

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045617.D
 Acq On : 08 Nov 2021 15:55
 Operator : SY/MD
 Sample : M4571-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB

Quant Time: Nov 09 09:58:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

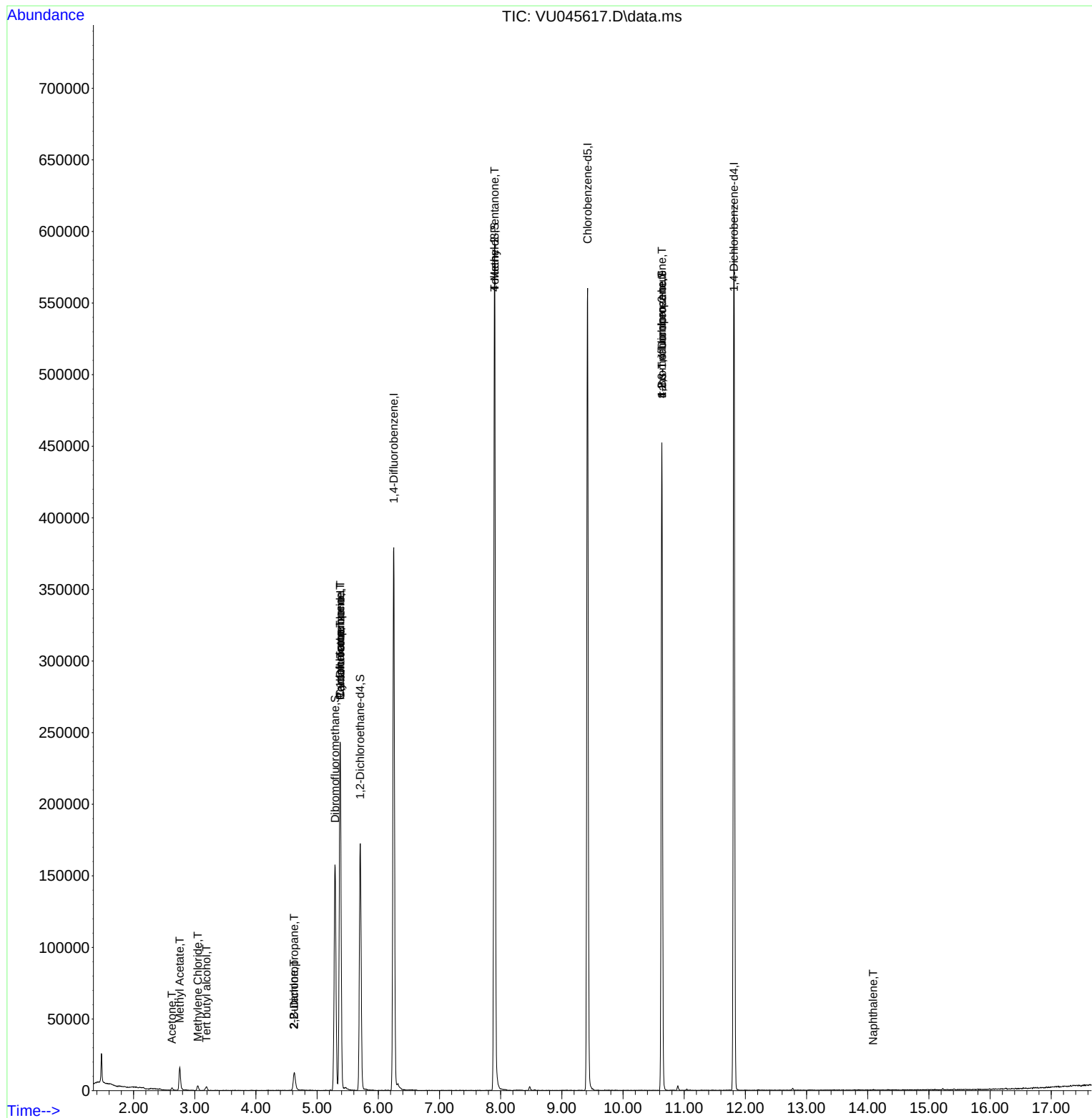
Internal Standards						
1) Pentafluorobenzene	5.378	168	161565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	303343	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	304184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	152798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	129938	53.702	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.400%	
35) Dibromofluoromethane	5.295	113	101177	49.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.920%	
50) Toluene-d8	7.899	98	397120	52.732	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	10.635	95	151980	50.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.192	59	1783	3.723	ug/l #	72
16) Acetone	2.626	43	2232	1.812	ug/l	100
18) Methyl Acetate	2.755	43	4150	0.989	ug/l #	50
20) Methylene Chloride	3.047	84	1679	0.785	ug/l	87
25) 2-Butanone	4.620	43	499	0.292	ug/l #	47
26) 2,2-Dichloropropane	4.623	77	743	0.241	ug/l #	53
31) Cyclohexane	5.375	56	3603	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	14128	4.776	ug/l #	50
38) Carbon Tetrachloride	5.378	117	17713	5.940	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	1558	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	78855	17.018	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.635	75	78855	55.405	ug/l #	12
95) Naphthalene	14.089	128	653	1.081	ug/l #	69

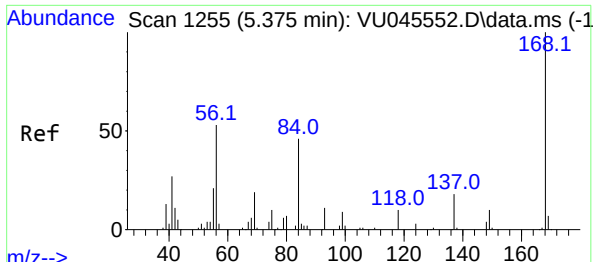
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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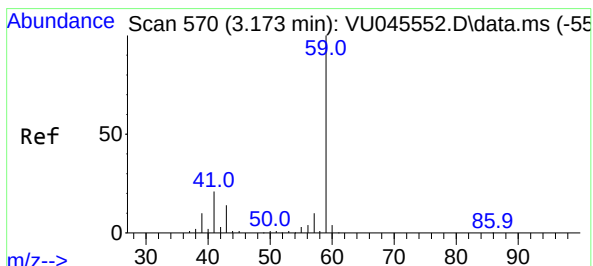
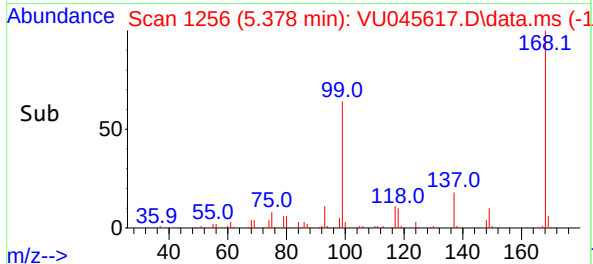
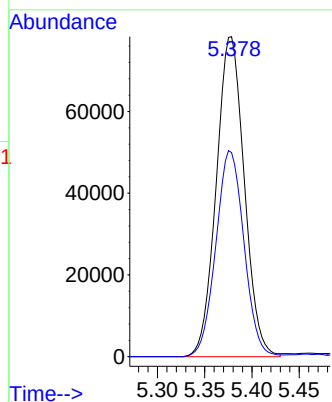
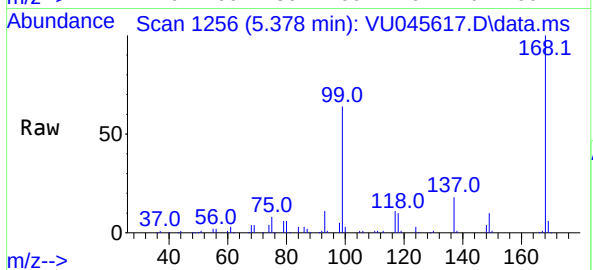




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

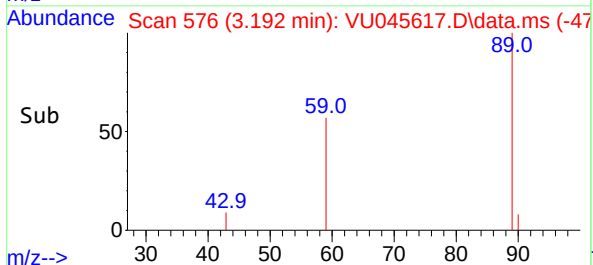
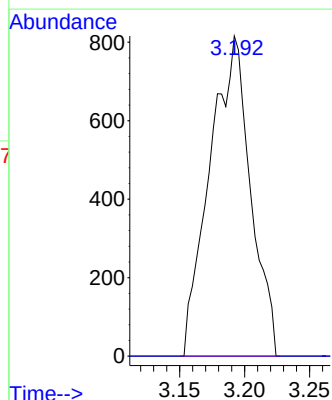
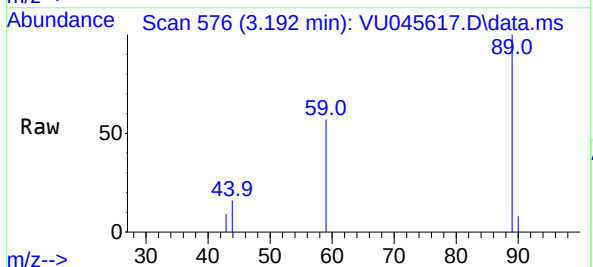
Instrument :
MSVOA_U
ClientSampleId :
TB

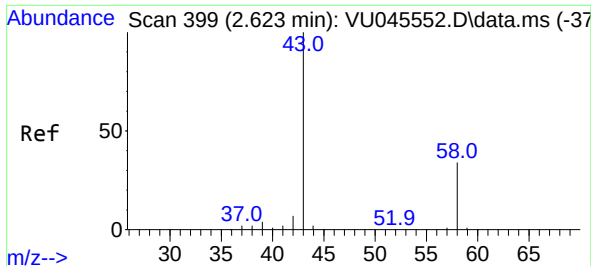
Tgt Ion:168 Resp: 161565
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.6



#11
Tert butyl alcohol
Concen: 3.723 ug/l
RT: 3.192 min Scan# 576
Delta R.T. 0.019 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

Tgt Ion: 59 Resp: 1783
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

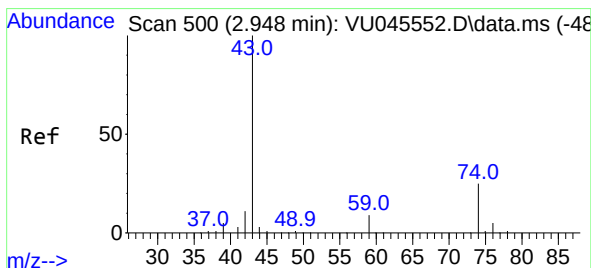
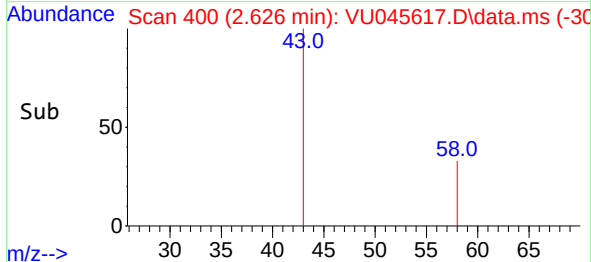
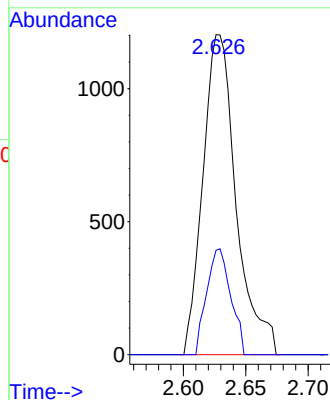
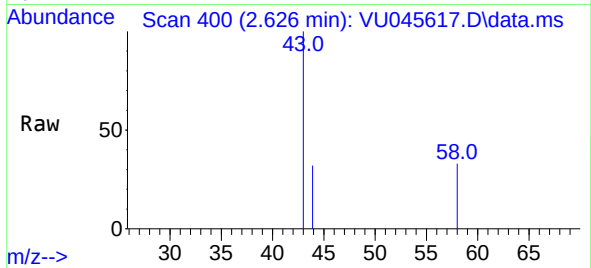




#16
Acetone
Concen: 1.812 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

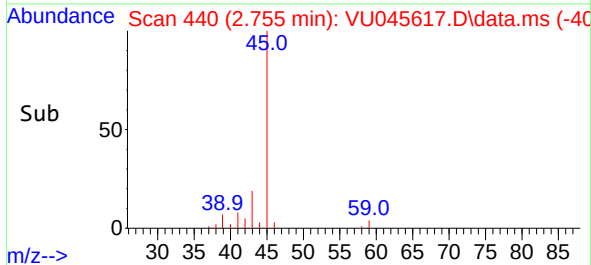
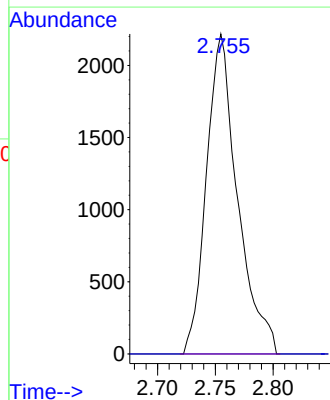
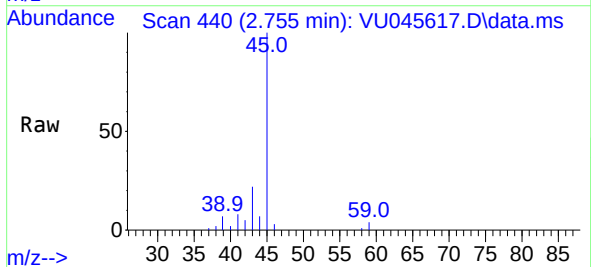
Instrument :
MSVOA_U
Client SampleId :
TB

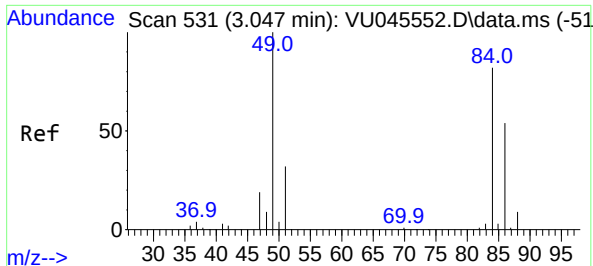
Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
58 32.6 26.2 39.2



#18
Methyl Acetate
Concen: 0.989 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.193 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

Tgt Ion: 43 Resp: 4150
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



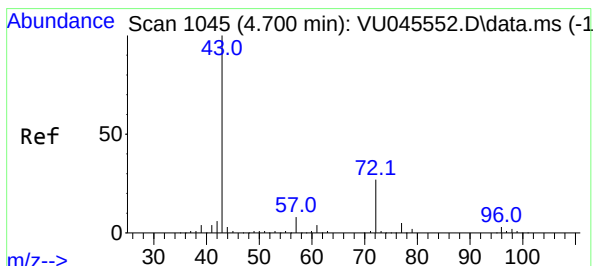
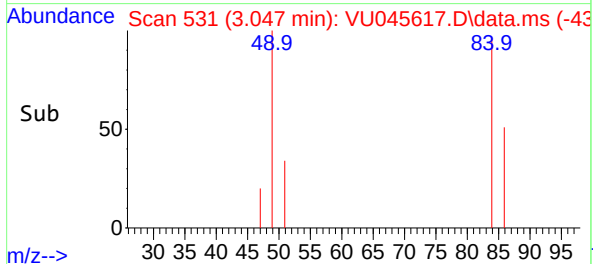
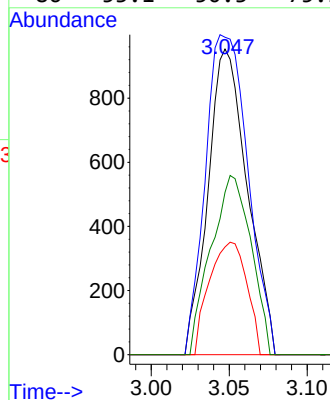
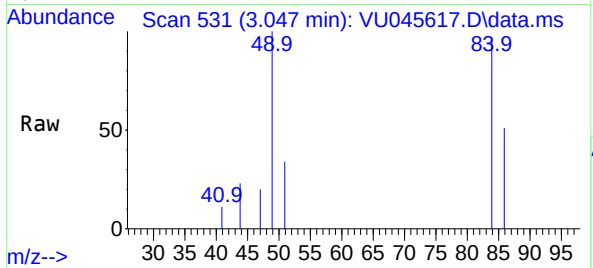


#20
Methylene Chloride
Concen: 0.785 ug/l
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

Instrument :
MSVOA_U
ClientSampleId :
TB

Tgt Ion: 84 Resp: 1679

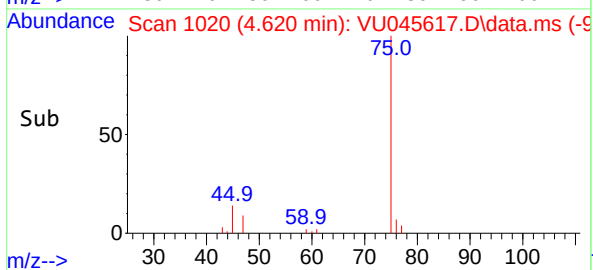
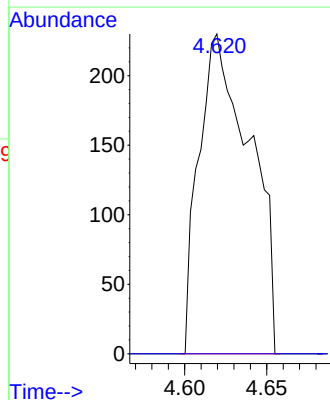
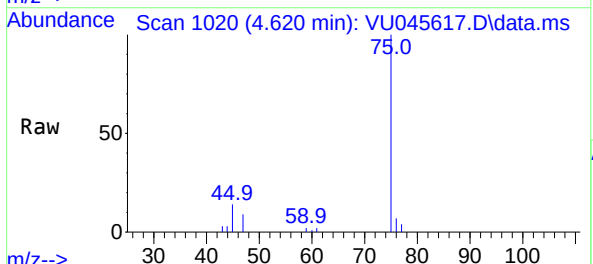
Ion	Ratio	Lower	Upper
84	100		
49	103.9	96.4	144.6
51	35.3	30.5	45.7
86	53.1	50.3	75.5

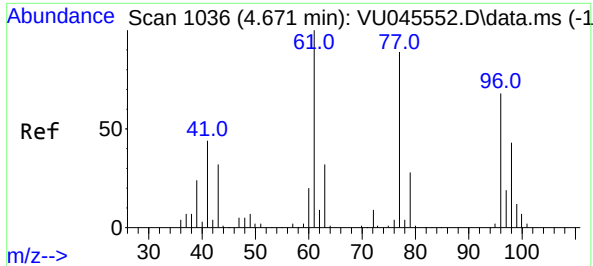


#25
2-Butanone
Concen: 0.292 ug/l
RT: 4.620 min Scan# 1020
Delta R.T. -0.080 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

Tgt Ion: 43 Resp: 499

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#

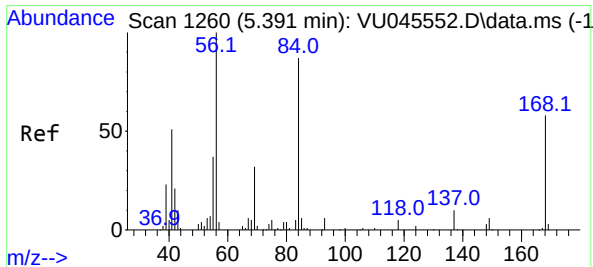
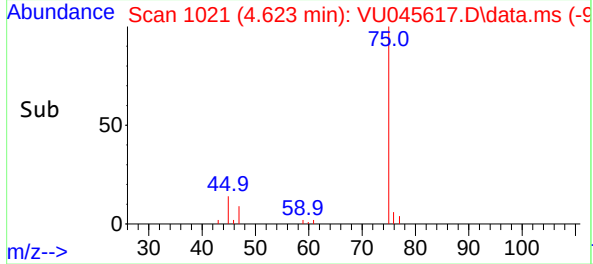
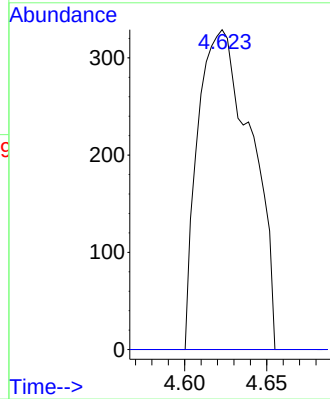
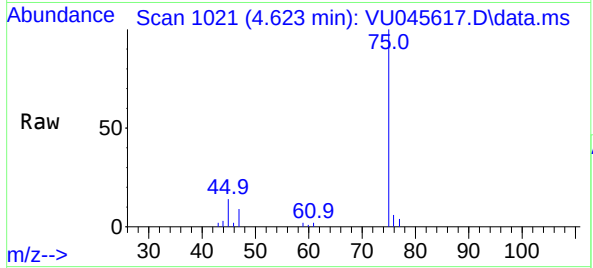




#26
2,2-Dichloropropane
Concen: 0.241 ug/l
RT: 4.623 min Scan# 10
Delta R.T. -0.048 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

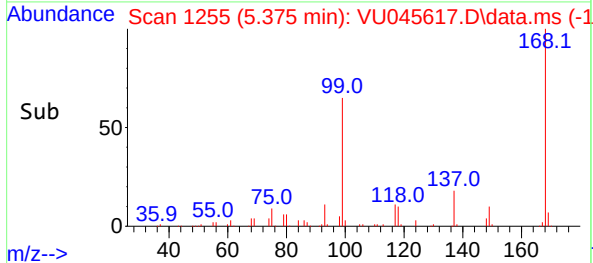
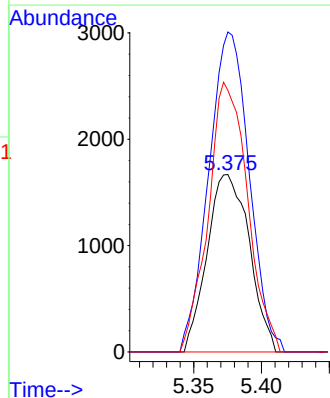
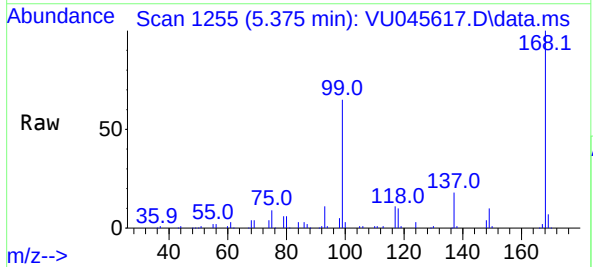
Instrument :
MSVOA_U
ClientSampleId :
TB

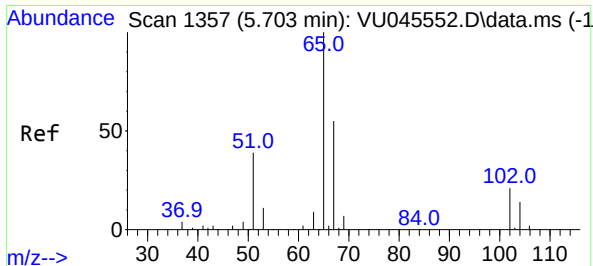
Tgt Ion: 77 Resp: 743
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

Tgt Ion: 56 Resp: 3603
Ion Ratio Lower Upper
56 100
69 180.4 26.4 39.6#
84 147.5 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 53.702 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045617.D

Acq: 08 Nov 2021 15:55

Instrument :

MSVOA_U

ClientSampleId :

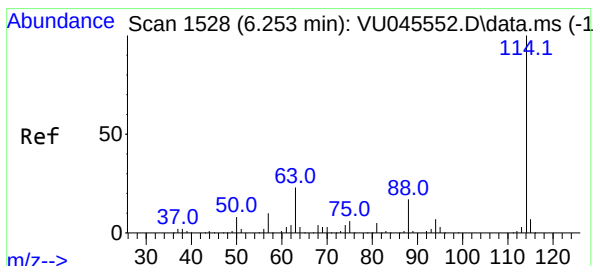
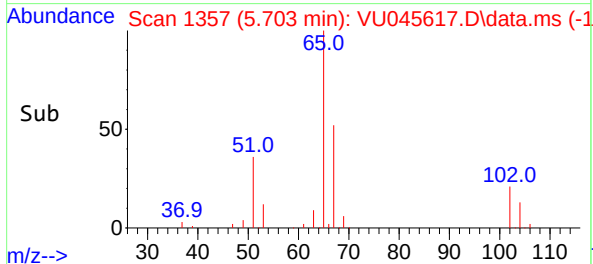
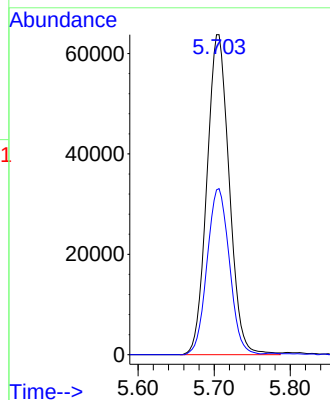
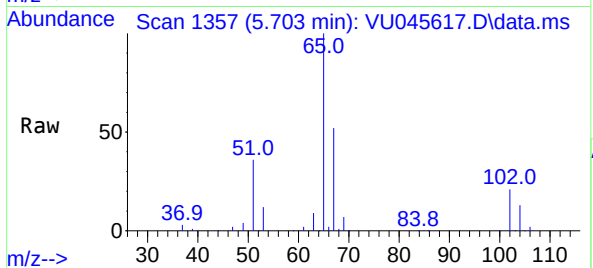
TB

Tgt Ion: 65 Resp: 129938

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045617.D

Acq: 08 Nov 2021 15:55

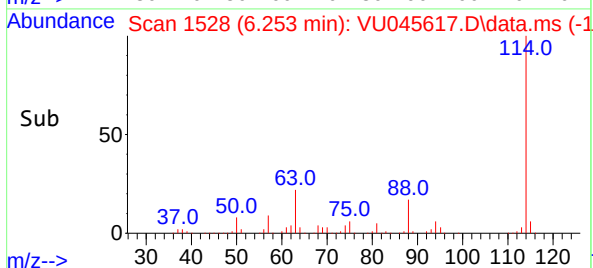
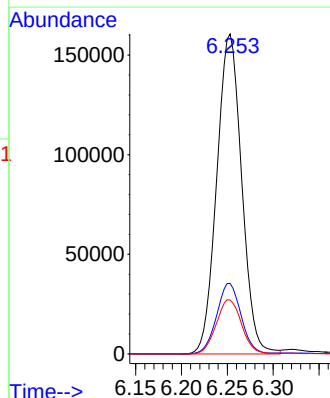
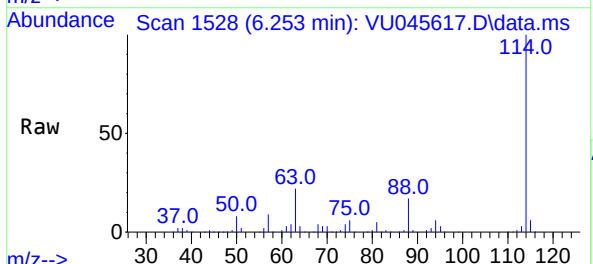
Tgt Ion: 114 Resp: 303343

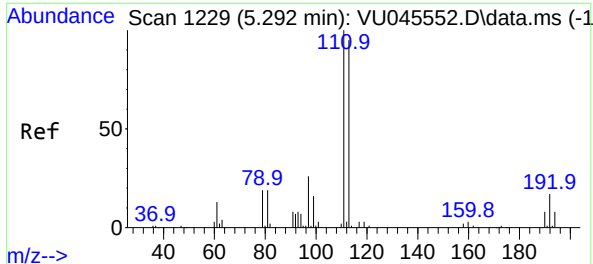
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.958 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045617.D

Acq: 08 Nov 2021 15:55

Instrument :

MSVOA_U

ClientSampleId :

TB

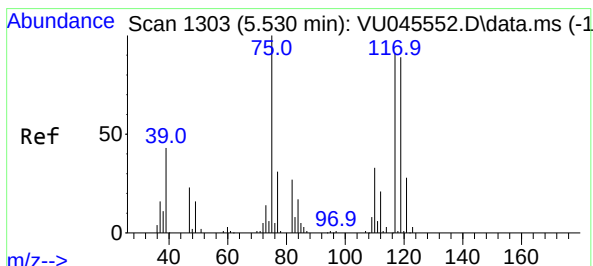
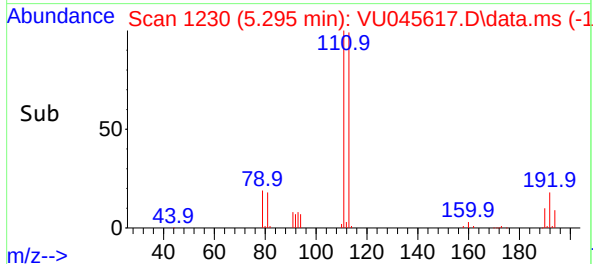
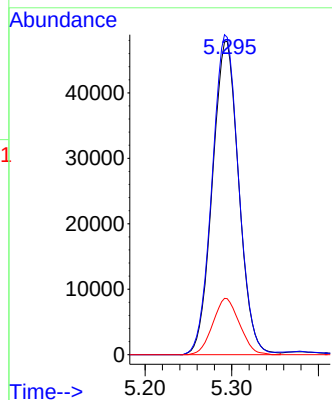
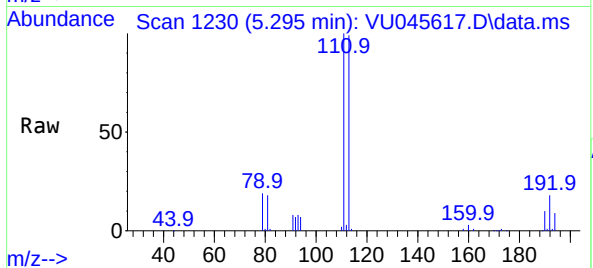
Tgt Ion:113 Resp: 101177

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.776 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045617.D

Acq: 08 Nov 2021 15:55

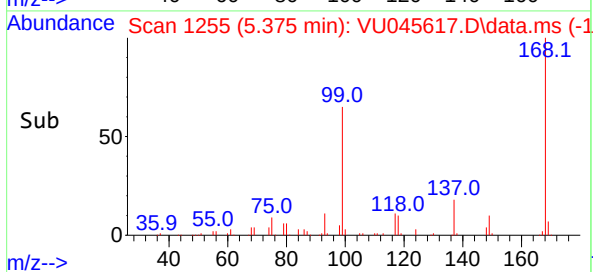
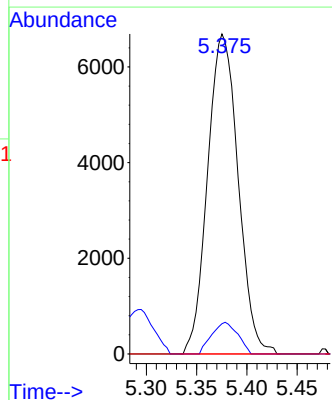
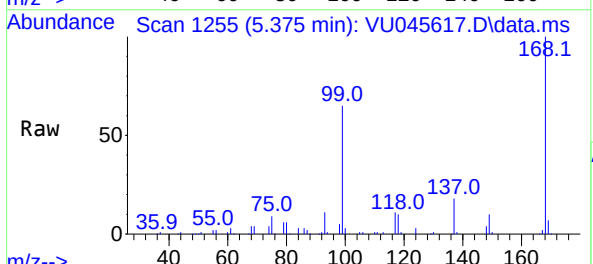
Tgt Ion: 75 Resp: 14128

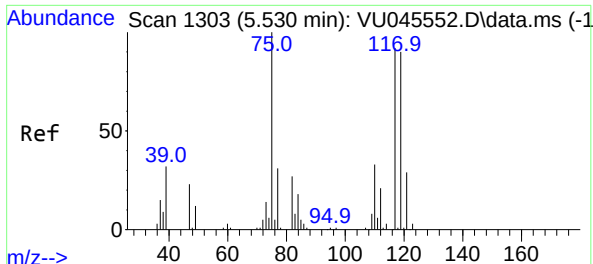
Ion Ratio Lower Upper

75 100

110 8.4 16.7 50.0#

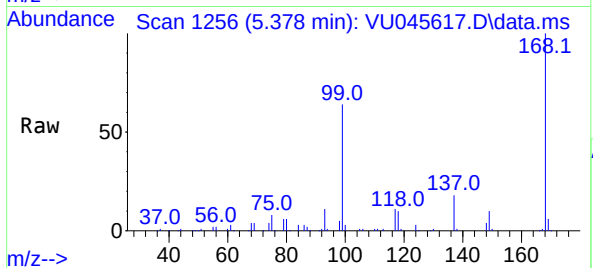
77 0.0 25.0 37.4#



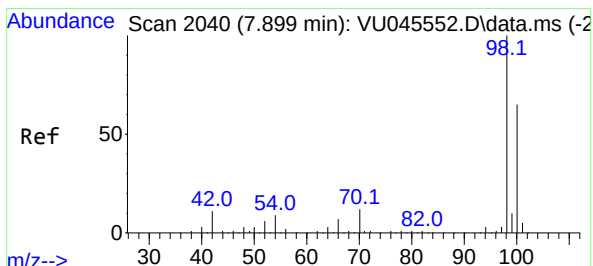
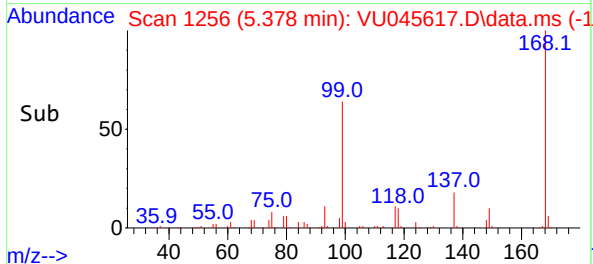
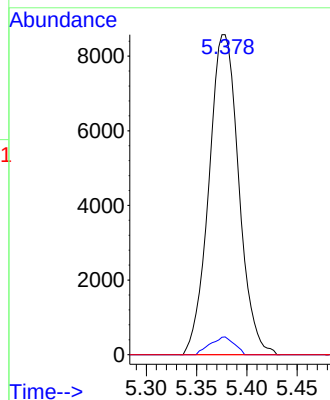


#38
Carbon Tetrachloride
Concen: 5.940 ug/l
RT: 5.378 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

Instrument :
MSVOA_U
ClientSampleId :
TB

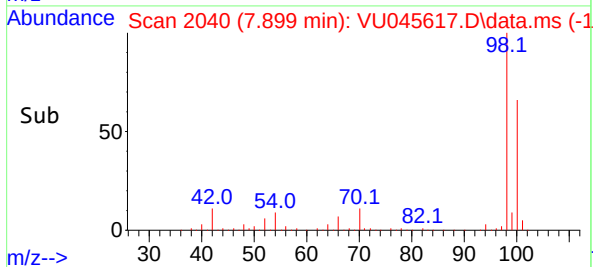
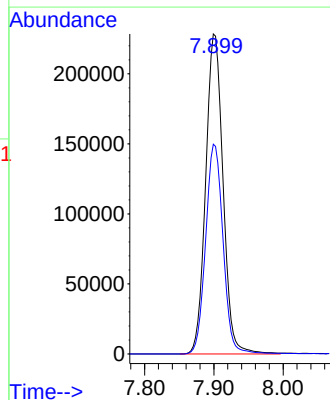
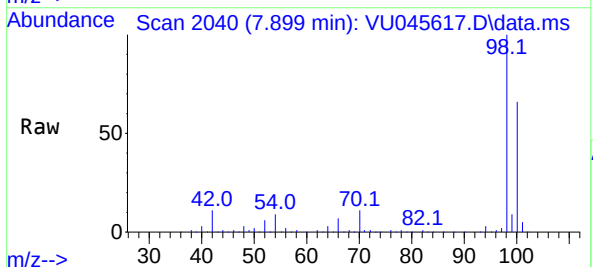


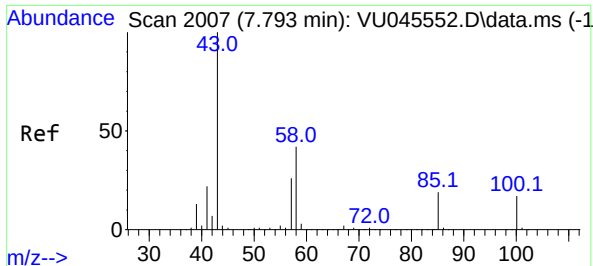
Tgt Ion:117 Resp: 17713
Ion Ratio Lower Upper
117 100
119 5.6 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.732 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

Tgt Ion: 98 Resp: 397120
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.454 ug/l

RT: 7.899 min Scan# 2007

Delta R.T. 0.106 min

Lab File: VU045617.D

Acq: 08 Nov 2021 15:55

Instrument :

MSVOA_U

ClientSampleId :

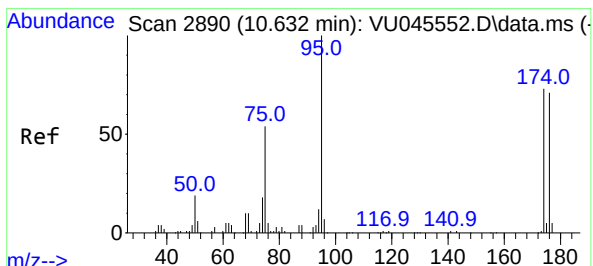
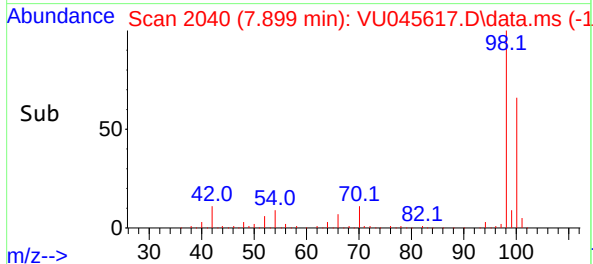
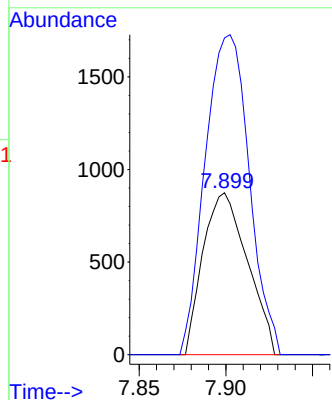
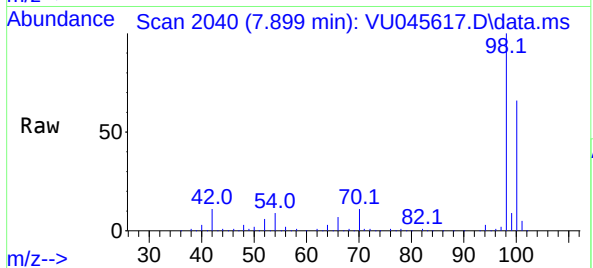
TB

Tgt Ion: 43 Resp: 1558

Ion Ratio Lower Upper

43 100

58 196.2 33.8 50.8#



#62

4-Bromofluorobenzene

Concen: 50.327 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045617.D

Acq: 08 Nov 2021 15:55

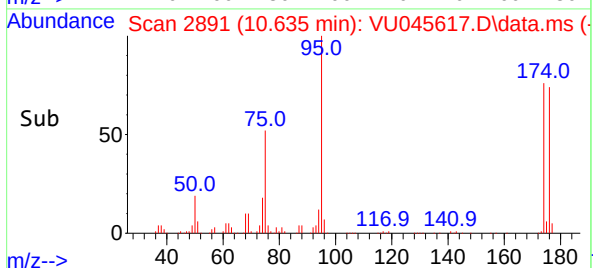
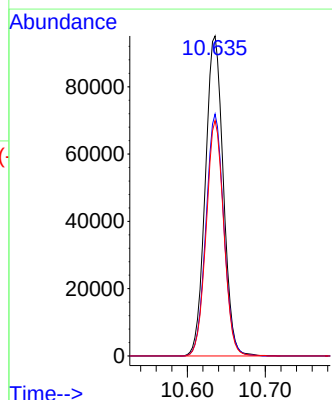
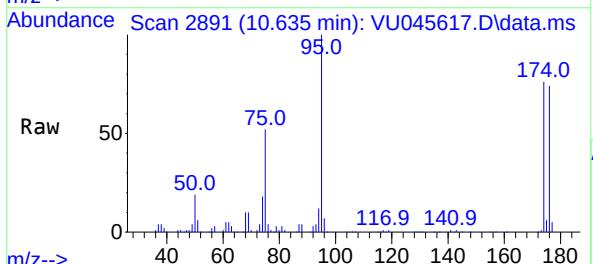
Tgt Ion: 95 Resp: 151980

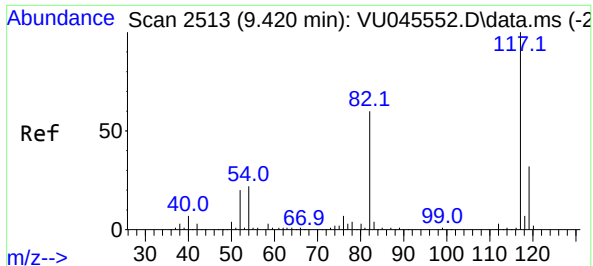
Ion Ratio Lower Upper

95 100

174 75.0 0.0 141.8

176 72.0 0.0 138.2

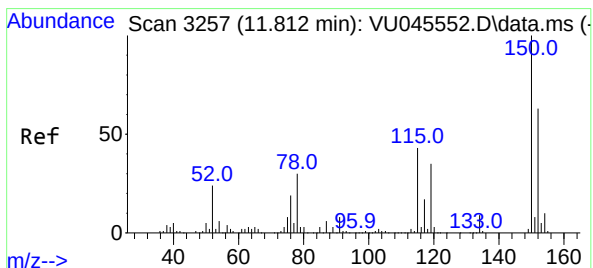
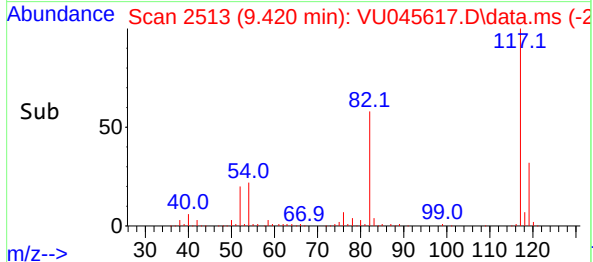
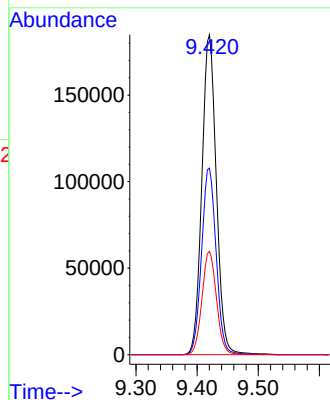
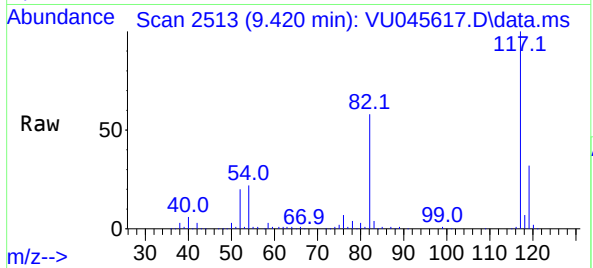




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

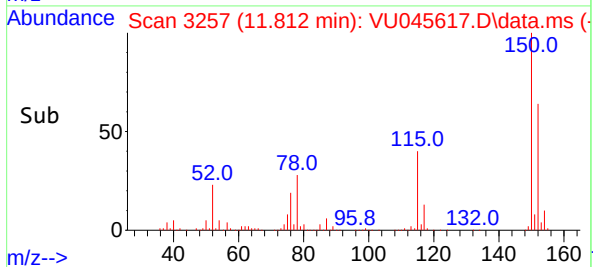
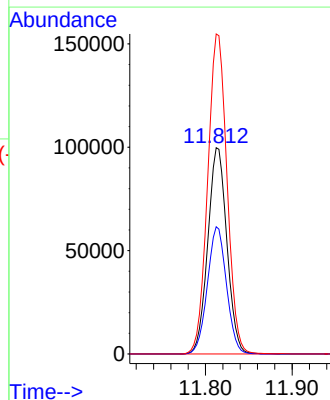
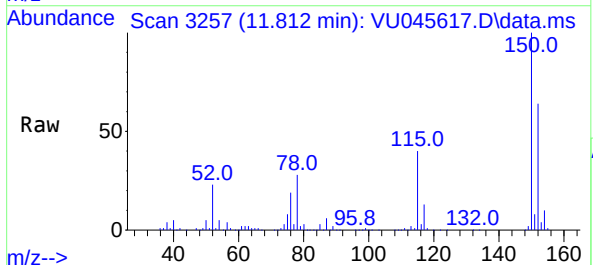
Instrument :
MSVOA_U
ClientSampleId :
TB

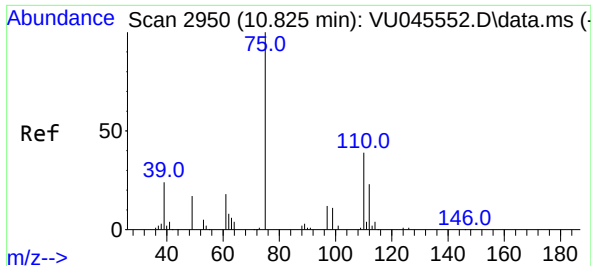
Tgt Ion:117 Resp: 304184
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

Tgt Ion:152 Resp: 152798
Ion Ratio Lower Upper
152 100
115 61.6 42.7 128.1
150 156.9 0.0 346.8

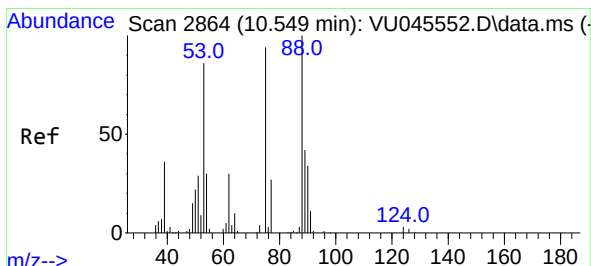
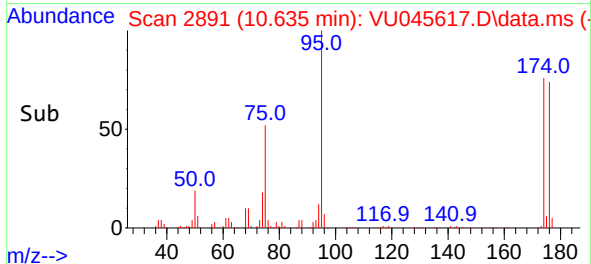
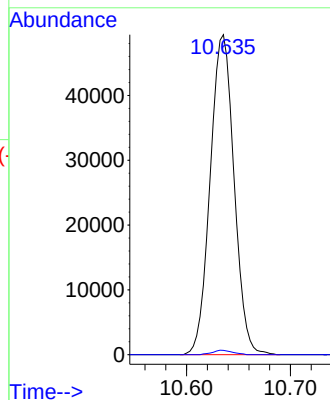
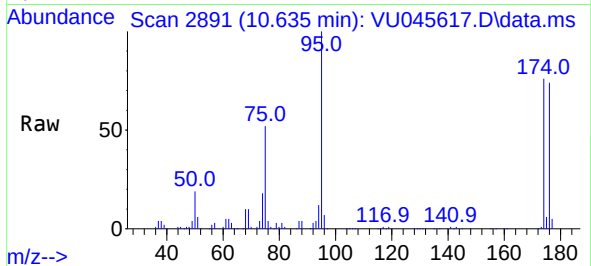




#76
1,2,3-Trichloropropane
Concen: 17.018 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

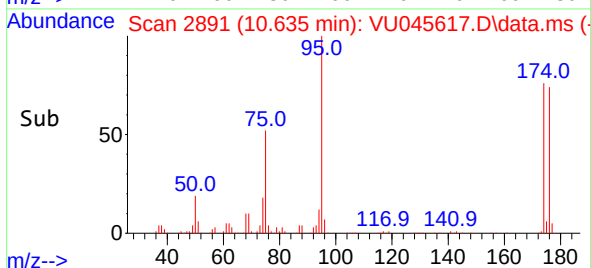
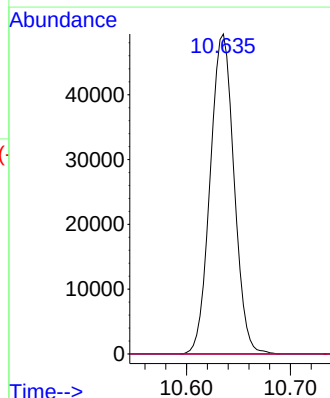
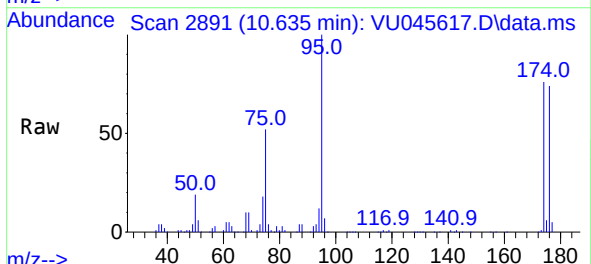
Instrument :
MSVOA_U
ClientSampleId :
TB

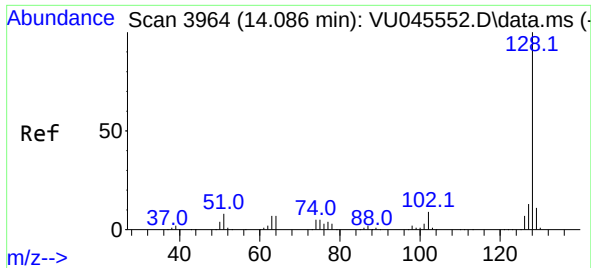
Tgt Ion: 75 Resp: 78855
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.405 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045617.D
Acq: 08 Nov 2021 15:55

Tgt Ion: 75 Resp: 78855
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.081 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045617.D

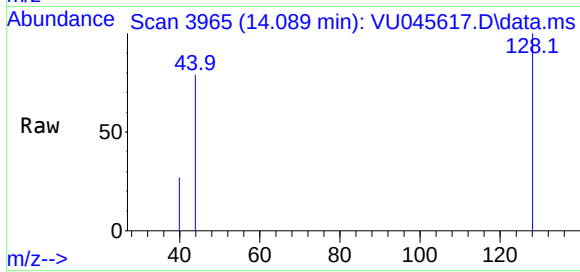
Acq: 08 Nov 2021 15:55

Instrument :

MSVOA_U

ClientSampleId :

TB



Tgt Ion:128 Resp: 653

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

