

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048843.D
 Acq On : 03 Jun 2022 07:34
 Operator : SY/MD
 Sample : N3165-07 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 58BR-20220531

Quant Time: Jun 03 08:54:20 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)

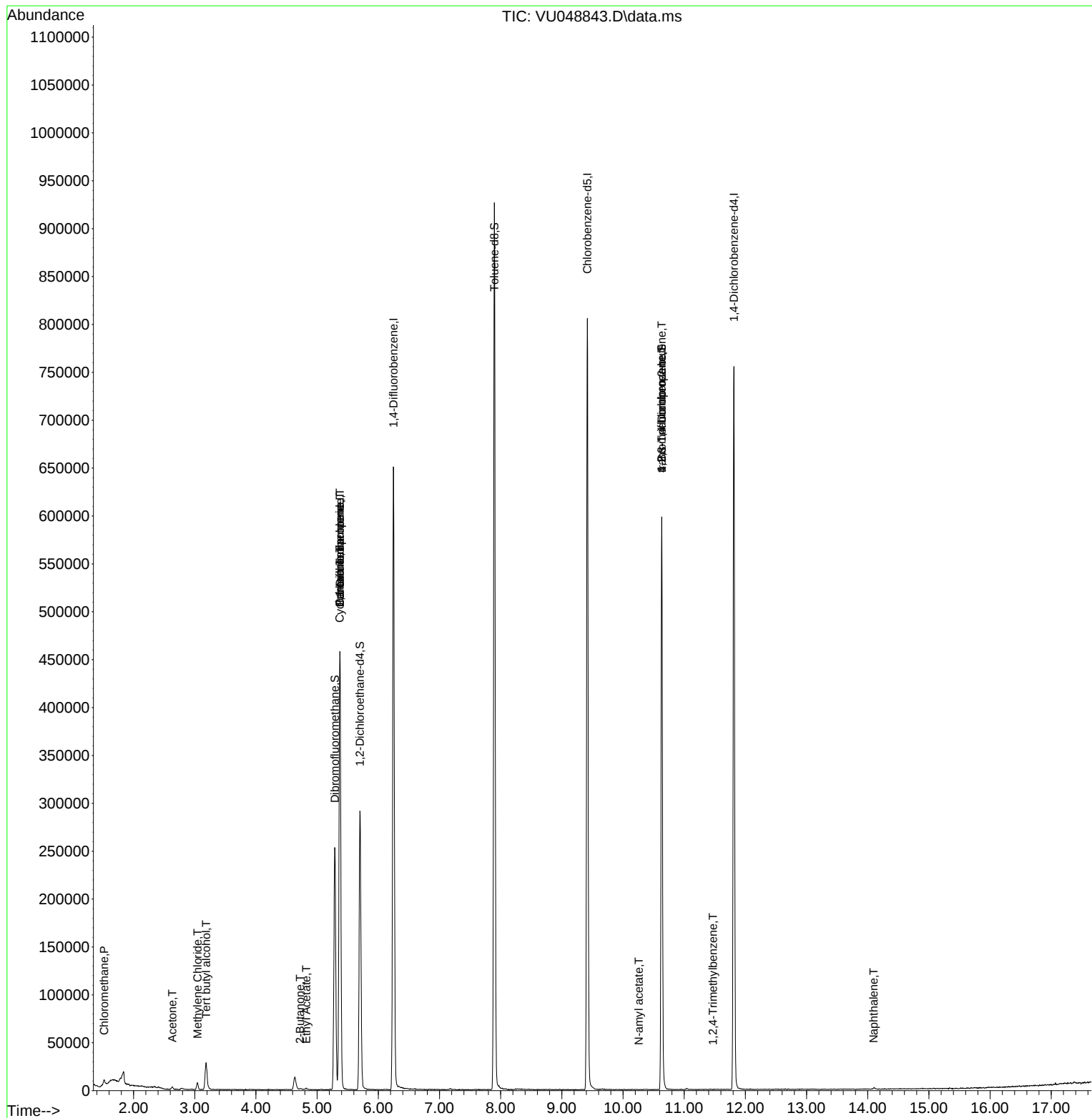
Internal Standards						
1) Pentafluorobenzene	5.372	168	310896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	519564	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	441862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	201493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	222245	47.600	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.200%
35) Dibromofluoromethane	5.289	113	166441	44.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.800%
50) Toluene-d8	7.896	98	610461	45.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.880%#
62) 4-Bromofluorobenzene	10.632	95	201379	40.075	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.140%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1137	0.248	ug/l #	70
5) Bromomethane	1.839	94	289	Below Cal	#	79
6) Chloroethane	1.958	64	345	Below Cal	#	43
11) Tert butyl alcohol	3.186	59	17988	15.196	ug/l #	28
13) Acrolein	2.485	56	22	Below Cal	#	14
16) Acetone	2.633	43	2765	1.162	ug/l	96
20) Methylene Chloride	3.044	84	3396	0.839	ug/l	97
25) 2-Butanone	4.719	43	974	0.285	ug/l #	89
31) Cyclohexane	5.369	56	6558	1.115	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	25044	4.629	ug/l #	49
37) Ethyl Acetate	4.822	43	1866	0.273	ug/l #	75
38) Carbon Tetrachloride	5.372	117	32715	5.271	ug/l #	17
74) N-amyl acetate	10.259	43	39	2.473	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	103518	15.934	ug/l #	46
81) trans-1,4-Dichloro-2-b...	10.632	75	103518	57.855	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.472	105	72	1.193	ug/l #	31
95) Naphthalene	14.099	128	2329	2.672	ug/l #	79

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

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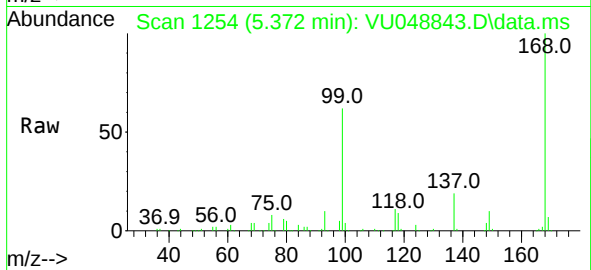
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
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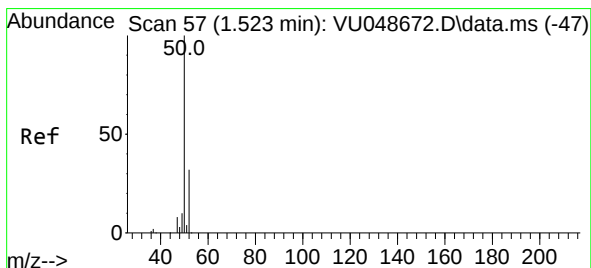
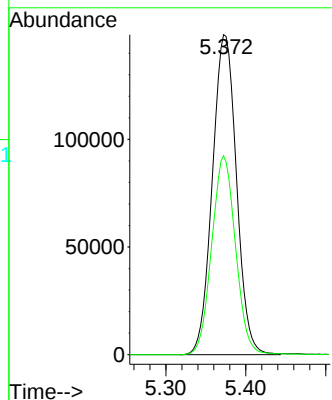
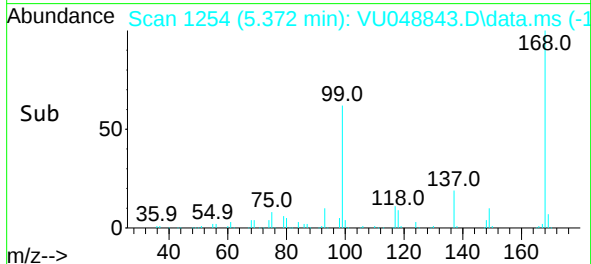


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531

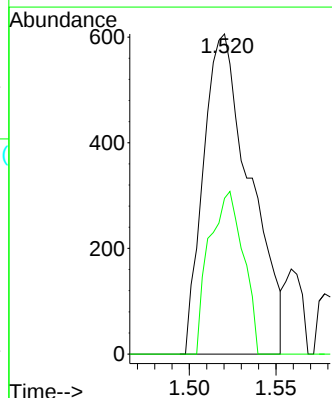
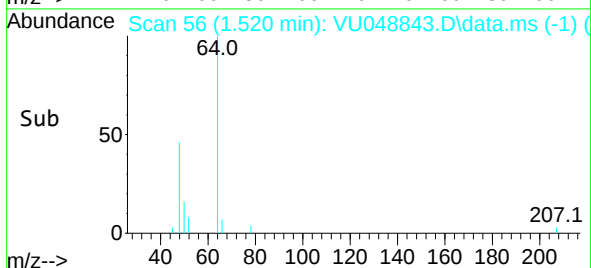
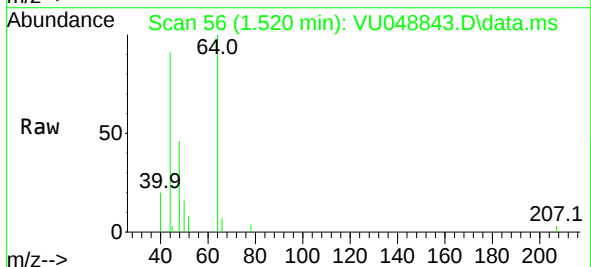


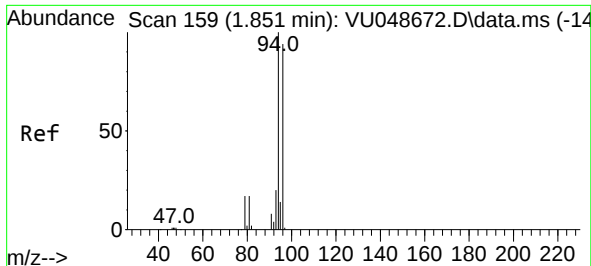
Tgt Ion:168 Resp: 310896
Ion Ratio Lower Upper
168 100
99 62.1 49.3 73.9



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Tgt Ion: 50 Resp: 1137
Ion Ratio Lower Upper
50 100
52 48.7 25.7 38.5#

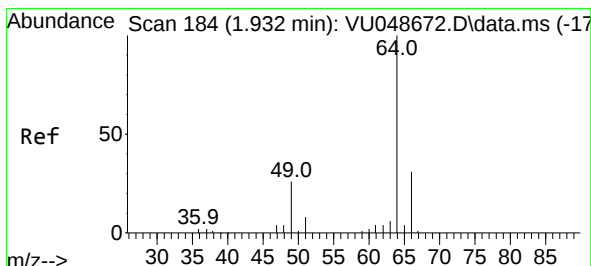
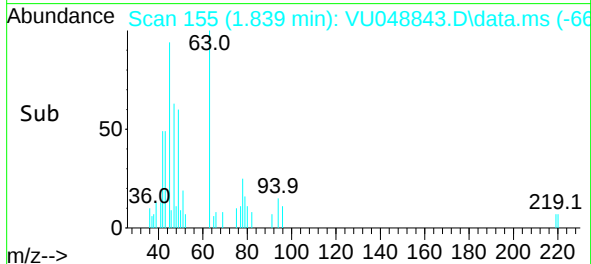
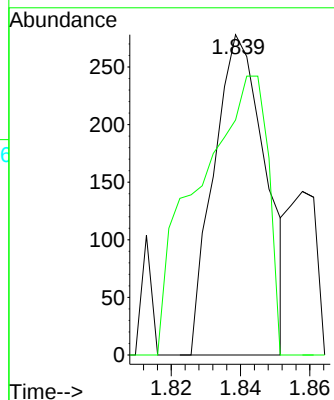
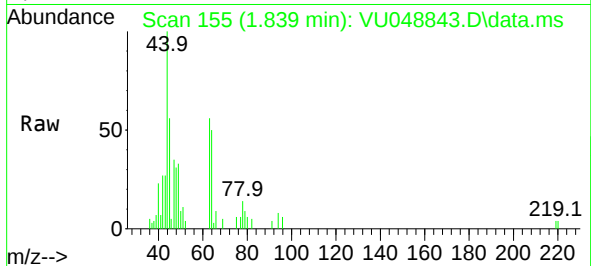




#5
Bromomethane
Concen: Below Cal
RT: 1.839 min Scan# 11
Delta R.T. -0.012 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

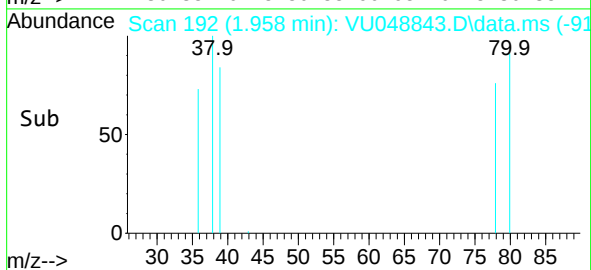
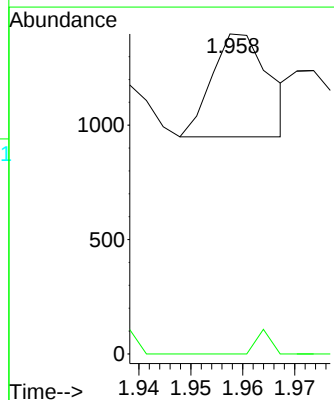
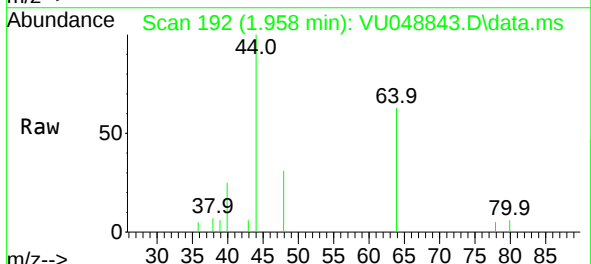
Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531

Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 73.4 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.958 min Scan# 192
Delta R.T. 0.026 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Tgt Ion: 64 Resp: 345
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

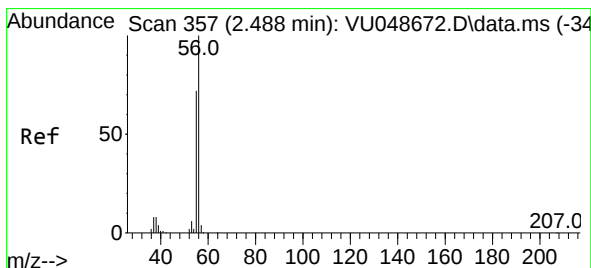
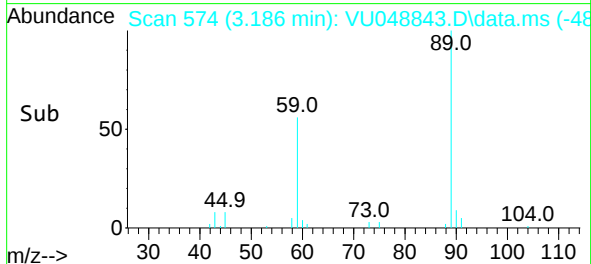
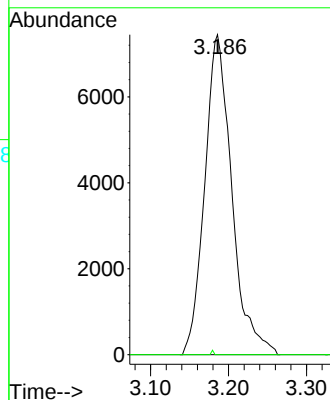
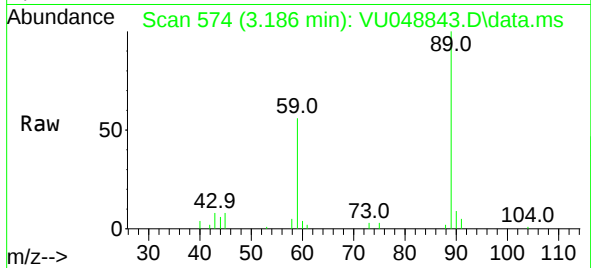




#11
Tert butyl alcohol
Concen: 15.196 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

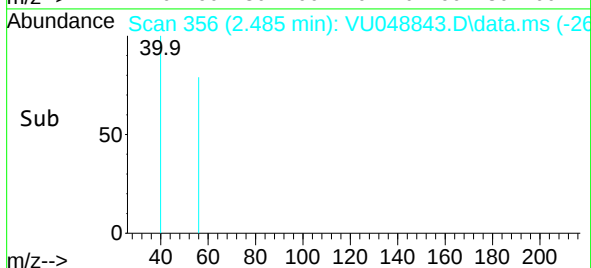
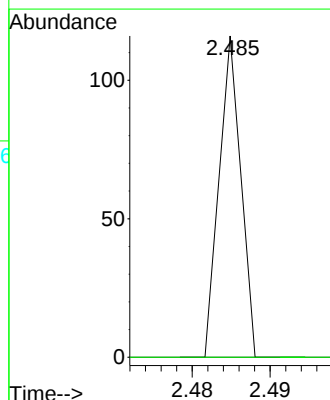
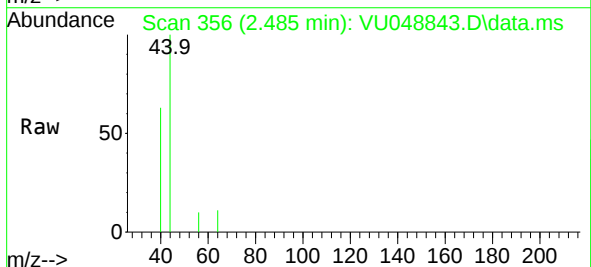
Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531

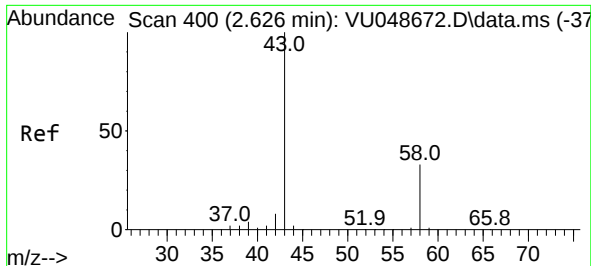
Tgt Ion: 59 Resp: 17988
Ion Ratio Lower Upper
59 100
57 0.1 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#





#16

Acetone

Concen: 1.162 ug/l

RT: 2.633 min Scan# 40

Delta R.T. 0.007 min

Lab File: VU048843.D

Acq: 03 Jun 2022 07:34

Instrument :

MSVOA_U

ClientSampleId :

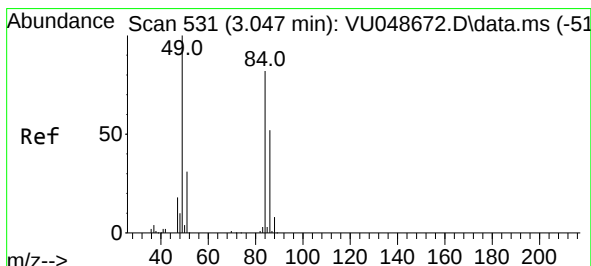
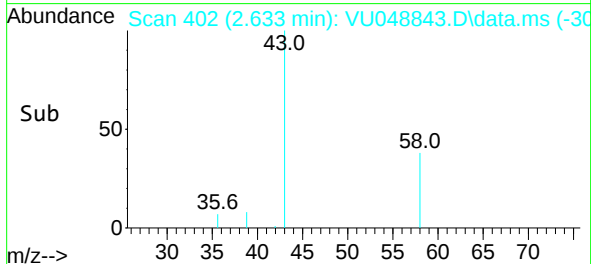
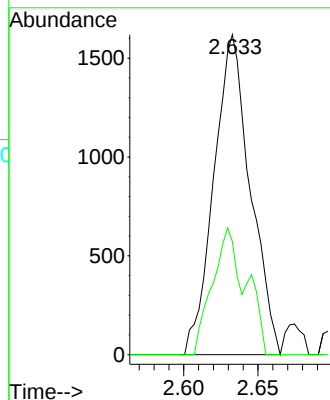
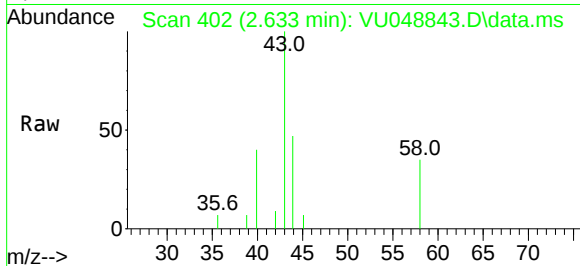
58BR-20220531

Tgt Ion: 43 Resp: 2765

Ion Ratio Lower Upper

43 100

58 35.3 26.3 39.5



#20

Methylene Chloride

Concen: 0.839 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048843.D

Acq: 03 Jun 2022 07:34

Tgt Ion: 84 Resp: 3396

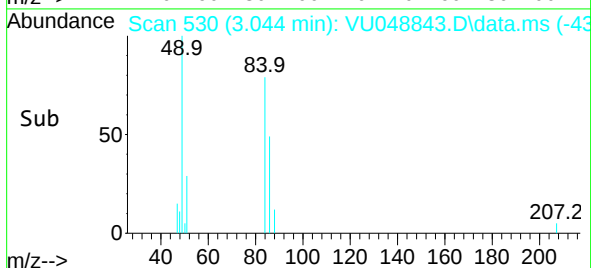
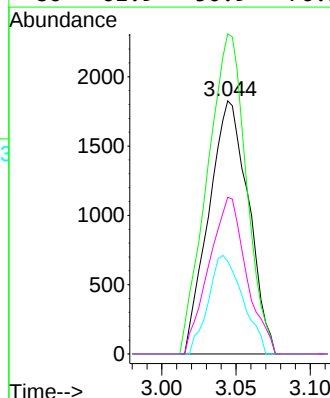
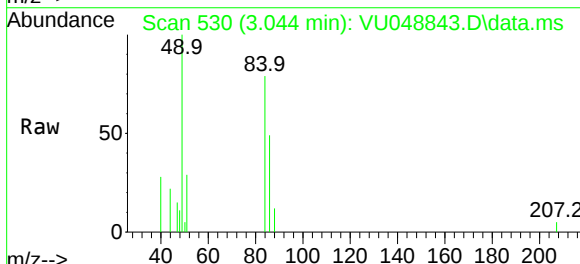
Ion Ratio Lower Upper

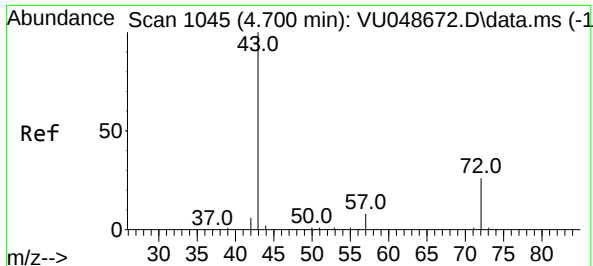
84 100

49 126.5 97.0 145.4

51 36.7 29.8 44.8

86 61.9 50.9 76.3





#25

2-Butanone

Concen: 0.285 ug/l

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU048843.D

Acq: 03 Jun 2022 07:34

Instrument :

MSVOA_U

ClientSampleId :

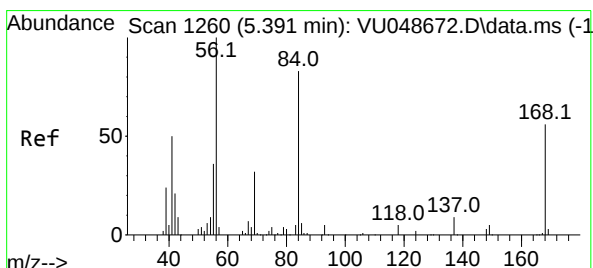
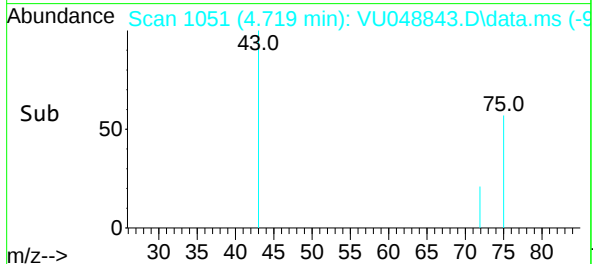
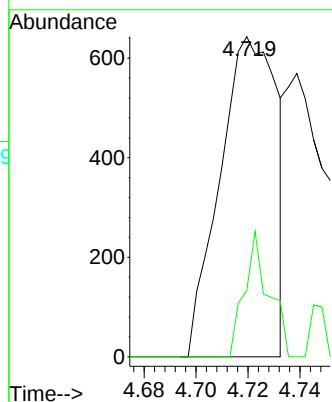
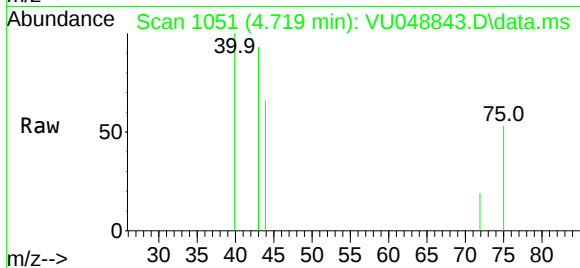
58BR-20220531

Tgt Ion: 43 Resp: 974

Ion Ratio Lower Upper

43 100

72 20.7 21.1 31.7#



#31

Cyclohexane

Concen: 1.115 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.022 min

Lab File: VU048843.D

Acq: 03 Jun 2022 07:34

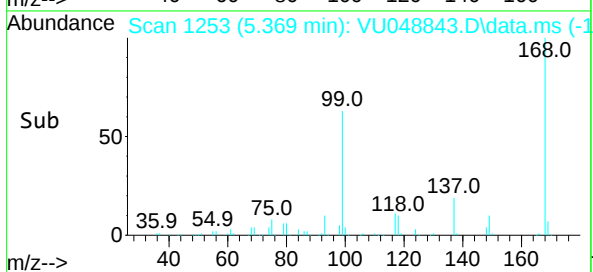
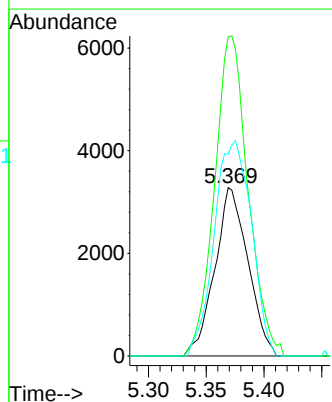
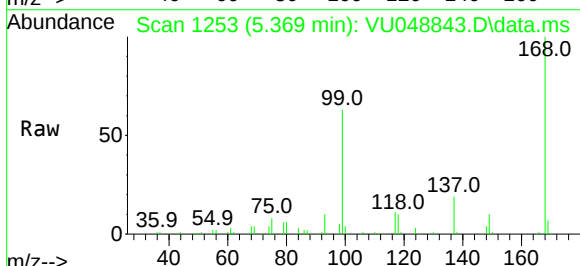
Tgt Ion: 56 Resp: 6558

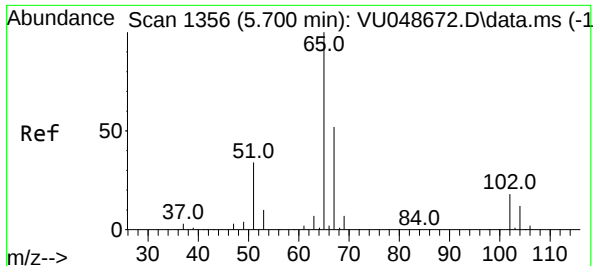
Ion Ratio Lower Upper

56 100

69 189.6 25.6 38.4#

84 120.0 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 47.600 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048843.D

Acq: 03 Jun 2022 07:34

Instrument :

MSVOA_U

ClientSampleId :

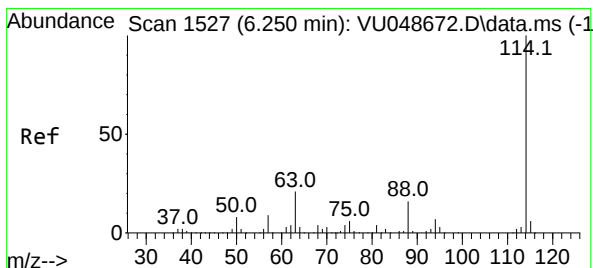
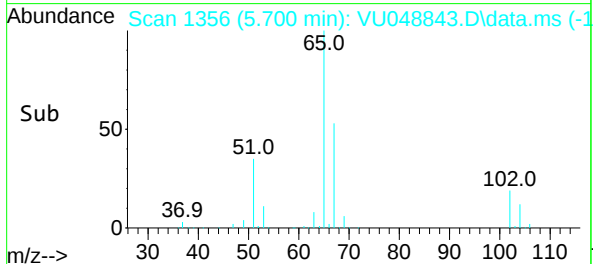
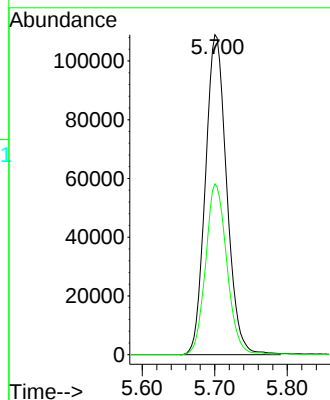
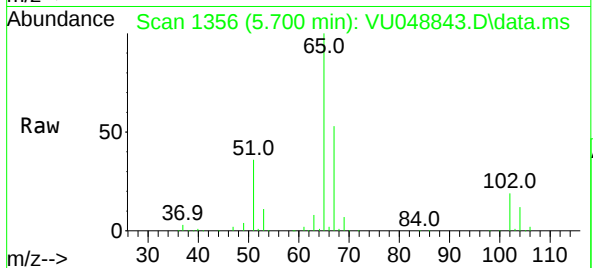
58BR-20220531

Tgt Ion: 65 Resp: 222245

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# 1527

Delta R.T. -0.000 min

Lab File: VU048843.D

Acq: 03 Jun 2022 07:34

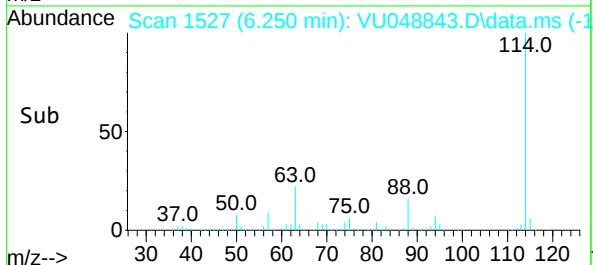
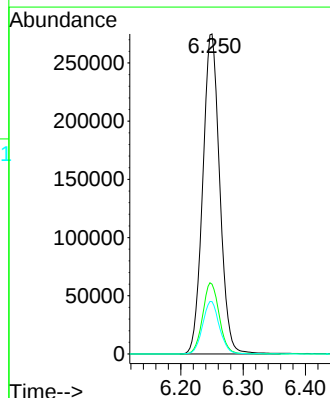
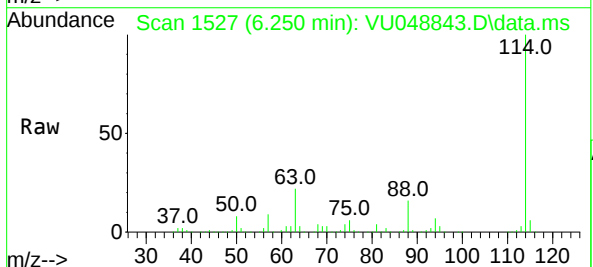
Tgt Ion: 114 Resp: 519564

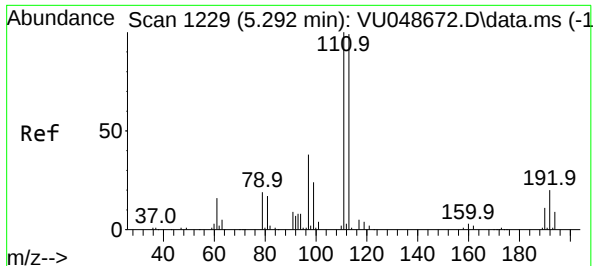
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

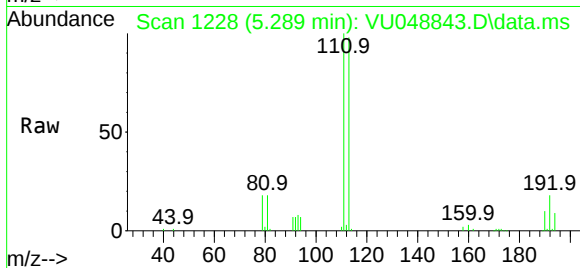
88 16.3 0.0 32.2



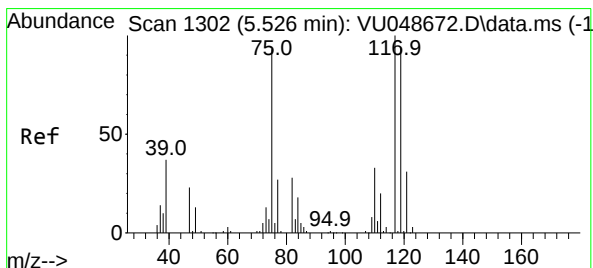
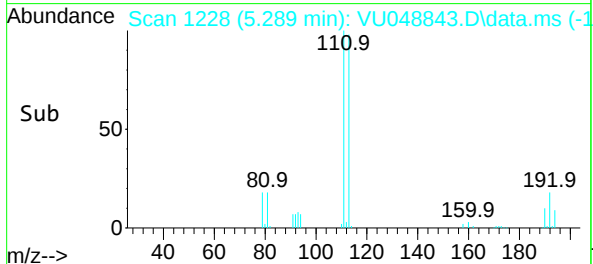
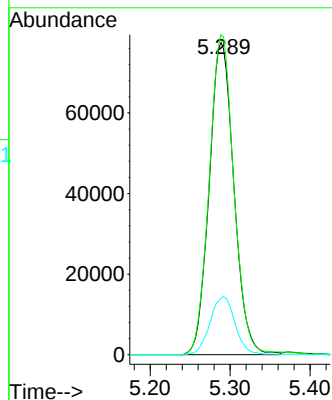


#35
Dibromofluoromethane
Concen: 44.903 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531

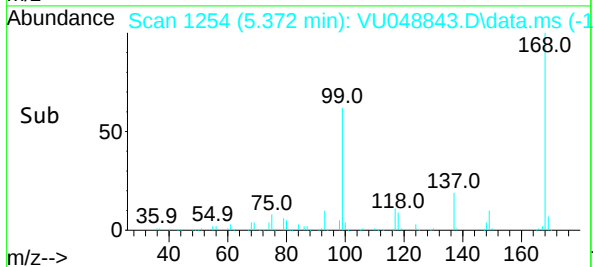
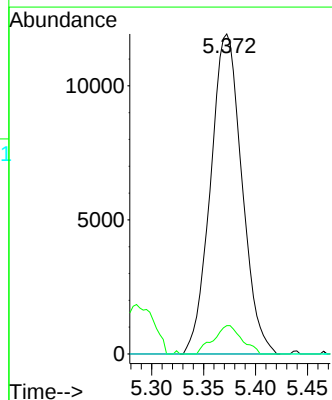
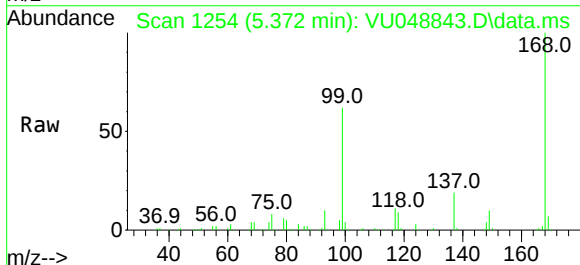


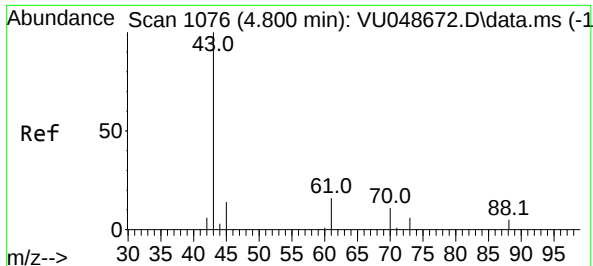
Tgt Ion:113 Resp: 166441
Ion Ratio Lower Upper
113 100
111 102.1 80.7 121.1
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Tgt Ion: 75 Resp: 25044
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.8 37.2#

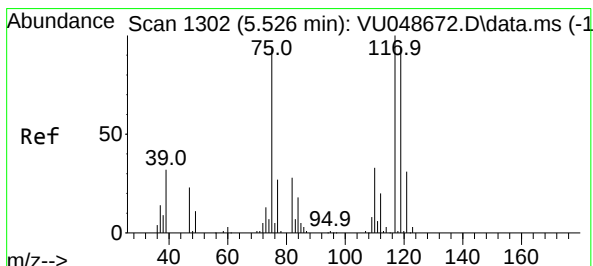
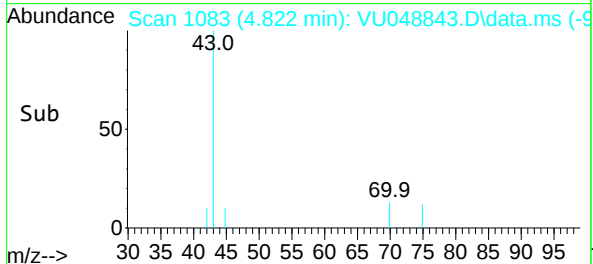
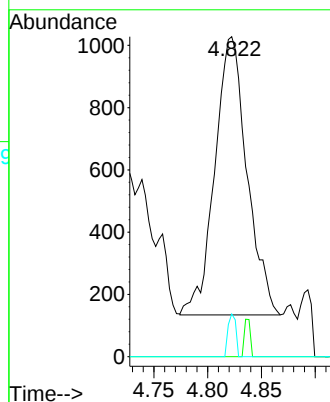
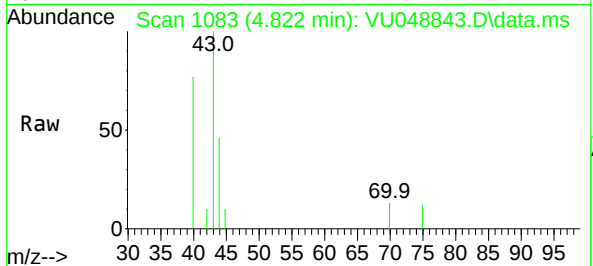




#37
Ethyl Acetate
Concen: 0.273 ug/l
RT: 4.822 min Scan# 1076
Delta R.T. 0.023 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

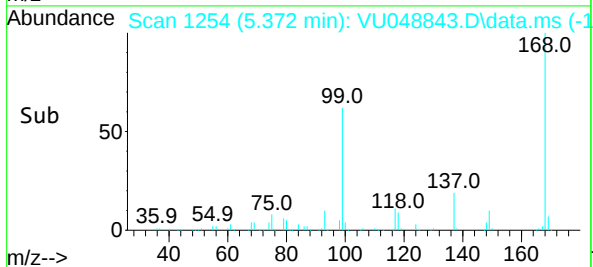
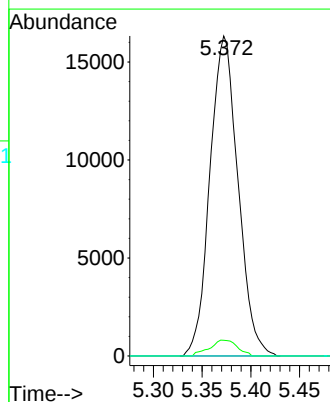
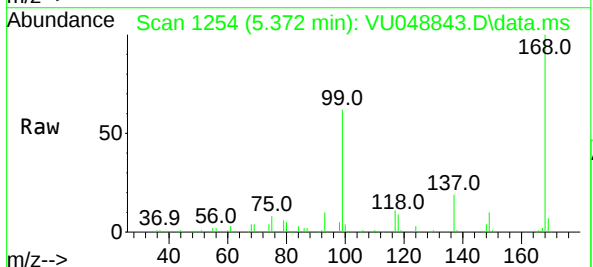
Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531

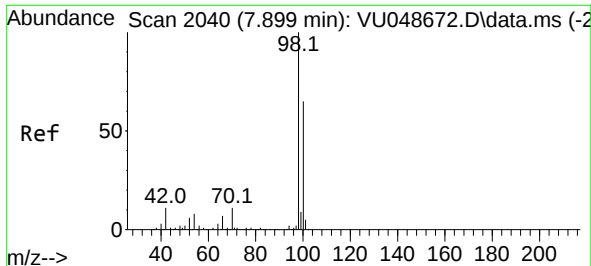
Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
61 2.5 11.7 17.5#
70 3.7 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 5.271 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Tgt Ion: 117 Resp: 32715
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.2#
121 0.0 24.6 36.8#

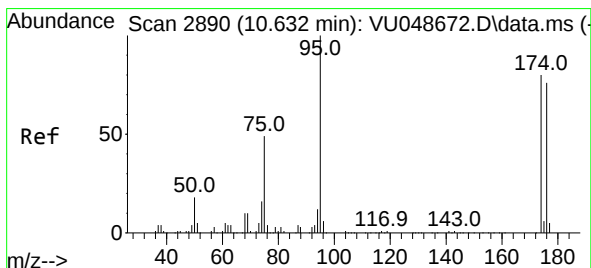
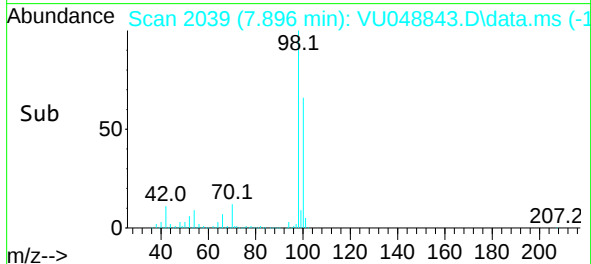
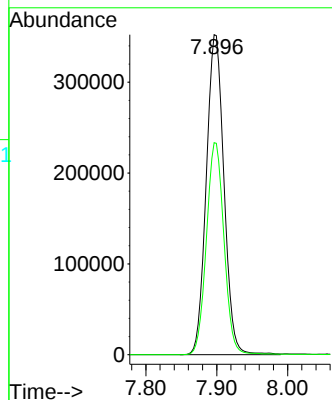
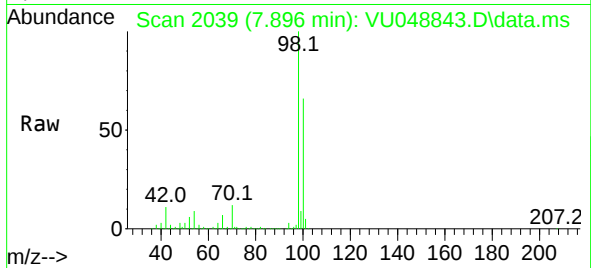




#50
Toluene-d8
Concen: 45.944 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

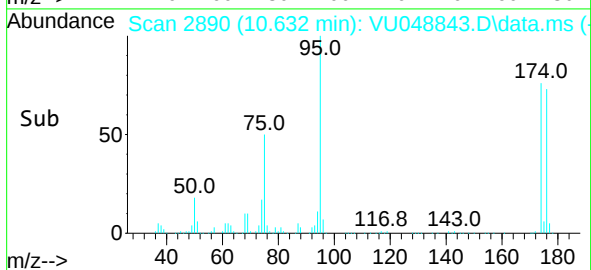
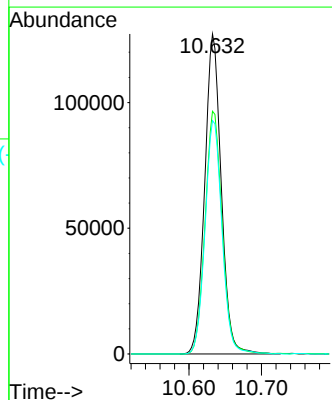
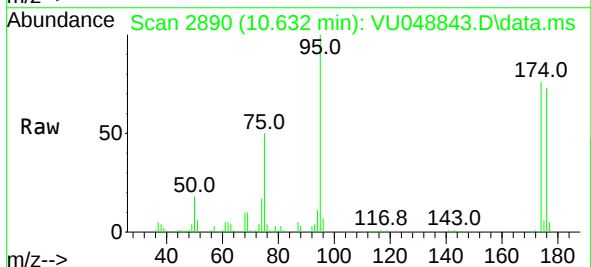
Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531

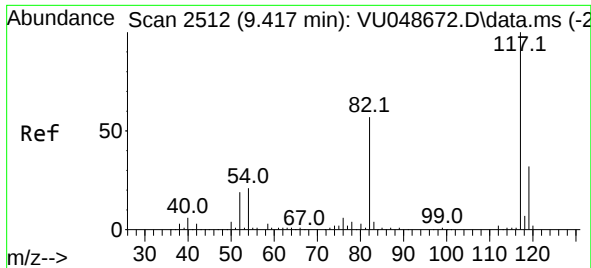
Tgt Ion: 98 Resp: 610461
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 40.075 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Tgt Ion: 95 Resp: 201379
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 74.9 0.0 152.4

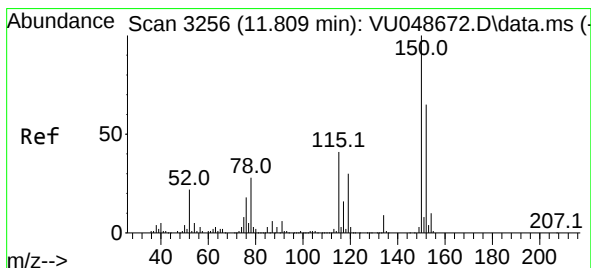
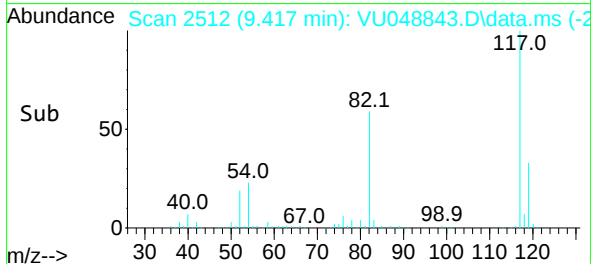
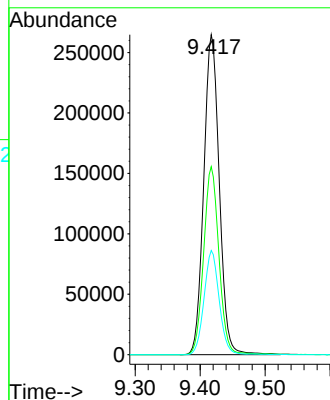
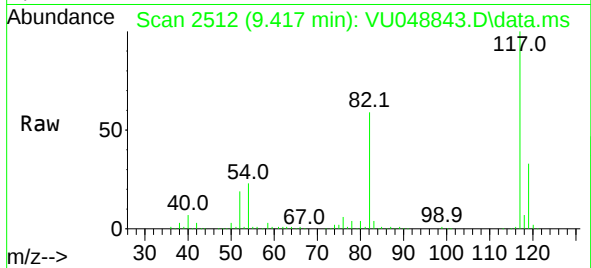




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

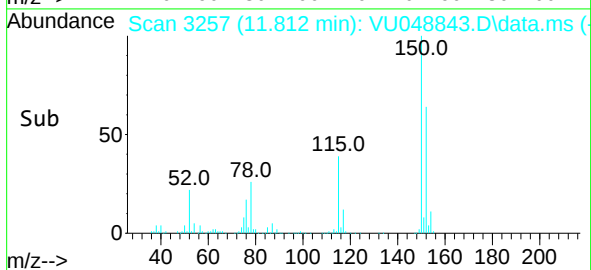
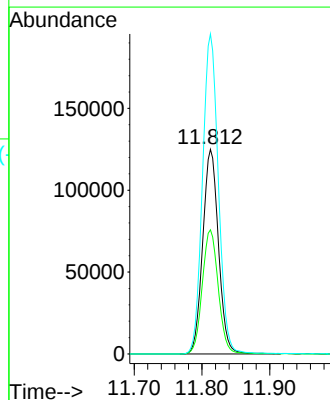
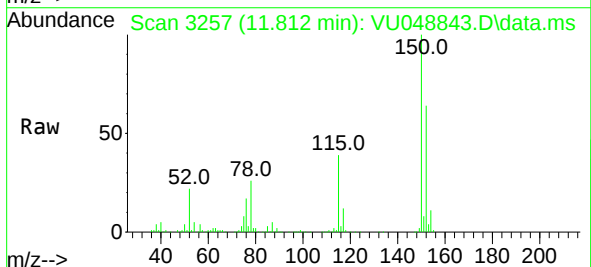
Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531

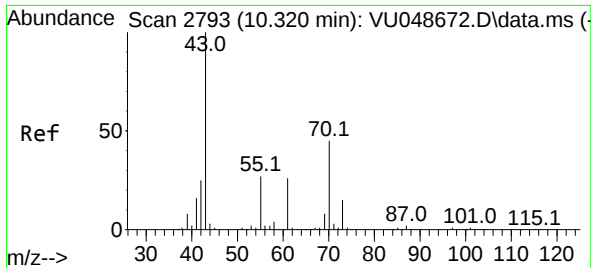
Tgt Ion:117 Resp: 441862
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Tgt Ion:152 Resp: 201493
Ion Ratio Lower Upper
152 100
115 61.6 41.8 125.4
150 156.8 0.0 341.0

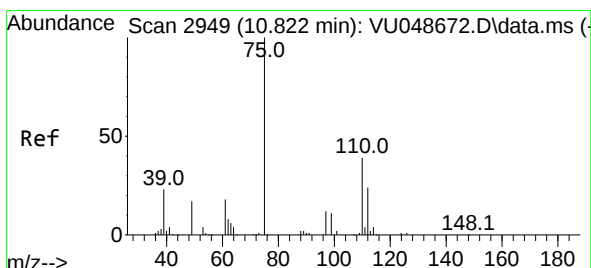
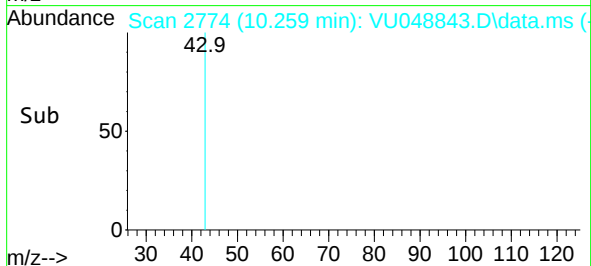
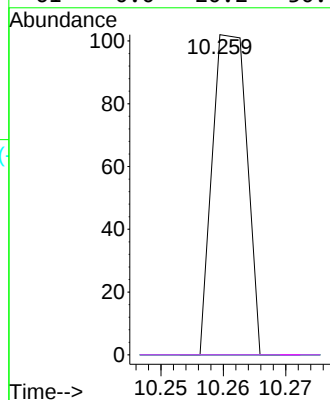
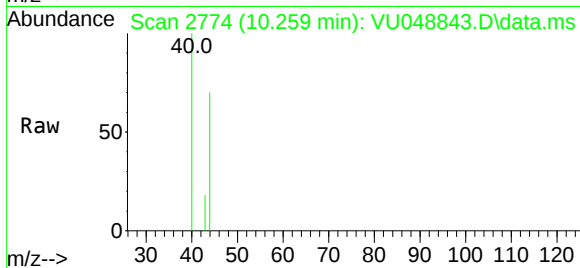




#74
N-amy1 acetate
Concen: 2.473 ug/l
RT: 10.259 min Scan# 21
Delta R.T. -0.061 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

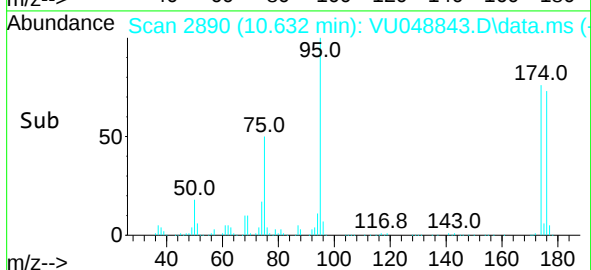
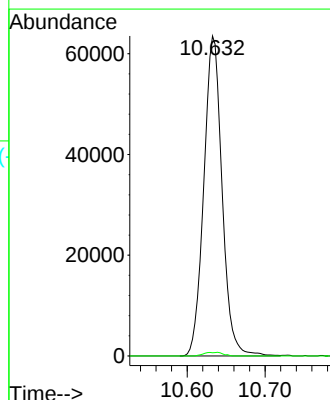
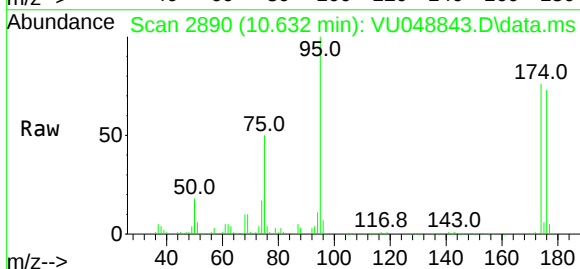
Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531

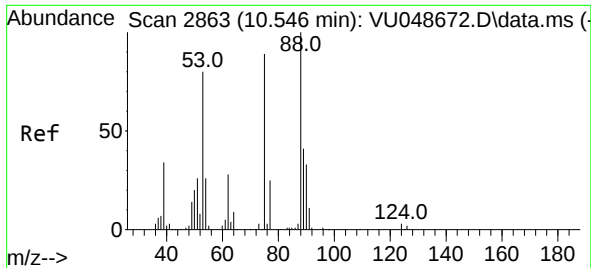
Tgt Ion: 43	Resp: 39
Ion Ratio	Lower Upper
43 100	
70 0.0	35.8 53.6#
55 0.0	21.1 31.7#
61 0.0	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 15.934 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Tgt Ion: 75	Resp: 103518
Ion Ratio	Lower Upper
75 100	
77 0.6	14.8 44.3#

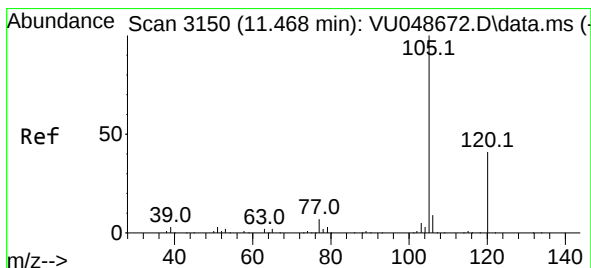
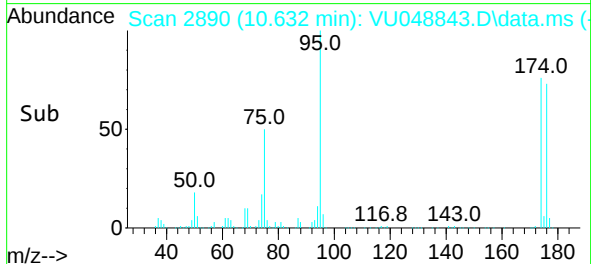
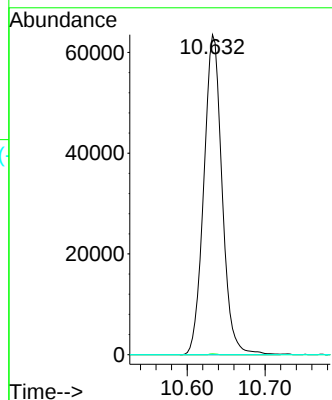
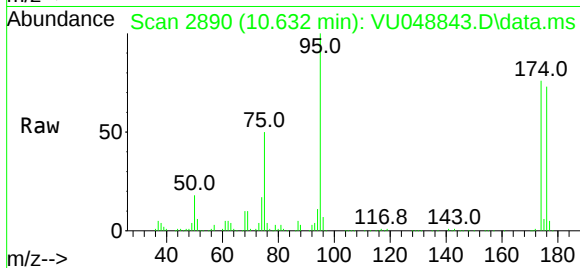




#81
trans-1,4-Dichloro-2-butene
Concen: 57.855 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

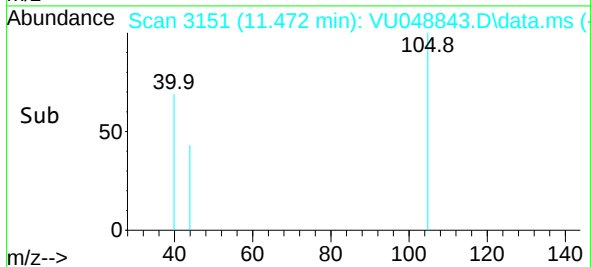
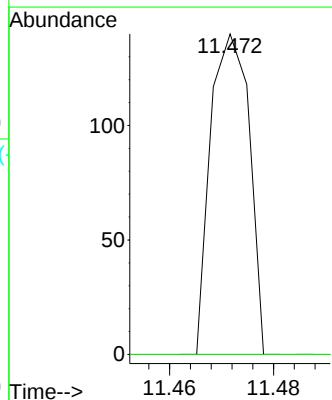
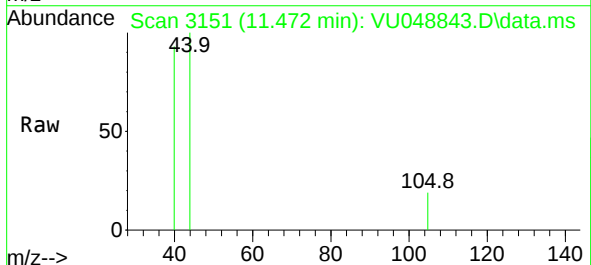
Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531

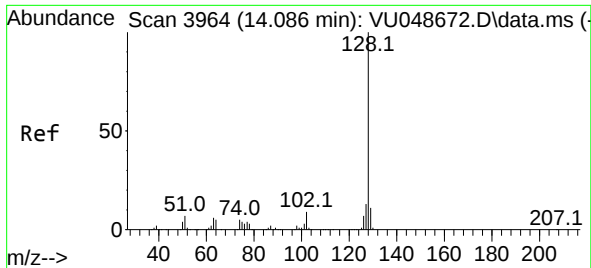
Tgt Ion: 75 Resp: 103518
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.193 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

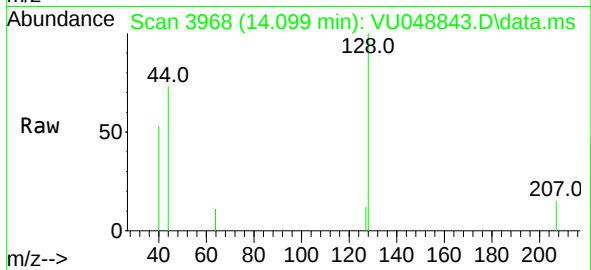
Tgt Ion: 105 Resp: 72
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#





#95
Naphthalene
Concen: 2.672 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.013 min
Lab File: VU048843.D
Acq: 03 Jun 2022 07:34

Instrument :
MSVOA_U
ClientSampleId :
58BR-20220531



Tgt Ion:	128	Resp:	2329
Ion	Ratio	Lower	Upper
128	100		
127	5.5	10.2	15.4#
129	2.0	8.7	13.1#

