

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048841.D
 Acq On : 03 Jun 2022 06:47
 Operator : SY/MD
 Sample : N3165-05 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 53BR-20220531

Quant Time: Jun 03 08:54:02 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)

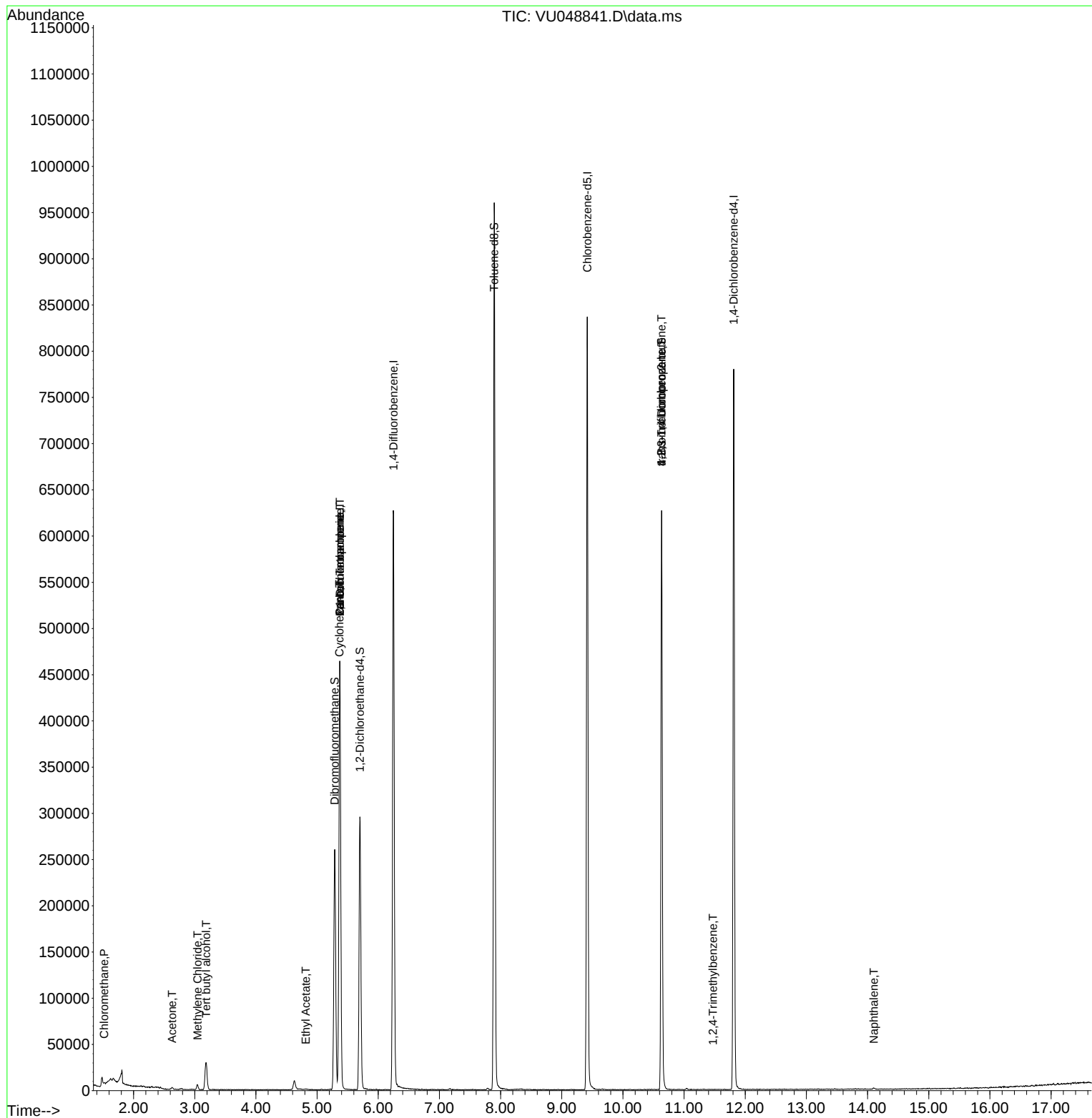
Internal Standards						
1) Pentafluorobenzene	5.372	168	314340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	501513	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	464452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	209674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	225530	47.774	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.540%		
35) Dibromofluoromethane	5.288	113	170821	47.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.480%		
50) Toluene-d8	7.896	98	625342	48.758	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	10.632	95	210558	43.410	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.820%		
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	1123	0.242	ug/l #	86
5) Bromomethane	1.861	94	19	Below Cal		90
6) Chloroethane	1.996	64	144	Below Cal #		43
11) Tert butyl alcohol	3.186	59	18699	15.624	ug/l #	29
13) Acrolein	2.485	56	51	Below Cal #		14
16) Acetone	2.629	43	2846	1.183	ug/l	90
20) Methylene Chloride	3.044	84	2433	0.595	ug/l #	81
31) Cyclohexane	5.366	56	6663	1.120	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	26106	4.999	ug/l #	49
37) Ethyl Acetate	4.816	43	1671	0.253	ug/l #	68
38) Carbon Tetrachloride	5.372	117	32905	5.493	ug/l #	17
76) 1,2,3-Trichloropropane	10.632	75	108283	16.017	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	108283	58.157	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.472	105	46	1.190	ug/l #	31
95) Naphthalene	14.102	128	2095	2.653	ug/l #	80

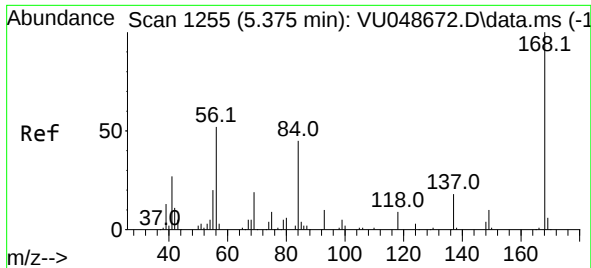
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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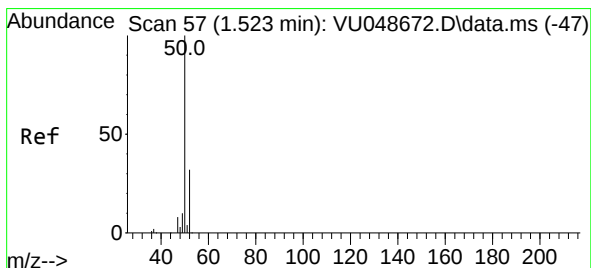
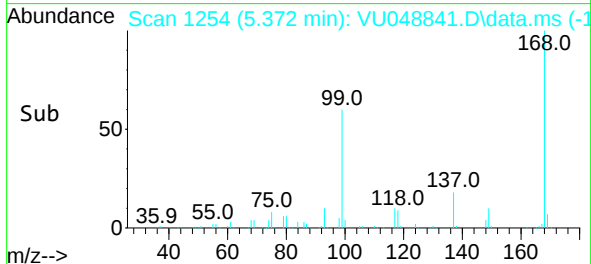
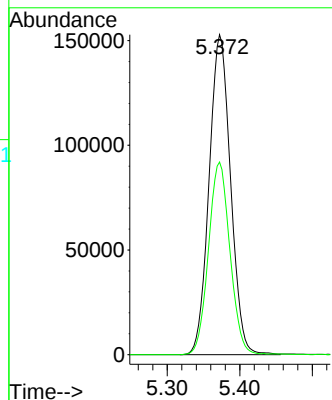
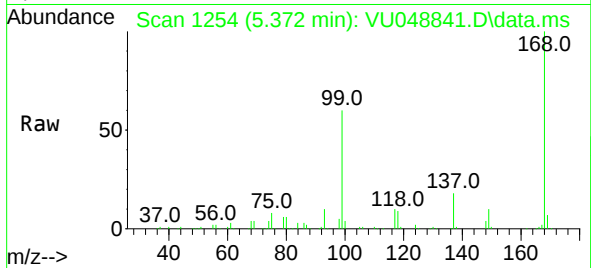




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

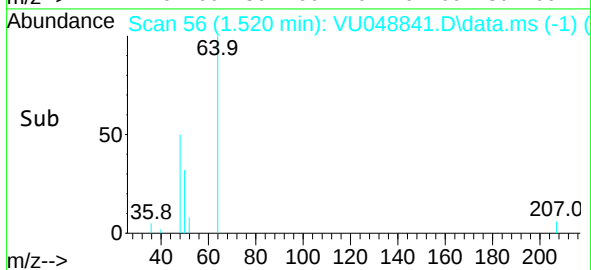
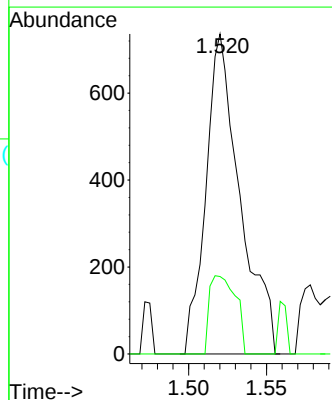
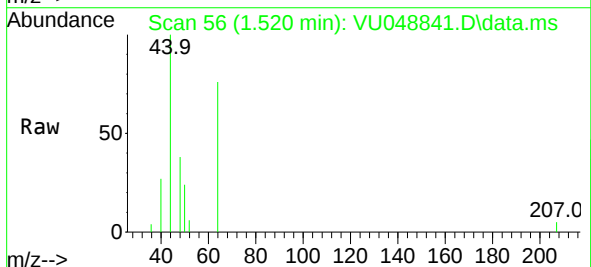
Instrument :
MSVOA_U
ClientSampleId :
53BR-20220531

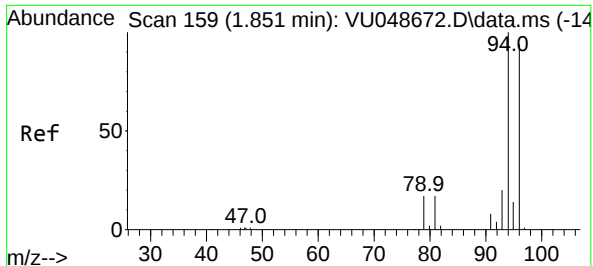
Tgt Ion:168 Resp: 314340
Ion Ratio Lower Upper
168 100
99 60.2 49.3 73.9



#3
Chloromethane
Concen: 0.242 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

Tgt Ion: 50 Resp: 1123
Ion Ratio Lower Upper
50 100
52 24.2 25.7 38.5#

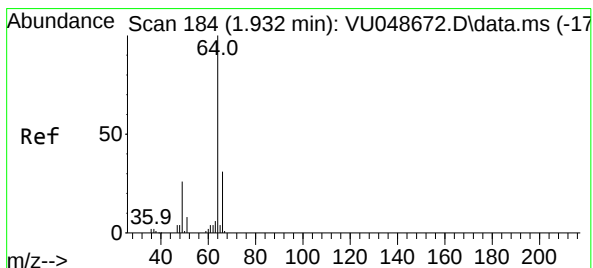
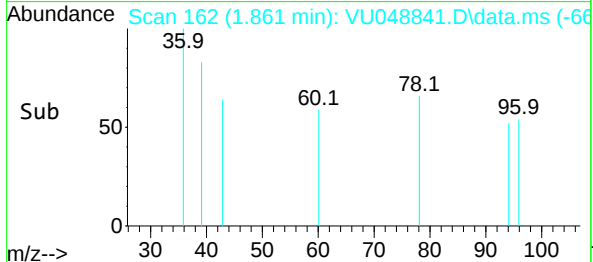
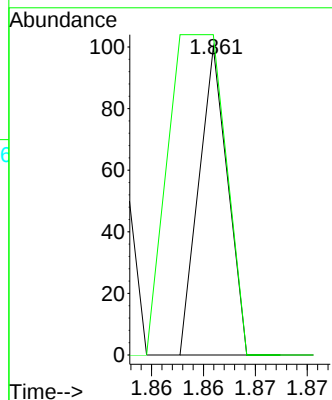
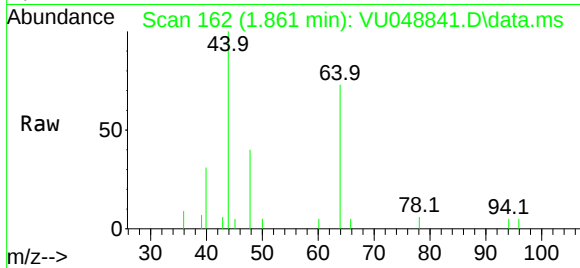




#5
Bromomethane
Concen: Below Cal
RT: 1.861 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

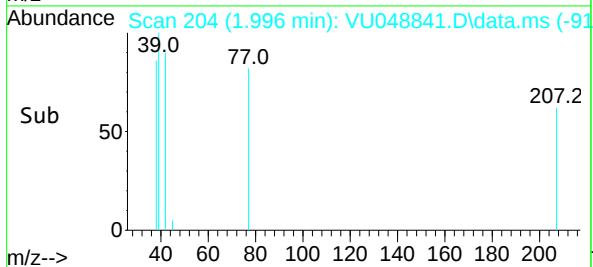
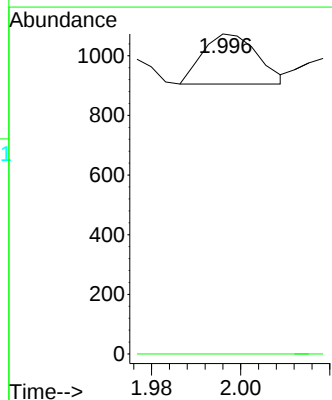
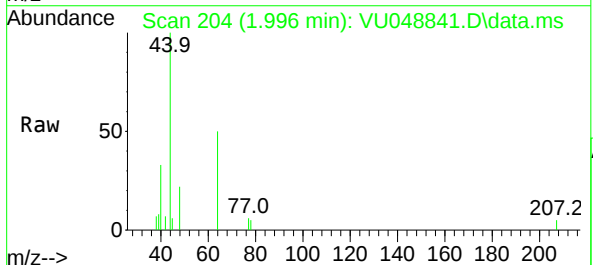
Instrument :
MSVOA_U
ClientSampleId :
53BR-20220531

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 104.0 75.1 112.7



#6
Chloroethane
Concen: Below Cal
RT: 1.996 min Scan# 204
Delta R.T. 0.064 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

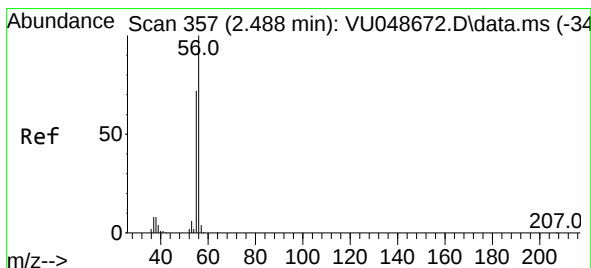
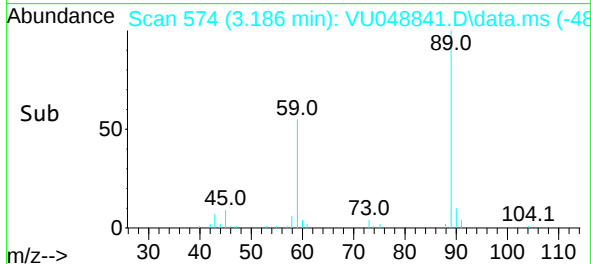
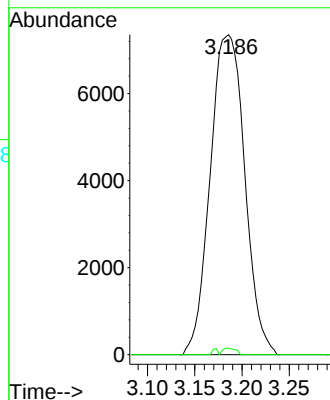
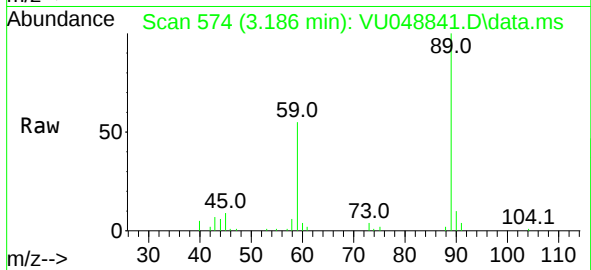




#11
Tert butyl alcohol
Concen: 15.624 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

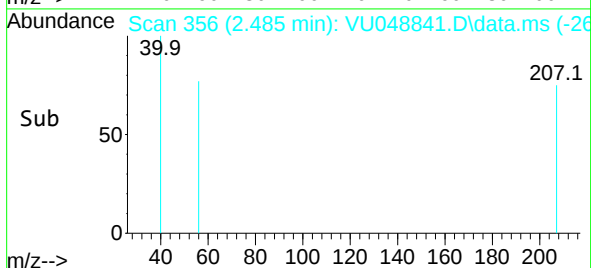
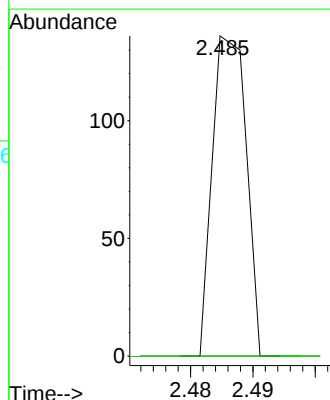
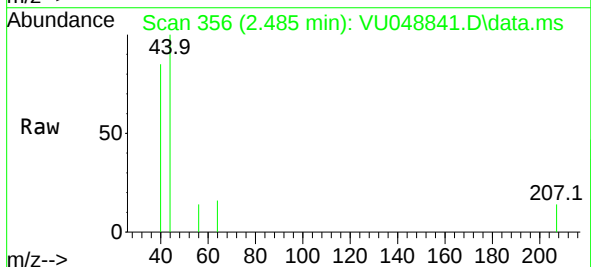
Instrument :
MSVOA_U
ClientSampleId :
53BR-20220531

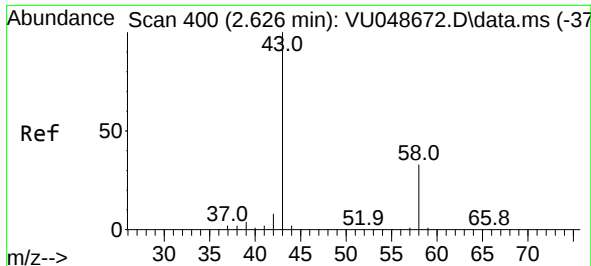
Tgt Ion: 59 Resp: 18699
Ion Ratio Lower Upper
59 100
57 0.8 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#

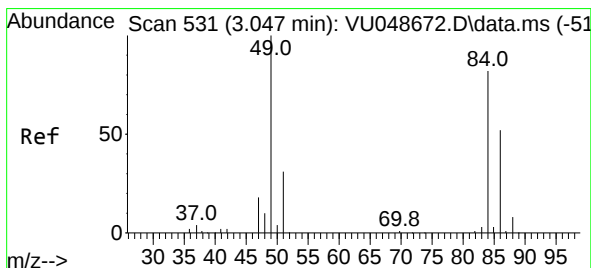
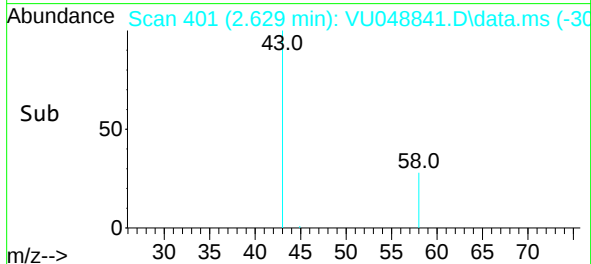
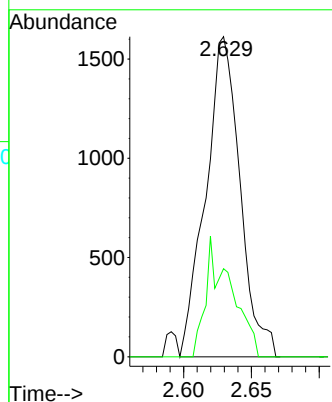
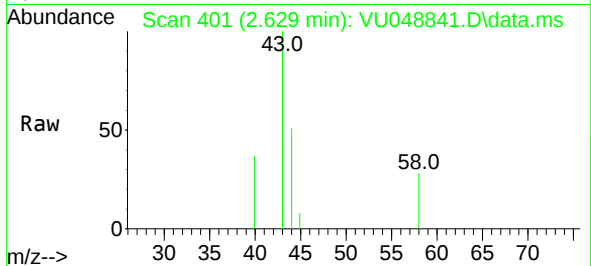




#16
Acetone
Concen: 1.183 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

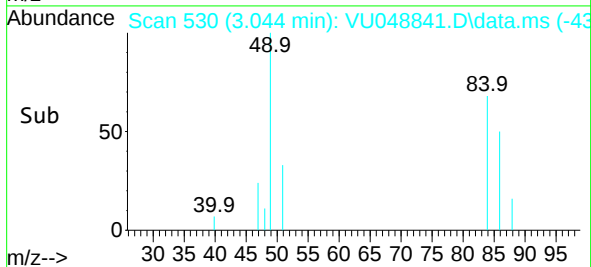
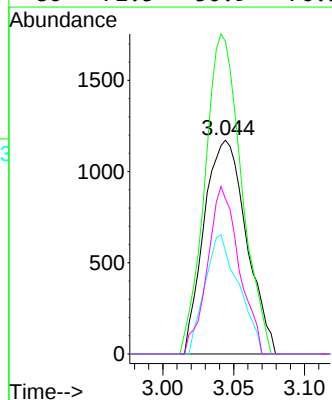
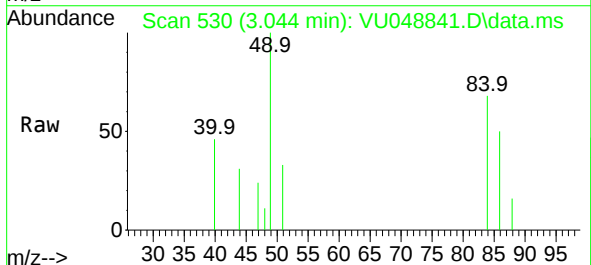
Instrument :
MSVOA_U
ClientSampleId :
53BR-20220531

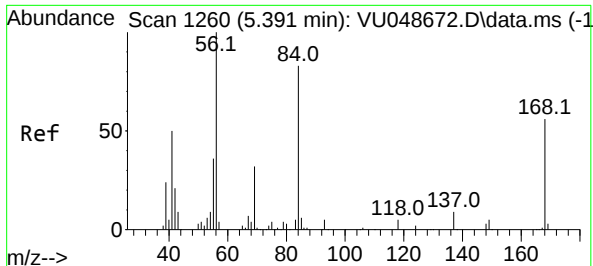
Tgt Ion: 43 Resp: 2846
Ion Ratio Lower Upper
43 100
58 27.5 26.3 39.5



#20
Methylene Chloride
Concen: 0.595 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

Tgt Ion: 84 Resp: 2433
Ion Ratio Lower Upper
84 100
49 146.2 97.0 145.4#
51 48.1 29.8 44.8#
86 72.5 50.9 76.3

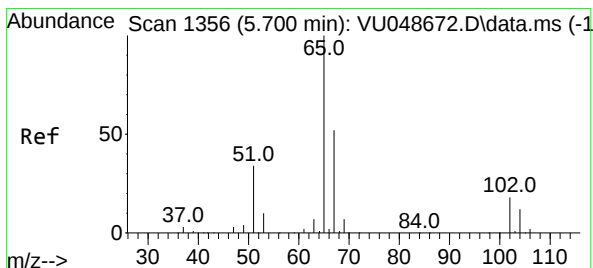
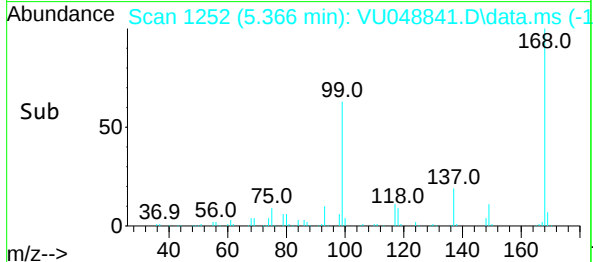
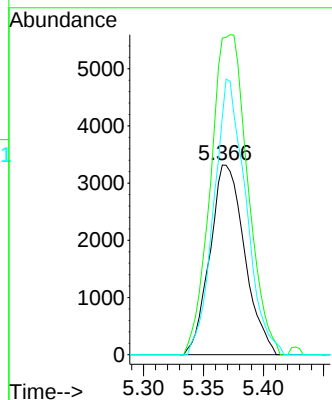
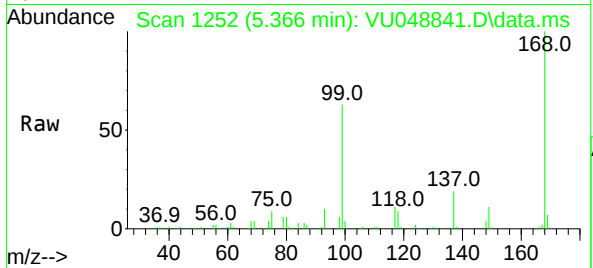




#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.366 min Scan# 1252
Delta R.T. -0.026 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

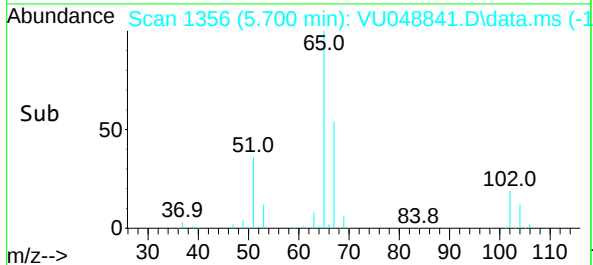
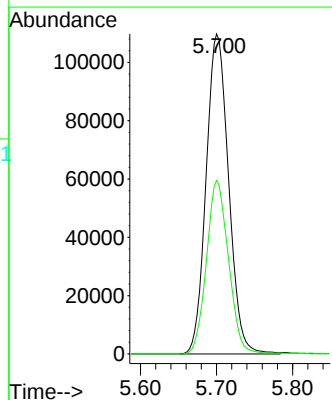
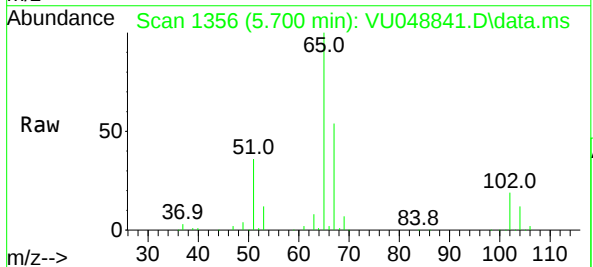
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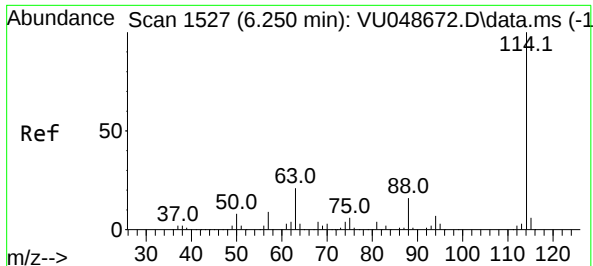
Tgt Ion: 56 Resp: 6663
Ion Ratio Lower Upper
56 100
69 167.0 25.6 38.4#
84 124.9 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 47.774 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.000 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

Tgt Ion: 65 Resp: 225530
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# 11

Delta R.T. -0.000 min

Lab File: VU048841.D

Acq: 03 Jun 2022 06:47

Instrument :

MSVOA_U

ClientSampleId :

53BR-20220531

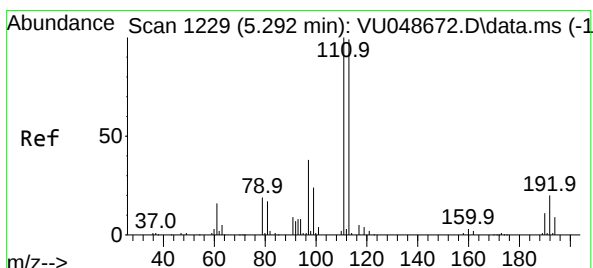
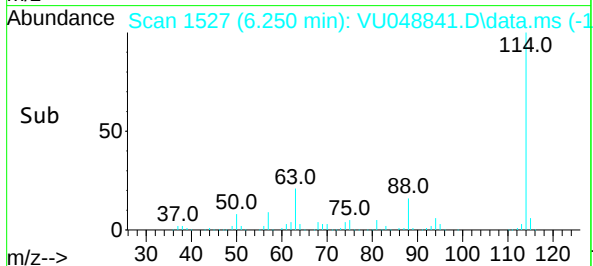
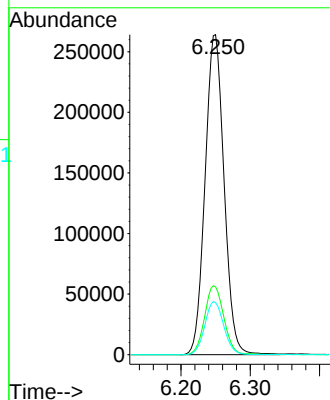
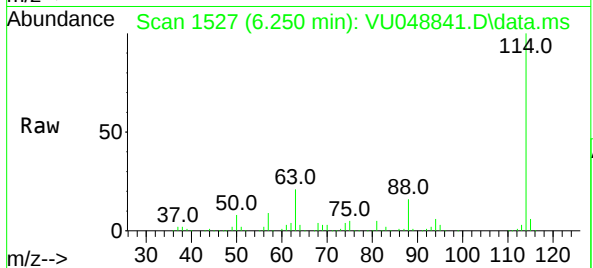
Tgt Ion:114 Resp: 501513

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.743 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048841.D

Acq: 03 Jun 2022 06:47

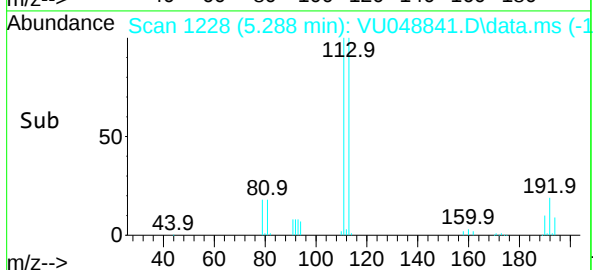
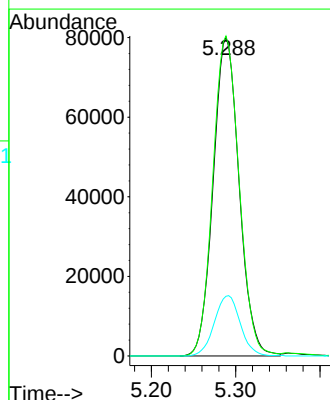
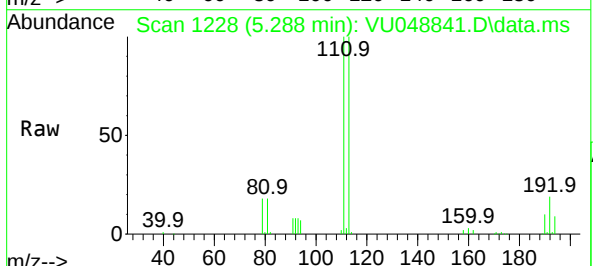
Tgt Ion:113 Resp: 170821

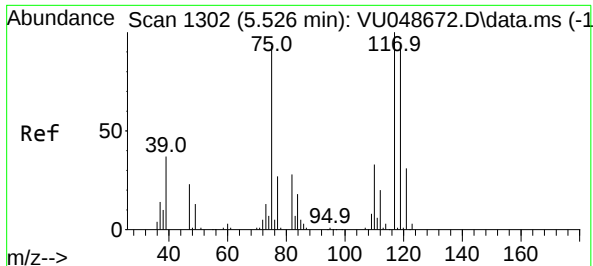
Ion Ratio Lower Upper

113 100

111 101.6 80.7 121.1

192 18.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.999 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU048841.D

Acq: 03 Jun 2022 06:47

Instrument :

MSVOA_U

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53BR-20220531

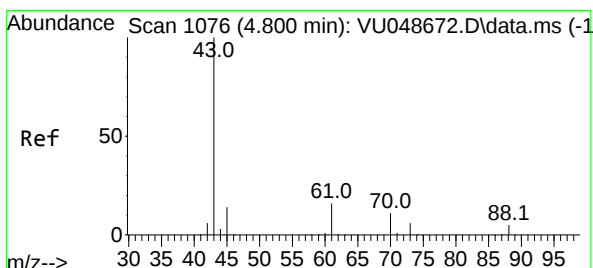
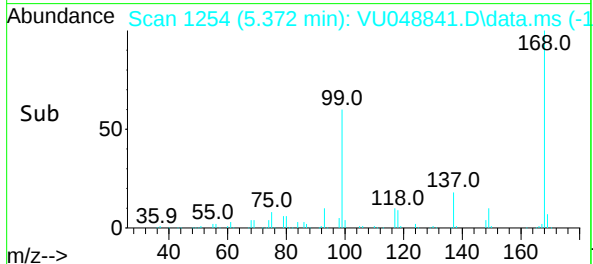
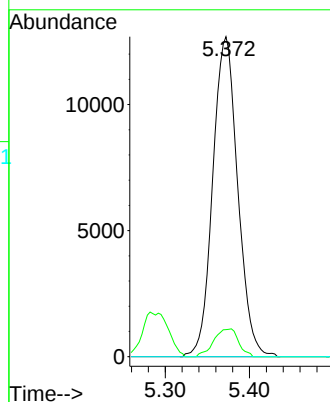
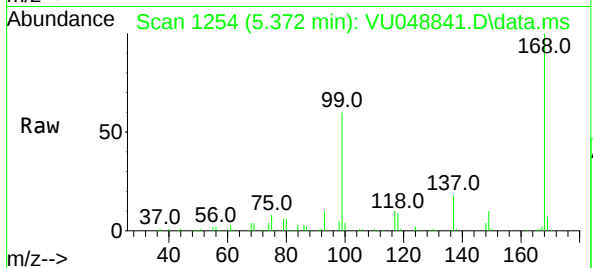
Tgt Ion: 75 Resp: 26106

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.3#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.253 ug/l

RT: 4.816 min Scan# 1081

Delta R.T. 0.016 min

Lab File: VU048841.D

Acq: 03 Jun 2022 06:47

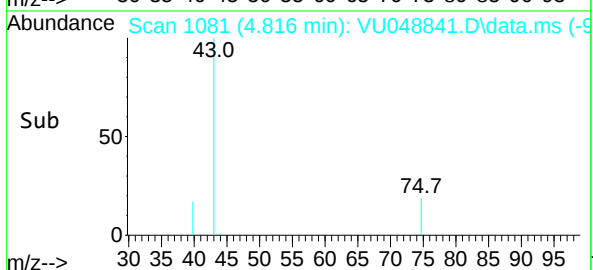
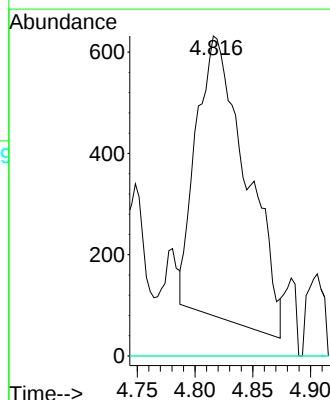
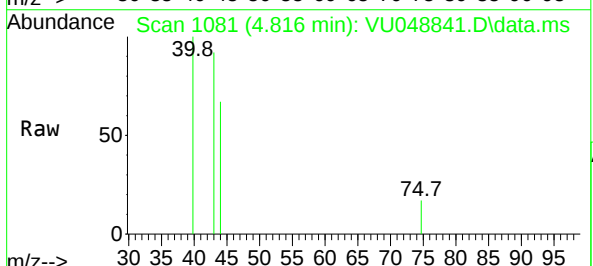
Tgt Ion: 43 Resp: 1671

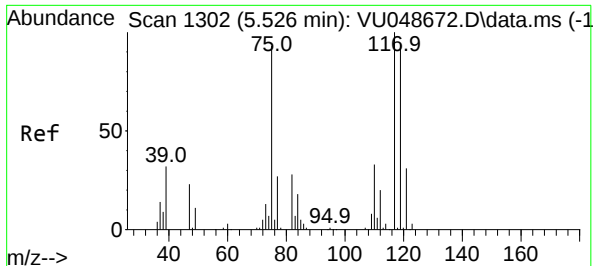
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.4 12.6#

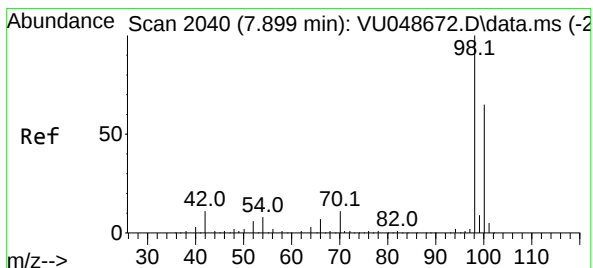
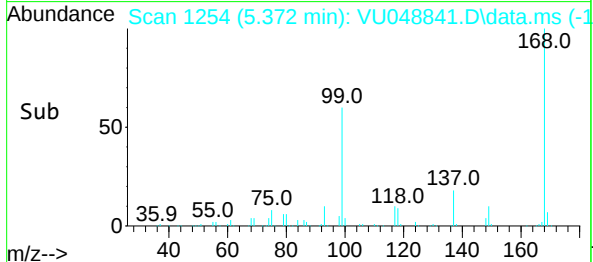
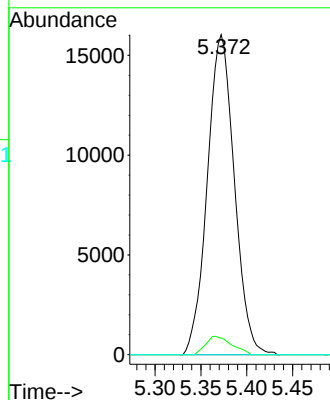
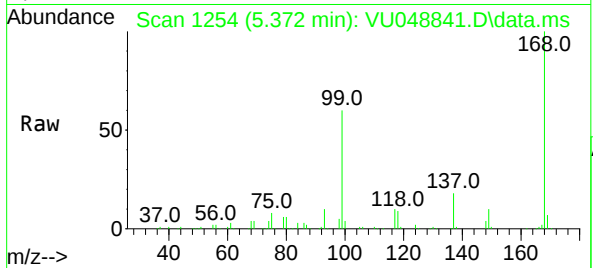




#38
Carbon Tetrachloride
Concen: 5.493 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

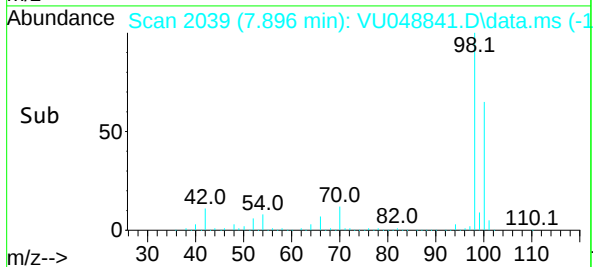
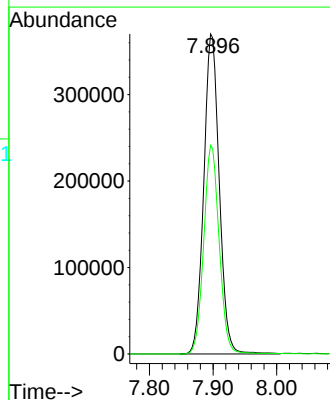
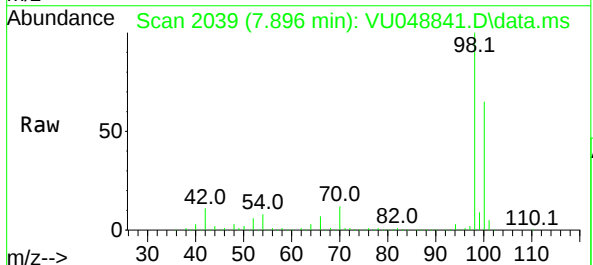
Instrument :
MSVOA_U
ClientSampleId :
53BR-20220531

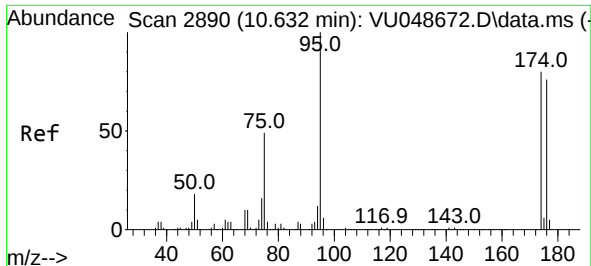
Tgt Ion:117 Resp: 32905
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 48.758 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

Tgt Ion: 98 Resp: 625342
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

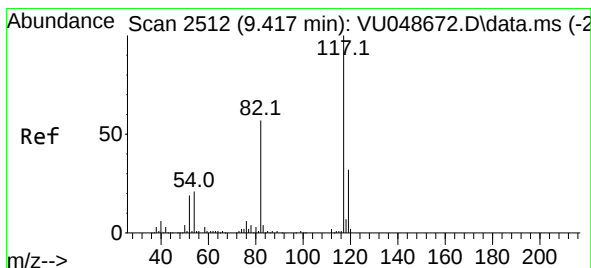
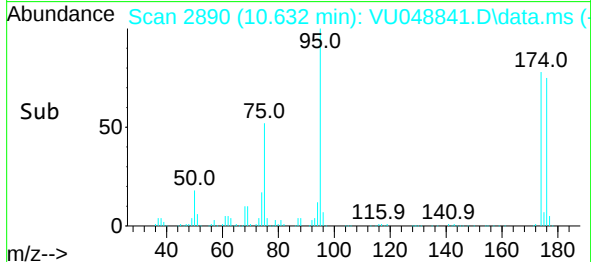
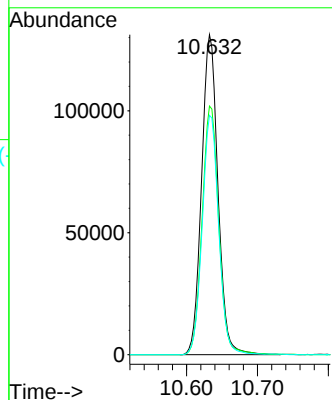
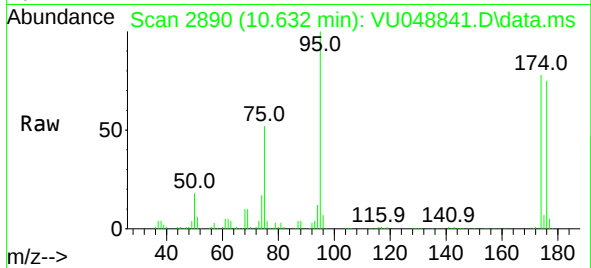




#62
4-Bromofluorobenzene
Concen: 43.410 ug/l
RT: 10.632 min Scan# 210558
Delta R.T. -0.000 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

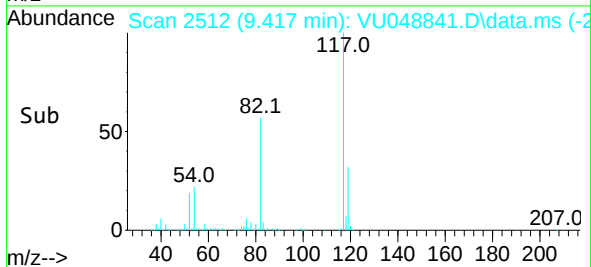
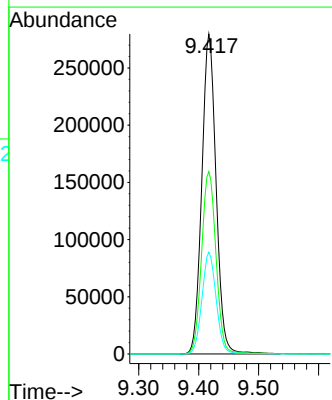
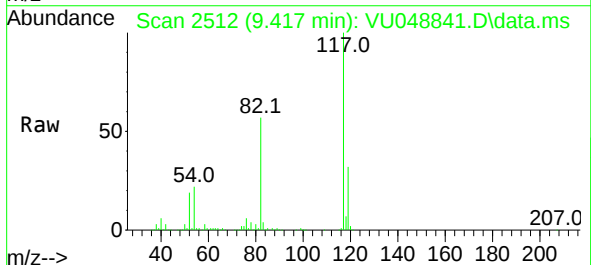
Instrument : MSVOA_U
ClientSampleId : 53BR-20220531

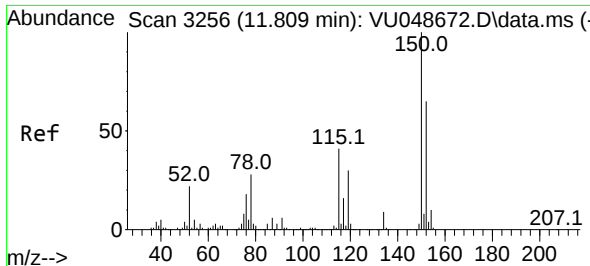
Tgt Ion:	95	Resp:	210558
Ion Ratio	Lower	Upper	
95	100		
174	78.8	0.0	159.4
176	75.2	0.0	152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

Tgt Ion:	117	Resp:	464452
Ion Ratio	Lower	Upper	
117	100		
82	57.0	45.3	67.9
119	31.8	25.4	38.2

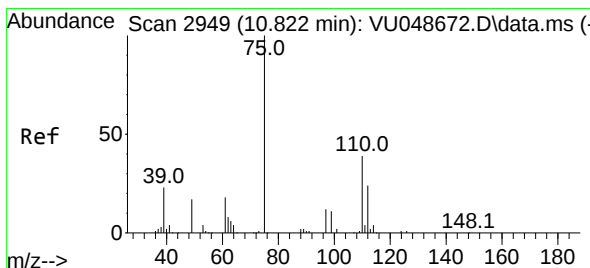
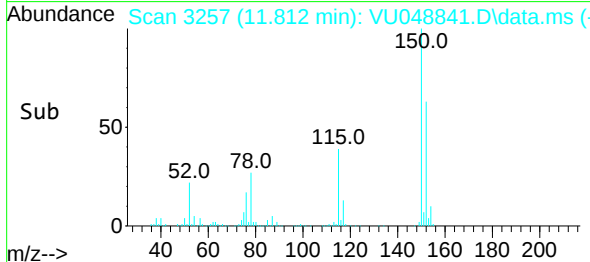
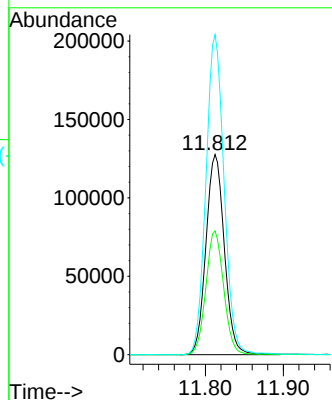
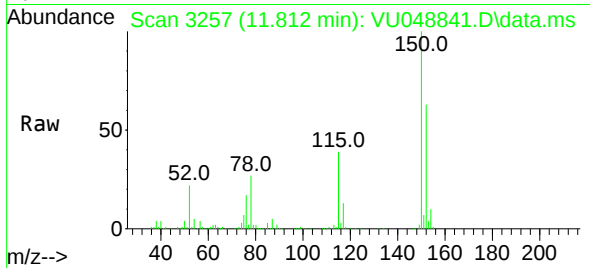




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048841.D
 Acq: 03 Jun 2022 06:47

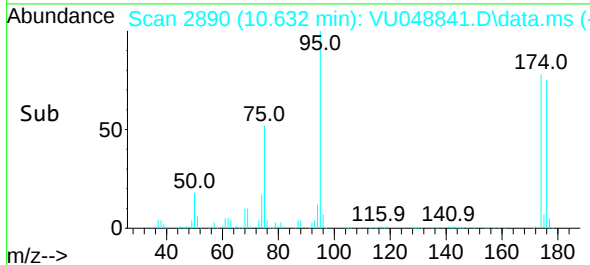
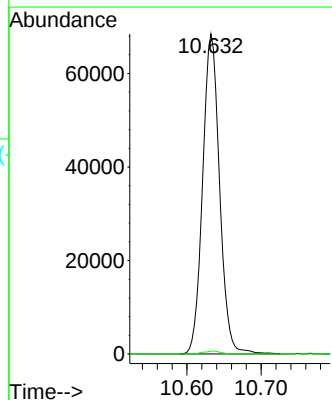
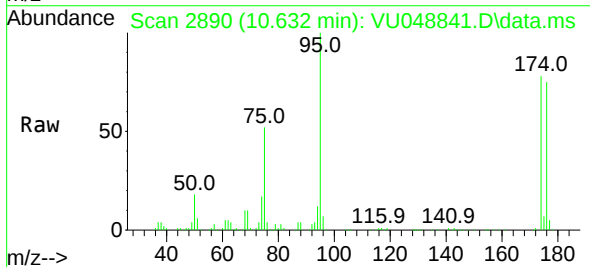
Instrument :
 MSVOA_U
 ClientSampleId :
 53BR-20220531

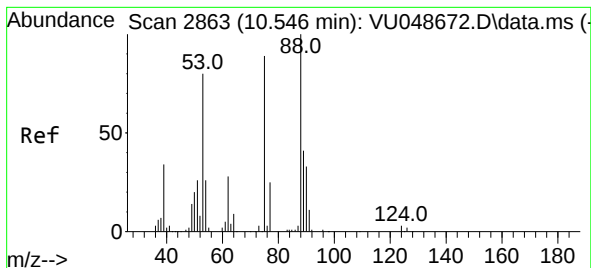
Tgt Ion:152 Resp: 209674
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.8 125.4
 150 157.0 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 16.017 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.190 min
 Lab File: VU048841.D
 Acq: 03 Jun 2022 06:47

Tgt Ion: 75 Resp: 108283
 Ion Ratio Lower Upper
 75 100
 77 0.9 14.8 44.3#

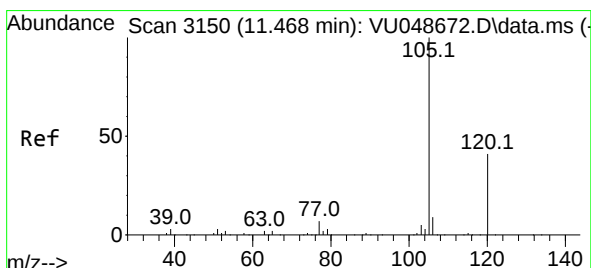
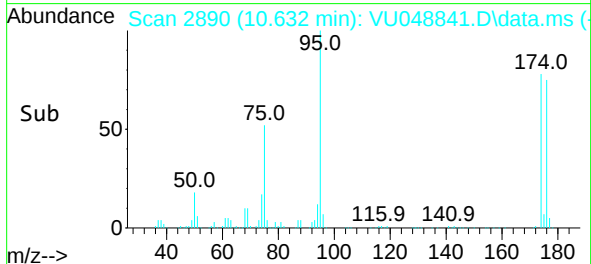
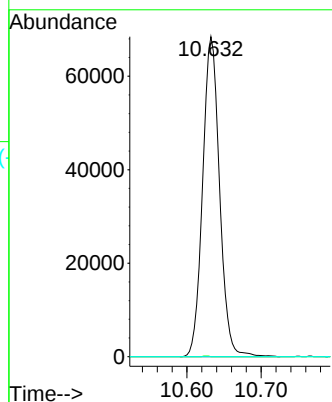
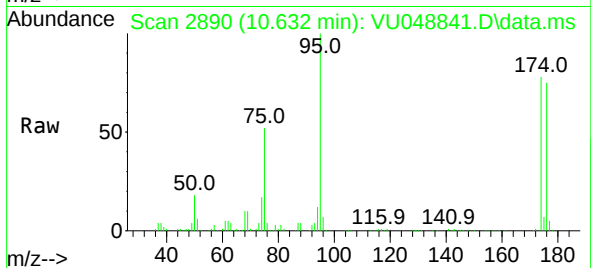




#81
trans-1,4-Dichloro-2-butene
Concen: 58.157 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

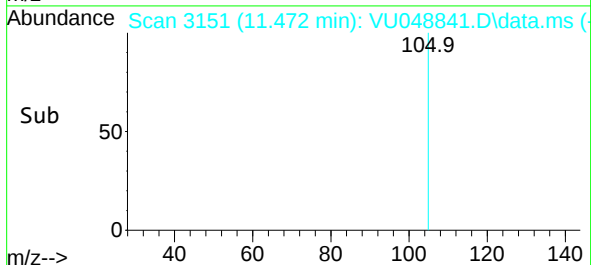
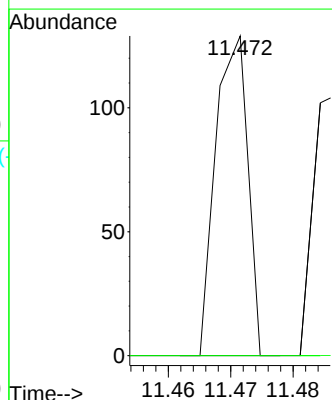
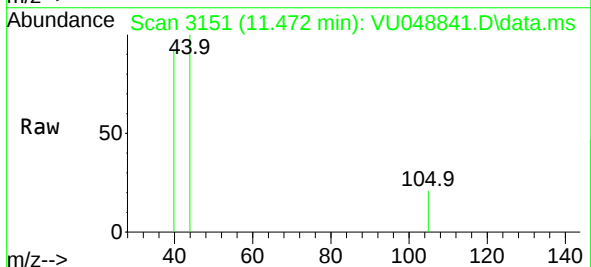
Instrument :
MSVOA_U
ClientSampleId :
53BR-20220531

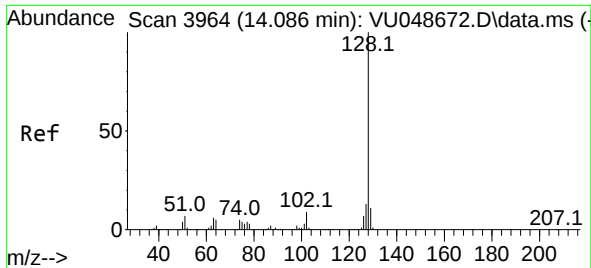
Tgt Ion: 75 Resp: 108283
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.190 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

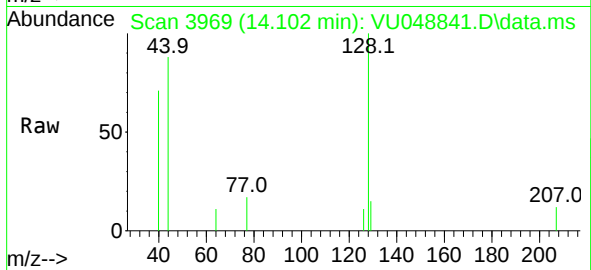
Tgt Ion: 105 Resp: 46
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#





#95
Naphthalene
Concen: 2.653 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VU048841.D
Acq: 03 Jun 2022 06:47

Instrument :
MSVOA_U
ClientSampleId :
53BR-20220531



Tgt Ion:128 Resp: 2095
Ion Ratio Lower Upper
128 100
127 4.1 10.2 15.4#
129 3.9 8.7 13.1#

