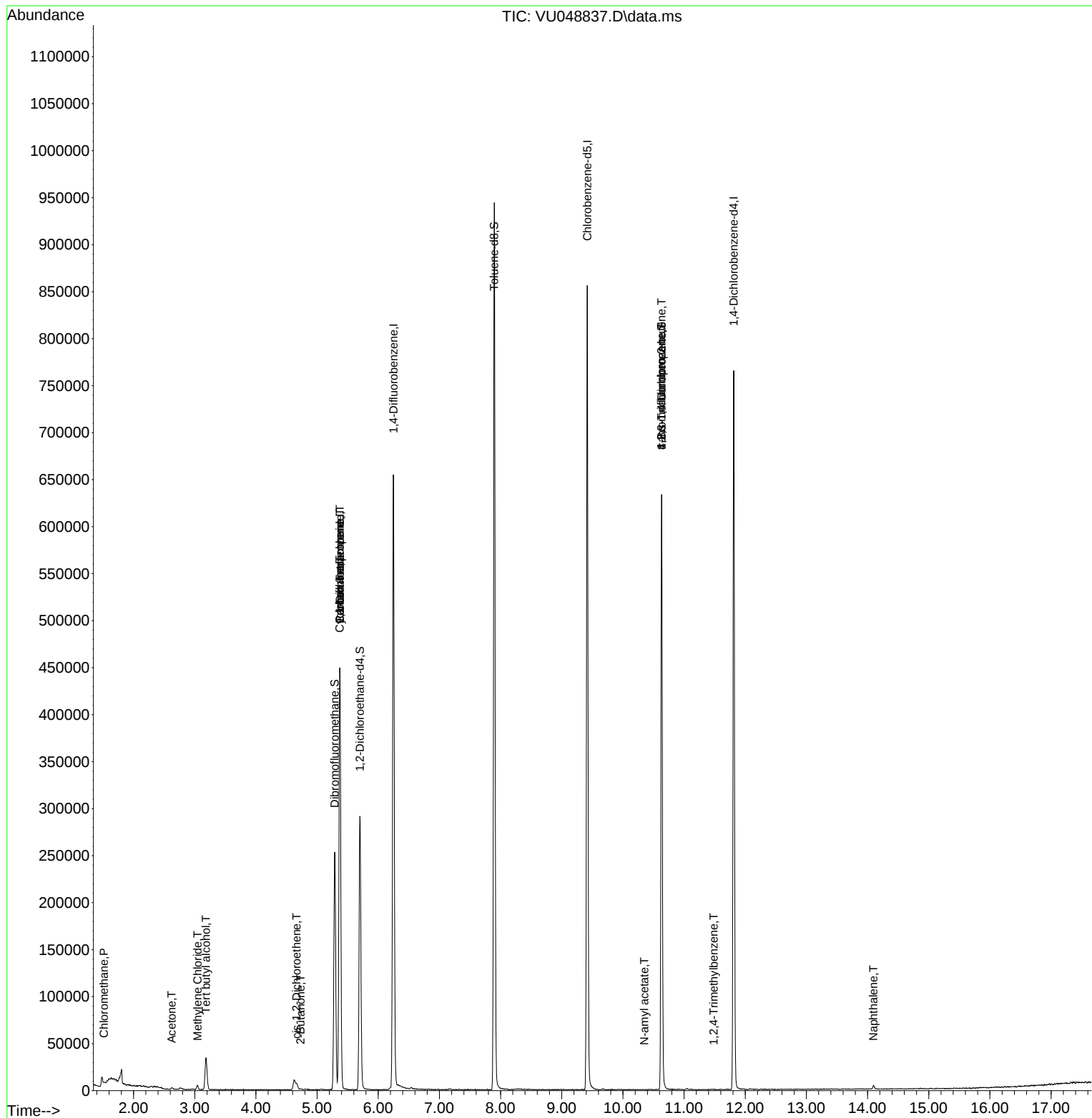
Internal Standards						
1) Pentafluorobenzene	5.372	168	307974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	523778	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	467382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	204828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	221032	47.789	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.580%		
35) Dibromofluoromethane	5.288	113	163006	43.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.240%		
50) Toluene-d8	7.896	98	626554	46.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.560%		
62) 4-Bromofluorobenzene	10.632	95	212747	41.996	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.000%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1131	0.249	ug/l	99
5) Bromomethane	1.848	94	340	Below Cal	#	63
6) Chloroethane	1.964	64	205	Below Cal	#	43
11) Tert butyl alcohol	3.182	59	21998	18.760	ug/l #	29
16) Acetone	2.623	43	2373	1.007	ug/l	90
20) Methylene Chloride	3.044	84	2165	0.540	ug/l	87
25) 2-Butanone	4.729	43	1235	0.365	ug/l	93
27) cis-1,2-Dichloroethene	4.665	96	2769	0.667	ug/l	87
31) Cyclohexane	5.369	56	6322	1.085	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	25225	4.625	ug/l #	50
38) Carbon Tetrachloride	5.372	117	32166	5.141	ug/l #	18
74) N-amyl acetate	10.349	43	19	2.470	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	107707	16.309	ug/l #	46
81) trans-1,4-Dichloro-2-b...	10.632	75	107707	59.216	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.484	105	172	1.200	ug/l #	31
95) Naphthalene	14.095	128	4587	2.803	ug/l #	87

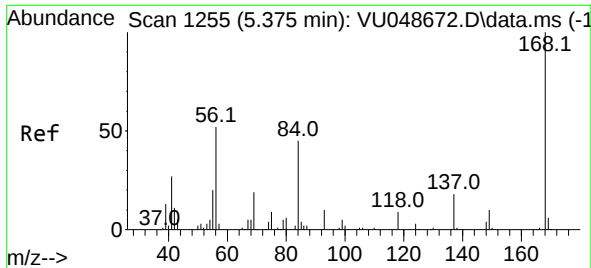
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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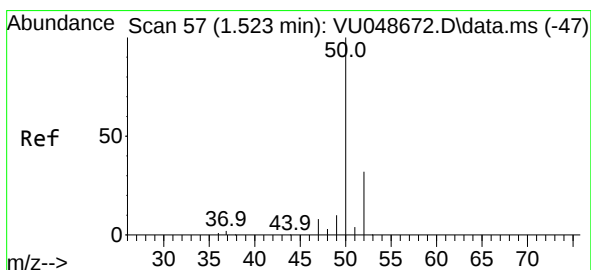
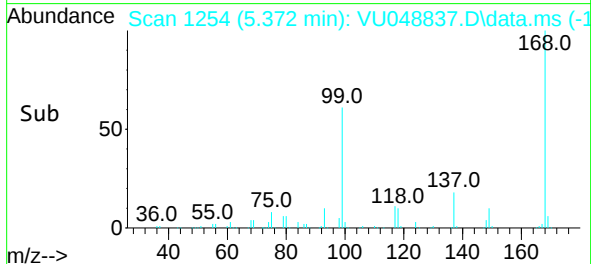
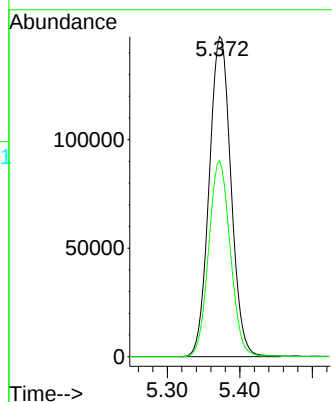
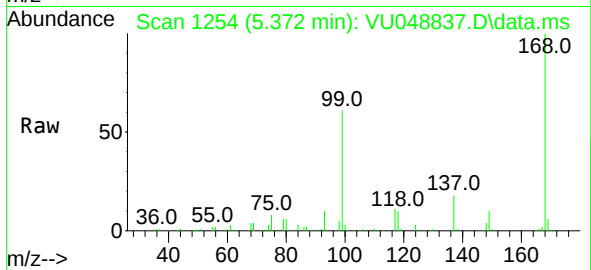




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

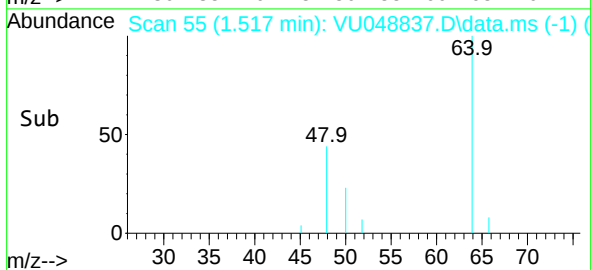
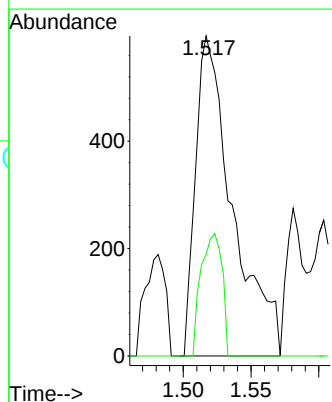
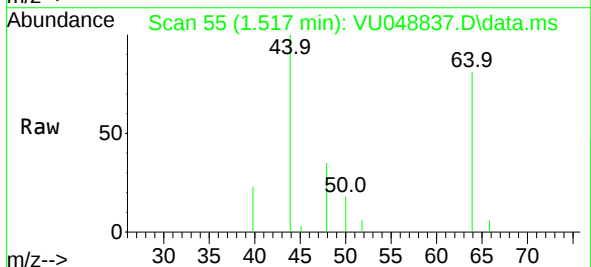
Instrument :
MSVOA_U
ClientSampleId :
47BR-20220531

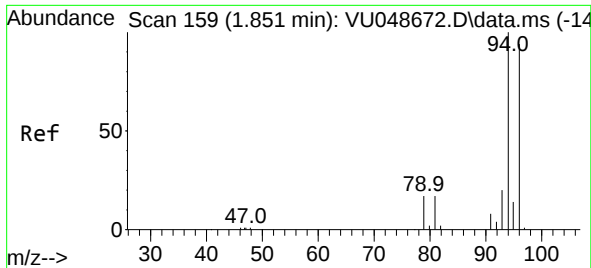
Tgt Ion:168 Resp: 307974
Ion Ratio Lower Upper
168 100
99 61.2 49.3 73.9



#3
Chloromethane
Concen: 0.249 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.007 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Tgt Ion: 50 Resp: 1131
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5

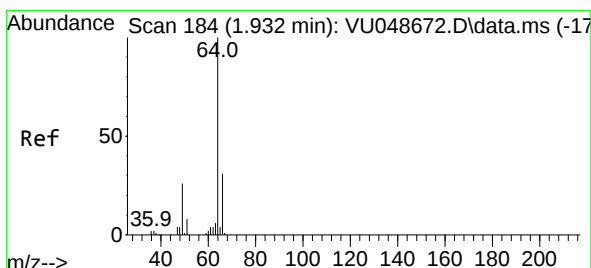
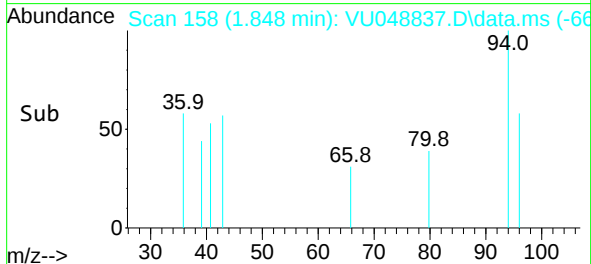
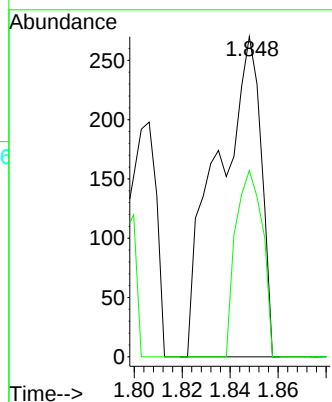
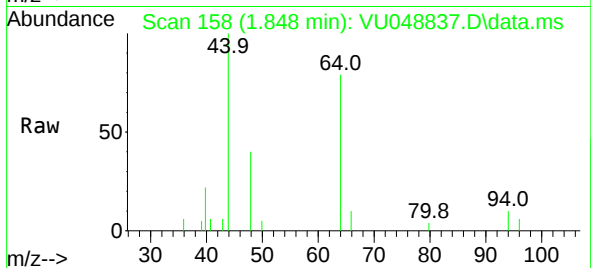




#5
Bromomethane
Concen: Below Cal
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

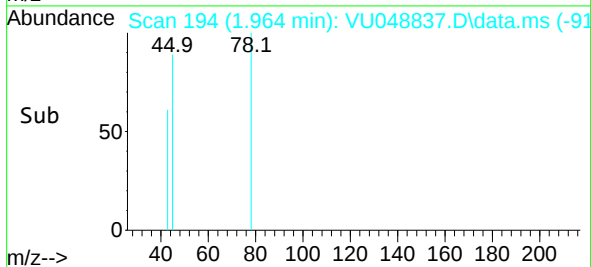
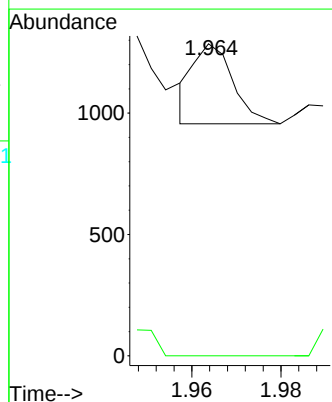
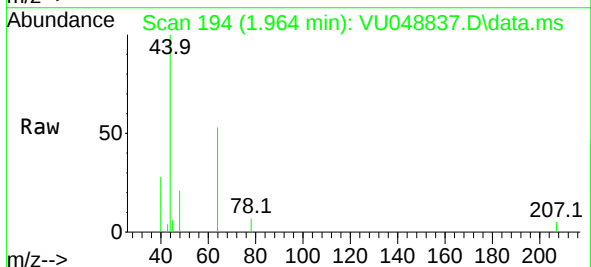
Instrument :
MSVOA_U
ClientSampleId :
47BR-20220531

Tgt Ion: 94 Resp: 340
Ion Ratio Lower Upper
94 100
96 58.1 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.964 min Scan# 194
Delta R.T. 0.032 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

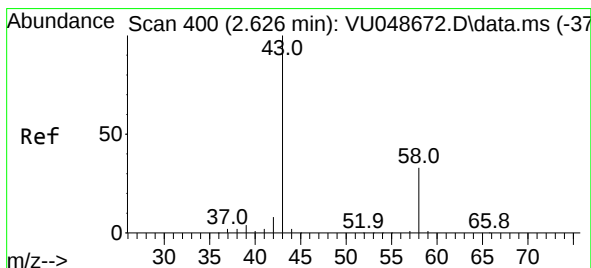
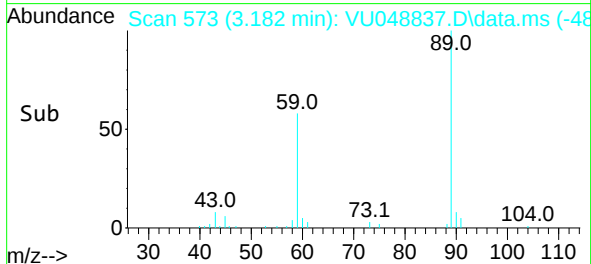
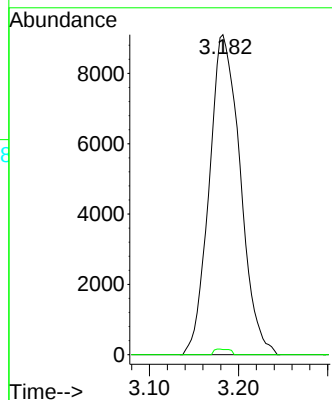
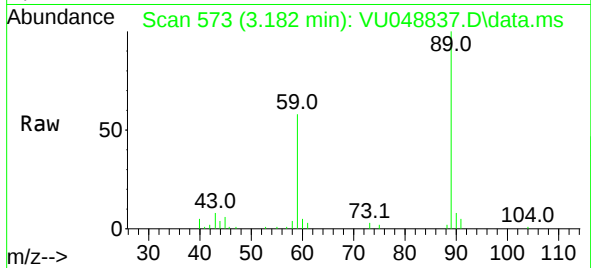




#11
Tert butyl alcohol
Concen: 18.760 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

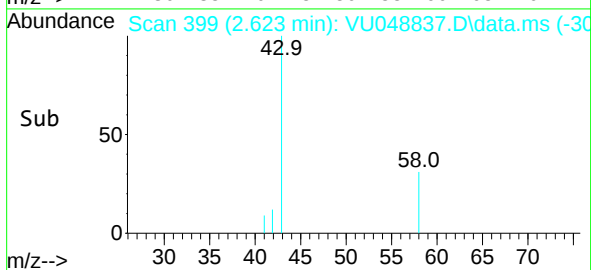
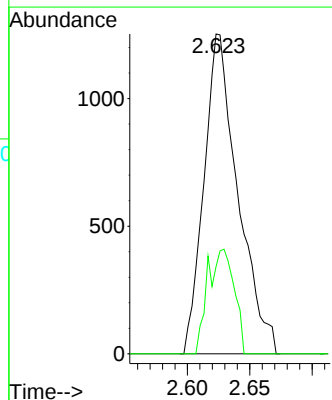
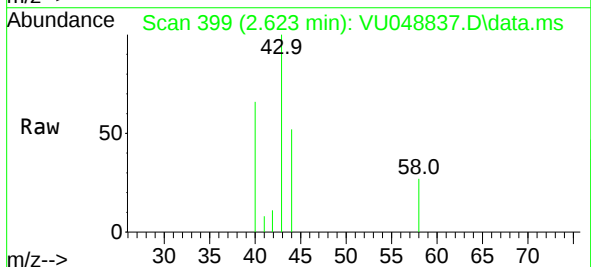
Instrument :
MSVOA_U
ClientSampleId :
47BR-20220531

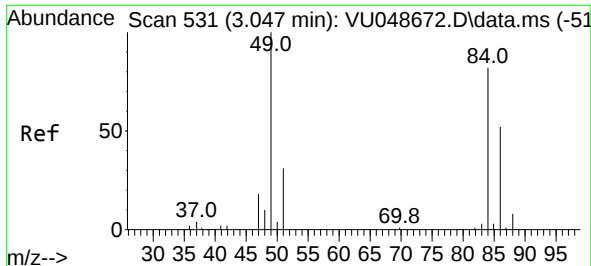
Tgt Ion: 59 Resp: 21998
Ion Ratio Lower Upper
59 100
57 0.9 39.7 59.5#



#16
Acetone
Concen: 1.007 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

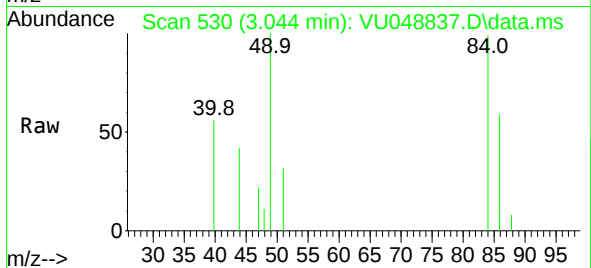
Tgt Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
58 27.3 26.3 39.5



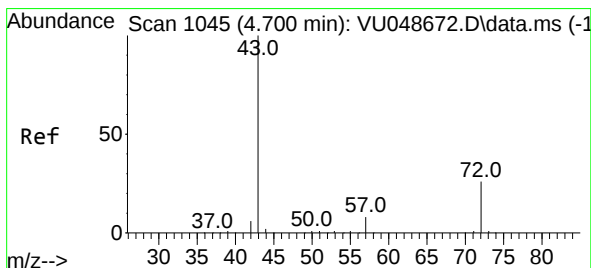
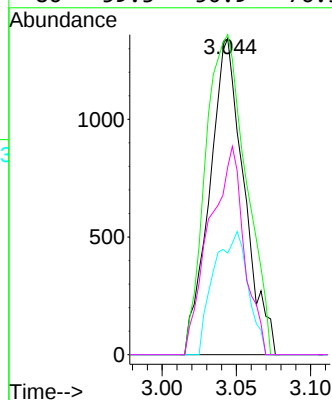
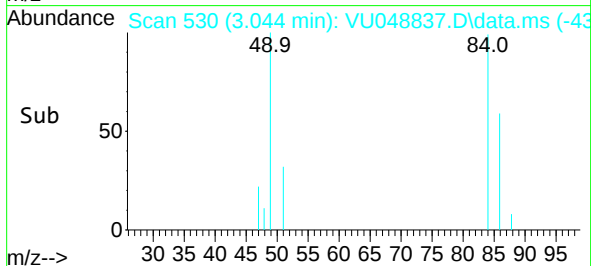


#20
Methylene Chloride
Concen: 0.540 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Instrument :
MSVOA_U
ClientSampleId :
47BR-20220531

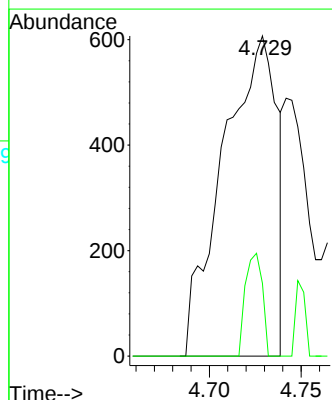
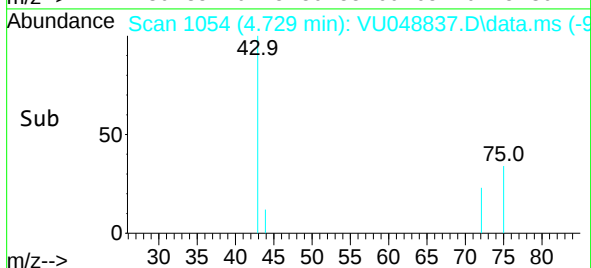
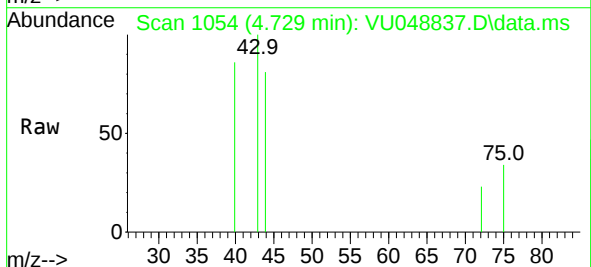


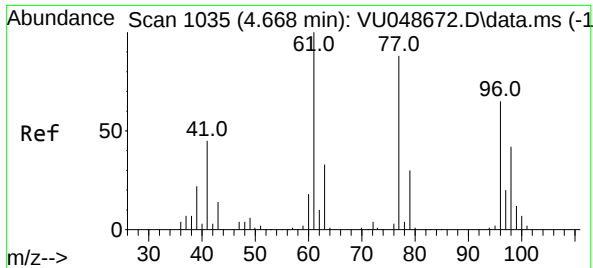
Tgt Ion:	84	Resp:	2165
Ion	Ratio	Lower	Upper
84	100		
49	101.2	97.0	145.4
51	32.1	29.8	44.8
86	59.3	50.9	76.3



#25
2-Butanone
Concen: 0.365 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.029 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Tgt Ion:	43	Resp:	1235
Ion	Ratio	Lower	Upper
43	100		
72	22.7	21.1	31.7

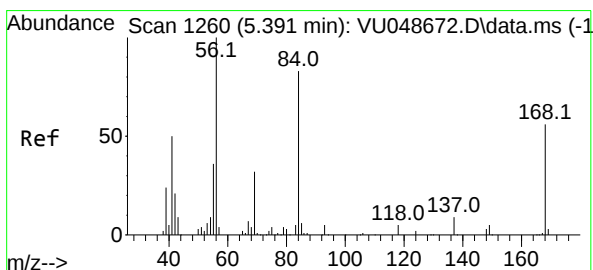
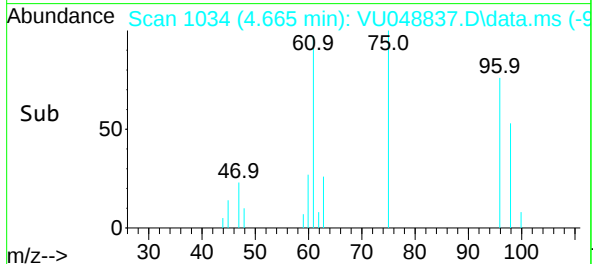
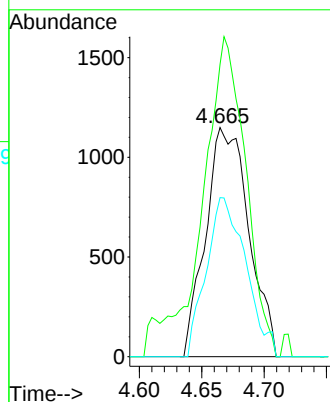
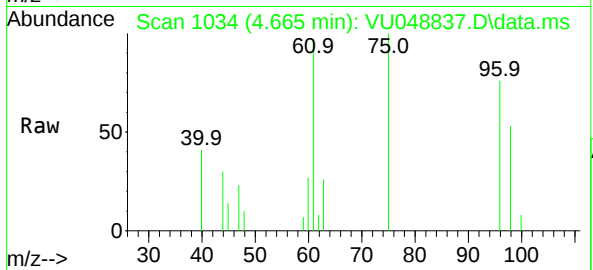




#27
 cis-1,2-Dichloroethene
 Concen: 0.667 ug/l
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU048837.D
 Acq: 03 Jun 2022 05:13

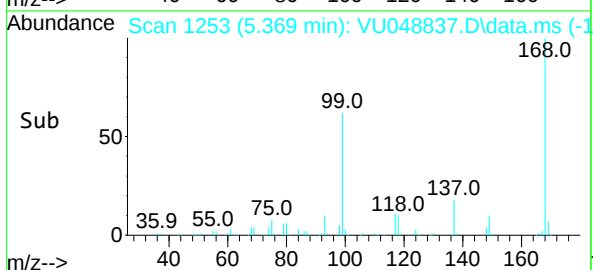
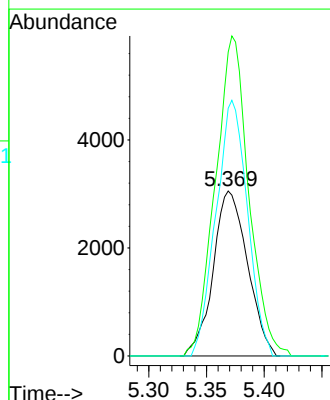
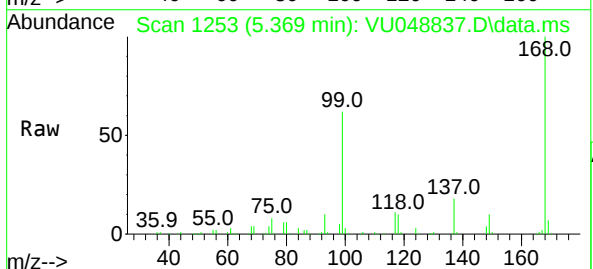
Instrument :
 MSVOA_U
 ClientSampleId :
 47BR-20220531

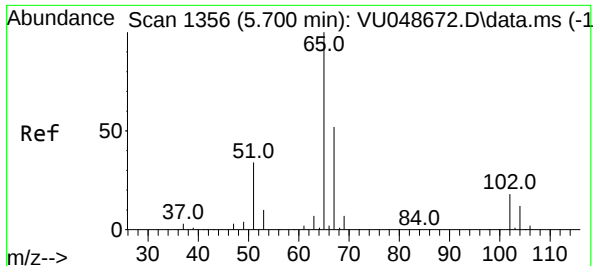
Tgt Ion: 96	Resp: 2769
Ion Ratio	Lower Upper
96 100	
61 129.6	0.0 306.2
98 63.5	0.0 130.4



#31
 Cyclohexane
 Concen: 1.085 ug/l
 RT: 5.369 min Scan# 1253
 Delta R.T. -0.023 min
 Lab File: VU048837.D
 Acq: 03 Jun 2022 05:13

Tgt Ion: 56	Resp: 6322		
Ion Ratio	Lower	Upper	
56 100			
69 184.2	25.6	38.4#	
84 150.2	66.2	99.4#	





#33

1,2-Dichloroethane-d4

Concen: 47.789 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048837.D

Acq: 03 Jun 2022 05:13

Instrument :

MSVOA_U

ClientSampleId :

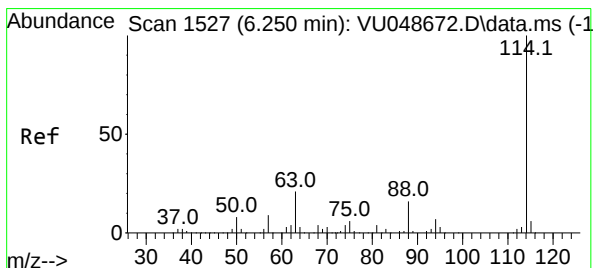
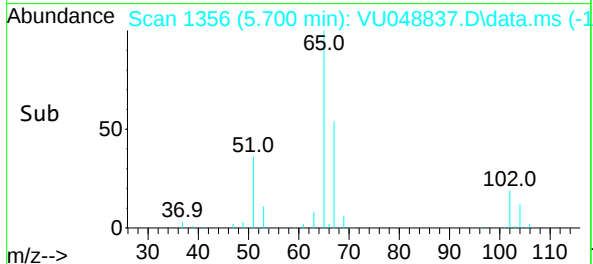
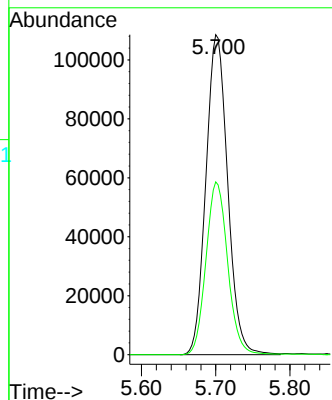
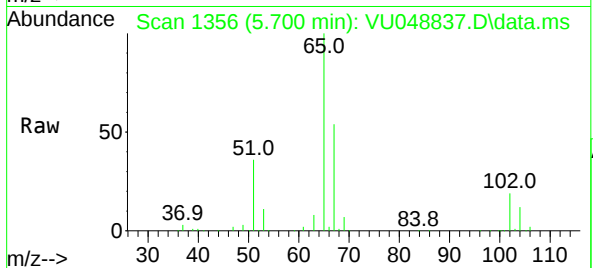
47BR-20220531

Tgt Ion: 65 Resp: 221032

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048837.D

Acq: 03 Jun 2022 05:13

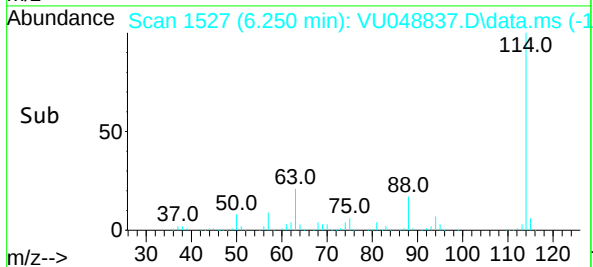
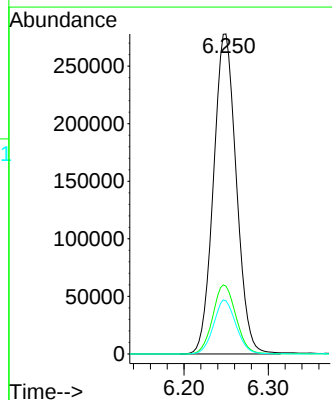
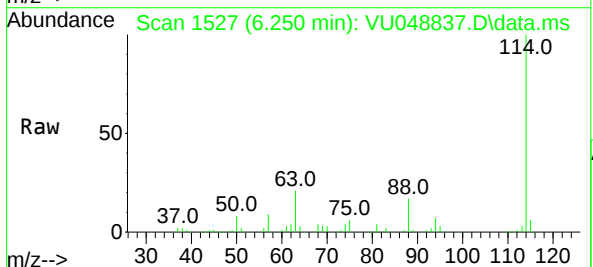
Tgt Ion: 114 Resp: 523778

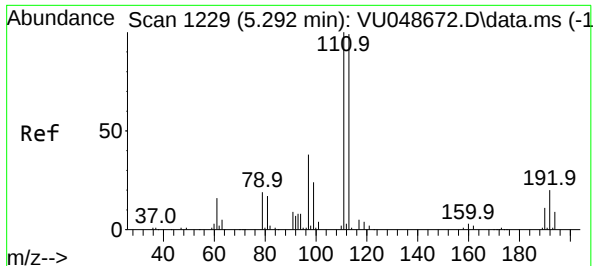
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 43.622 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048837.D

Acq: 03 Jun 2022 05:13

Instrument :

MSVOA_U

ClientSampleId :

47BR-20220531

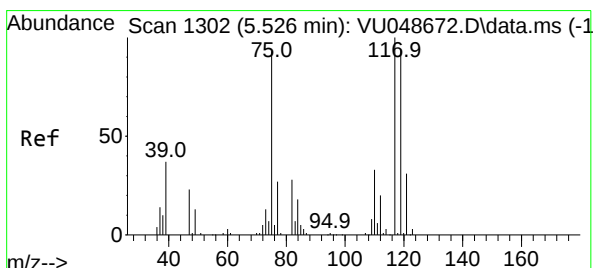
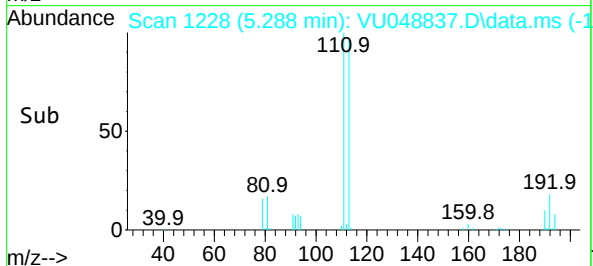
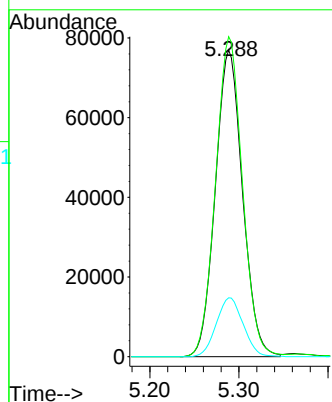
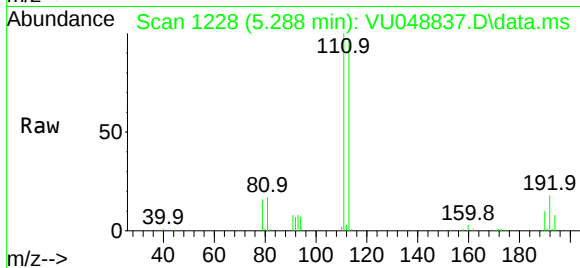
Tgt Ion:113 Resp: 163006

Ion Ratio Lower Upper

113 100

111 103.3 80.7 121.1

192 19.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.625 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048837.D

Acq: 03 Jun 2022 05:13

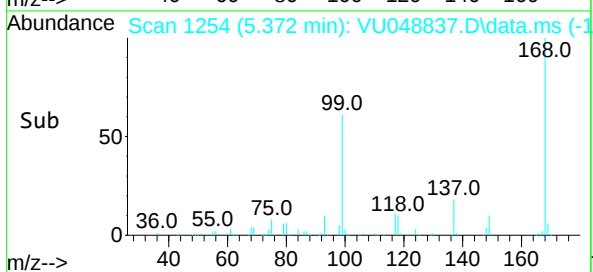
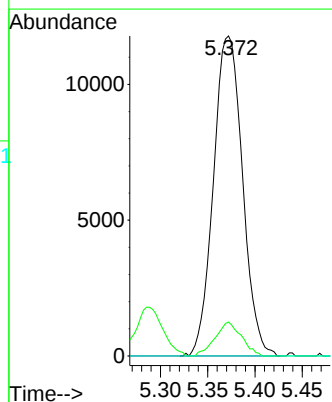
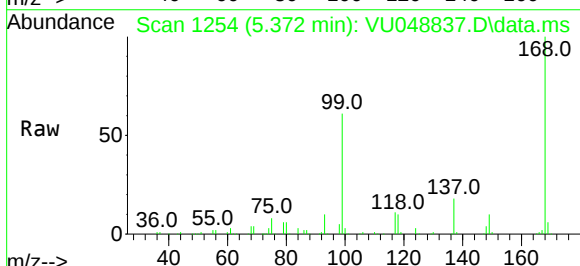
Tgt Ion: 75 Resp: 25225

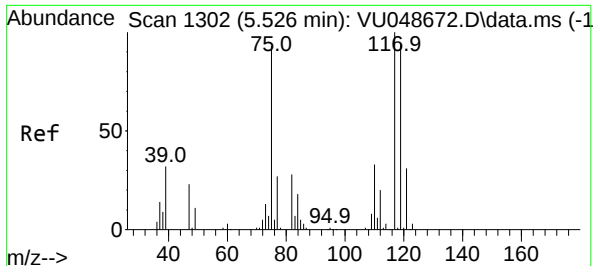
Ion Ratio Lower Upper

75 100

110 9.6 17.4 52.3#

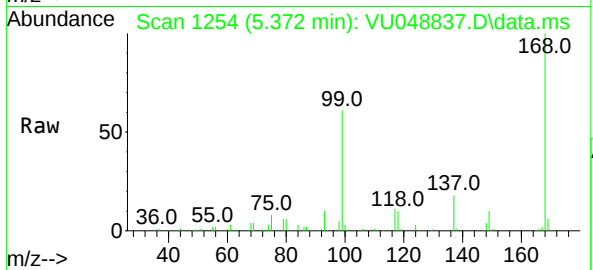
77 0.0 24.8 37.2#



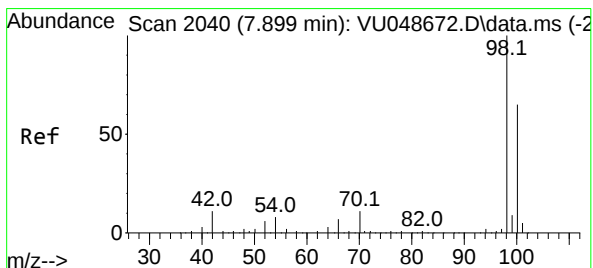
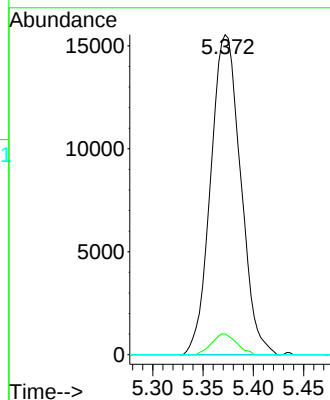
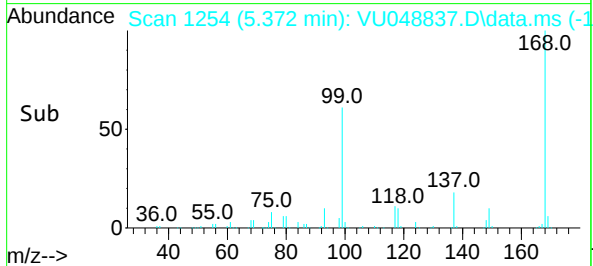


#38
Carbon Tetrachloride
Concen: 5.141 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Instrument :
MSVOA_U
ClientSampleId :
47BR-20220531

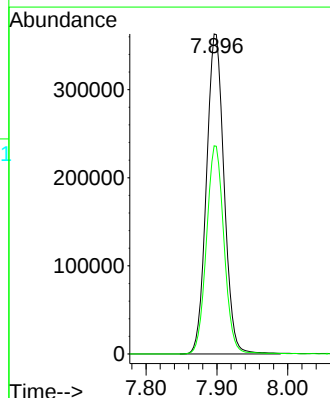
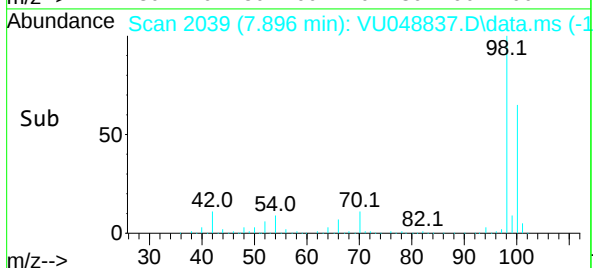
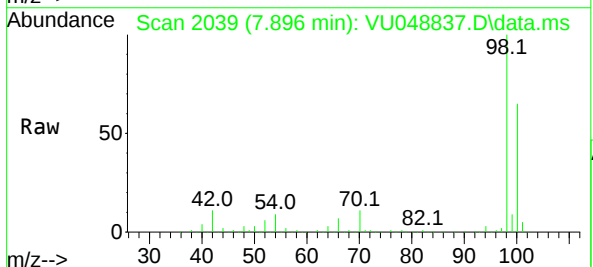


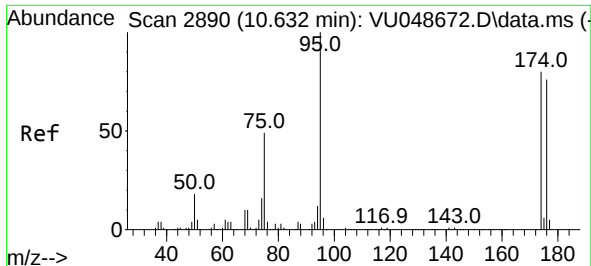
Tgt Ion:117 Resp: 32166
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 46.776 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Tgt Ion: 98 Resp: 626554
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

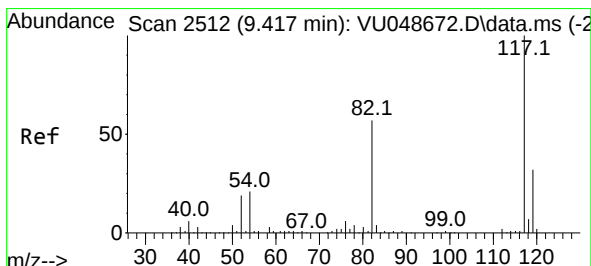
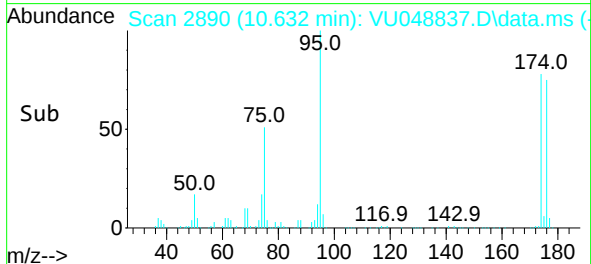
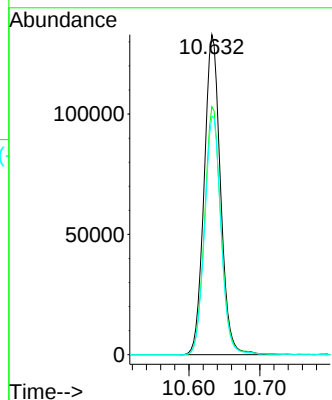
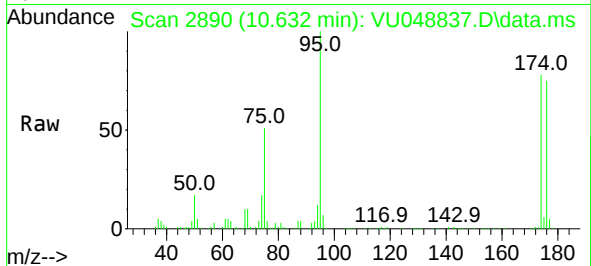




#62
4-Bromofluorobenzene
Concen: 41.996 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

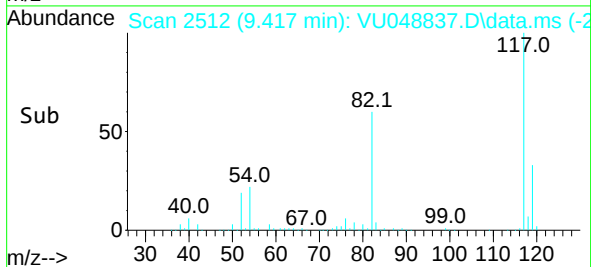
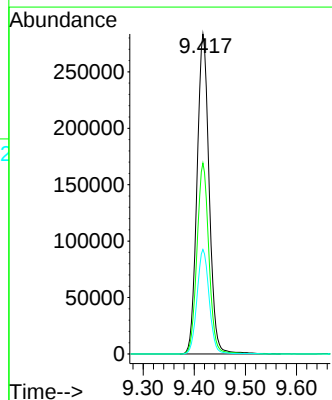
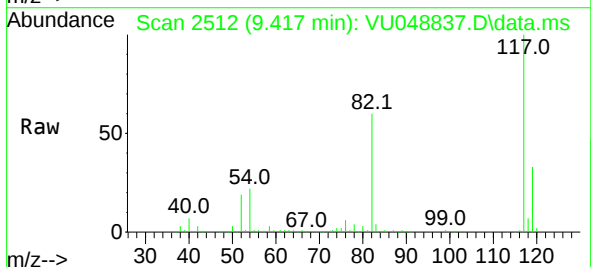
Instrument :
MSVOA_U
ClientSampleId :
47BR-20220531

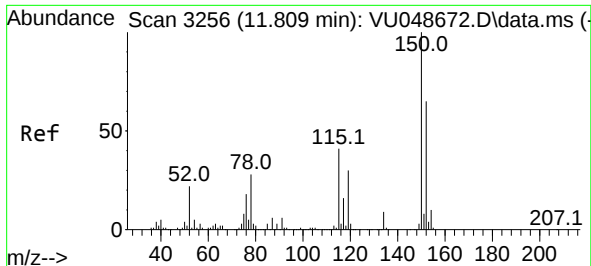
Tgt Ion: 95 Resp: 212747
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.4
176 74.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Tgt Ion: 117 Resp: 467382
Ion Ratio Lower Upper
117 100
82 59.6 45.3 67.9
119 32.7 25.4 38.2

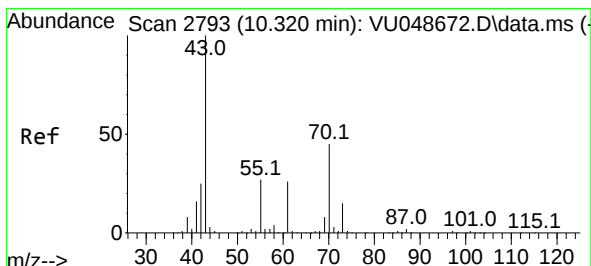
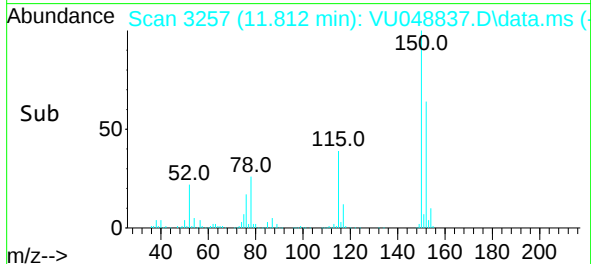
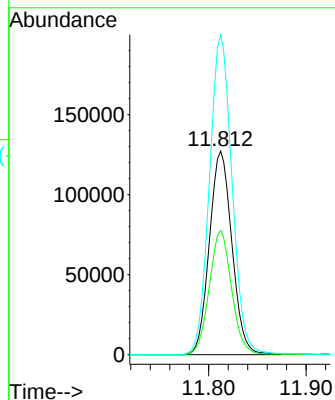
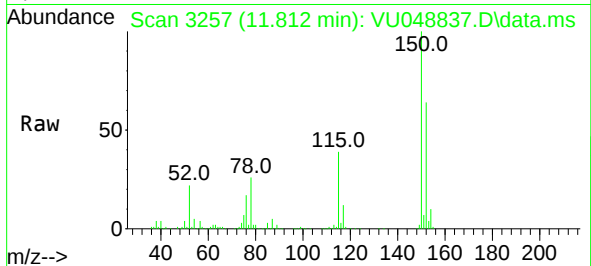




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

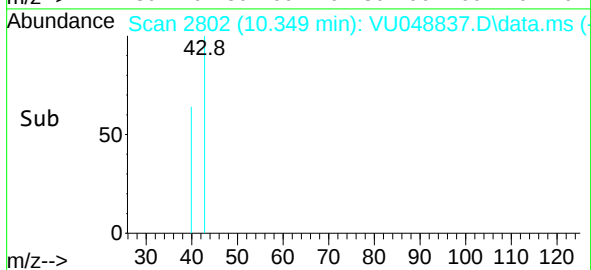
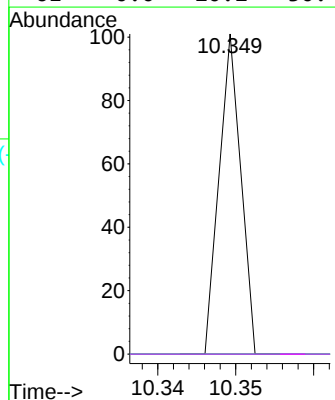
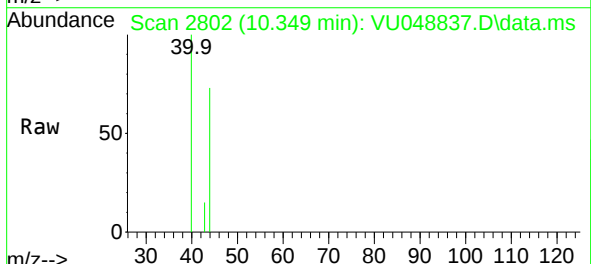
Instrument :
MSVOA_U
ClientSampleId :
47BR-20220531

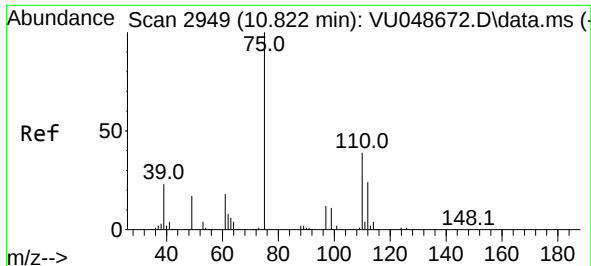
Tgt Ion:152 Resp: 204828
Ion Ratio Lower Upper
152 100
115 60.5 41.8 125.4
150 157.0 0.0 341.0



#74
N-ethyl acetate
Concen: 2.470 ug/l
RT: 10.349 min Scan# 2802
Delta R.T. 0.029 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Tgt Ion: 43 Resp: 19
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#

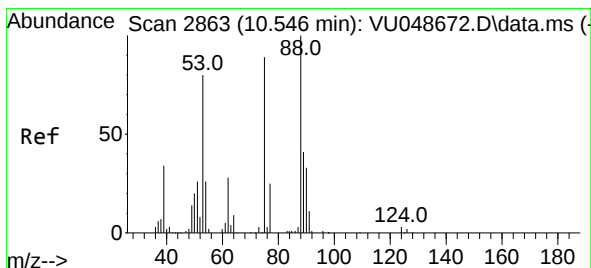
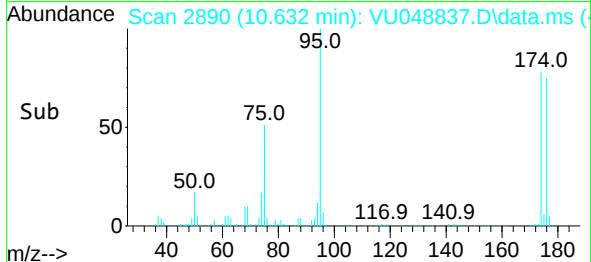
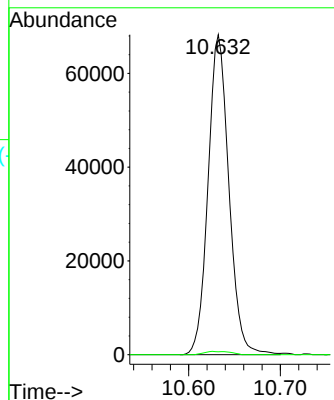
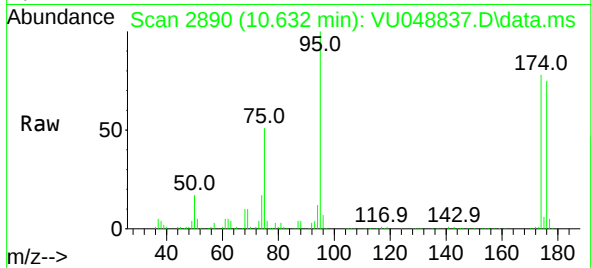




#76
1,2,3-Trichloropropane
Concen: 16.309 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

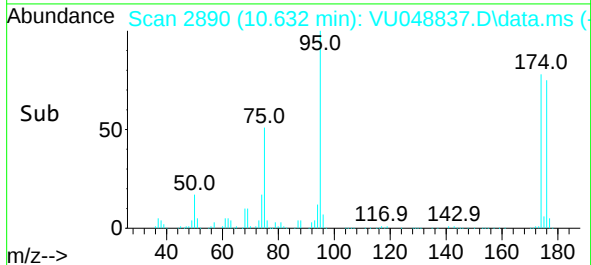
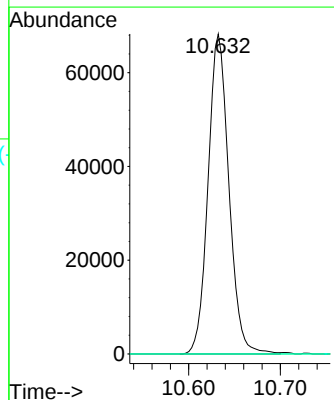
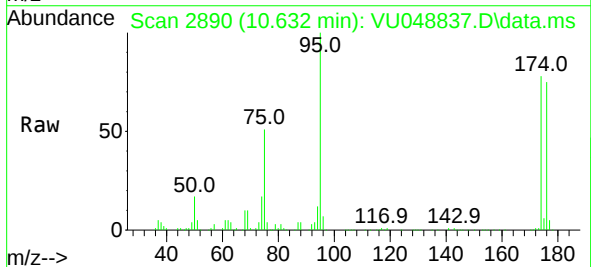
Instrument :
MSVOA_U
ClientSampleId :
47BR-20220531

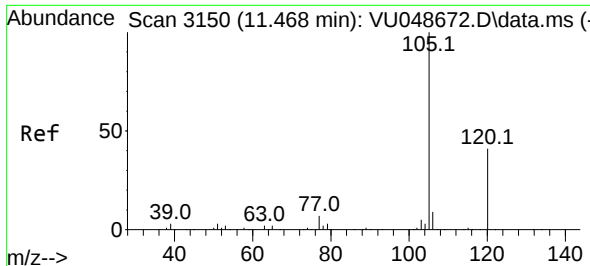
Tgt Ion: 75 Resp: 107707
Ion Ratio Lower Upper
75 100
77 0.7 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.216 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Tgt Ion: 75 Resp: 107707
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

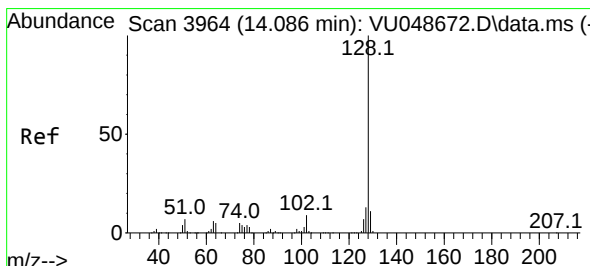
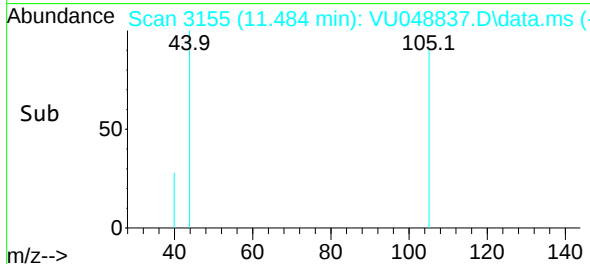
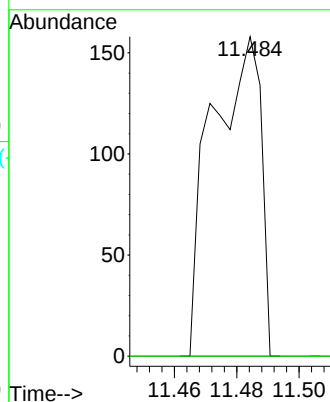
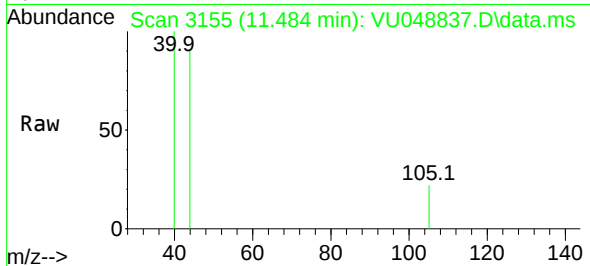




#84
1,2,4-Trimethylbenzene
Concen: 1.200 ug/l
RT: 11.484 min Scan# 3155
Delta R.T. 0.016 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Instrument :
MSVOA_U
ClientSampleId :
47BR-20220531

Tgt Ion:105 Resp: 172
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#



#95
Naphthalene
Concen: 2.803 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU048837.D
Acq: 03 Jun 2022 05:13

Tgt Ion:128 Resp: 4587
Ion Ratio Lower Upper
128 100
127 8.0 10.2 15.4#
129 6.0 8.7 13.1#

