

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048863.D
 Acq On : 03 Jun 2022 17:27
 Operator : SY/MD
 Sample : N3112-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP01-20220527

Quant Time: Jun 04 04:39:31 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)

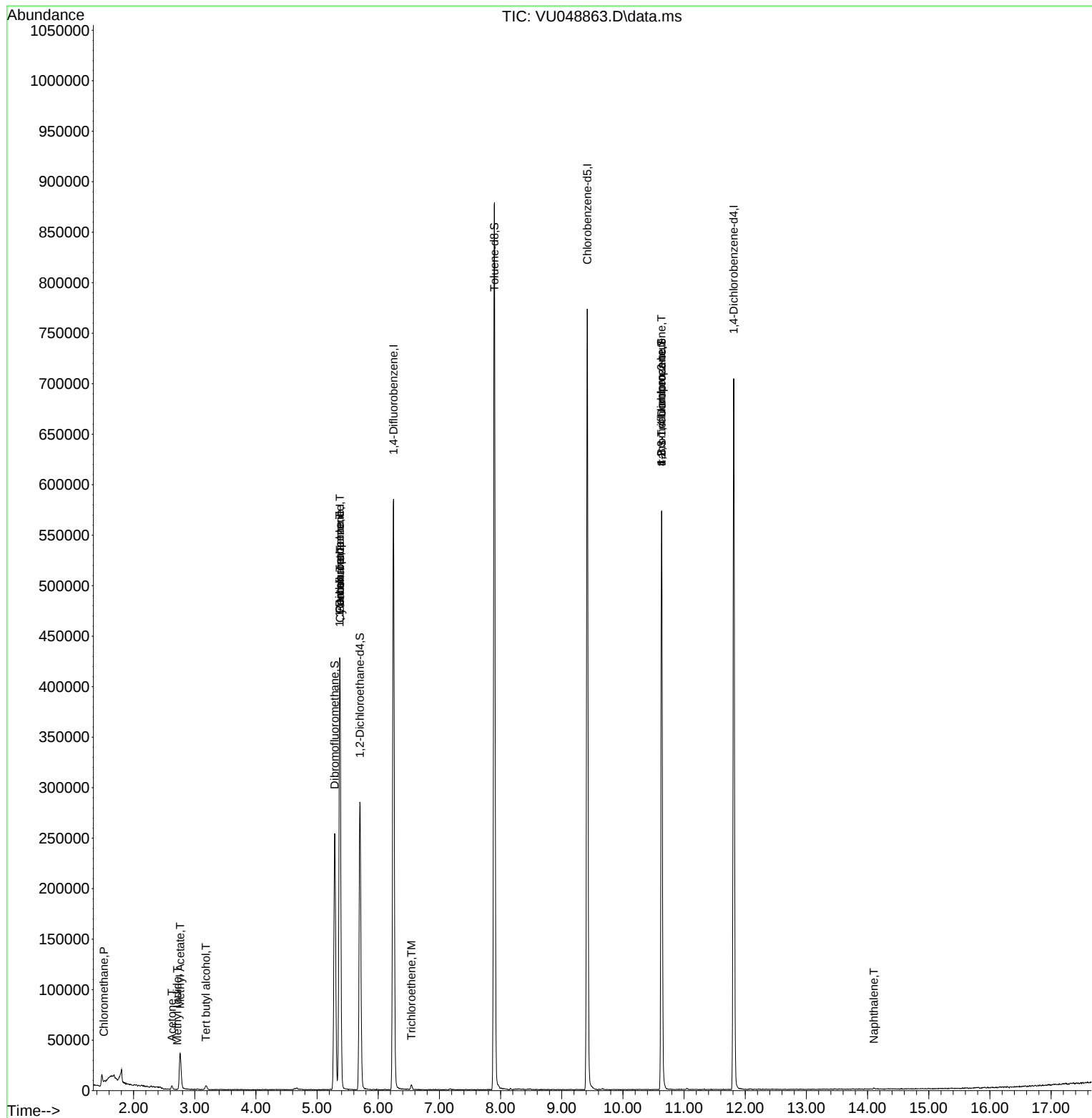
Internal Standards						
1) Pentafluorobenzene	5.372	168	286934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	469122	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	423999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	186178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	217673	50.514	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.020%
35) Dibromofluoromethane	5.288	113	162344	48.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.020%
50) Toluene-d8	7.899	98	581595	48.478	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	10.632	95	191837	42.281	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1002	0.237	ug/l #	84
5) Bromomethane	1.848	94	176	Below Cal	#	65
6) Chloroethane	2.041	64	174	Below Cal	#	80
10) Methyl Iodide	2.716	142	46	3.014	ug/l #	37
11) Tert butyl alcohol	3.182	59	2641	2.417	ug/l #	28
13) Acrolein	2.478	56	99	Below Cal		87
16) Acetone	2.626	43	3595	1.637	ug/l	93
18) Methyl Acetate	2.761	43	10597	1.922	ug/l #	51
31) Cyclohexane	5.375	56	6199	1.141	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	23527	4.817	ug/l #	50
38) Carbon Tetrachloride	5.372	117	29557	5.274	ug/l #	17
44) Trichloroethene	6.542	130	1638	0.441	ug/l	97
76) 1,2,3-Trichloropropane	10.632	75	98745	16.450	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	98745	59.727	ug/l #	13
95) Naphthalene	14.105	128	1407	2.624	ug/l #	69

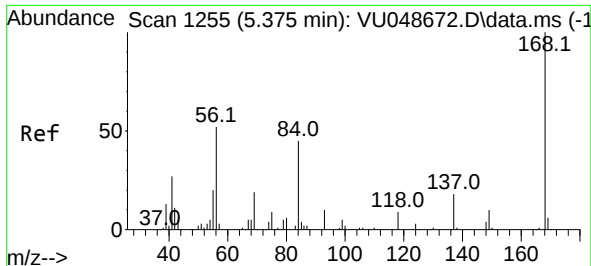
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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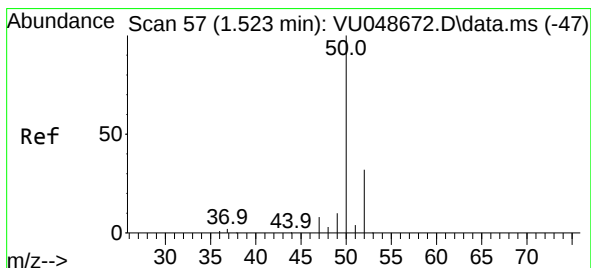
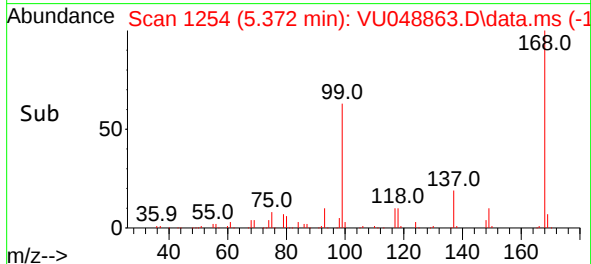
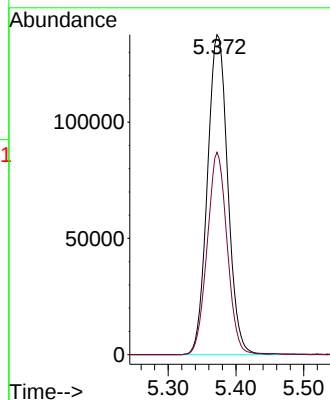
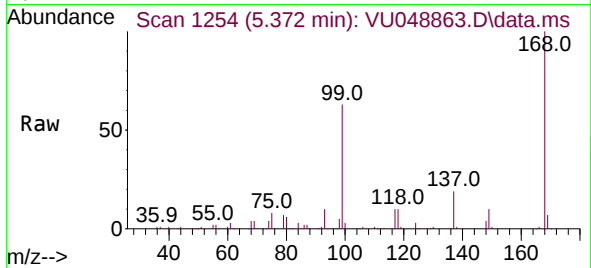




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

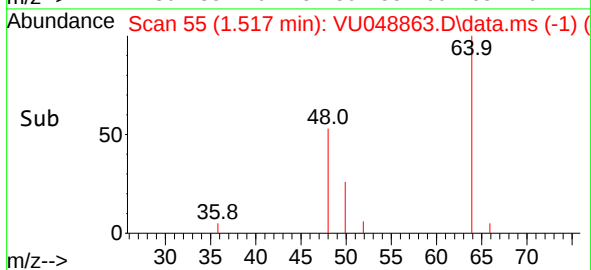
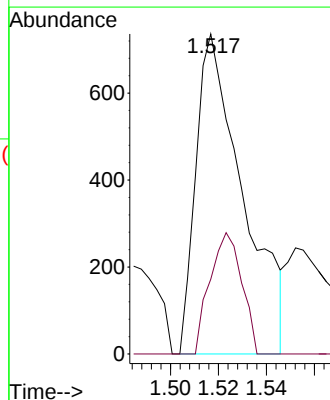
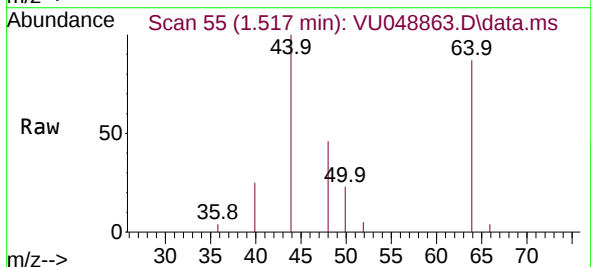
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20220527

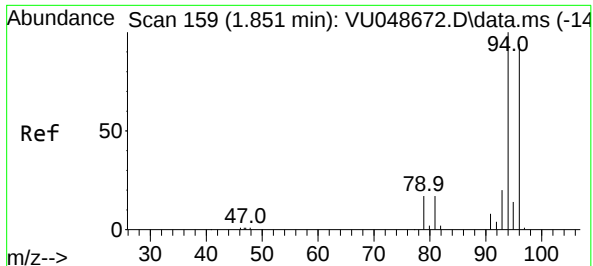
Tgt Ion:168 Resp: 286934
Ion Ratio Lower Upper
168 100
99 63.3 49.3 73.9



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.007 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

Tgt Ion: 50 Resp: 1002
Ion Ratio Lower Upper
50 100
52 23.4 25.7 38.5#

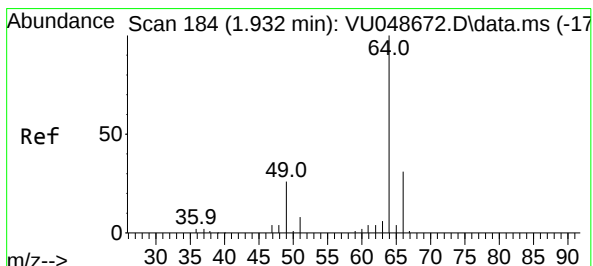
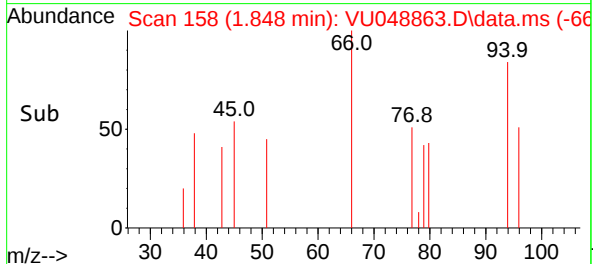
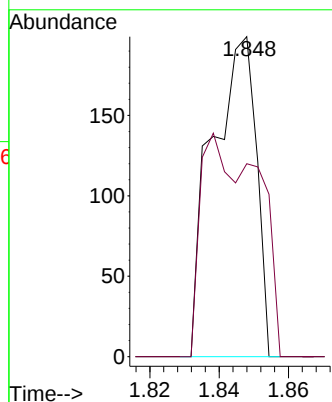
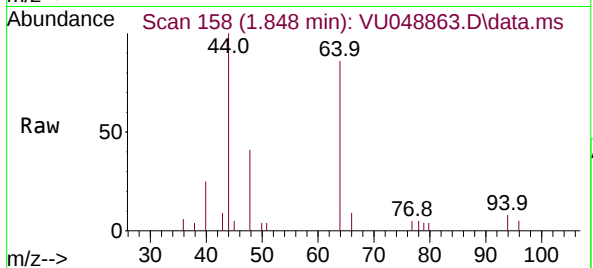




#5
Bromomethane
Concen: Below Cal
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

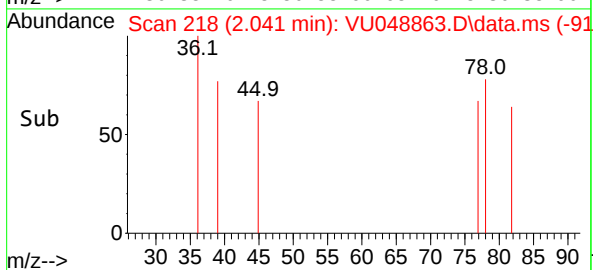
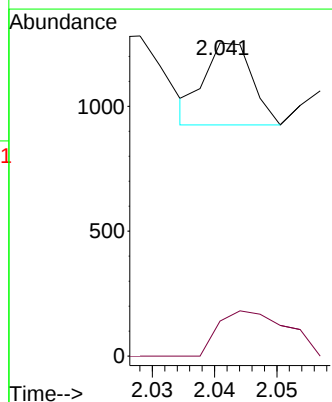
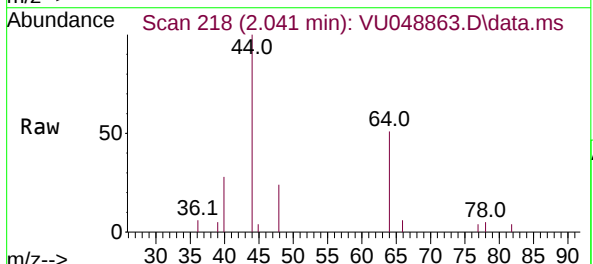
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20220527

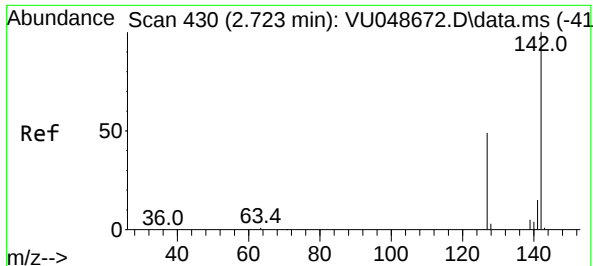
Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 60.3 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 2.041 min Scan# 218
Delta R.T. 0.109 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

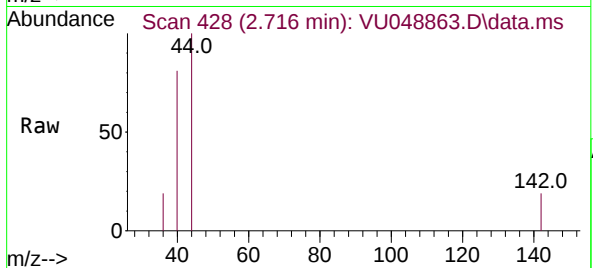
Tgt Ion: 64 Resp: 174
Ion Ratio Lower Upper
64 100
66 42.7 25.2 37.8#



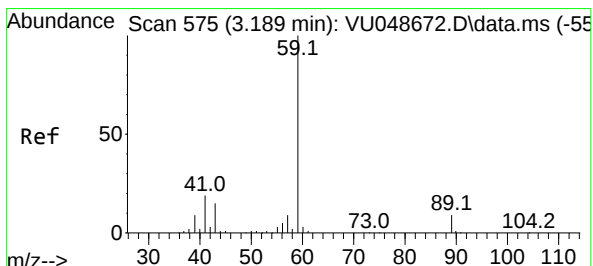
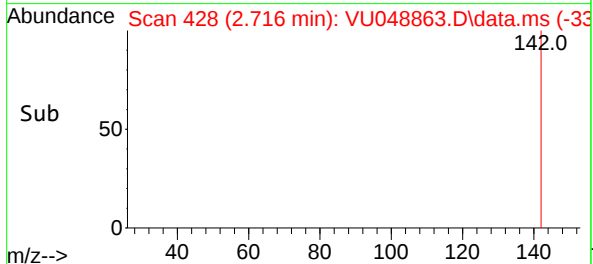
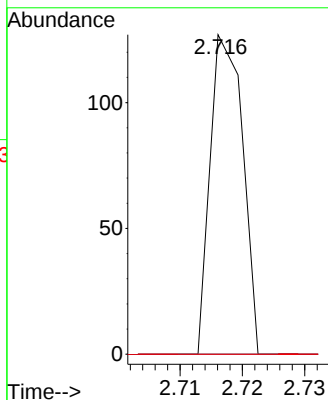


#10
Methyl Iodide
Concen: 3.014 ug/l
RT: 2.716 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

Instrument :
MSVOA_U
ClientSampleId :
DUP01-20220527

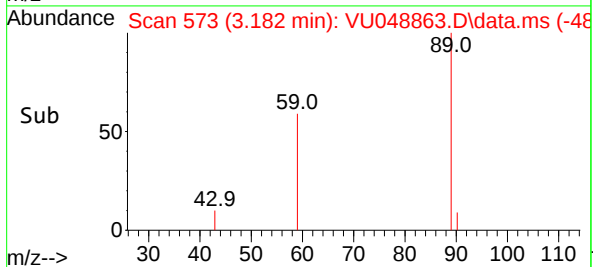
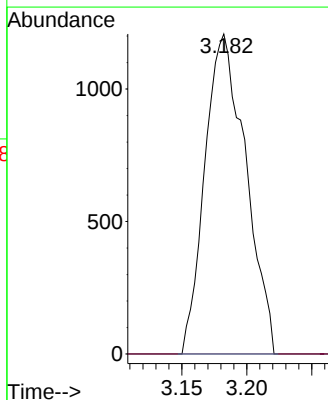
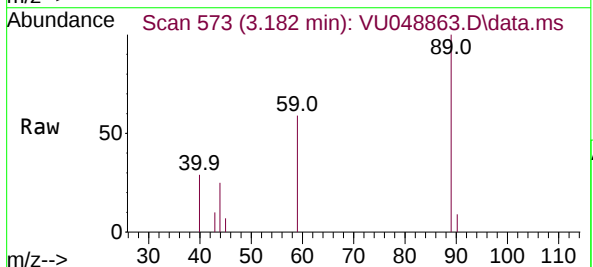


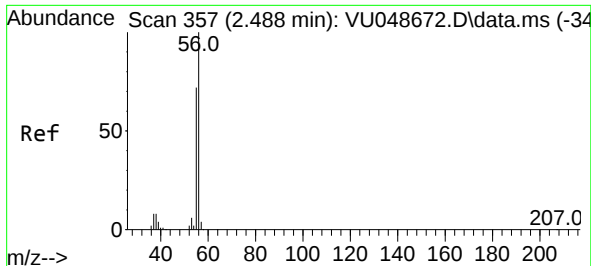
Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 2.417 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.007 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

Tgt Ion: 59 Resp: 2641
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

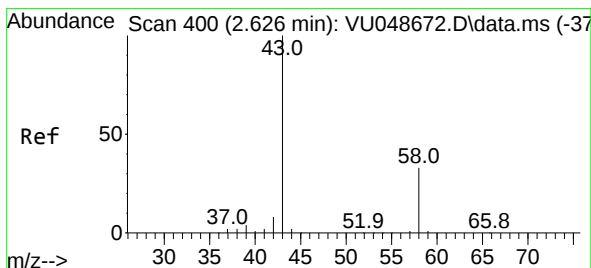
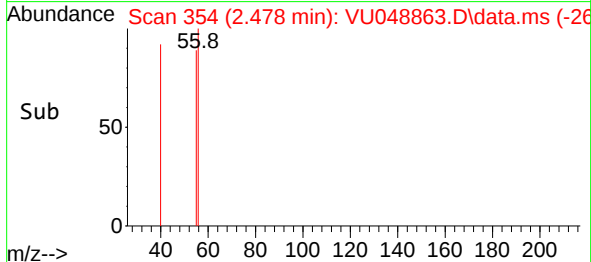
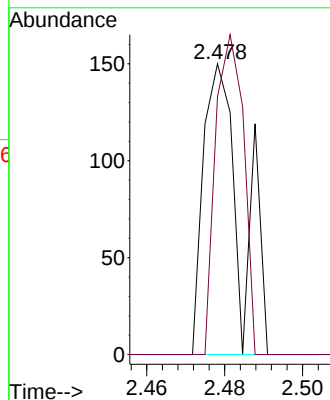
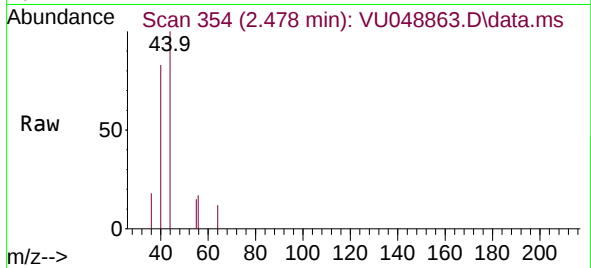




#13
Acrolein
Concen: Below Cal
RT: 2.478 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

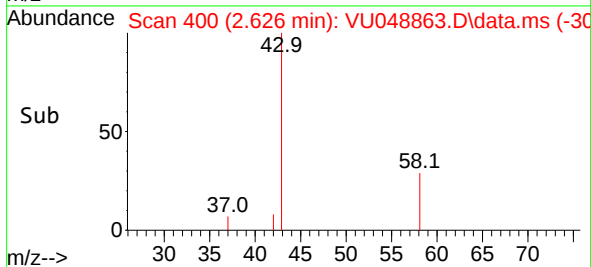
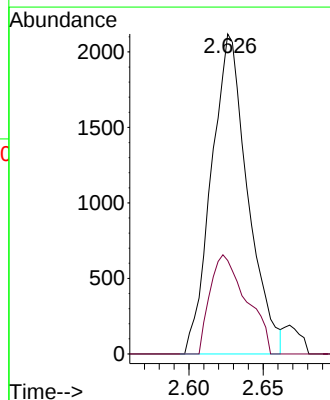
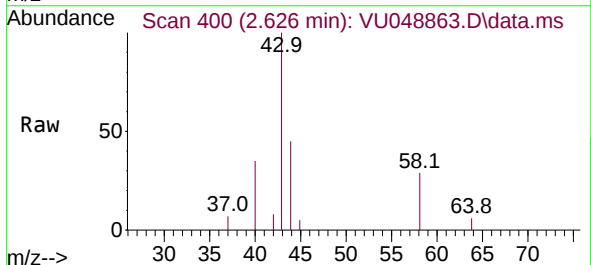
Instrument :
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ClientSampleId :
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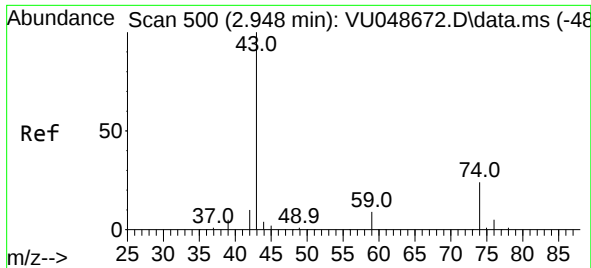
Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 82.8 57.7 86.5



#16
Acetone
Concen: 1.637 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

Tgt Ion: 43 Resp: 3595
Ion Ratio Lower Upper
43 100
58 29.2 26.3 39.5

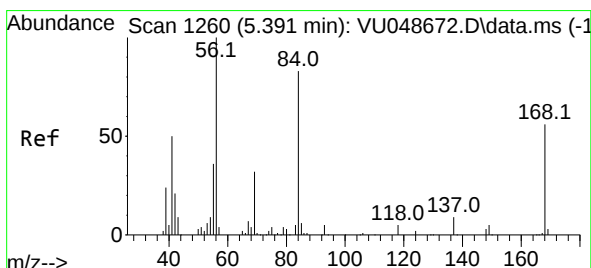
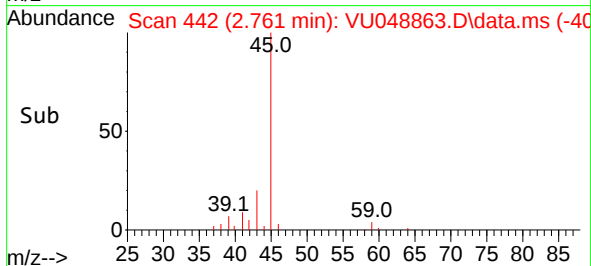
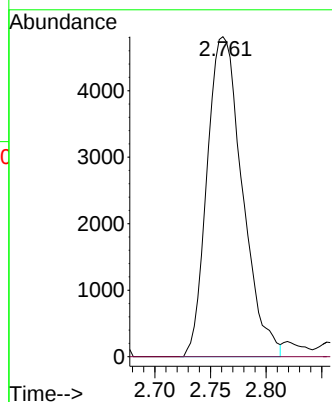
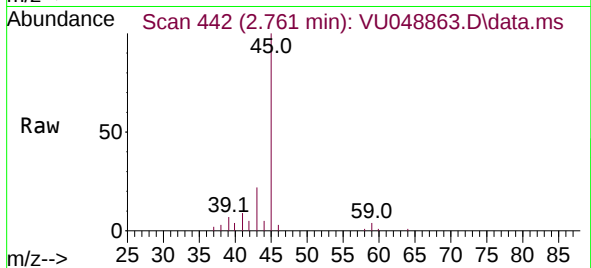




#18
Methyl Acetate
Concen: 1.922 ug/l
RT: 2.761 min Scan# 44
Delta R.T. -0.187 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

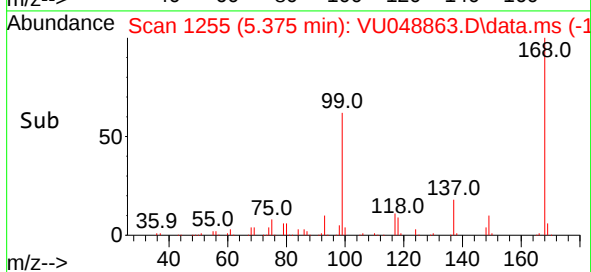
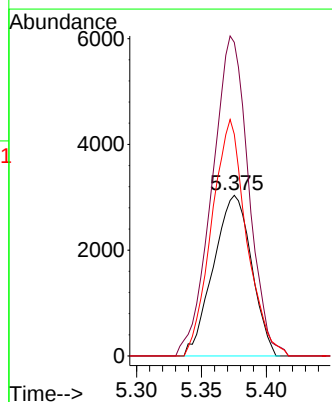
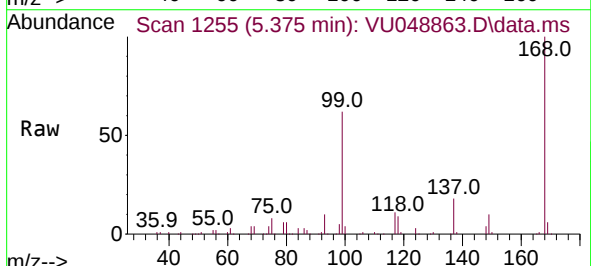
Instrument :
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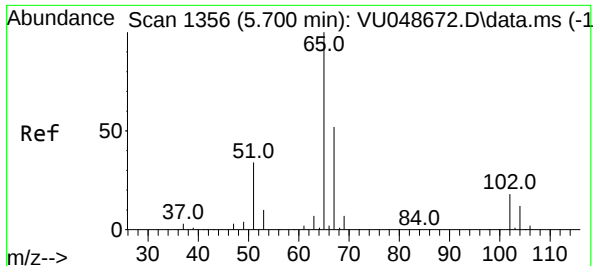
Tgt Ion: 43 Resp: 10597
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

Tgt Ion: 56 Resp: 6199
Ion Ratio Lower Upper
56 100
69 189.7 25.6 38.4#
84 138.0 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 50.514 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048863.D

Acq: 03 Jun 2022 17:27

Instrument :

MSVOA_U

ClientSampleId :

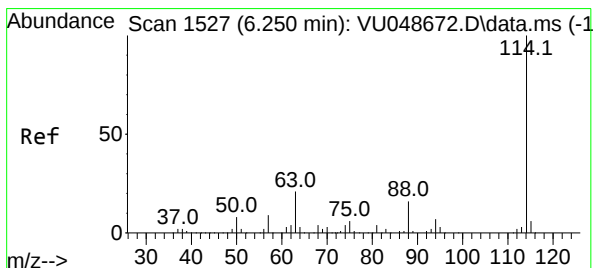
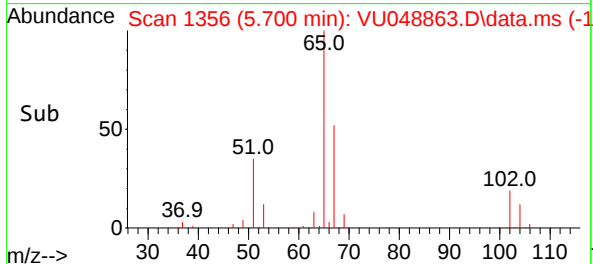
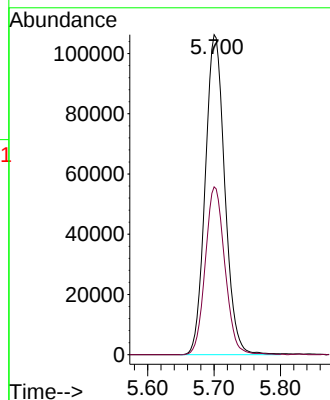
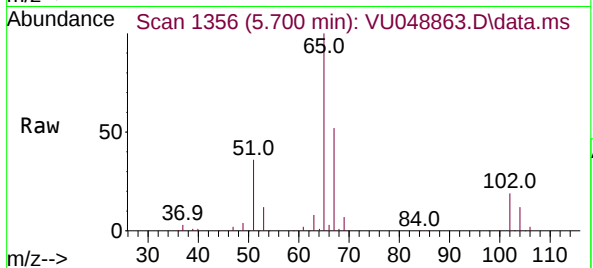
DUP01-20220527

Tgt Ion: 65 Resp: 217673

Ion Ratio Lower Upper

65 100

67 52.5 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: VU048863.D

Acq: 03 Jun 2022 17:27

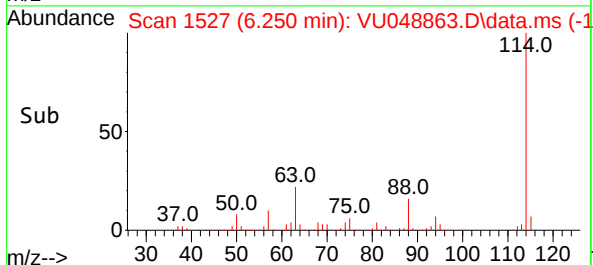
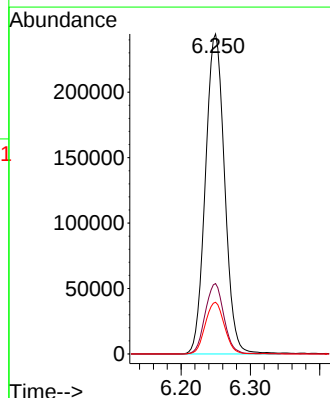
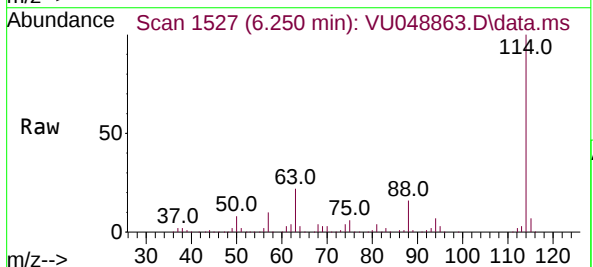
Tgt Ion: 114 Resp: 469122

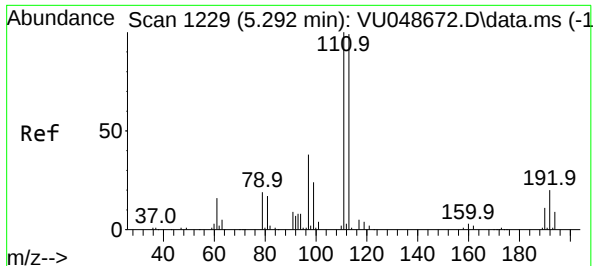
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.6

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.507 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048863.D

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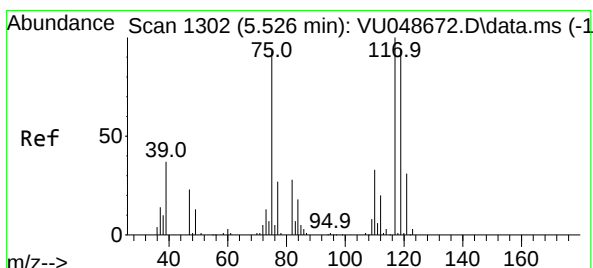
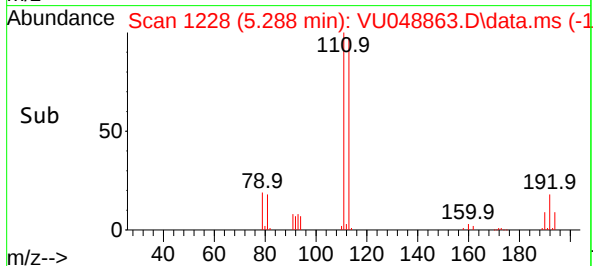
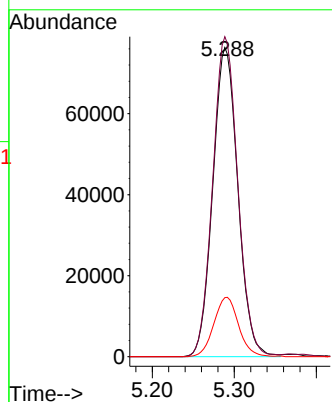
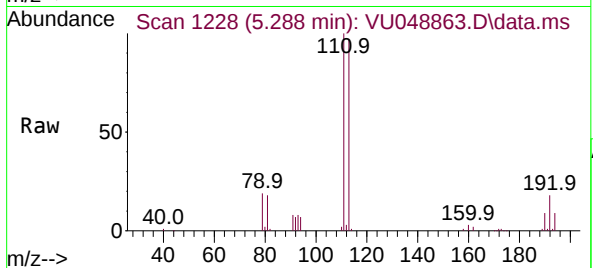
Tgt Ion:113 Resp: 162344

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

192 19.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.817 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.158 min

Lab File: VU048863.D

Acq: 03 Jun 2022 17:27

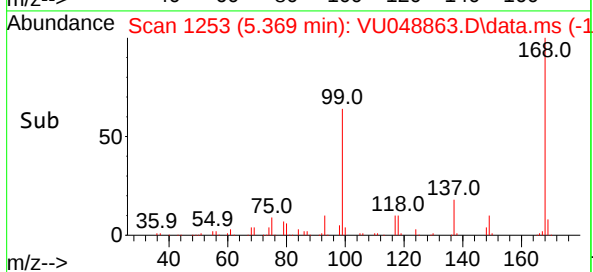
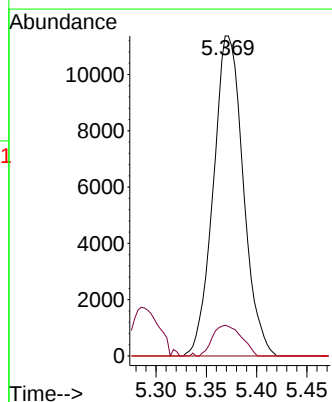
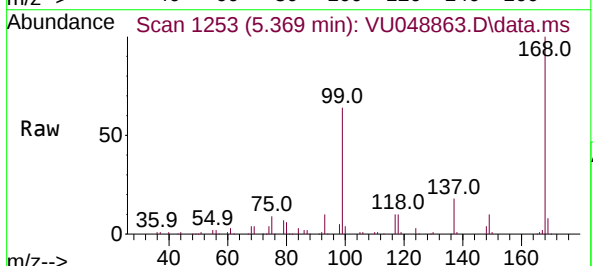
Tgt Ion: 75 Resp: 23527

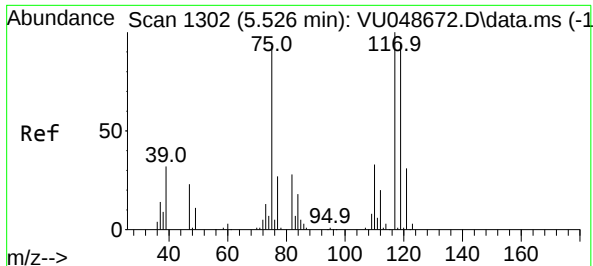
Ion Ratio Lower Upper

75 100

110 9.2 17.4 52.3#

77 0.0 24.8 37.2#

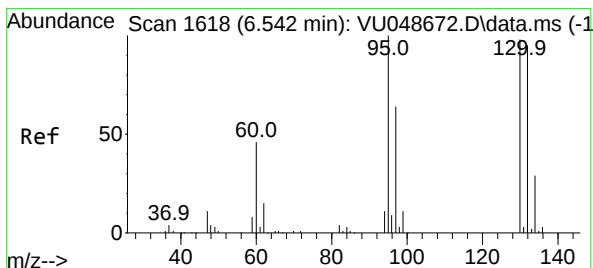
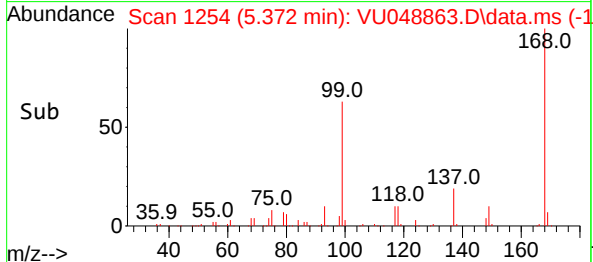
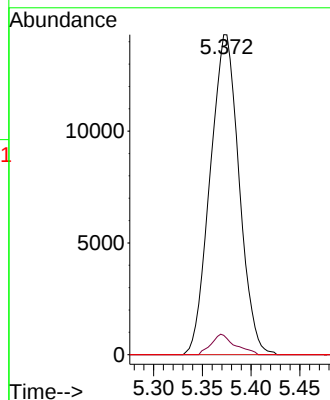
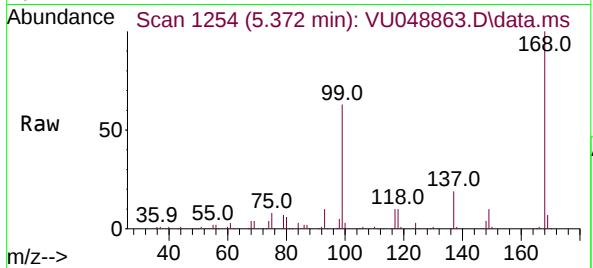




#38
Carbon Tetrachloride
Concen: 5.274 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

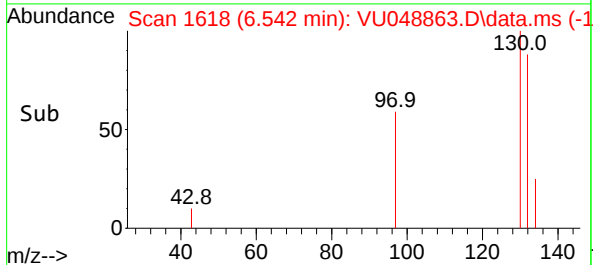
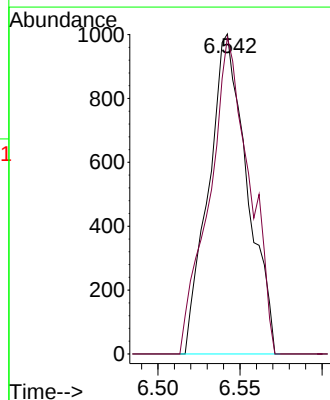
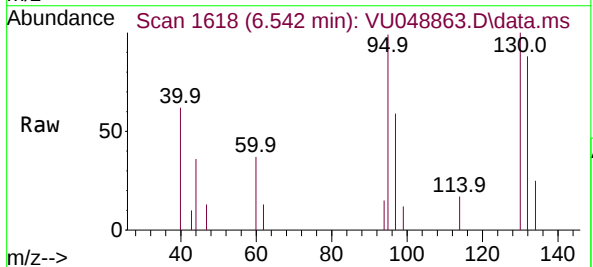
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20220527

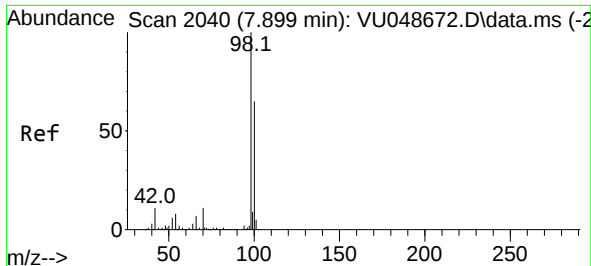
Tgt Ion:117 Resp: 29557
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.2#
121 0.0 24.6 36.8#



#44
Trichloroethene
Concen: 0.441 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

Tgt Ion:130 Resp: 1638
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.8

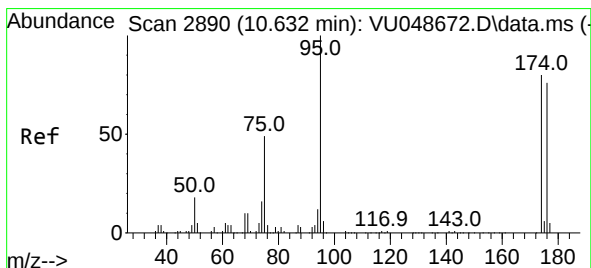
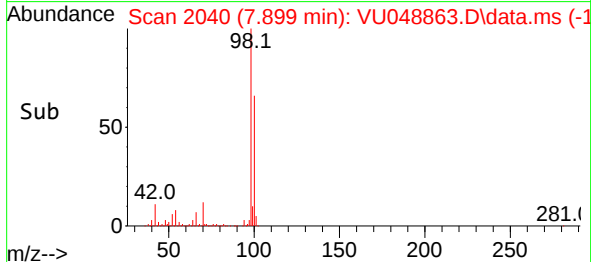
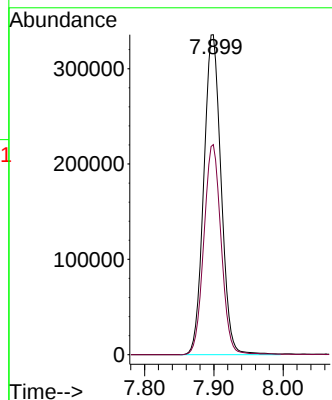
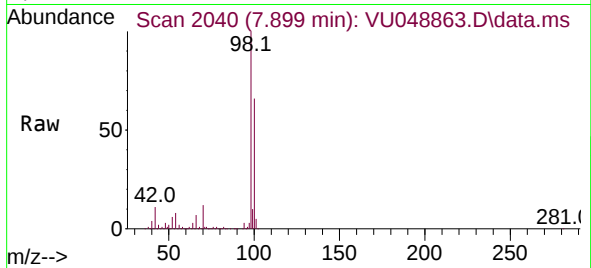




#50
Toluene-d8
Concen: 48.478 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

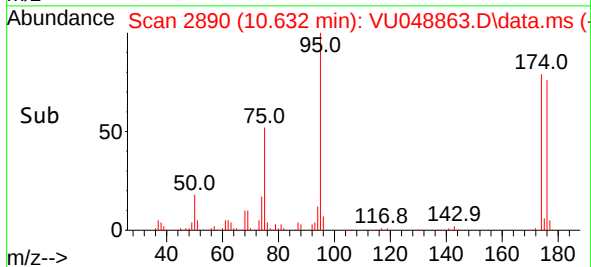
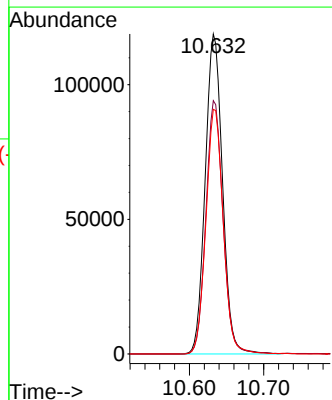
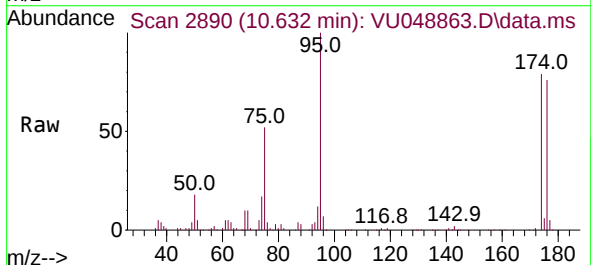
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20220527

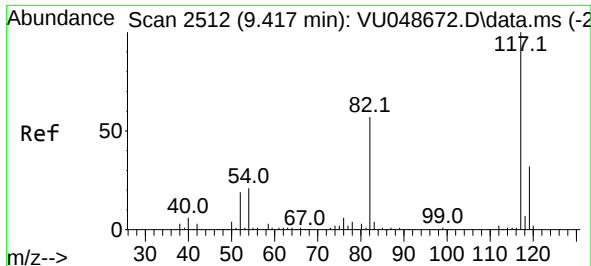
Tgt Ion: 98 Resp: 581595
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.281 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

Tgt Ion: 95 Resp: 191837
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 76.8 0.0 152.4

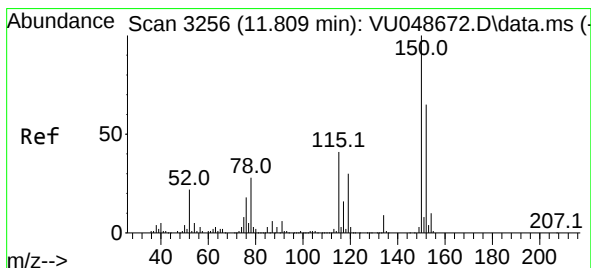
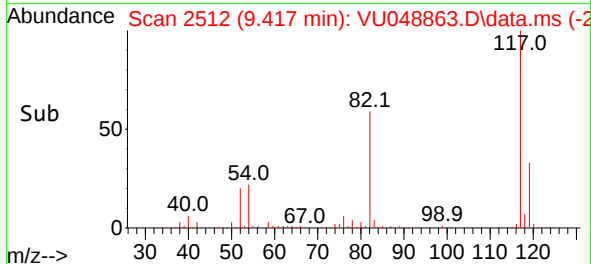
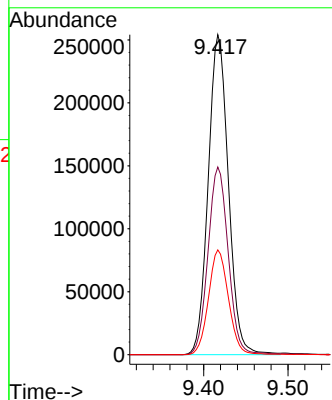
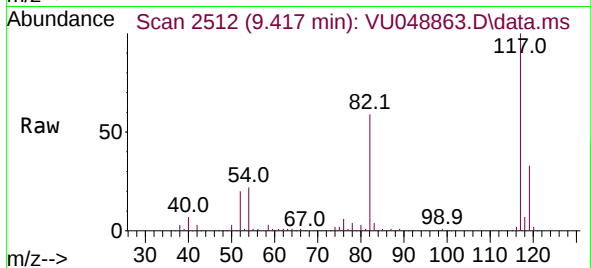




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

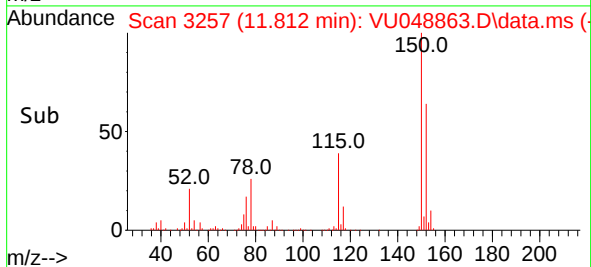
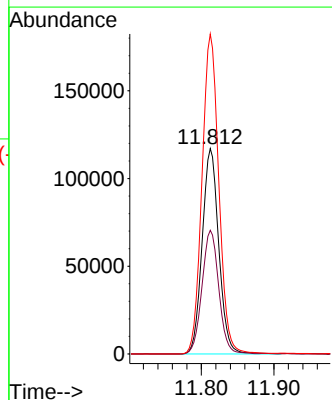
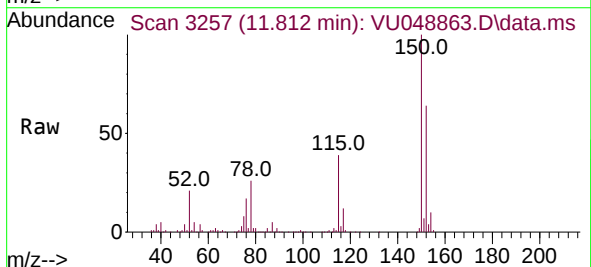
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20220527

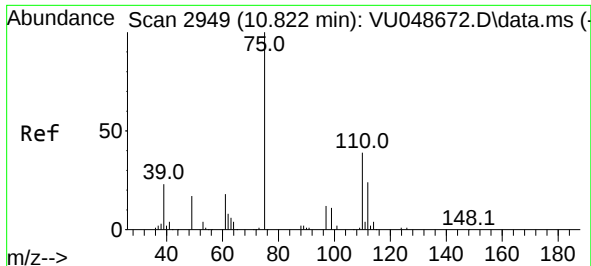
Tgt Ion:117 Resp: 423999
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

Tgt Ion:152 Resp: 186178
Ion Ratio Lower Upper
152 100
115 60.8 41.8 125.4
150 157.6 0.0 341.0

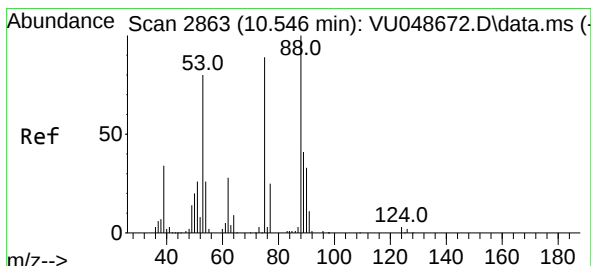
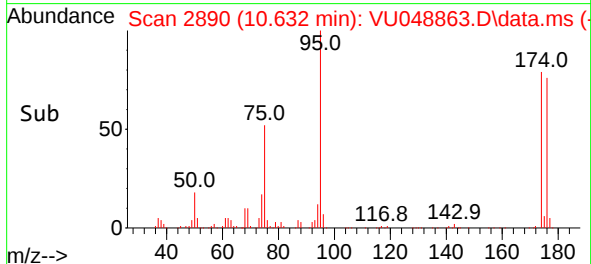
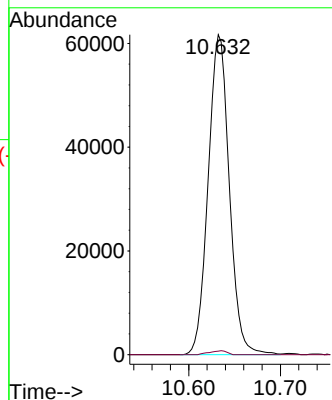
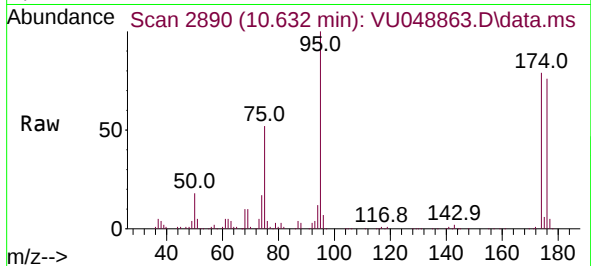




#76
1,2,3-Trichloropropane
Concen: 16.450 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

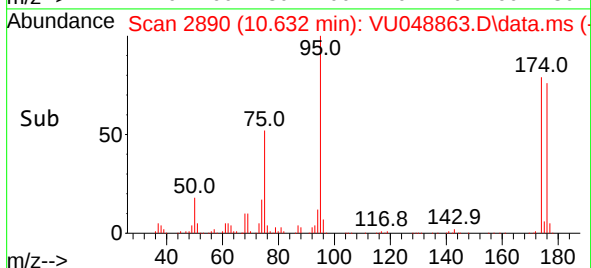
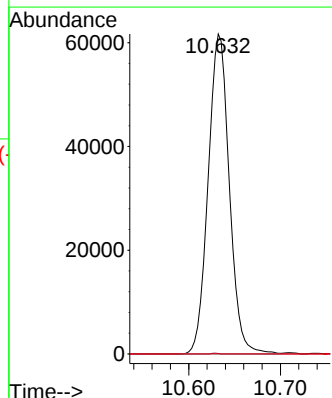
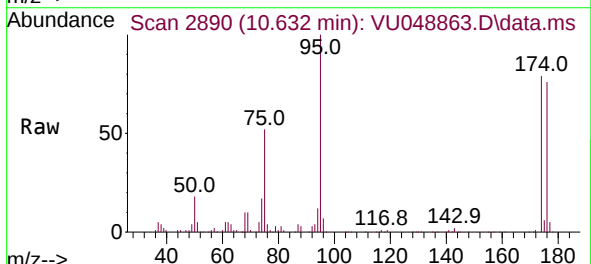
Instrument :
MSVOA_U
ClientSampleId :
DUP01-20220527

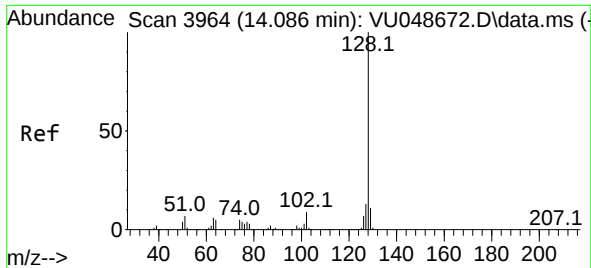
Tgt Ion: 75 Resp: 98745
Ion Ratio Lower Upper
75 100
77 1.0 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.727 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

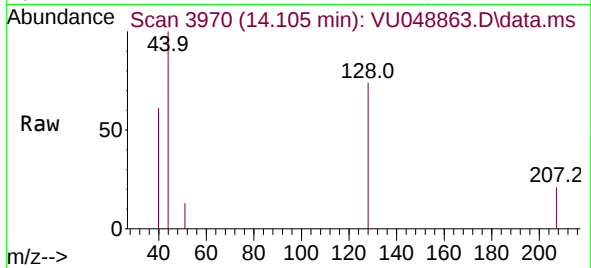
Tgt Ion: 75 Resp: 98745
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 2.624 ug/l
RT: 14.105 min Scan# 3964
Delta R.T. 0.019 min
Lab File: VU048863.D
Acq: 03 Jun 2022 17:27

Instrument :
MSVOA_U
ClientSampleId :
DUP01-20220527



Tgt Ion:128 Resp: 1407
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.7 13.1#

