

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 :

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)

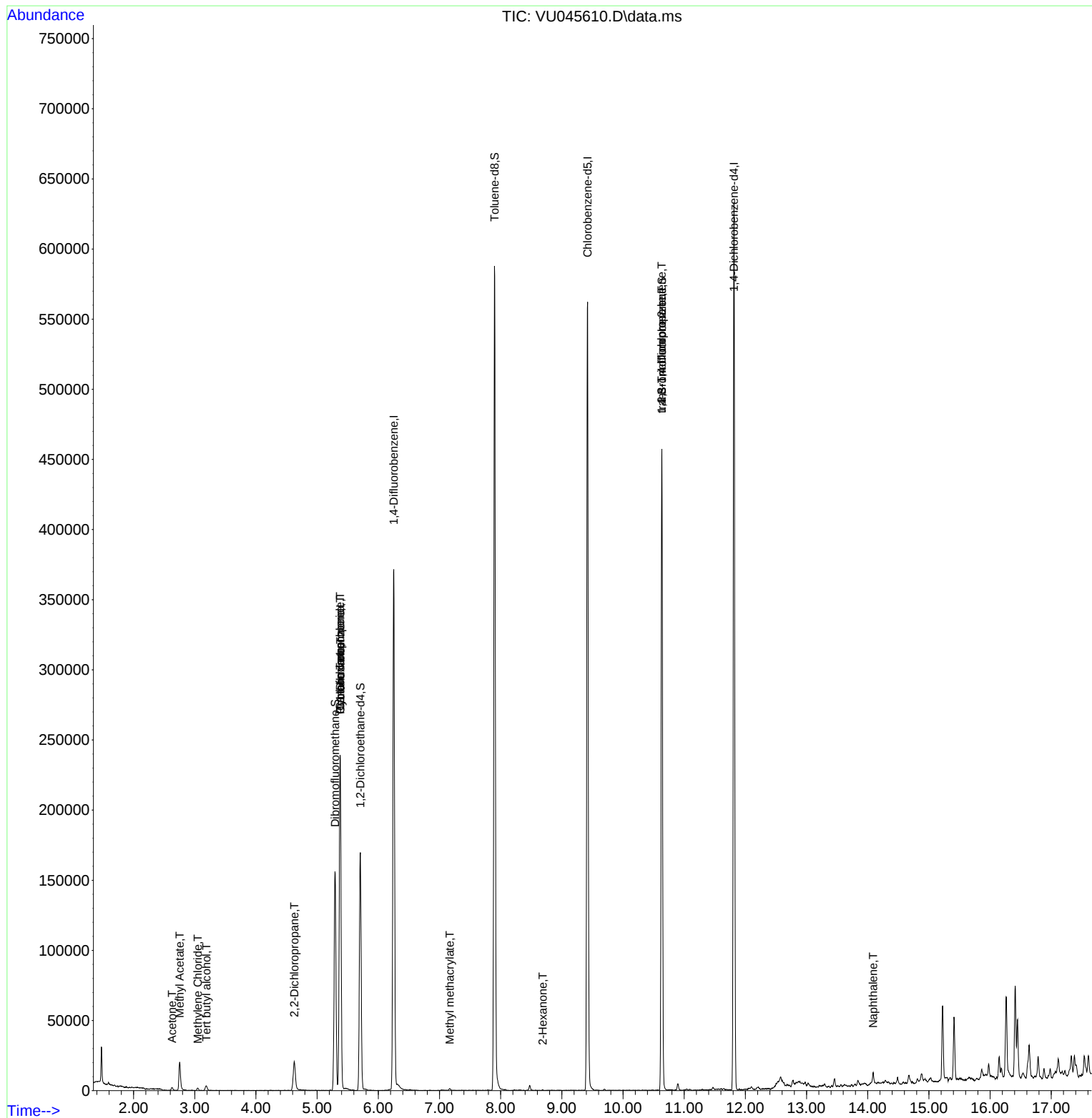
Internal Standards						
1) Pentafluorobenzene	5.378	168	161779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	299131	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	306643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	159175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

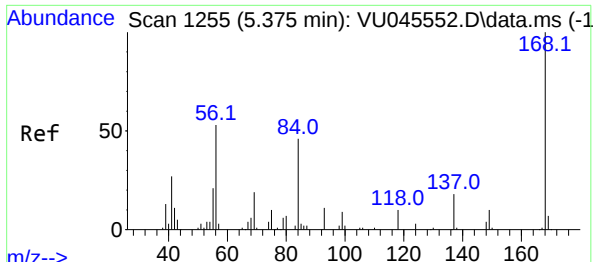
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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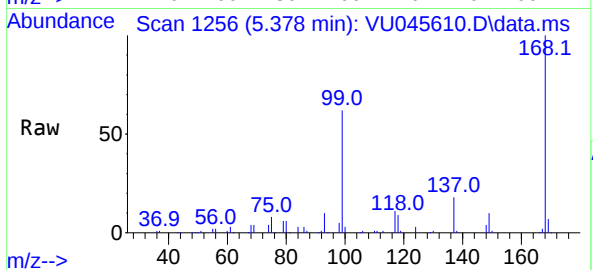
Quant Time: Nov 09 09:55:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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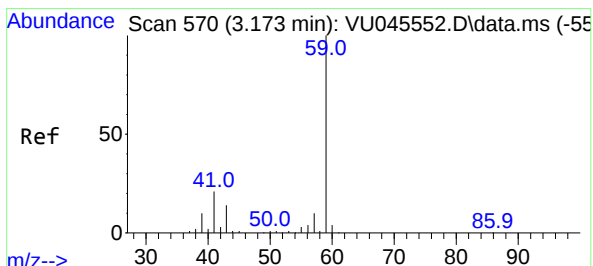
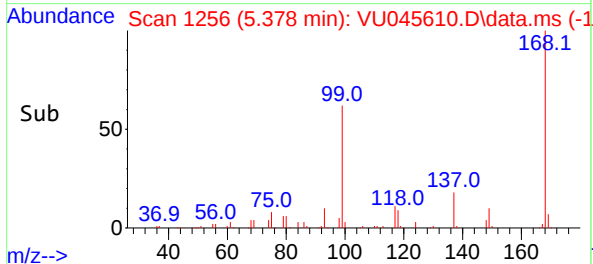
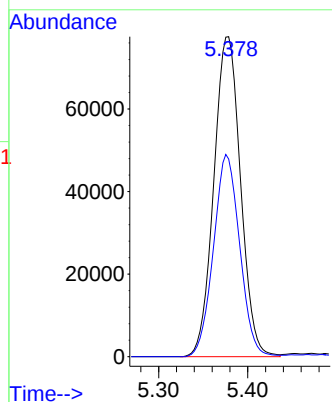


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Instrument :
MSVOA_U
ClientSampleId :

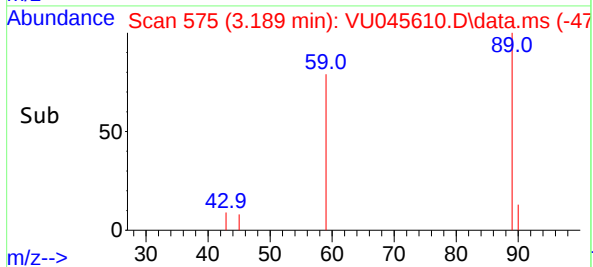
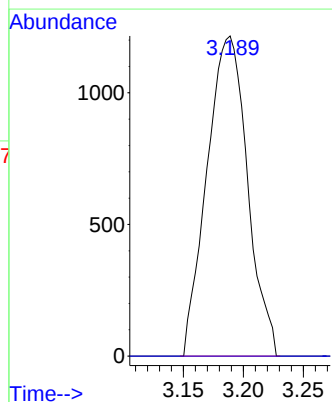
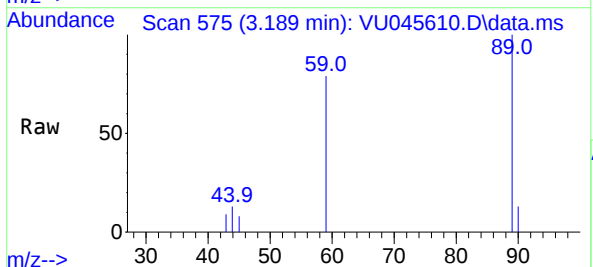


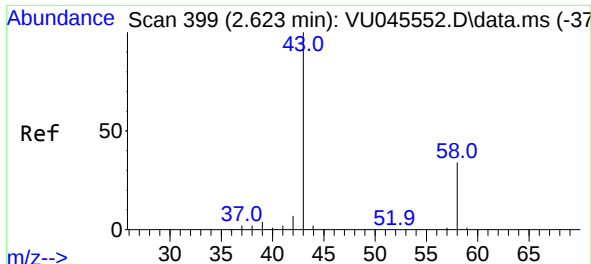
Tgt Ion:168 Resp: 161779
Ion Ratio Lower Upper
168 100
99 61.7 51.0 76.6



#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

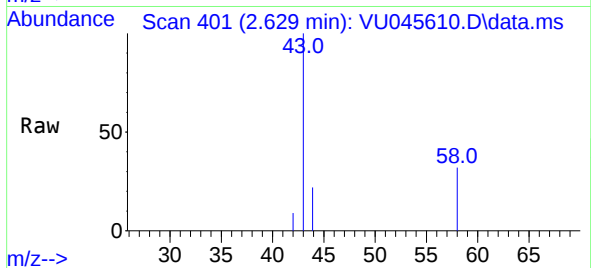
Tgt Ion: 59 Resp: 2860
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



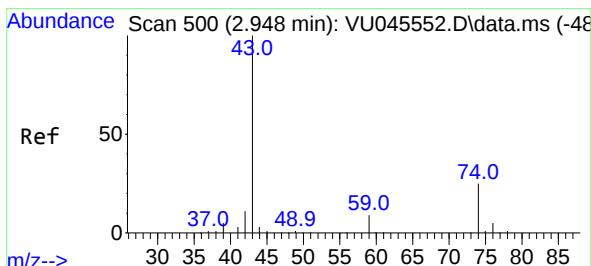
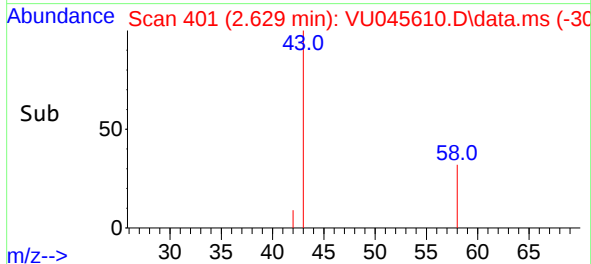
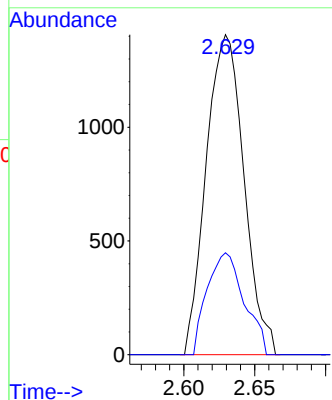


#16
Acetone
Concen: 2.115 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Instrument :
MSVOA_U
ClientSampleId :

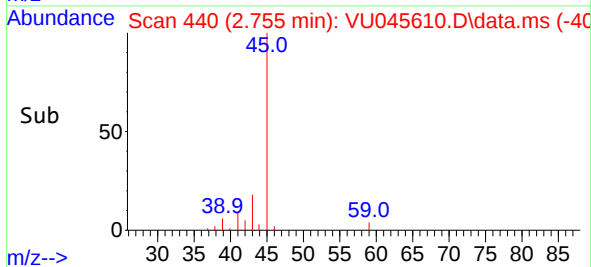
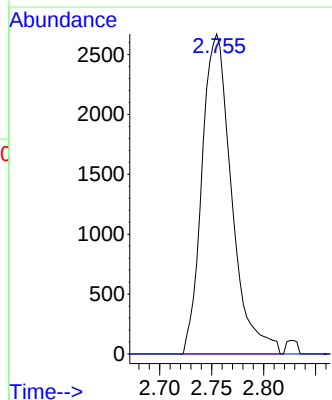
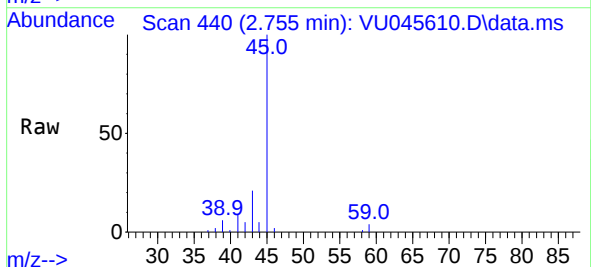


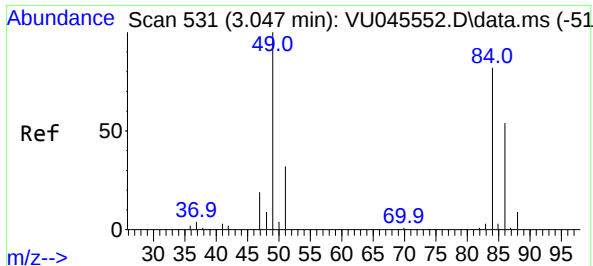
Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
58 31.8 26.2 39.2



#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

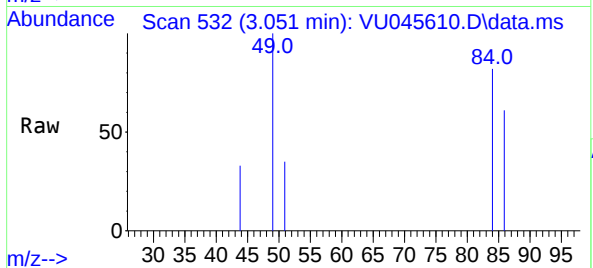
Tgt Ion: 43 Resp: 5300
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





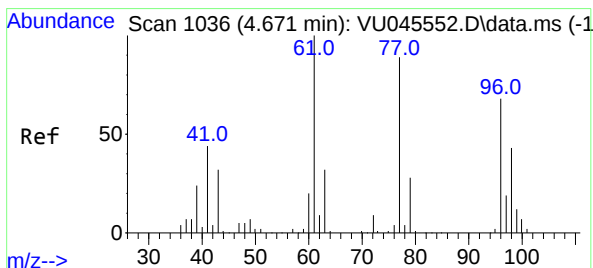
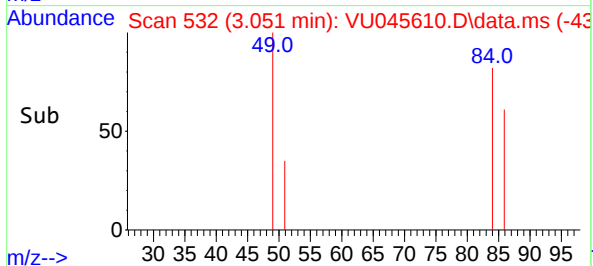
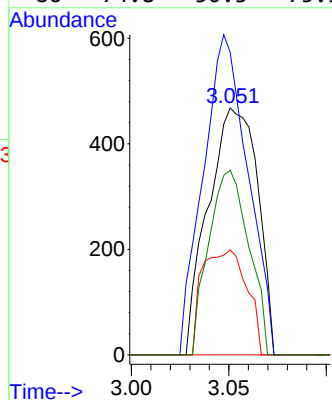
#20
Methylene Chloride
Concen: 0.386 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 827

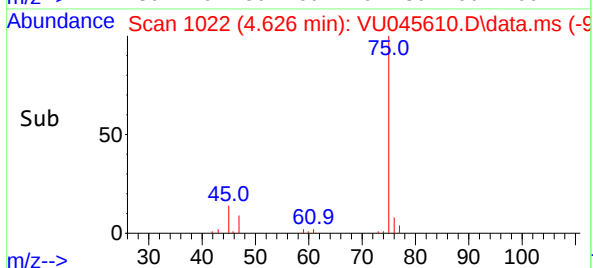
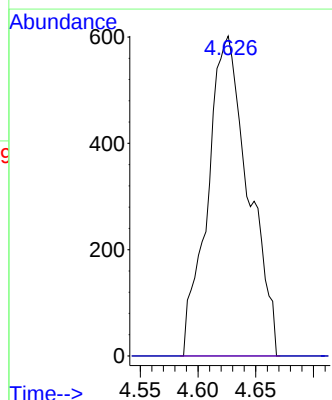
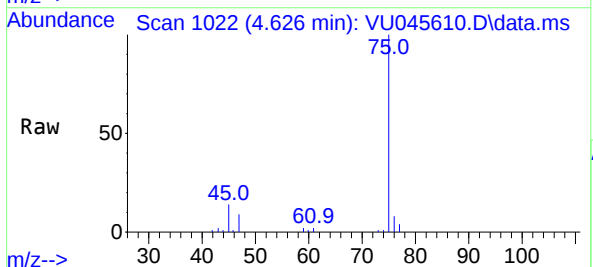
Ion	Ratio	Lower	Upper
84	100		
49	122.6	96.4	144.6
51	42.5	30.5	45.7
86	74.8	50.3	75.5

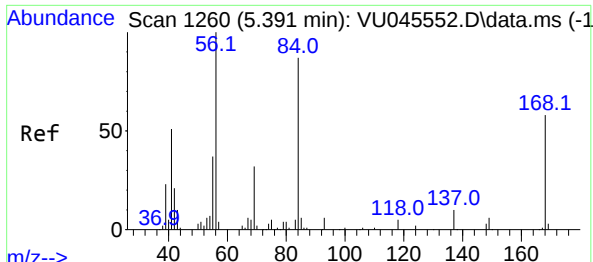


#26
2,2-Dichloropropane
Concen: 0.482 ug/l
RT: 4.626 min Scan# 1022
Delta R.T. -0.045 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Tgt Ion: 77 Resp: 1484

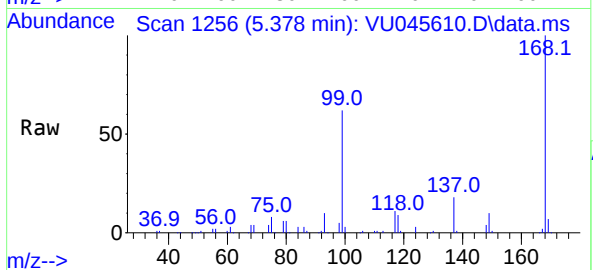
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.1#



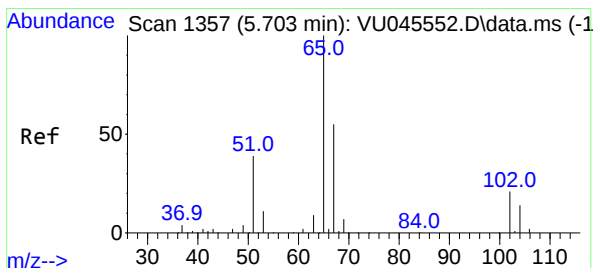
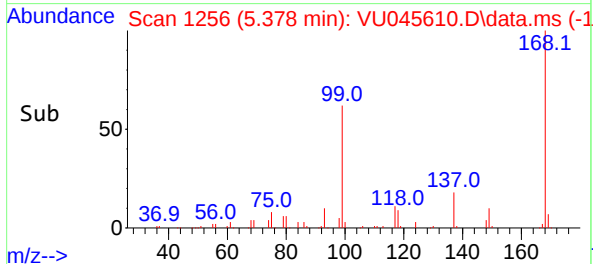
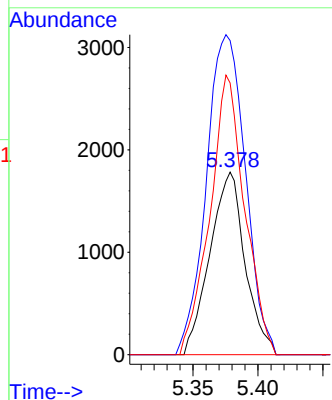


#31
Cyclohexane
Concen: 0.950 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Instrument :
MSVOA_U
ClientSampleId :

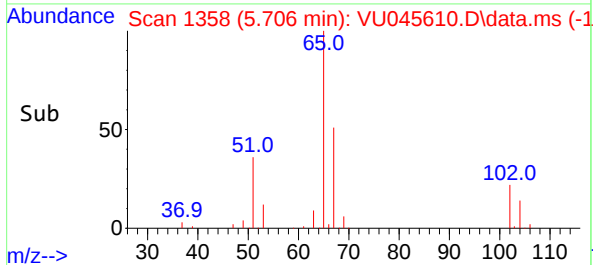
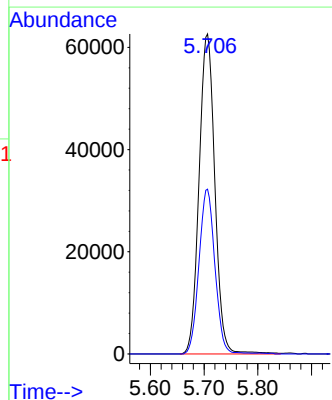
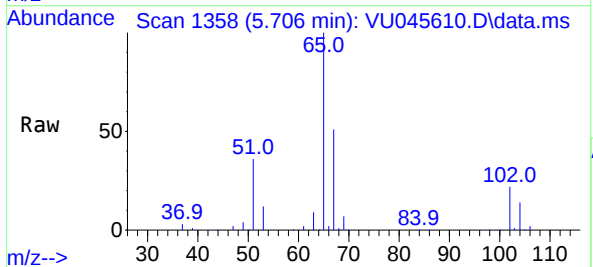


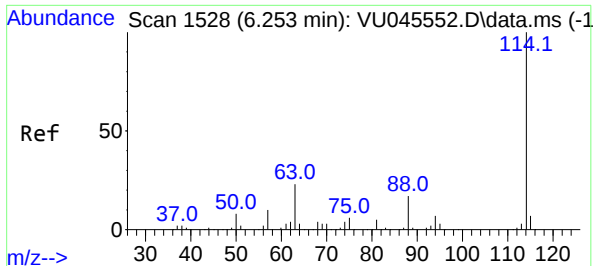
Tgt Ion: 56 Resp: 3357
Ion Ratio Lower Upper
56 100
69 172.1 26.4 39.6#
84 148.8 68.4 102.6#



#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

ClientSampleId :

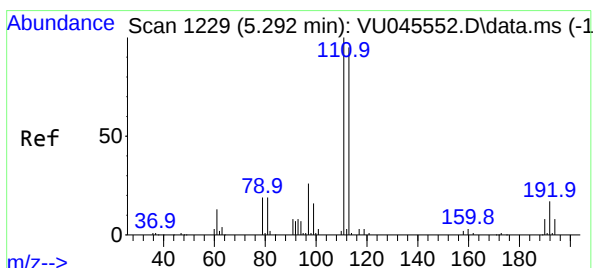
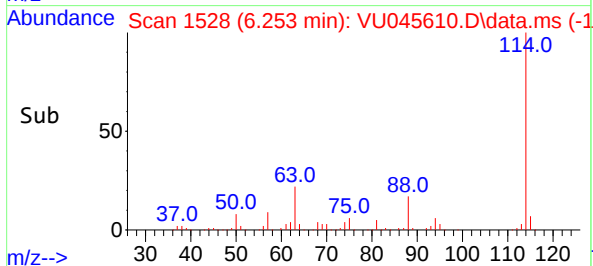
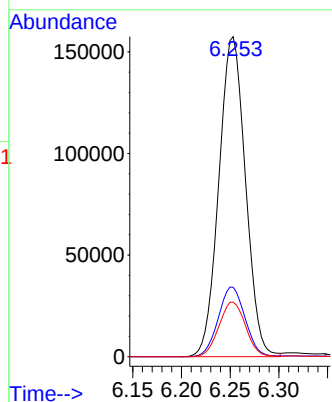
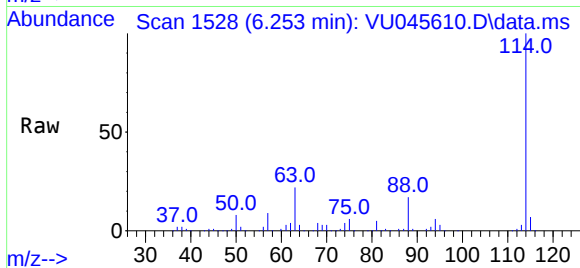
Tgt Ion:114 Resp: 299131

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

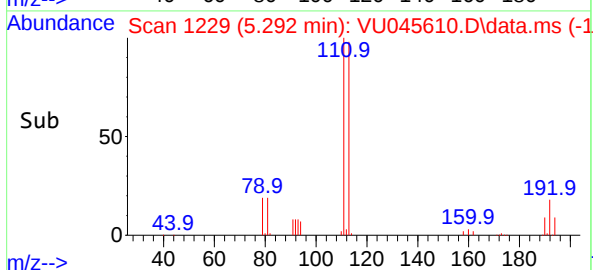
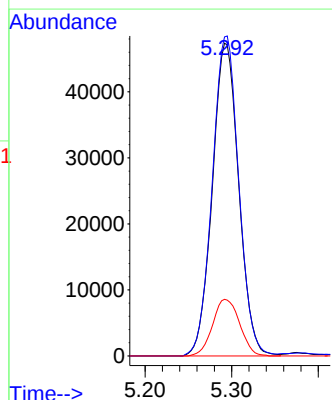
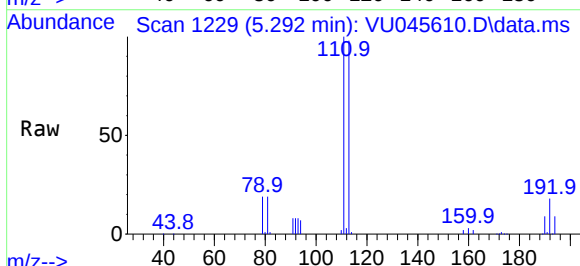
Tgt Ion:113 Resp: 100260

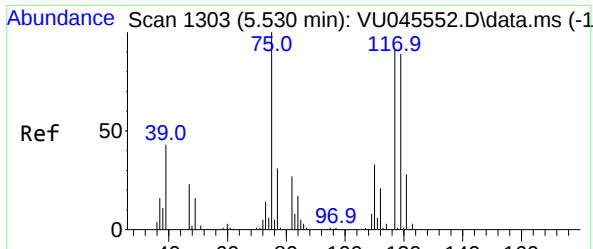
Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

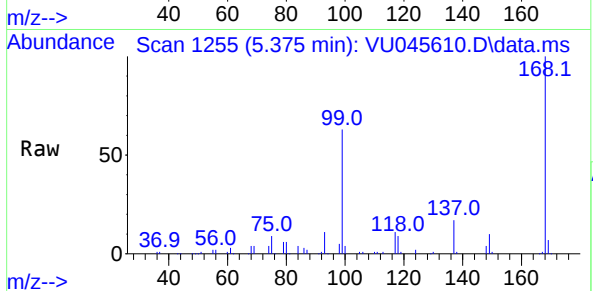
192 18.6 14.8 22.2



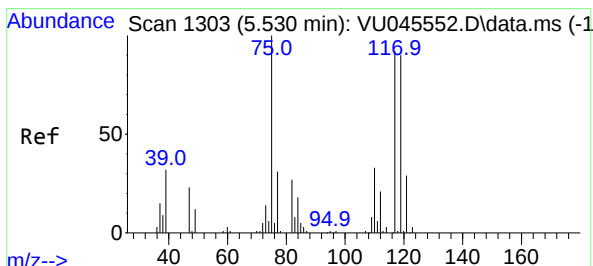
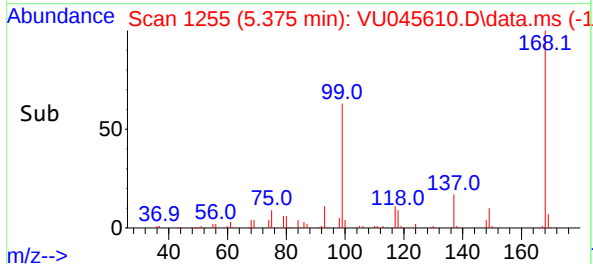
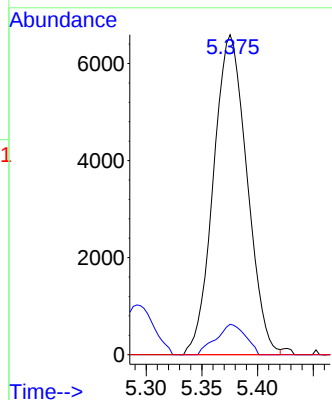


#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

Instrument :
MSVOA_U
ClientSampleId :

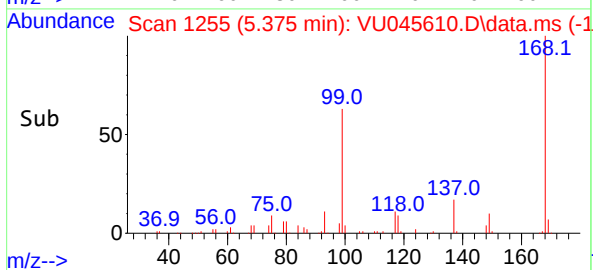
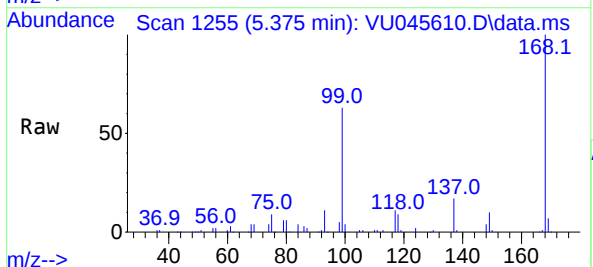
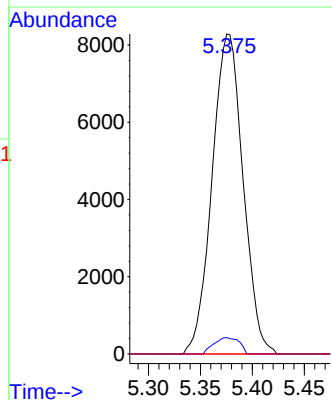


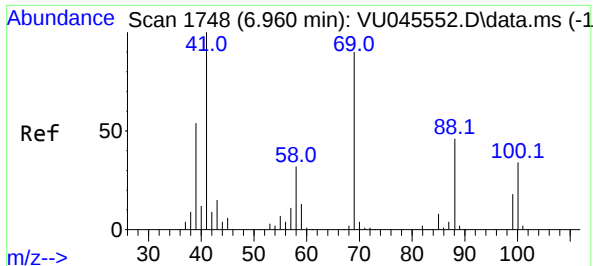
Tgt Ion: 75 Resp: 13806
Ion Ratio Lower Upper
75 100
110 8.3 16.7 50.0#
77 0.0 25.0 37.4#



#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

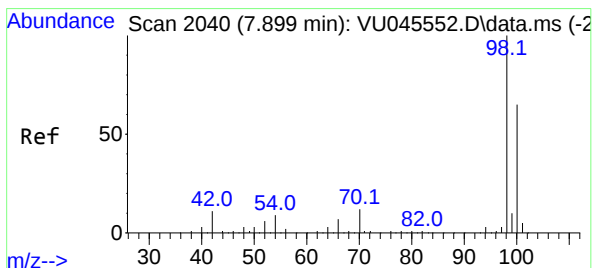
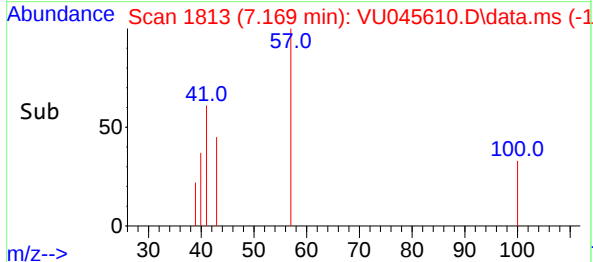
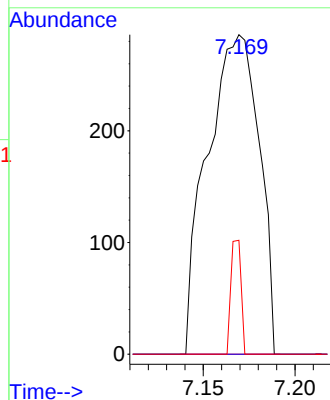
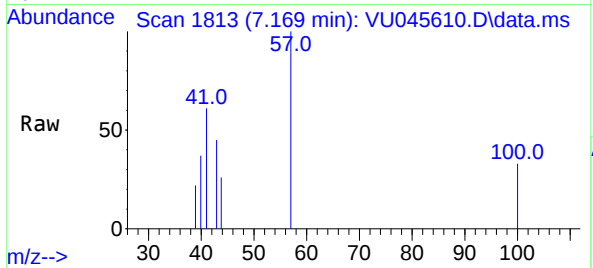
Acq: 08 Nov 2021 13:14

Instrument :

MSVOA_U

ClientSampleId :

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

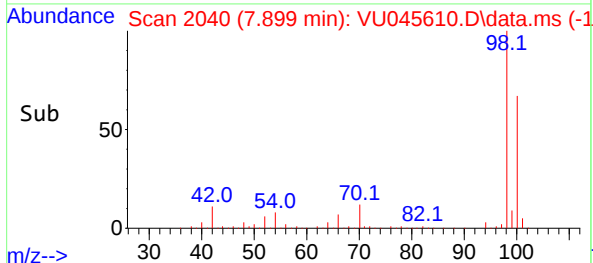
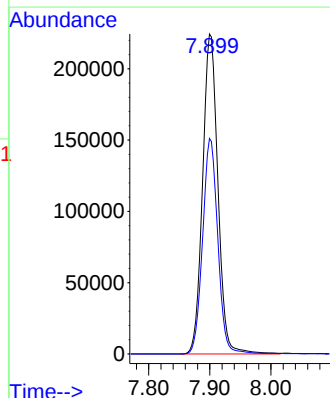
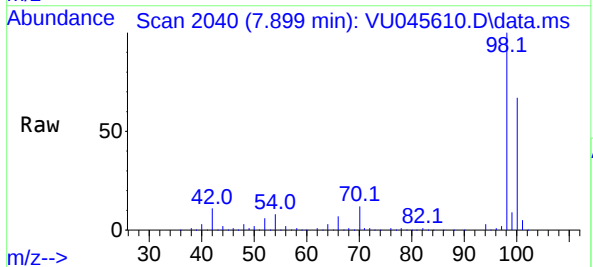
RT: 7.899 min Scan# 2040

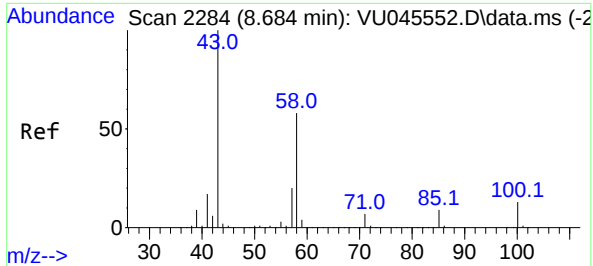
Delta R.T. -0.000 min

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

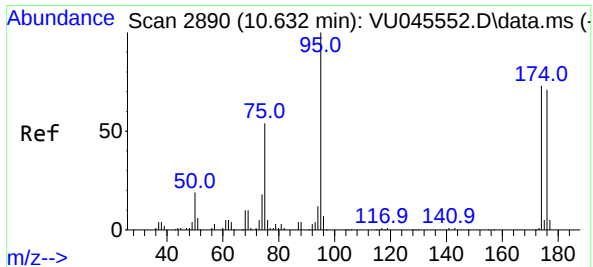
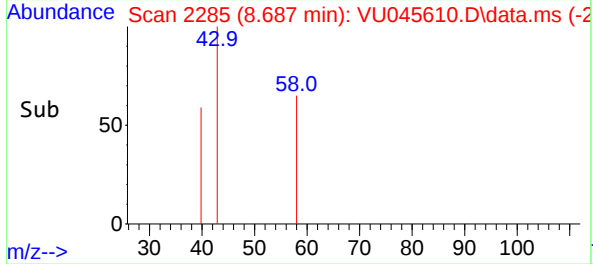
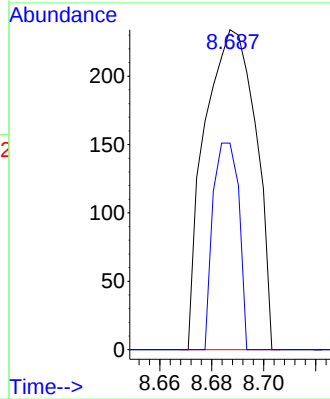
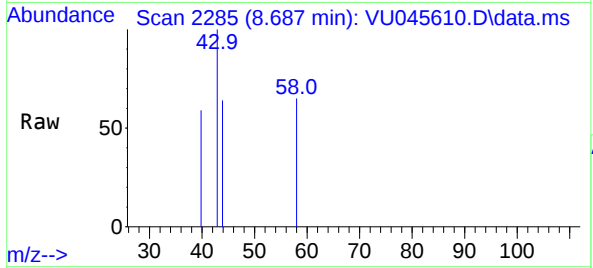




#59
2-Hexanone
Concen: 7.640 ug/l
RT: 8.687 min Scan# 219
Delta R.T. 0.003 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

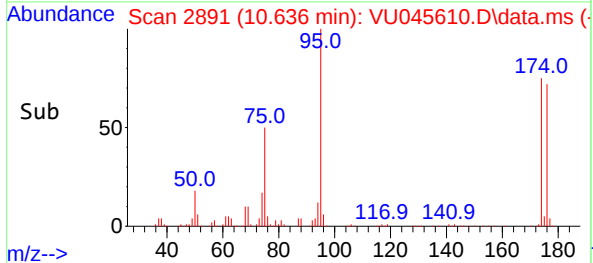
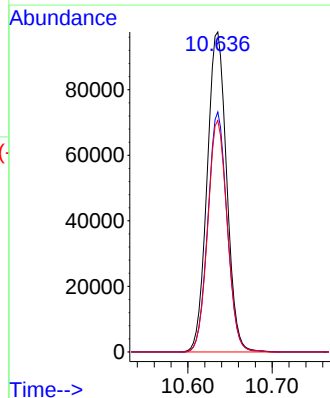
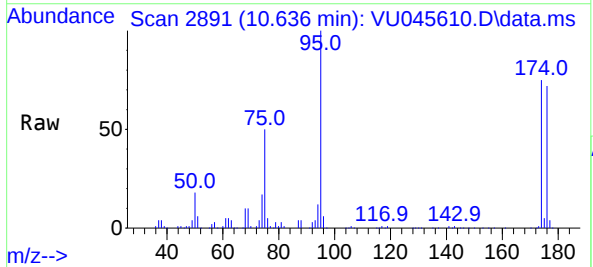
Instrument :
MSVOA_U
ClientSampleId :

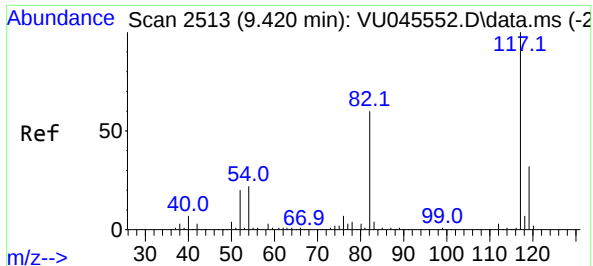
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 32.6 29.5 88.6



#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

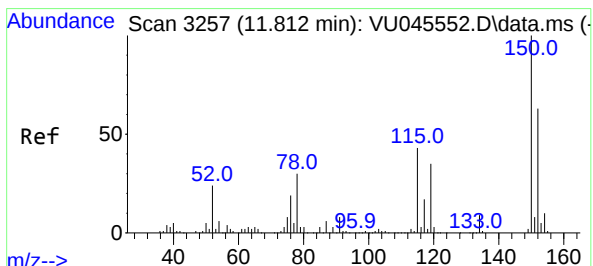
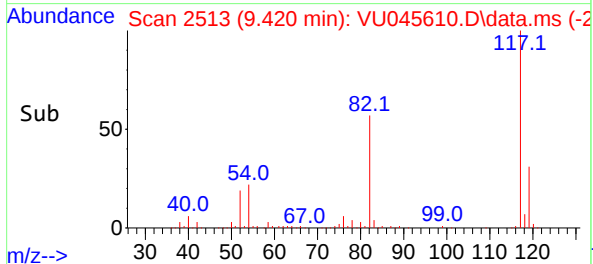
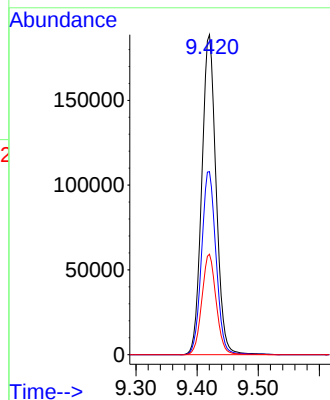
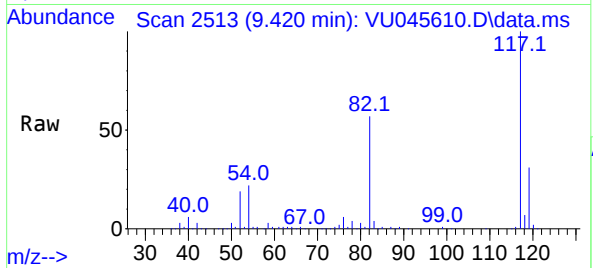




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

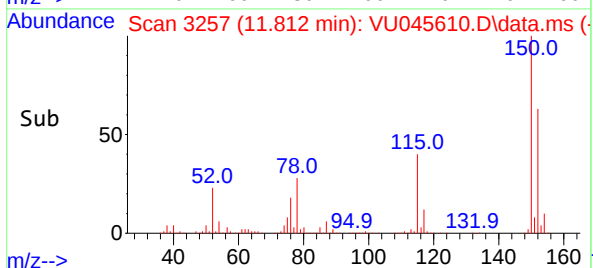
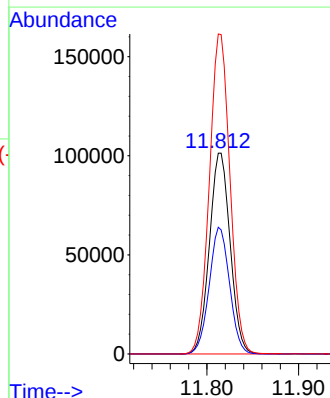
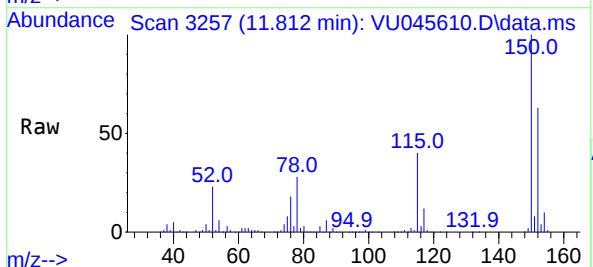
Instrument :
MSVOA_U
ClientSampleId :

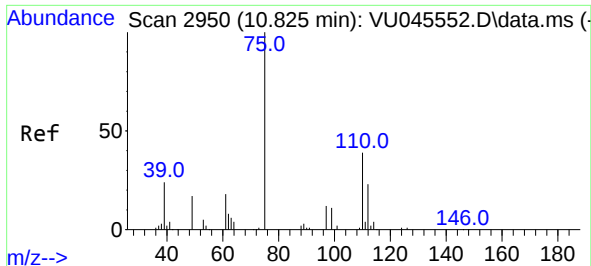
Tgt Ion:117 Resp: 306643
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.8
119 31.4 25.8 38.8



#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

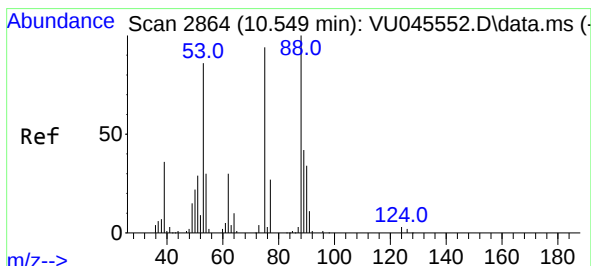
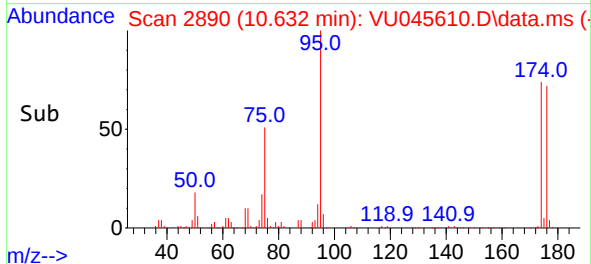
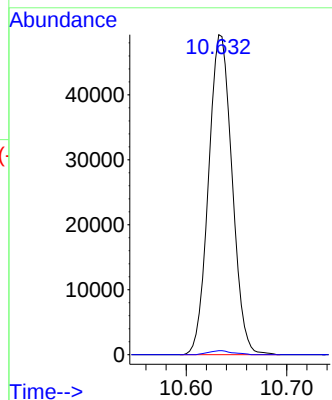
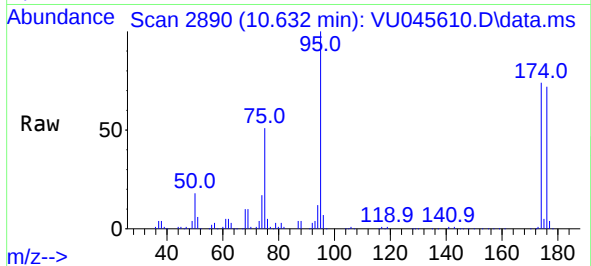




#76
1,2,3-Trichloropropane
Concen: 16.586 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045610.D
Acq: 08 Nov 2021 13:14

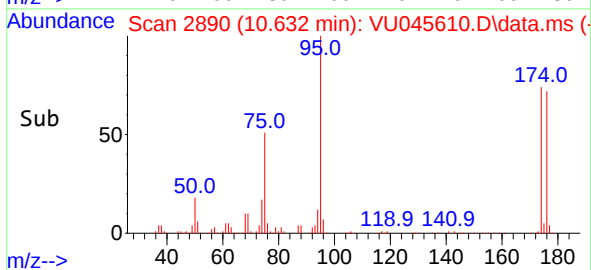
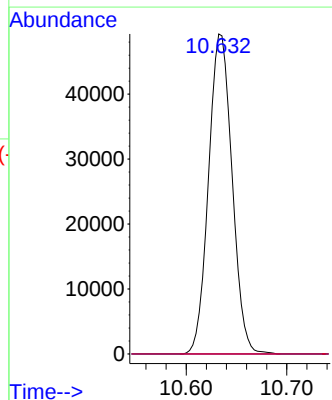
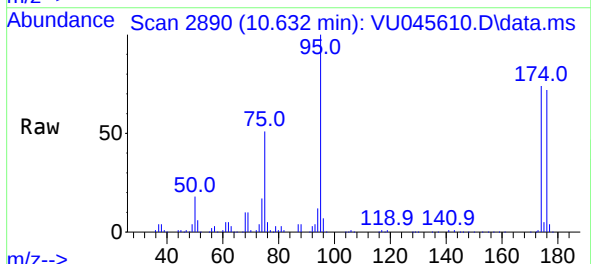
Instrument :
MSVOA_U
ClientSampleId :

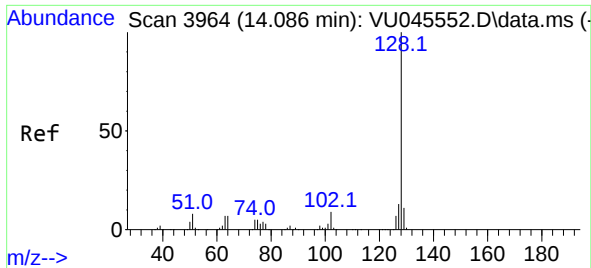
Tgt Ion: 75 Resp: 80060
Ion Ratio Lower Upper
75 100
77 1.3 17.1 51.3#



#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

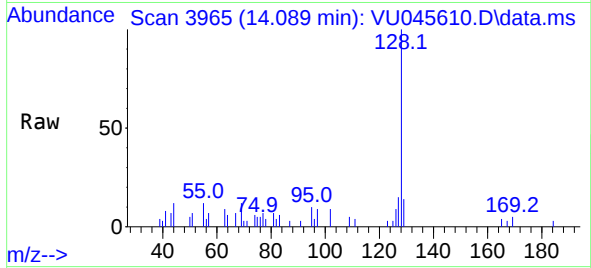
Tgt Ion: 75 Resp: 80060
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#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 :



Tgt Ion:128 Resp: 6173

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

