

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048944.D
 Acq On : 08 Jun 2022 05:22
 Operator : SY/MD
 Sample : N3166-21 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP10-20220601

Quant Time: Jun 08 09:17:45 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)

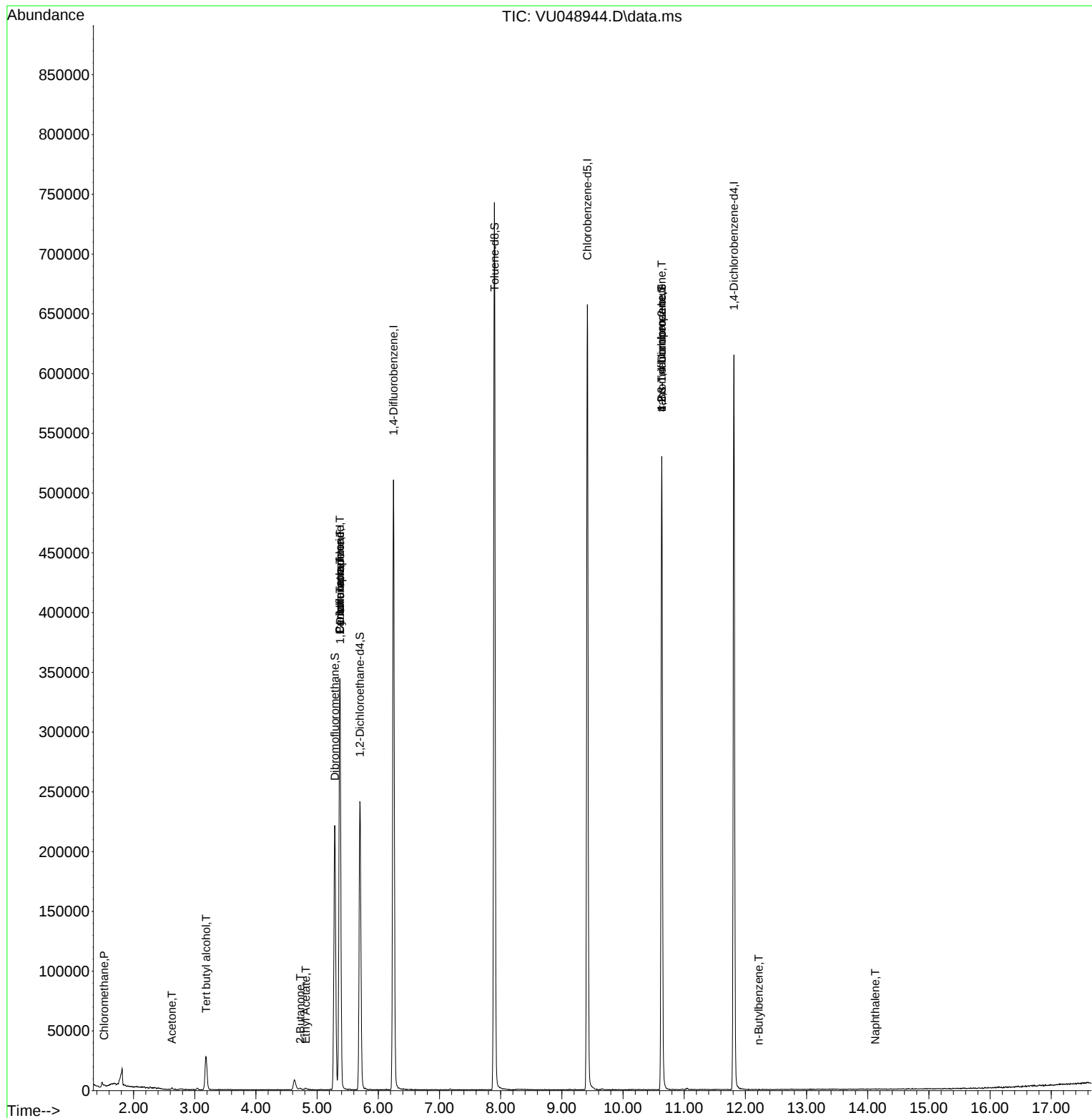
Internal Standards						
1) Pentafluorobenzene	5.372	168	234305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	402254	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	362488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	163605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	187112	53.175	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.340%			
35) Dibromofluoromethane	5.288	113	141798	49.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.820%			
50) Toluene-d8	7.899	98	493053	47.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.860%			
62) 4-Bromofluorobenzene	10.632	95	176160	45.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.560%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	819	0.237	ug/l #	80
5) Bromomethane	1.845	94	197	Below Cal	#	3
6) Chloroethane	1.948	64	246	Below Cal	#	43
11) Tert butyl alcohol	3.186	59	17426	19.533	ug/l #	29
16) Acetone	2.623	43	1584	0.883	ug/l #	84
25) 2-Butanone	4.726	43	1695	0.658	ug/l #	79
31) Cyclohexane	5.372	56	5007	1.129	ug/l #	9
36) 1,1-Dichloropropene	5.375	75	18703	4.465	ug/l #	50
37) Ethyl Acetate	4.816	43	2495	0.471	ug/l #	74
38) Carbon Tetrachloride	5.372	117	23994	4.993	ug/l #	18
76) 1,2,3-Trichloropropane	10.632	75	91387	17.324	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	91387	62.903	ug/l #	13
89) n-Butylbenzene	12.217	91	20	2.187	ug/l #	34
95) Naphthalene	14.124	128	172	2.545	ug/l #	69

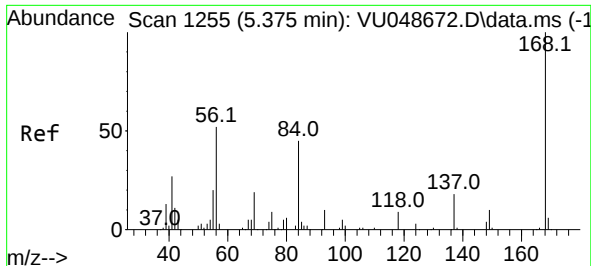
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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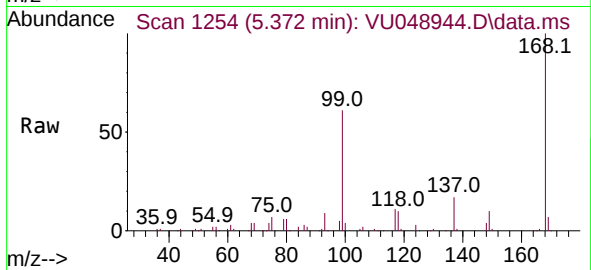
Quant Time: Jun 08 09:17:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration



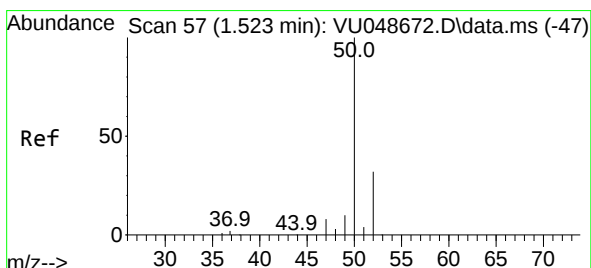
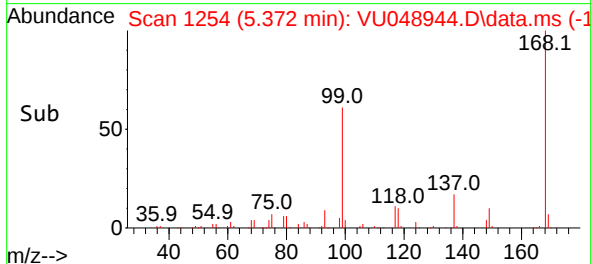
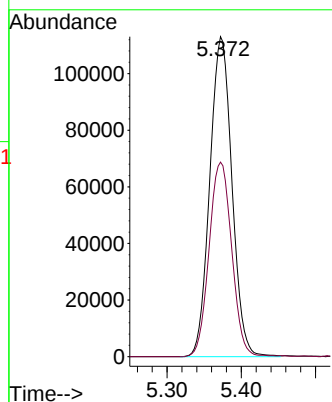


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Instrument :
MSVOA_U
ClientSampleId :
DUP10-20220601

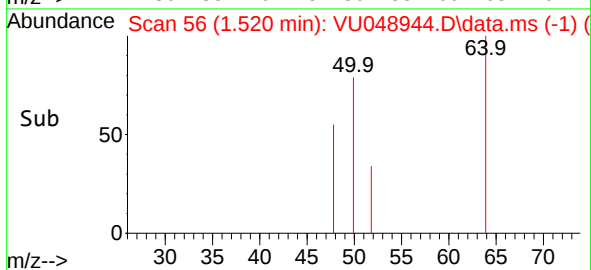
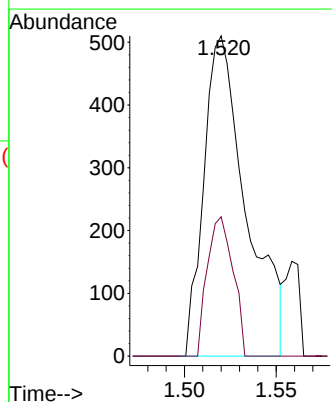
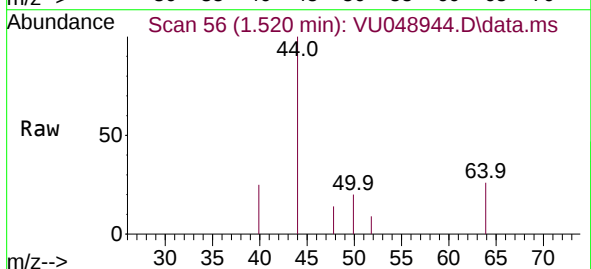


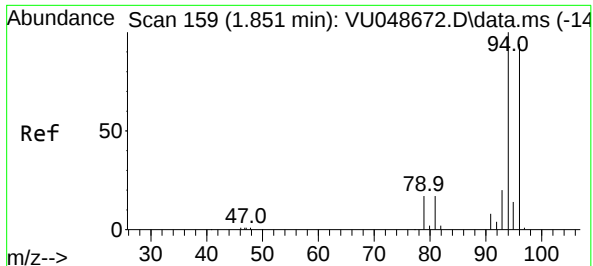
Tgt Ion:168 Resp: 234305
Ion Ratio Lower Upper
168 100
99 60.8 49.3 73.9



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion: 50 Resp: 819
Ion Ratio Lower Upper
50 100
52 43.5 25.7 38.5#

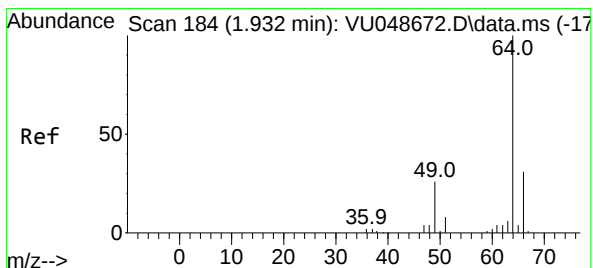
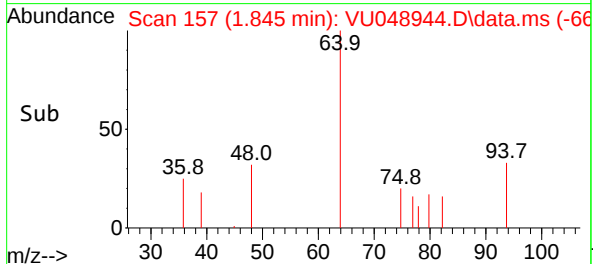
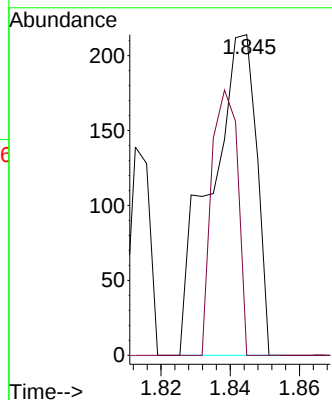
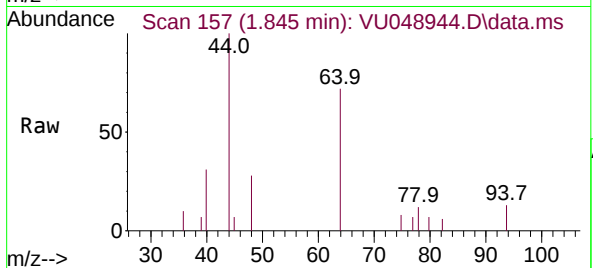




#5
Bromomethane
Concen: Below Cal
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

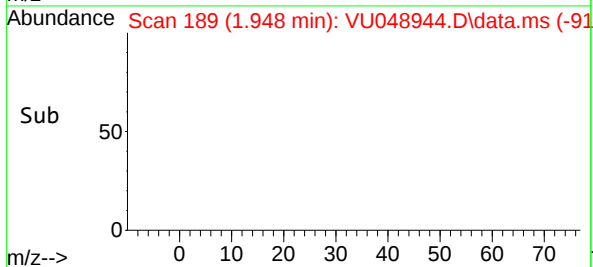
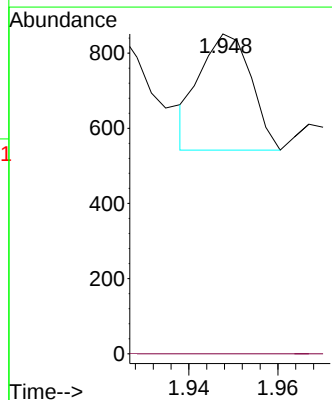
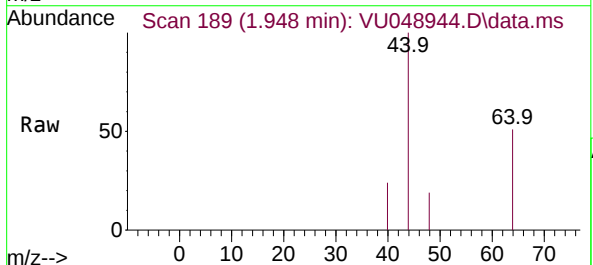
Instrument :
MSVOA_U
ClientSampleId :
DUP10-20220601

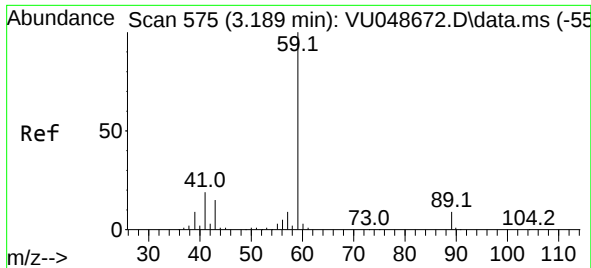
Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.948 min Scan# 189
Delta R.T. 0.016 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion: 64 Resp: 246
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

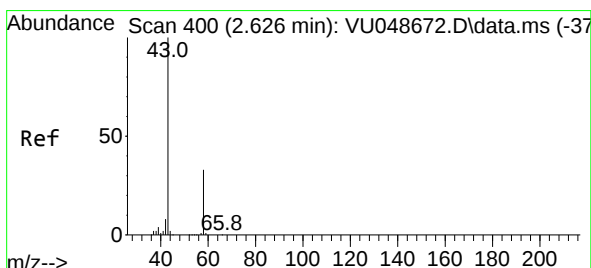
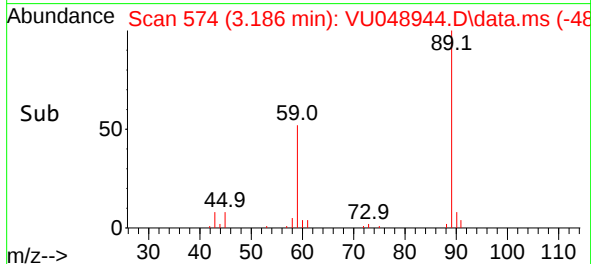
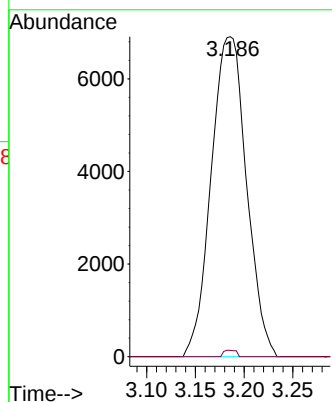
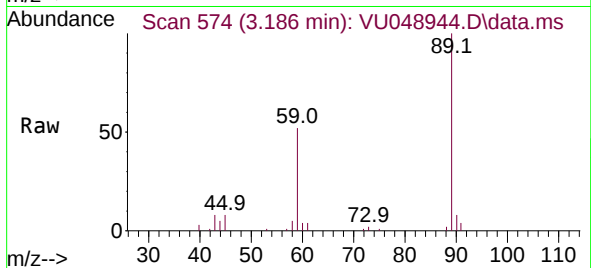




#11
Tert butyl alcohol
Concen: 19.533 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

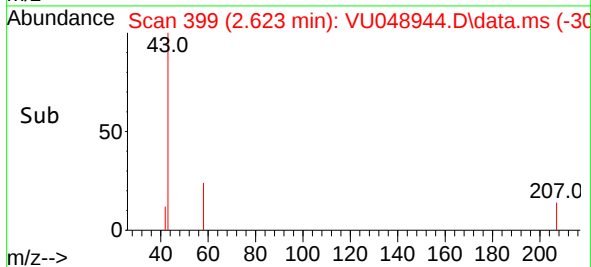
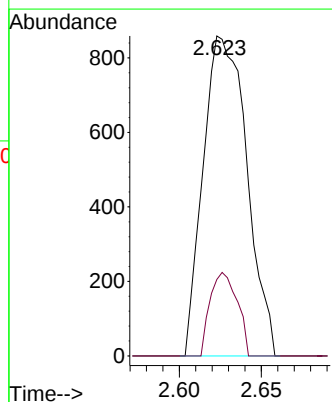
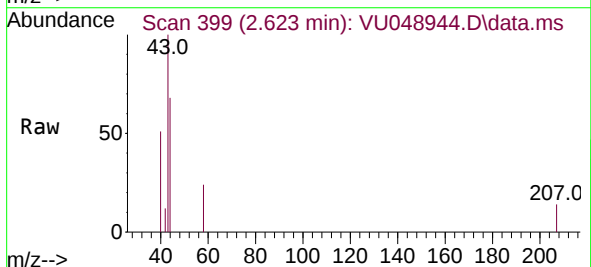
Instrument :
MSVOA_U
ClientSampleId :
DUP10-20220601

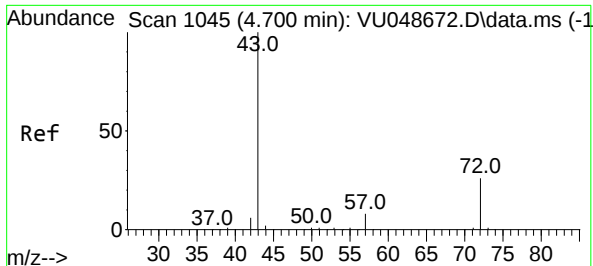
Tgt Ion: 59 Resp: 17426
Ion Ratio Lower Upper
59 100
57 0.7 39.7 59.5#



#16
Acetone
Concen: 0.883 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
58 23.9 26.3 39.5#





#25

2-Butanone

Concen: 0.658 ug/l

RT: 4.726 min Scan# 1053

Delta R.T. 0.026 min

Lab File: VU048944.D

Acq: 08 Jun 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

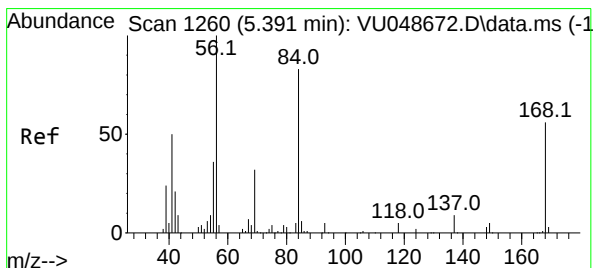
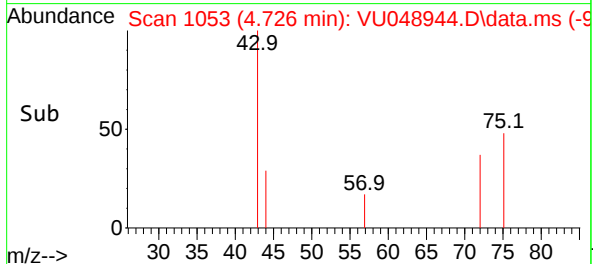
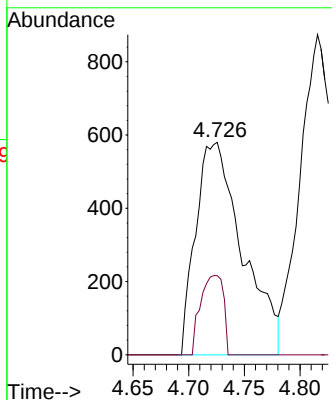
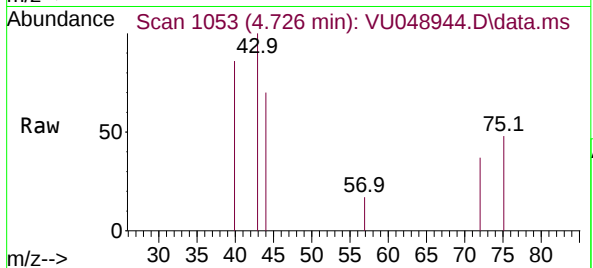
DUP10-20220601

Tgt Ion: 43 Resp: 1695

Ion Ratio Lower Upper

43 100

72 37.2 21.1 31.7#



#31

Cyclohexane

Concen: 1.129 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048944.D

Acq: 08 Jun 2022 05:22

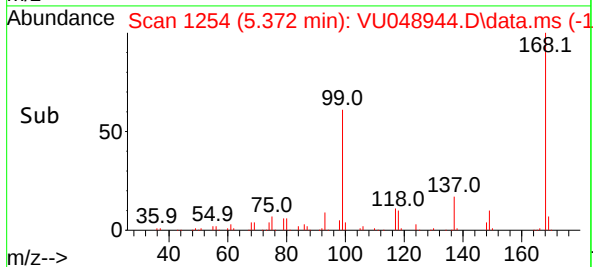
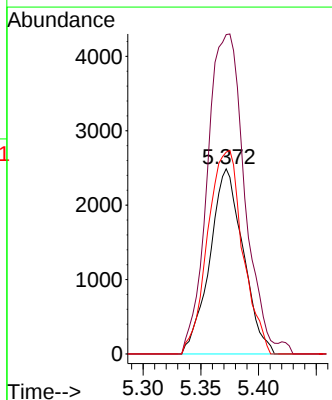
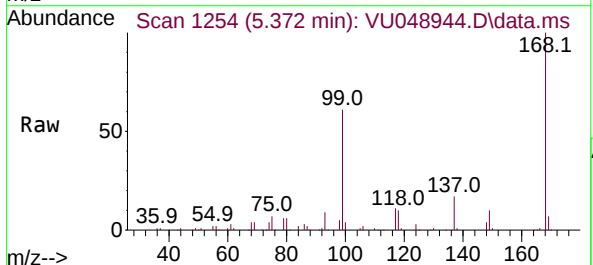
Tgt Ion: 56 Resp: 5007

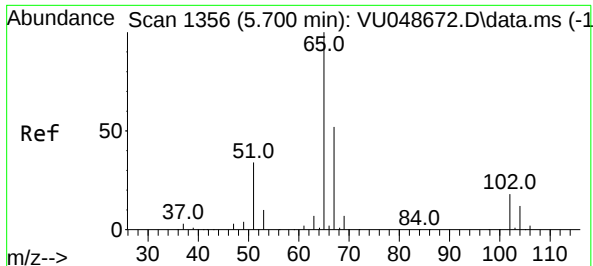
Ion Ratio Lower Upper

56 100

69 172.5 25.6 38.4#

84 109.0 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 53.175 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048944.D

Acq: 08 Jun 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

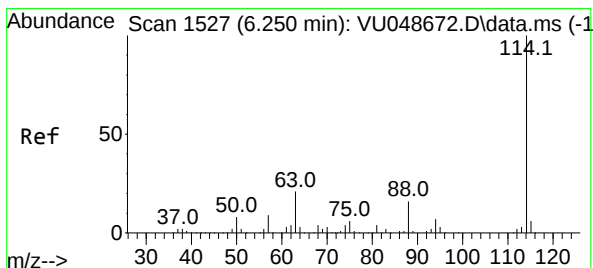
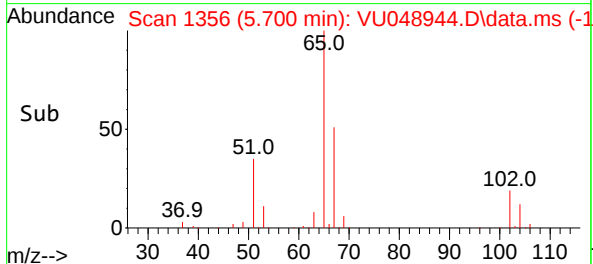
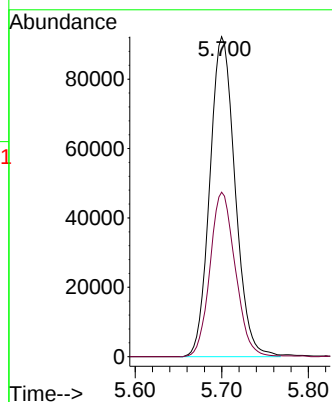
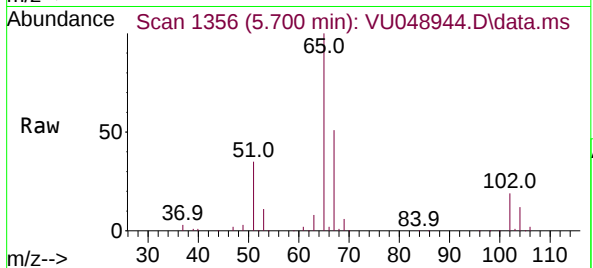
DUP10-20220601

Tgt Ion: 65 Resp: 187112

Ion Ratio Lower Upper

65 100

67 51.5 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: VU048944.D

Acq: 08 Jun 2022 05:22

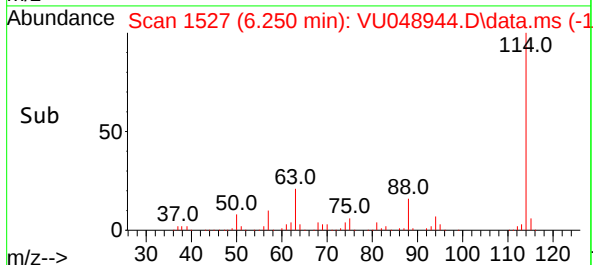
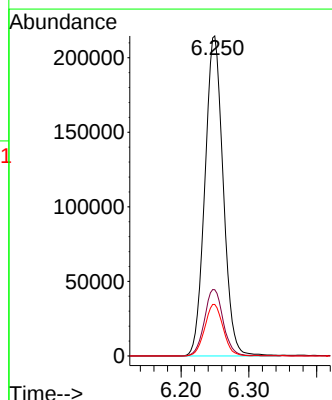
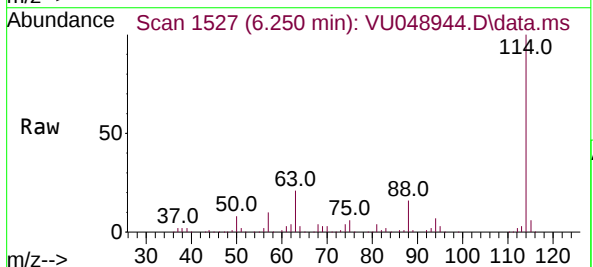
Tgt Ion: 114 Resp: 402254

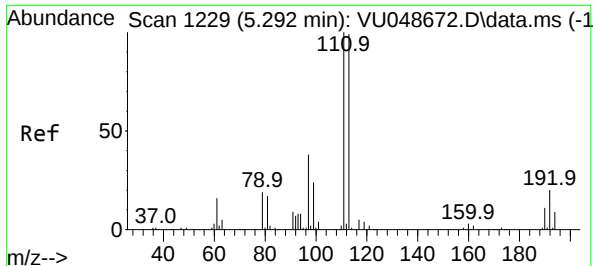
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.411 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048944.D

Acq: 08 Jun 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

DUP10-20220601

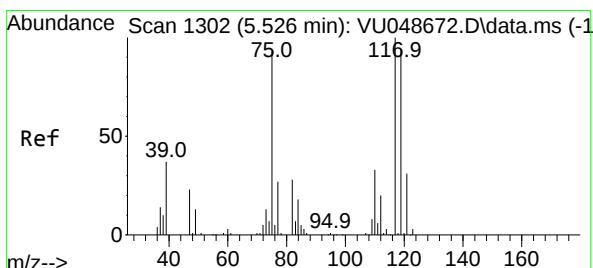
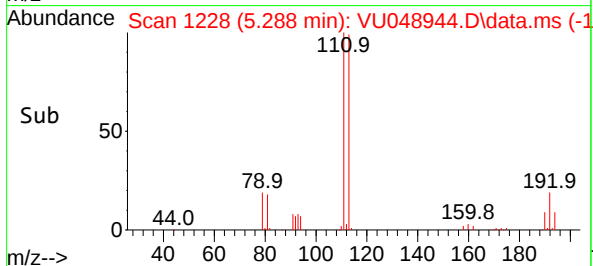
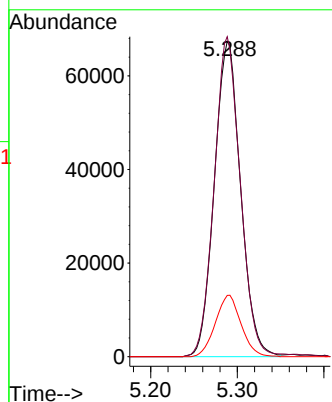
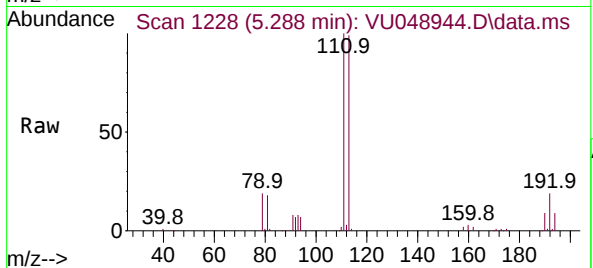
Tgt Ion:113 Resp: 141798

Ion Ratio Lower Upper

113 100

111 100.9 80.7 121.1

192 19.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.465 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU048944.D

Acq: 08 Jun 2022 05:22

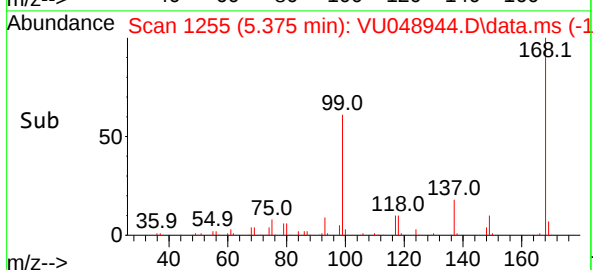
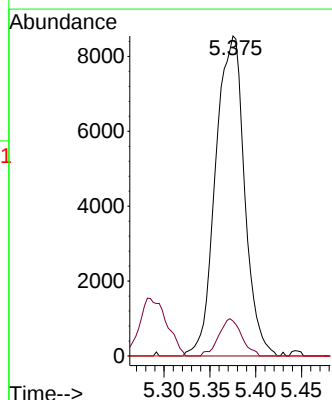
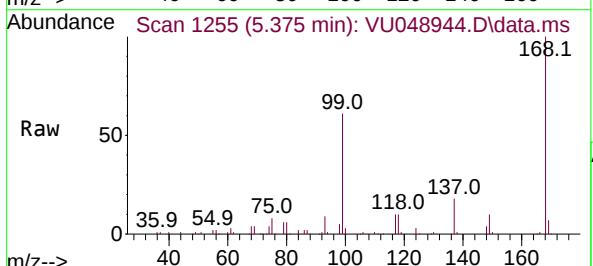
Tgt Ion: 75 Resp: 18703

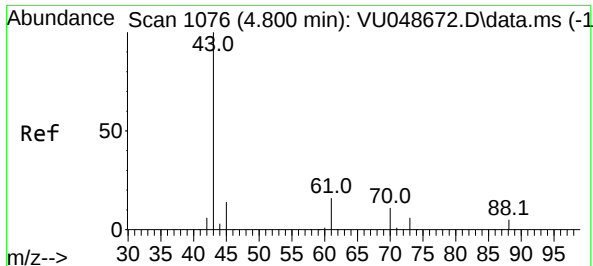
Ion Ratio Lower Upper

75 100

110 9.2 17.4 52.3#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.471 ug/l

RT: 4.816 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU048944.D

Acq: 08 Jun 2022 05:22

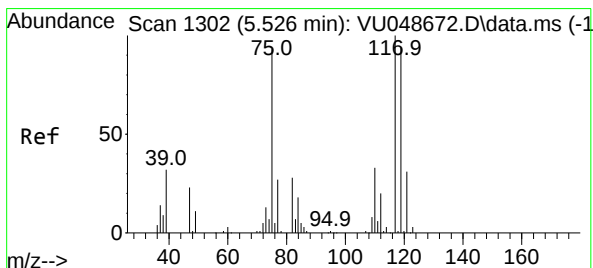
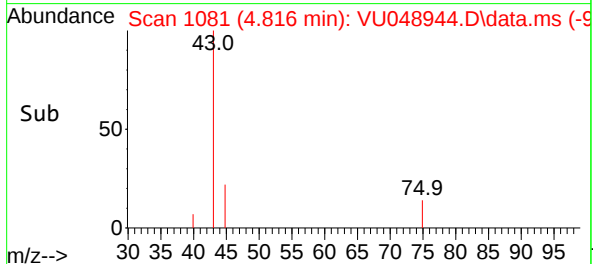
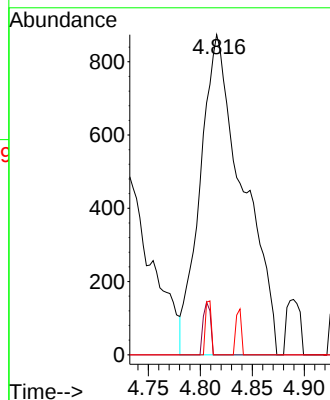
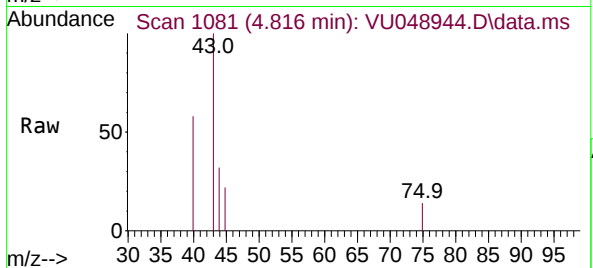
Instrument :

MSVOA_U

ClientSampleId :

DUP10-20220601

Tgt Ion: 43	Resp:	2495
Ion	Ratio	Lower Upper
43	100	
61	2.8	11.7 17.5#
70	2.2	8.4 12.6#



#38

Carbon Tetrachloride

Concen: 4.993 ug/l

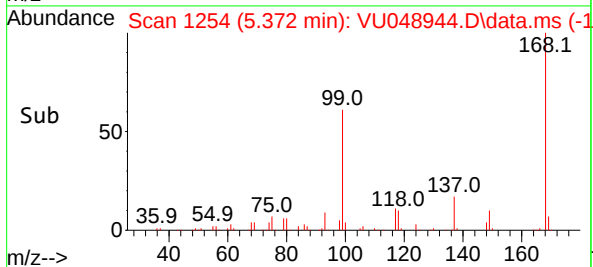
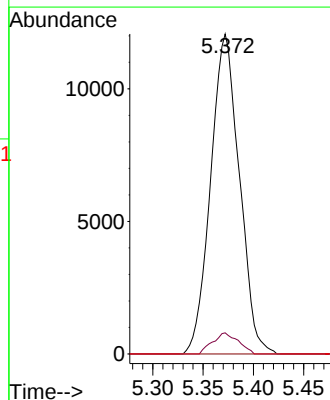
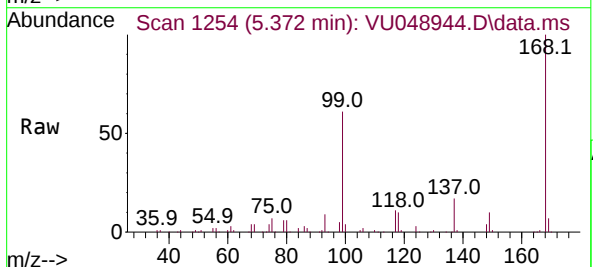
RT: 5.372 min Scan# 1254

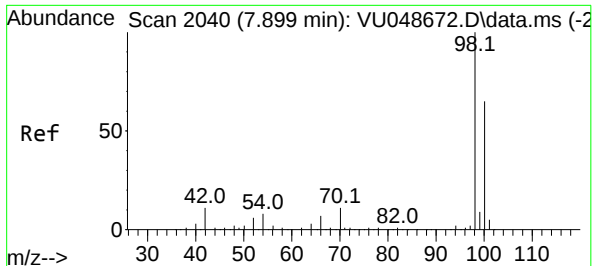
Delta R.T. -0.154 min

Lab File: VU048944.D

Acq: 08 Jun 2022 05:22

Tgt Ion: 117	Resp:	23994
Ion	Ratio	Lower Upper
117	100	
119	6.6	75.4 113.2#
121	0.0	24.6 36.8#

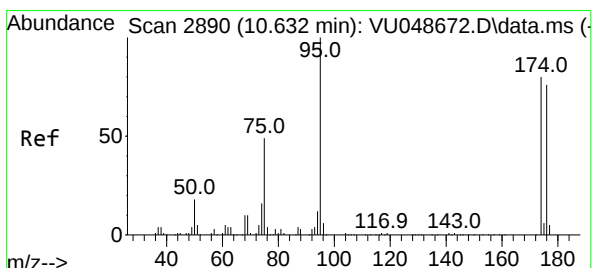
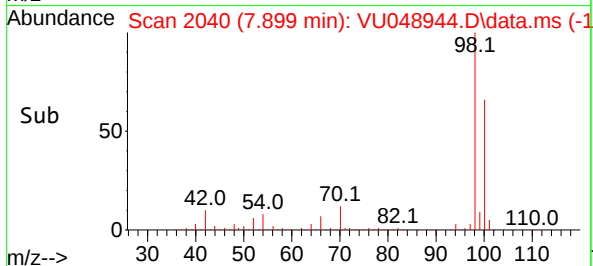
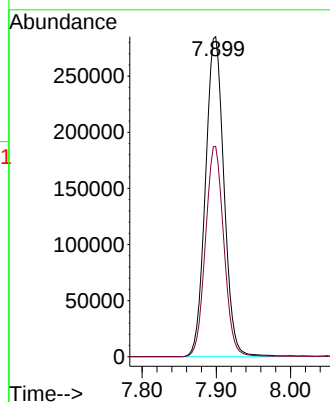
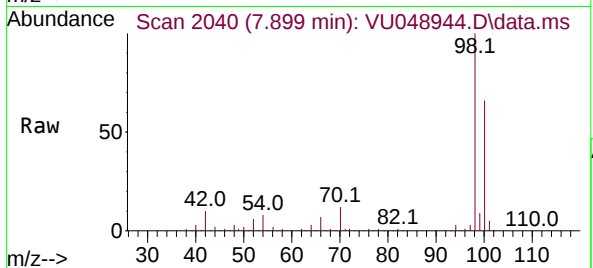




#50
Toluene-d8
Concen: 47.929 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

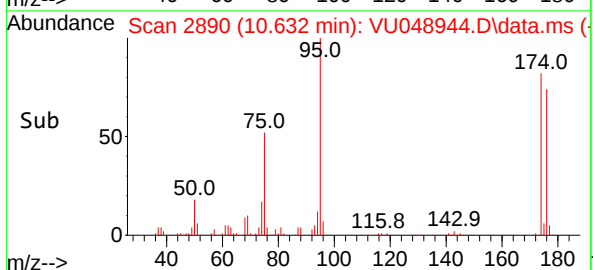
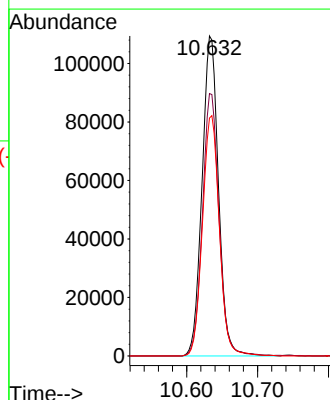
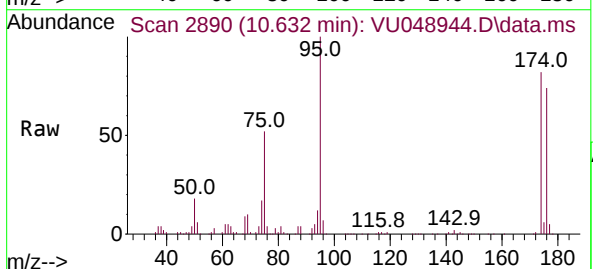
Instrument :
MSVOA_U
ClientSampleId :
DUP10-20220601

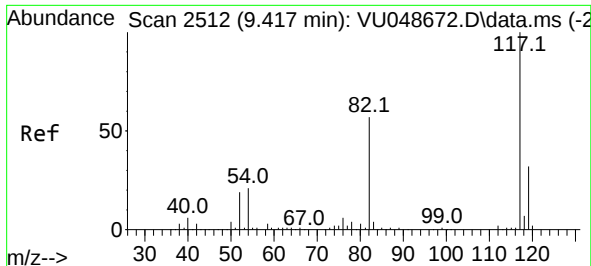
Tgt Ion: 98 Resp: 493053
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.280 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion: 95 Resp: 176160
Ion Ratio Lower Upper
95 100
174 82.7 0.0 159.4
176 77.3 0.0 152.4

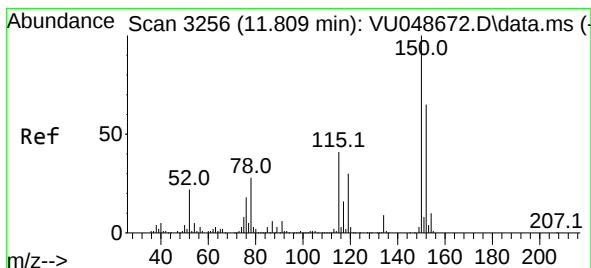
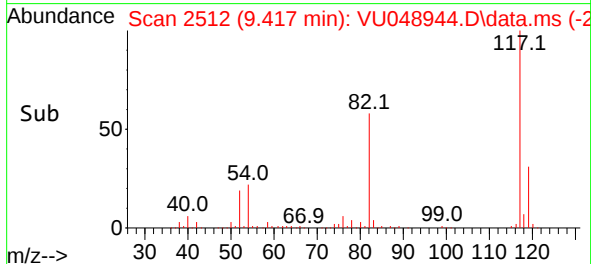
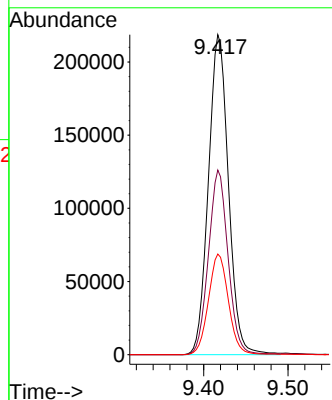
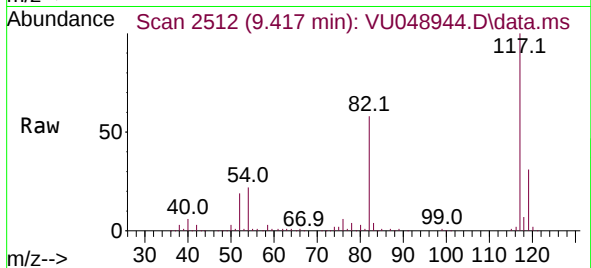




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

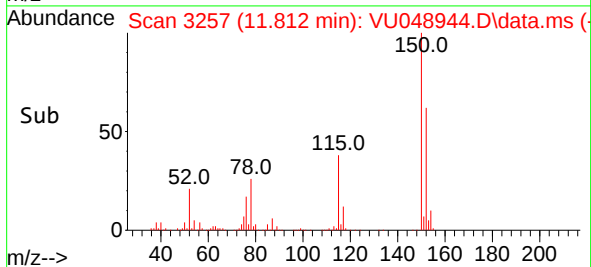
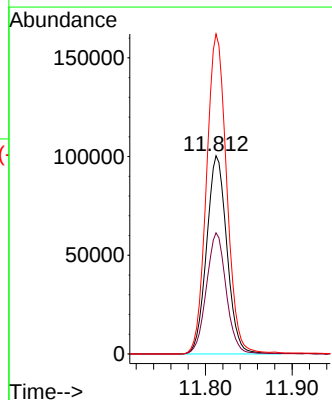
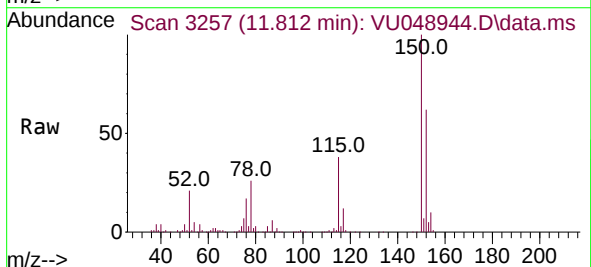
Instrument :
MSVOA_U
ClientSampleId :
DUP10-20220601

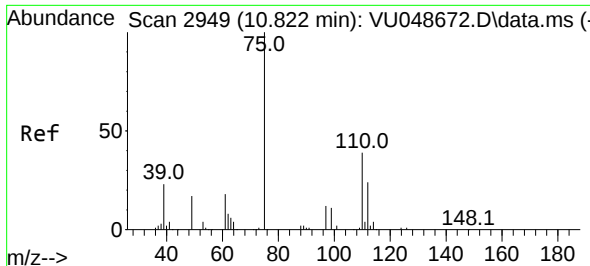
Tgt Ion:117 Resp: 362488
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion:152 Resp: 163605
Ion Ratio Lower Upper
152 100
115 60.0 41.8 125.4
150 160.2 0.0 341.0

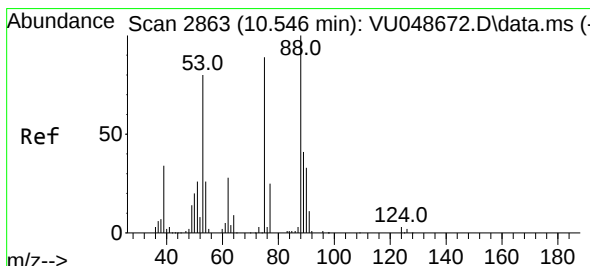
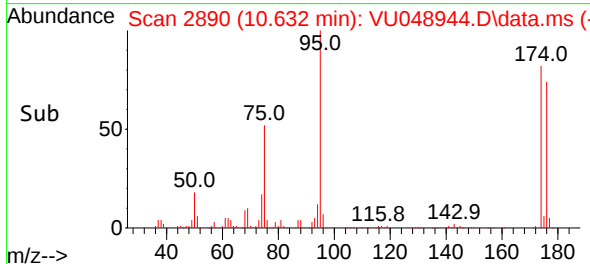
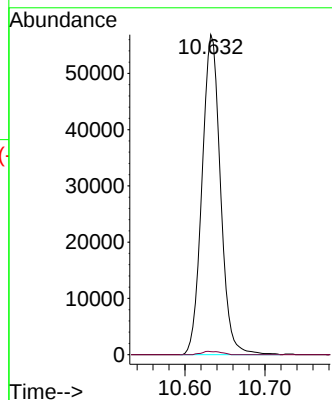
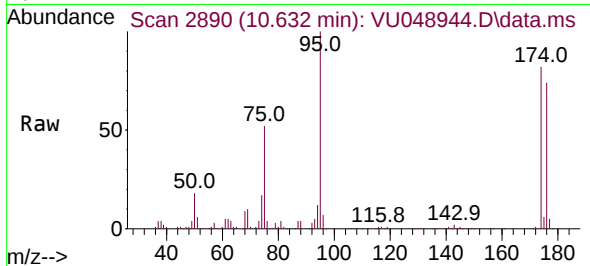




#76
1,2,3-Trichloropropane
Concen: 17.324 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

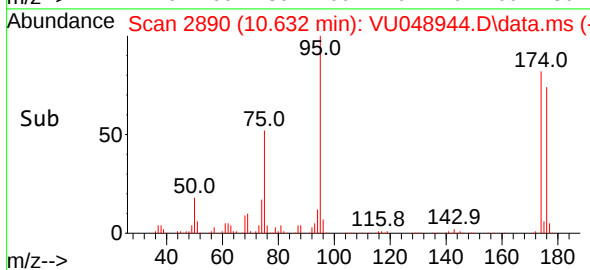
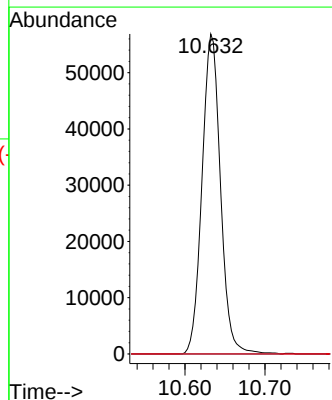
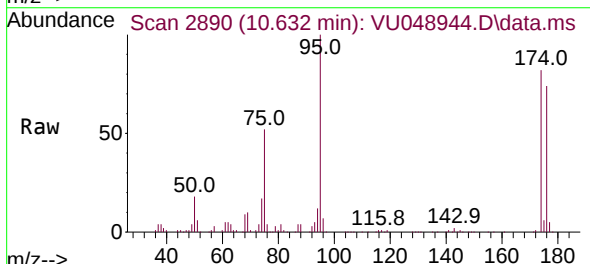
Instrument :
MSVOA_U
ClientSampleId :
DUP10-20220601

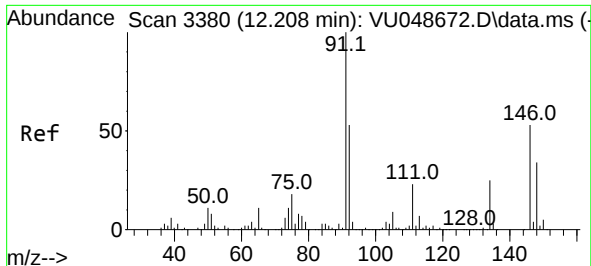
Tgt Ion: 75 Resp: 91387
Ion Ratio Lower Upper
75 100
77 1.1 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.903 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion: 75 Resp: 91387
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#89

n-Butylbenzene

Concen: 2.187 ug/l

RT: 12.217 min Scan# 31

Delta R.T. 0.009 min

Lab File: VU048944.D

Acq: 08 Jun 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

DUP10-20220601

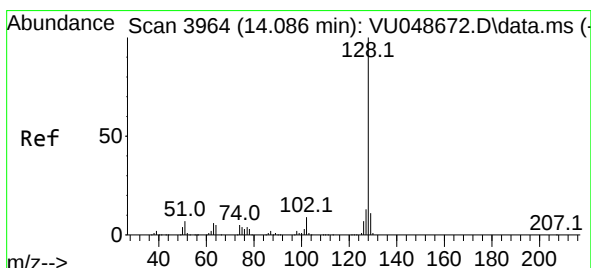
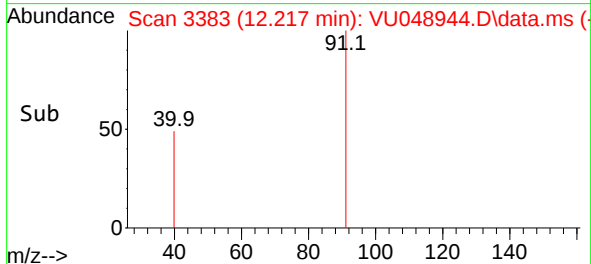
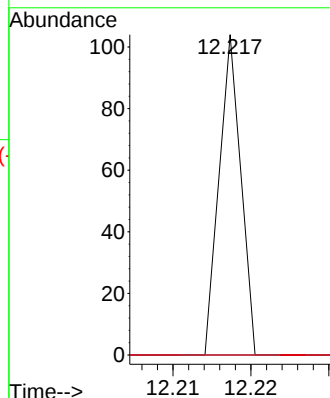
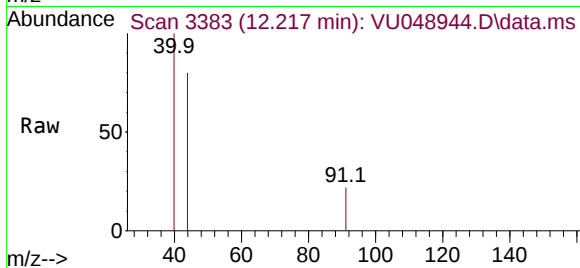
Tgt Ion: 91 Resp: 20

Ion Ratio Lower Upper

91 100

92 0.0 25.9 77.8#

134 0.0 12.5 37.5#



#95

Naphthalene

Concen: 2.545 ug/l

RT: 14.124 min Scan# 3976

Delta R.T. 0.038 min

Lab File: VU048944.D

Acq: 08 Jun 2022 05:22

Tgt Ion:128 Resp: 172

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.7 13.1#

