

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045610.D
 Acq On : 08 Nov 2021 13:14
 Operator : SY/MD
 Sample : M4578-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB

Quant Time: Nov 09 09:55:12 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)

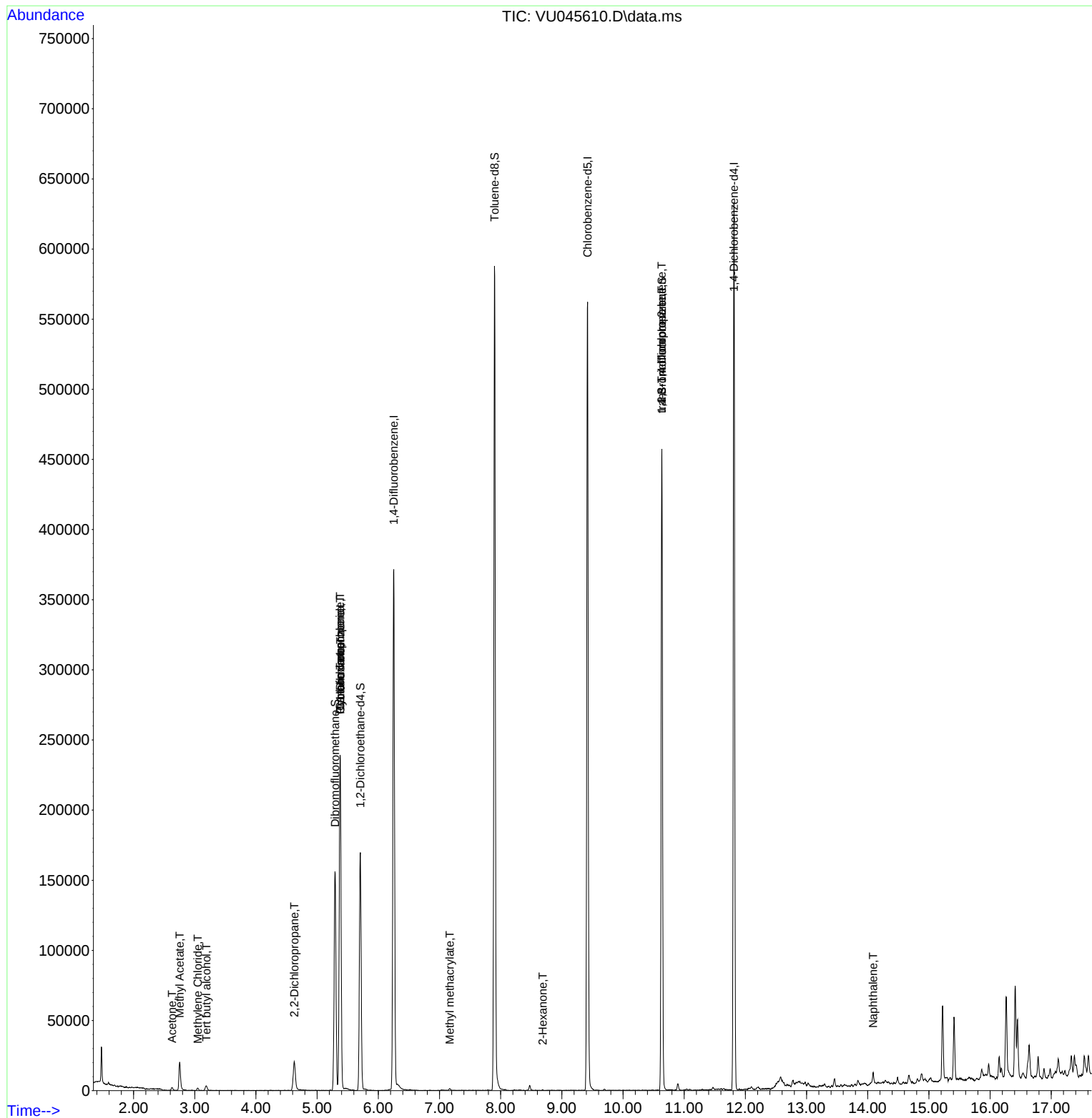
Internal Standards						
1) Pentafluorobenzene	5.378	168	161779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	299131	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	306643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	159175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	127779	52.740	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.480%	
35) Dibromofluoromethane	5.292	113	100260	50.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.400%	
50) Toluene-d8	7.899	98	390603	52.597	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	10.636	95	157397	52.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.189	59	2860	5.964	ug/l #	72
16) Acetone	2.629	43	2609	2.115	ug/l	98
18) Methyl Acetate	2.755	43	5300	1.262	ug/l #	50
20) Methylene Chloride	3.051	84	827	0.386	ug/l	93
26) 2,2-Dichloropropane	4.626	77	1484	0.482	ug/l #	53
31) Cyclohexane	5.378	56	3357	0.950	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	13806	4.733	ug/l #	50
38) Carbon Tetrachloride	5.375	117	17163	5.837	ug/l #	16
48) Methyl methacrylate	7.169	41	562	0.238	ug/l #	16
59) 2-Hexanone	8.687	43	319	7.640	ug/l	65
76) 1,2,3-Trichloropropane	10.632	75	80060	16.586	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.632	75	80060	54.074	ug/l #	12
95) Naphthalene	14.089	128	6173	1.498	ug/l	98

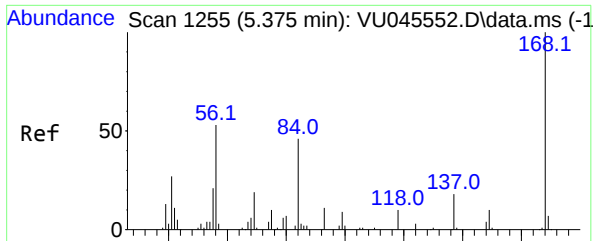
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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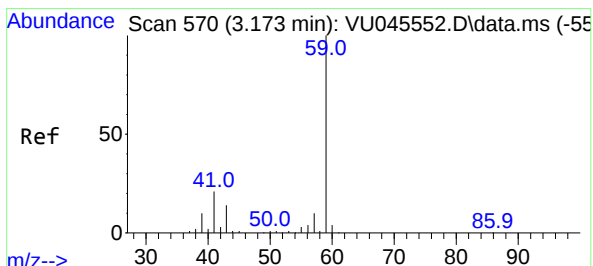
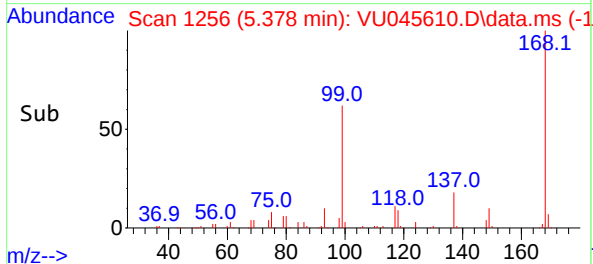
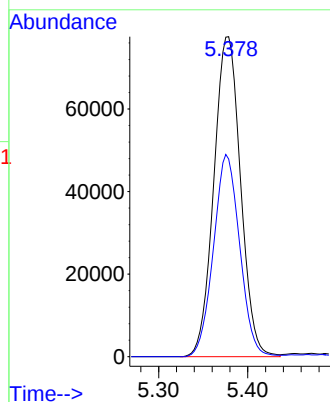
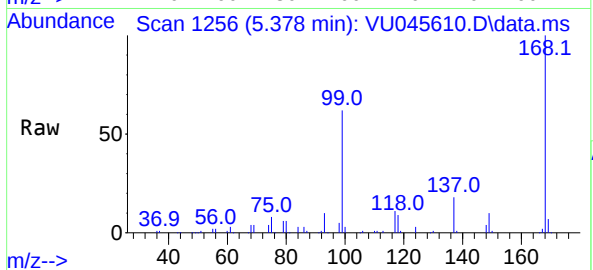




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

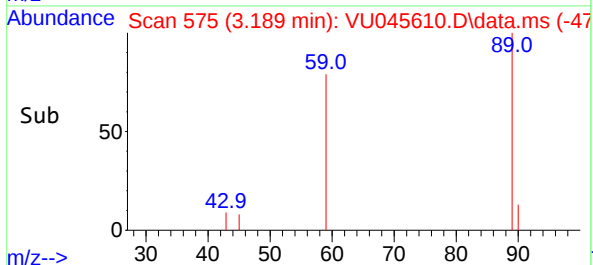
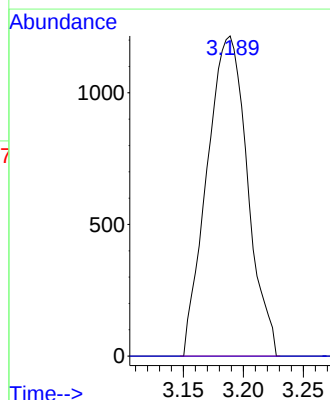
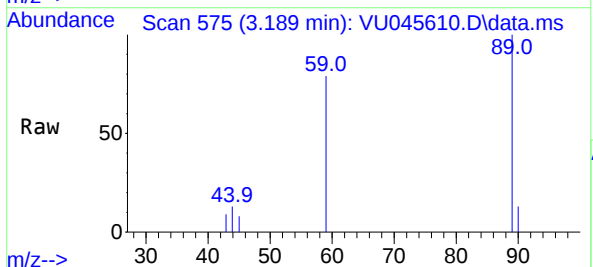
Instrument :
MSVOA_U
ClientSampleId :
TB

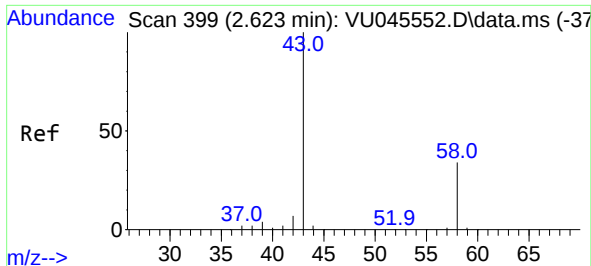
Tgt Ion:168 Resp: 161779
Ion Ratio Lower Upper
168 100
99 61.7 51.0 76.6



#11
Tert butyl alcohol
Concen: 5.964 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.016 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Tgt Ion: 59 Resp: 2860
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 2.115 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045610.D

Acq: 08 Nov 2021 13:14

Instrument :

MSVOA_U

ClientSampleId :

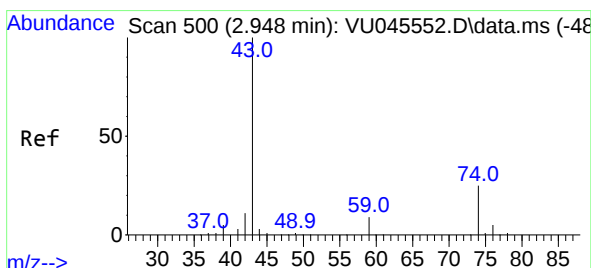
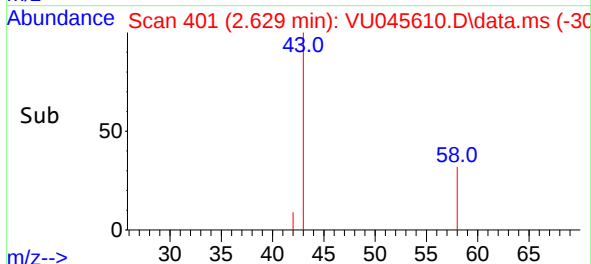
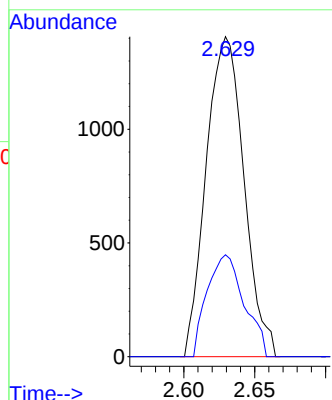
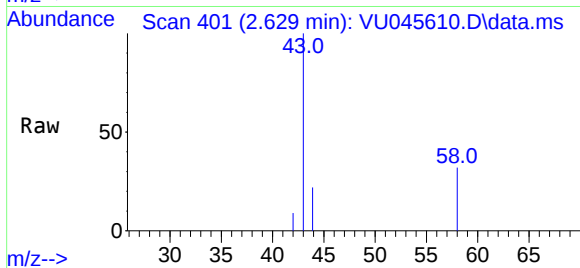
TB

Tgt Ion: 43 Resp: 2609

Ion Ratio Lower Upper

43 100

58 31.8 26.2 39.2



#18

Methyl Acetate

Concen: 1.262 ug/l

RT: 2.755 min Scan# 440

Delta R.T. -0.193 min

Lab File: VU045610.D

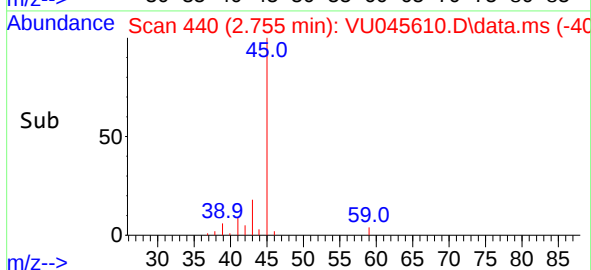
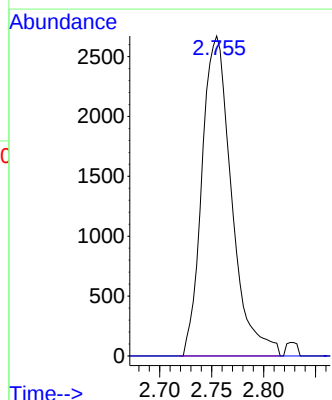
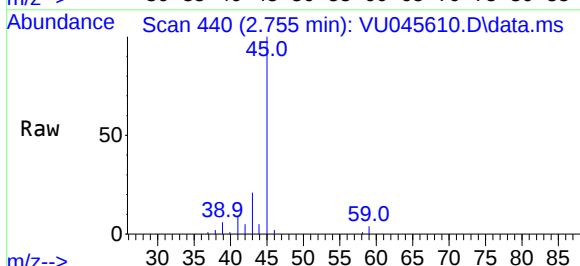
Acq: 08 Nov 2021 13:14

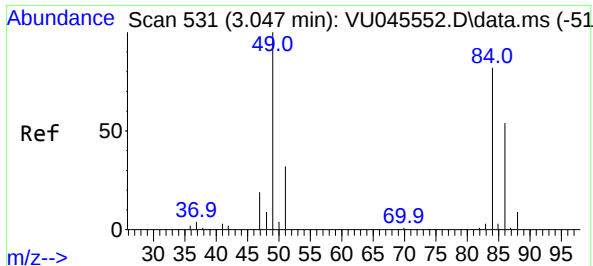
Tgt Ion: 43 Resp: 5300

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



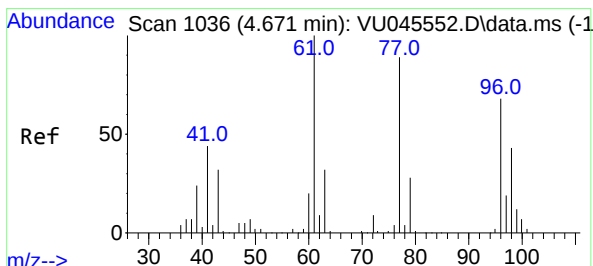
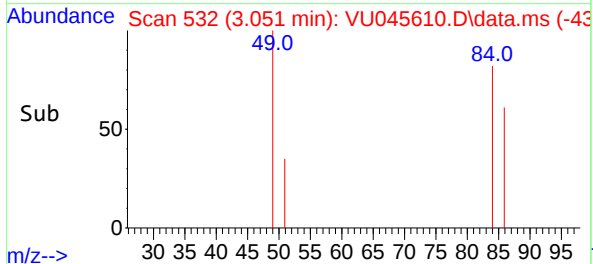
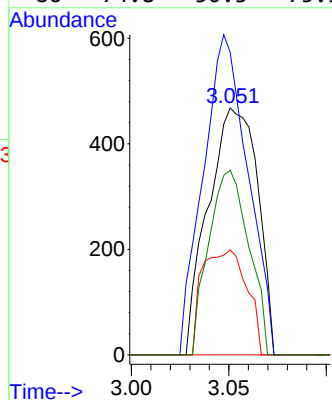
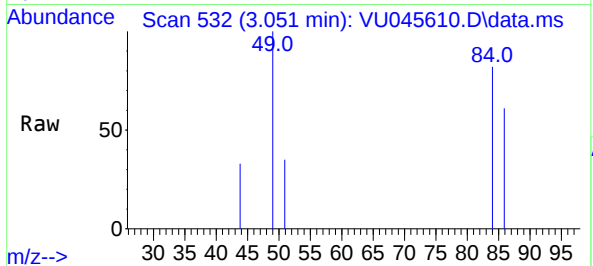


#20
Methylene Chloride
Concen: 0.386 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Instrument :
MSVOA_U
ClientSampleId :
TB

Tgt Ion: 84 Resp: 827

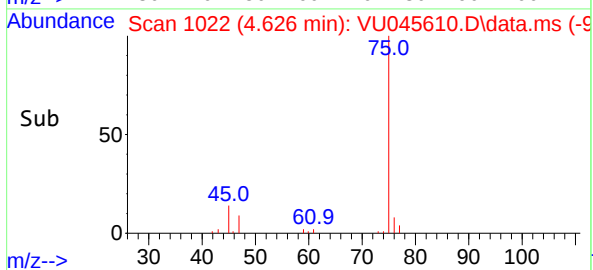
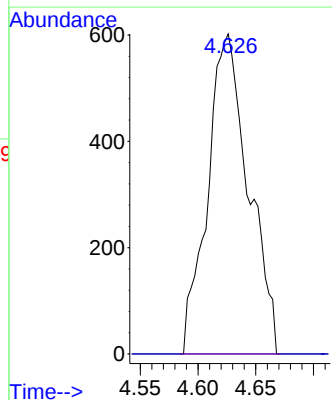
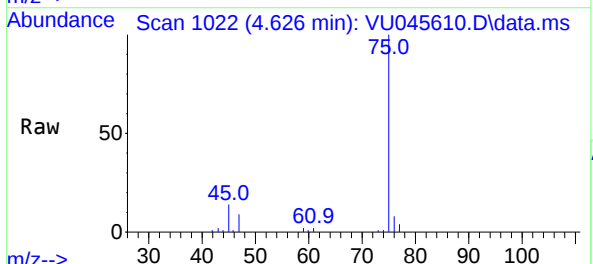
Ion	Ratio	Lower	Upper
84	100		
49	122.6	96.4	144.6
51	42.5	30.5	45.7
86	74.8	50.3	75.5

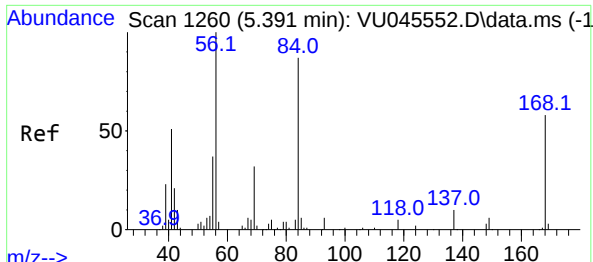


#26
2,2-Dichloropropane
Concen: 0.482 ug/l
RT: 4.626 min Scan# 1022
Delta R.T. -0.045 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Tgt Ion: 77 Resp: 1484

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.1#

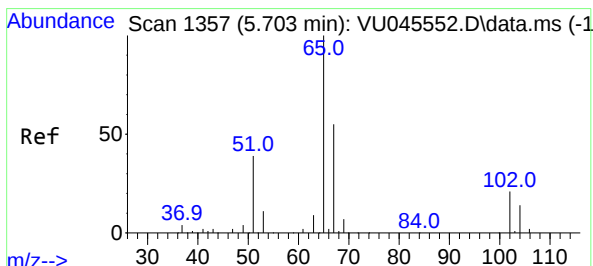
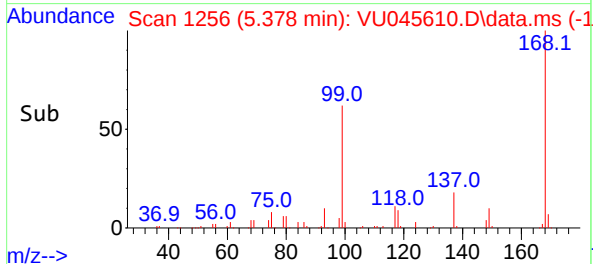
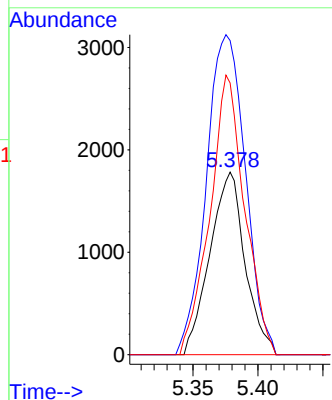
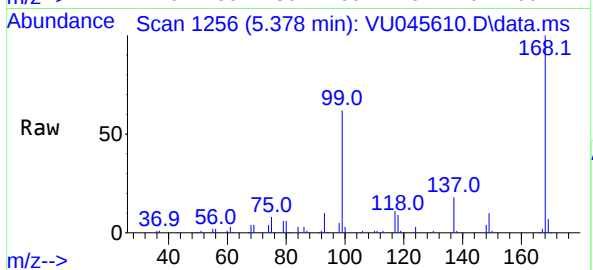




#31
Cyclohexane
Concen: 0.950 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

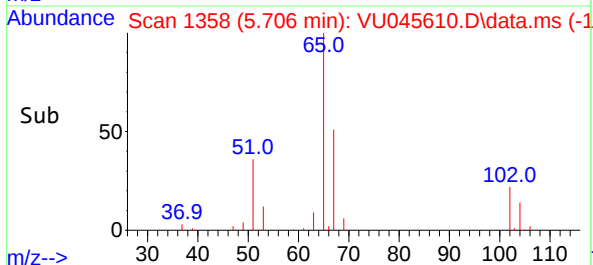
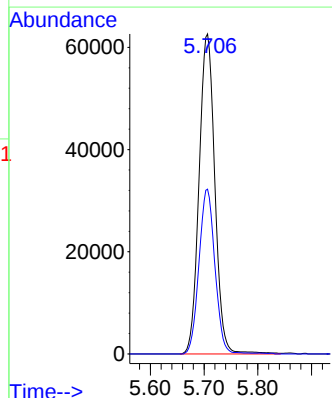
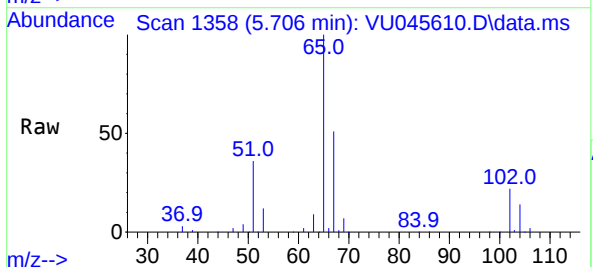
Instrument :
MSVOA_U
ClientSampleId :
TB

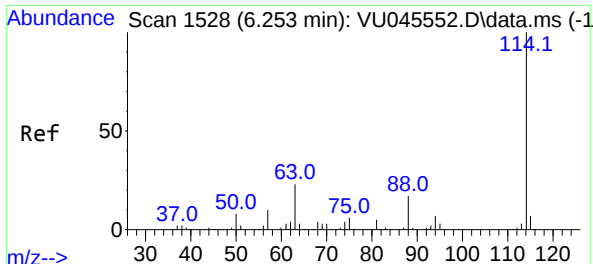
Tgt Ion: 56 Resp: 3357
Ion Ratio Lower Upper
56 100
69 172.1 26.4 39.6#
84 148.8 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 52.740 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Tgt Ion: 65 Resp: 127779
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.8

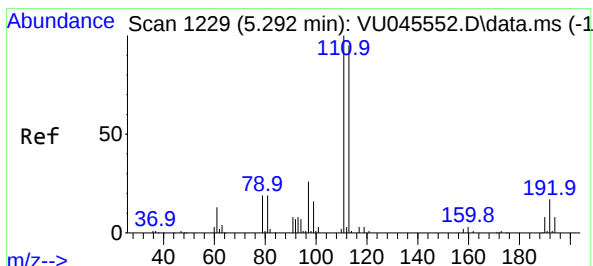
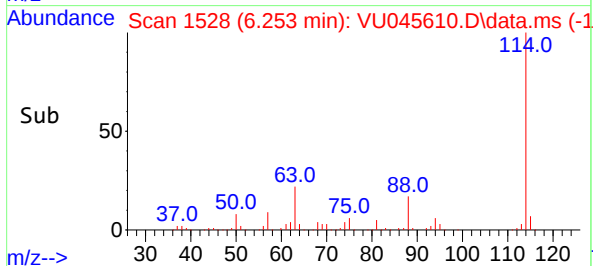
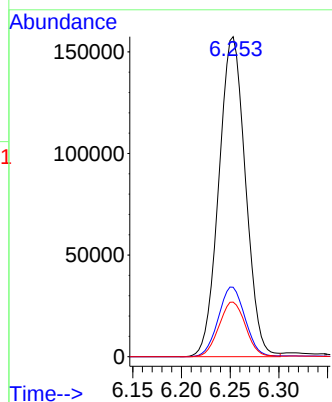
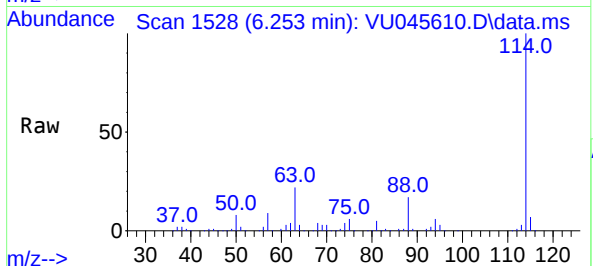




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

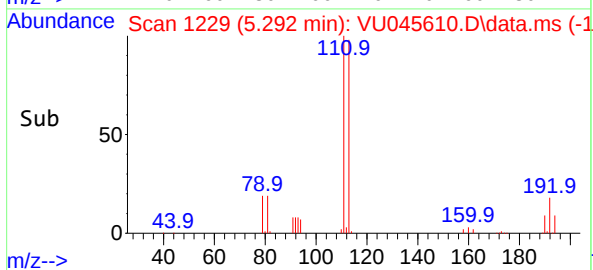
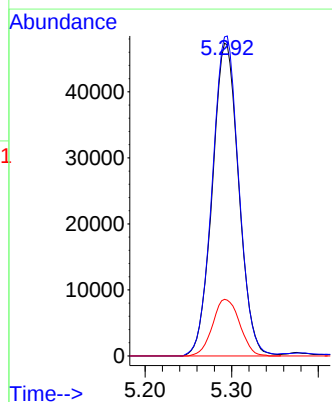
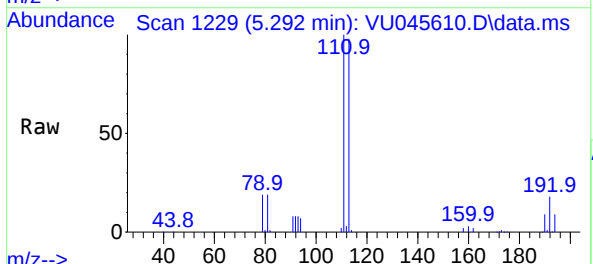
Instrument :
MSVOA_U
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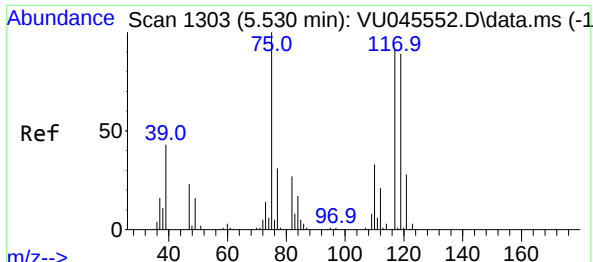
Tgt Ion:114 Resp: 299131
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.6
88 17.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.202 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Tgt Ion:113 Resp: 100260
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.6 14.8 22.2

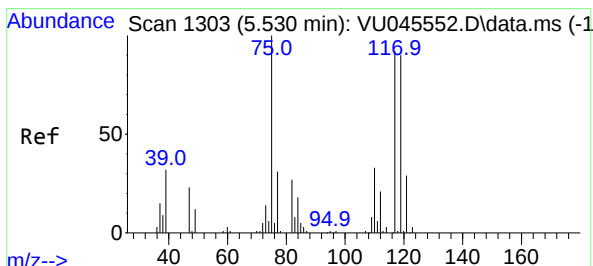
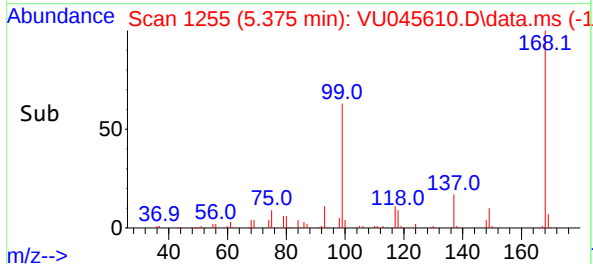
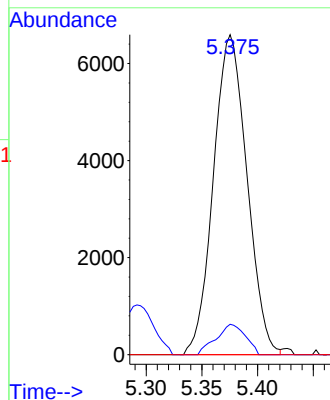
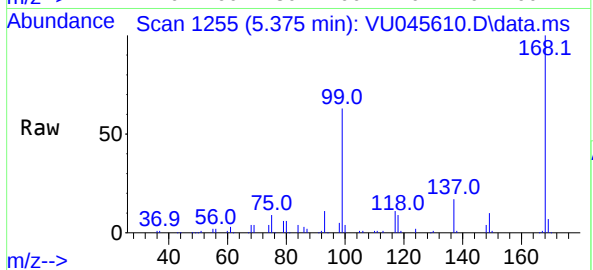




#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

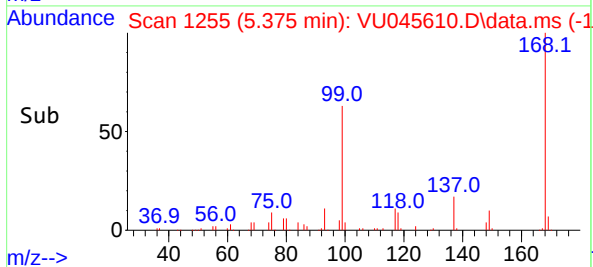
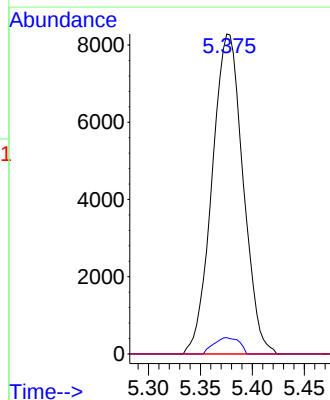
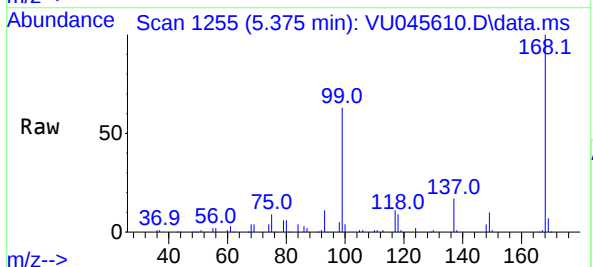
Instrument :
MSVOA_U
ClientSampleId :
TB

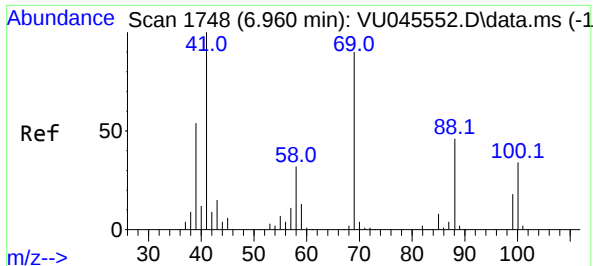
Tgt Ion: 75 Resp: 13806
Ion Ratio Lower Upper
75 100
110 8.3 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.837 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Tgt Ion: 117 Resp: 17163
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.0#
121 0.0 24.8 37.2#





#48

Methyl methacrylate

Concen: 0.238 ug/l

RT: 7.169 min Scan# 11

Delta R.T. 0.209 min

Lab File: VU045610.D

Acq: 08 Nov 2021 13:14

Instrument :

MSVOA_U

ClientSampleId :

TB

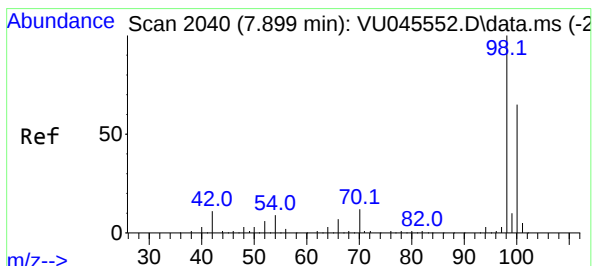
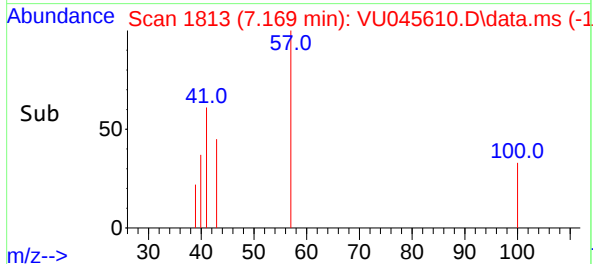
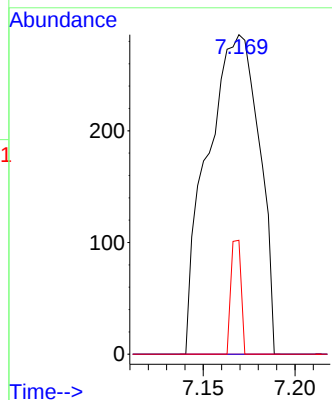
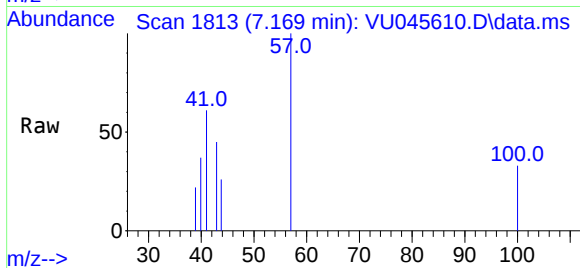
Tgt Ion: 41 Resp: 562

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.2#

39 6.9 43.9 65.9#



#50

Toluene-d8

Concen: 52.597 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU045610.D

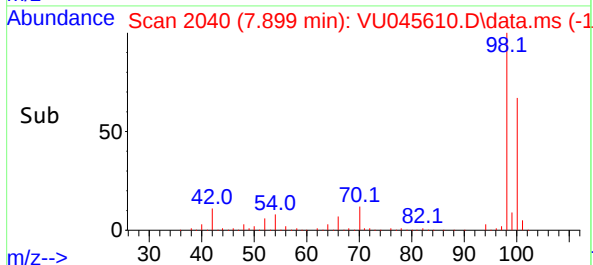
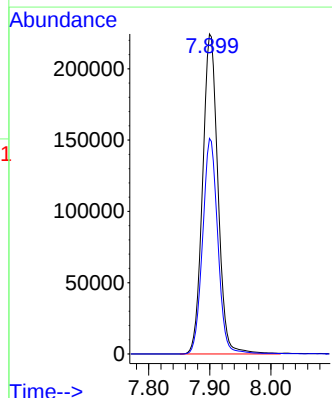
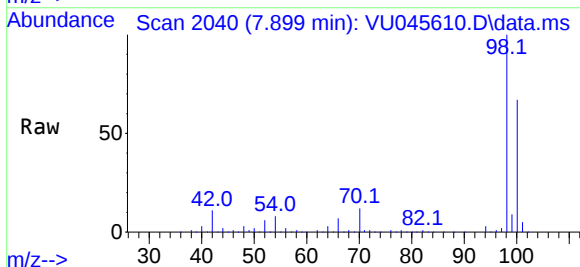
Acq: 08 Nov 2021 13:14

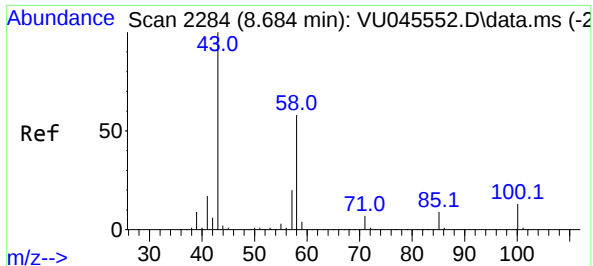
Tgt Ion: 98 Resp: 390603

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7





#59

2-Hexanone

Concen: 7.640 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045610.D

Acq: 08 Nov 2021 13:14

Instrument :

MSVOA_U

ClientSampleId :

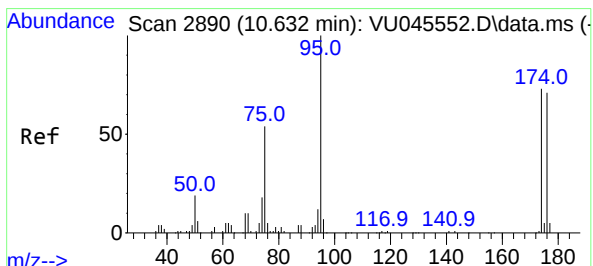
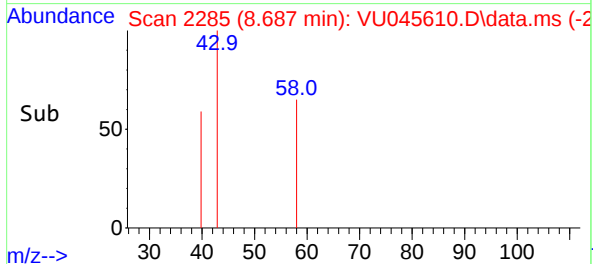
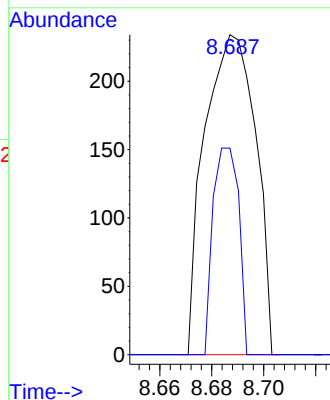
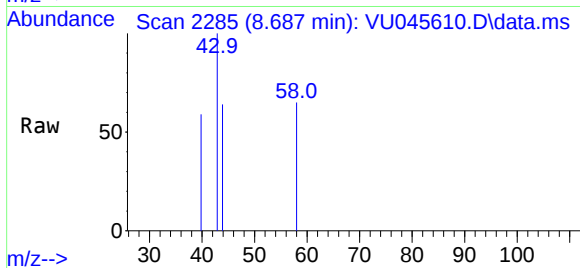
TB

Tgt Ion: 43 Resp: 319

Ion Ratio Lower Upper

43 100

58 32.6 29.5 88.6



#62

4-Bromofluorobenzene

Concen: 52.855 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045610.D

Acq: 08 Nov 2021 13:14

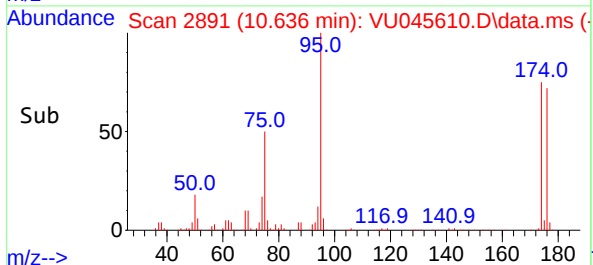
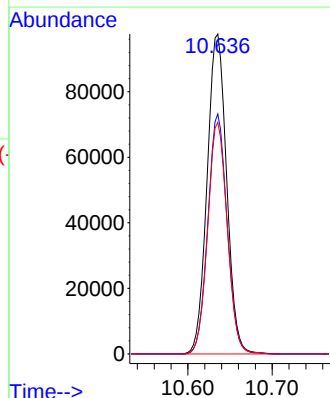
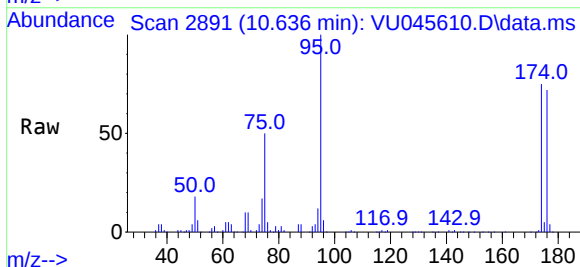
Tgt Ion: 95 Resp: 157397

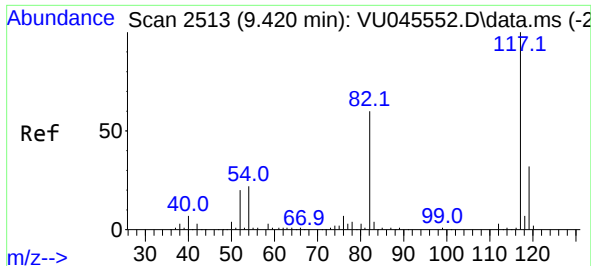
Ion Ratio Lower Upper

95 100

174 74.0 0.0 141.8

176 72.0 0.0 138.2

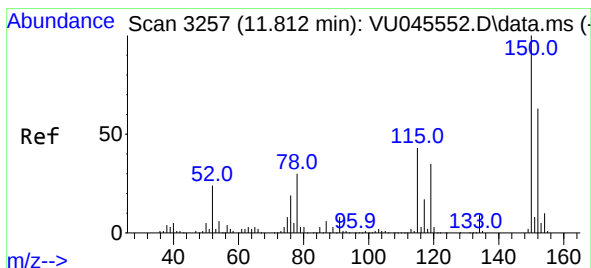
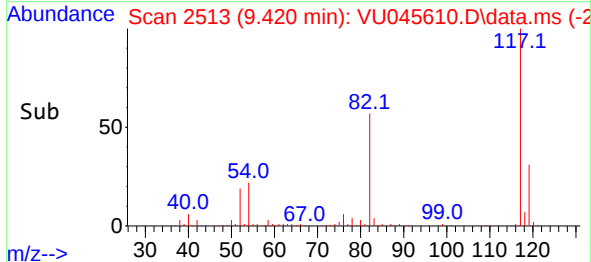
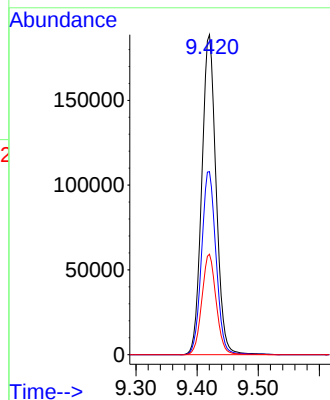
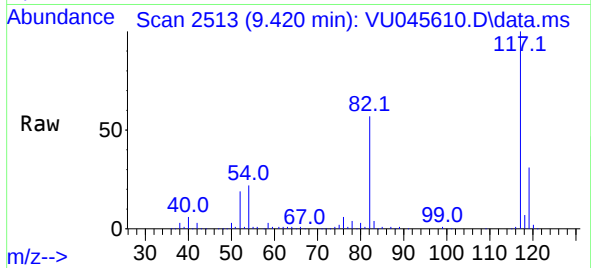




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

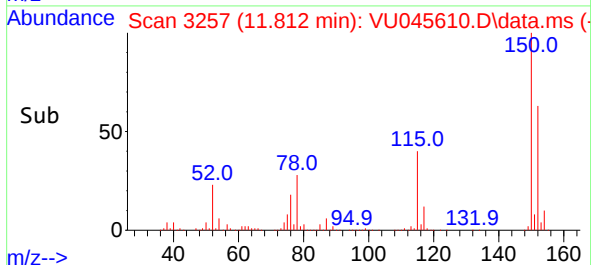
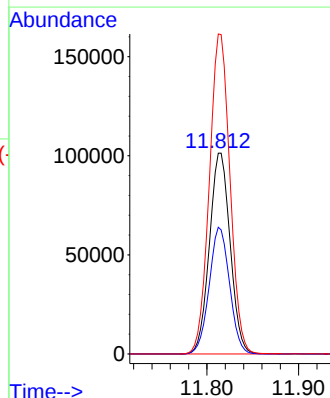
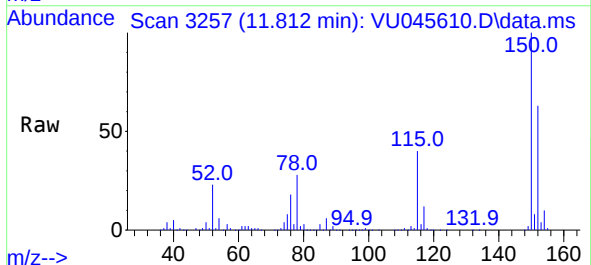
Instrument :
MSVOA_U
ClientSampleId :
TB

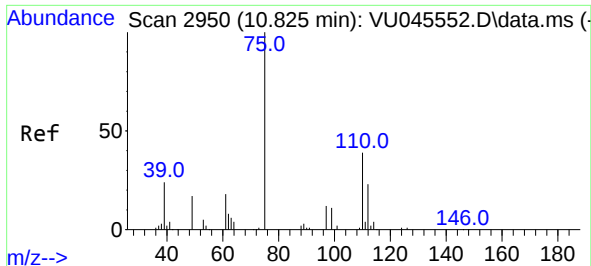
Tgt Ion:117 Resp: 306643
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.8
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Tgt Ion:152 Resp: 159175
Ion Ratio Lower Upper
152 100
115 61.9 42.7 128.1
150 158.1 0.0 346.8

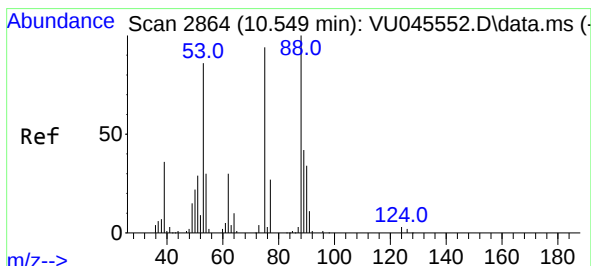
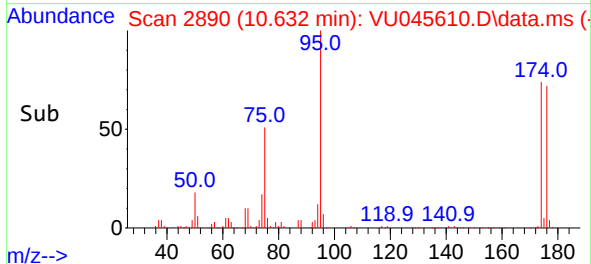
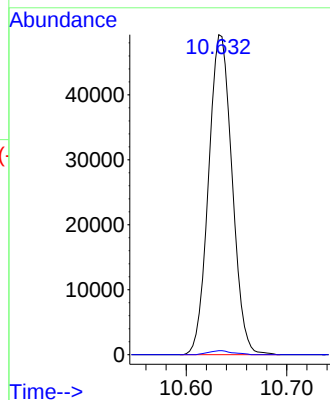
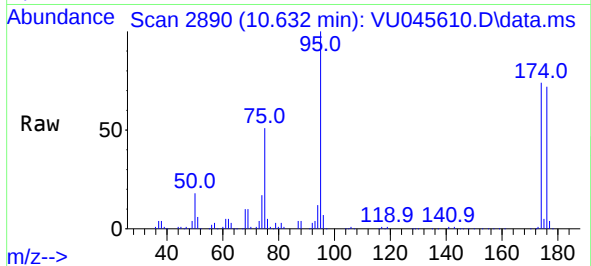




#76
1,2,3-Trichloropropane
Concen: 16.586 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

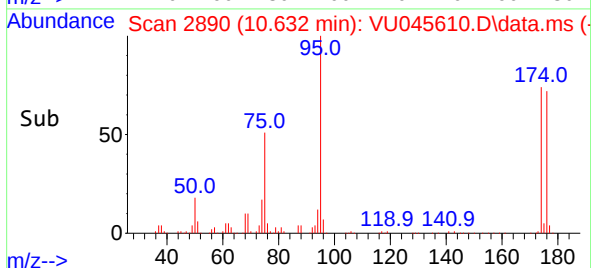
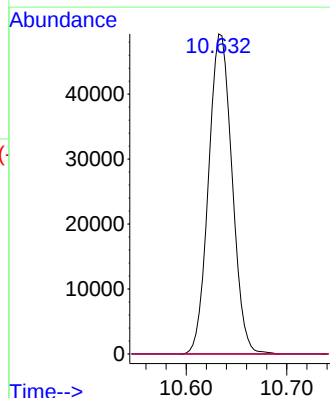
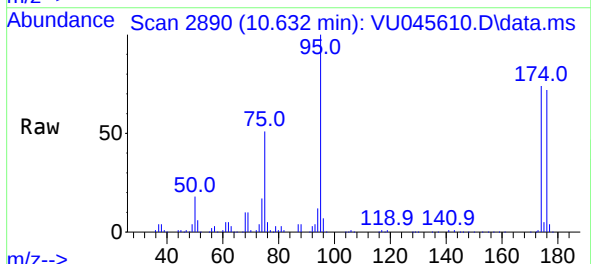
Instrument :
MSVOA_U
ClientSampleId :
TB

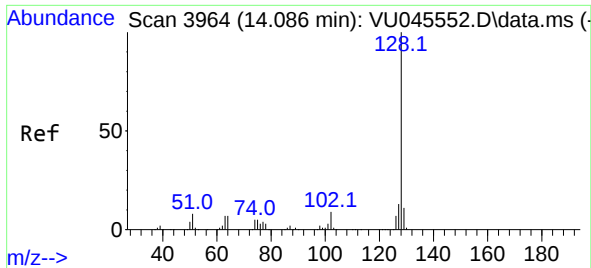
Tgt Ion: 75 Resp: 80060
Ion Ratio Lower Upper
75 100
77 1.3 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.074 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Tgt Ion: 75 Resp: 80060
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.498 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045610.D

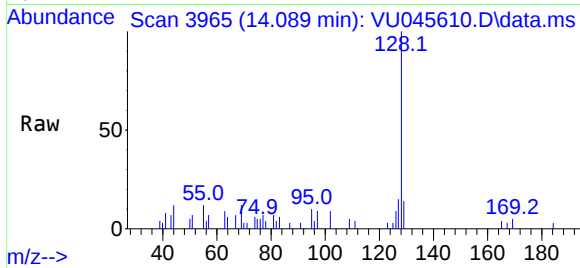
Acq: 08 Nov 2021 13:14

Instrument :

MSVOA_U

ClientSampleId :

TB



Tgt Ion:128 Resp: 6173

Ion	Ratio	Lower	Upper
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128	100		
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127	12.6	10.6	15.8
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129	11.9	8.6	13.0
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