

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
 Data File : VU044609.D
 Acq On : 09 Sep 2021 12:38
 Operator : SY/MD
 Sample : VSTD0.521
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 10 01:06:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 10 01:05:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	150965	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	152434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	74834	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	3986	0.338	ug/L	0.00
7) Chloroethane-d5	1.919	69	4431	0.424	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	2126	0.413	ug/L	0.00
20) 2-Butanone-d5	4.652	46	10556	3.028	ug/L	0.00
24) Chloroform-d	5.070	84	8461	0.401	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	5045	0.427	ug/L	0.00
32) Benzene-d6	5.735	84	17011	0.396	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	5506	0.400	ug/L	0.00
41) Toluene-d8	7.906	98	14464	0.380	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	1846	0.374	ug/L	0.00
46) 2-Hexanone-d5	8.648	63	10834	3.937	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	4674	0.400	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	5511	0.434	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	6029	0.406	ug/L	100
3) Chloromethane	1.523	50	7829	0.405	ug/L	95
5) Vinyl chloride	1.607	62	8077	0.447	ug/L	99
6) Bromomethane	1.864	94	3883	0.397	ug/L	98
8) Chloroethane	1.938	64	5151	0.461	ug/L	98
9) Trichlorofluoromethane	2.144	101	8208	0.397	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	5098	0.441	ug/L	98
12) 1,1-Dichloroethene	2.587	96	5016	0.444	ug/L	92
13) Acetone	2.652	43	8894	3.191	ug/L	85
14) Carbon disulfide	2.800	76	15113	0.416	ug/L	99
15) Methyl Acetate	2.970	43	2186	0.497	ug/L #	83
16) Methylene chloride	3.054	84	17081	0.979	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	12982	0.442	ug/L	97
18) trans-1,2-Dichloroethene	3.366	96	5134	0.435	ug/L	89
19) 1,1-Dichloroethane	3.883	63	10583	0.457	ug/L	98
21) 2-Butanone	4.726	43	12803	3.174	ug/L	95
22) cis-1,2-Dichloroethene	4.677	96	5420	0.430	ug/L	98
23) Bromochloromethane	4.983	128	2441	0.445	ug/L	92
25) Chloroform	5.099	83	12136	0.504	ug/L	96
27) 1,2-Dichloroethane	5.803	62	7535	0.479	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	8532	0.456	ug/L	97
30) Cyclohexane	5.398	56	8730	0.420	ug/L	99
31) Carbon tetrachloride	5.533	117	6302	0.413	ug/L	96
33) Benzene	5.784	78	22197	0.436	ug/L	100
34) Trichloroethene	6.549	95	5614	0.445	ug/L	94
35) Methylcyclohexane	6.771	83	8450	0.405	ug/L	96
37) 1,2-Dichloropropane	6.800	63	6174	0.462	ug/L	99
38) Bromodichloromethane	7.115	83	7372	0.452	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	7628	0.407	ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	41840	4.508	ug/L	99
42) Toluene	7.976	91	22032	0.414	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	6663	0.418	ug/L	87

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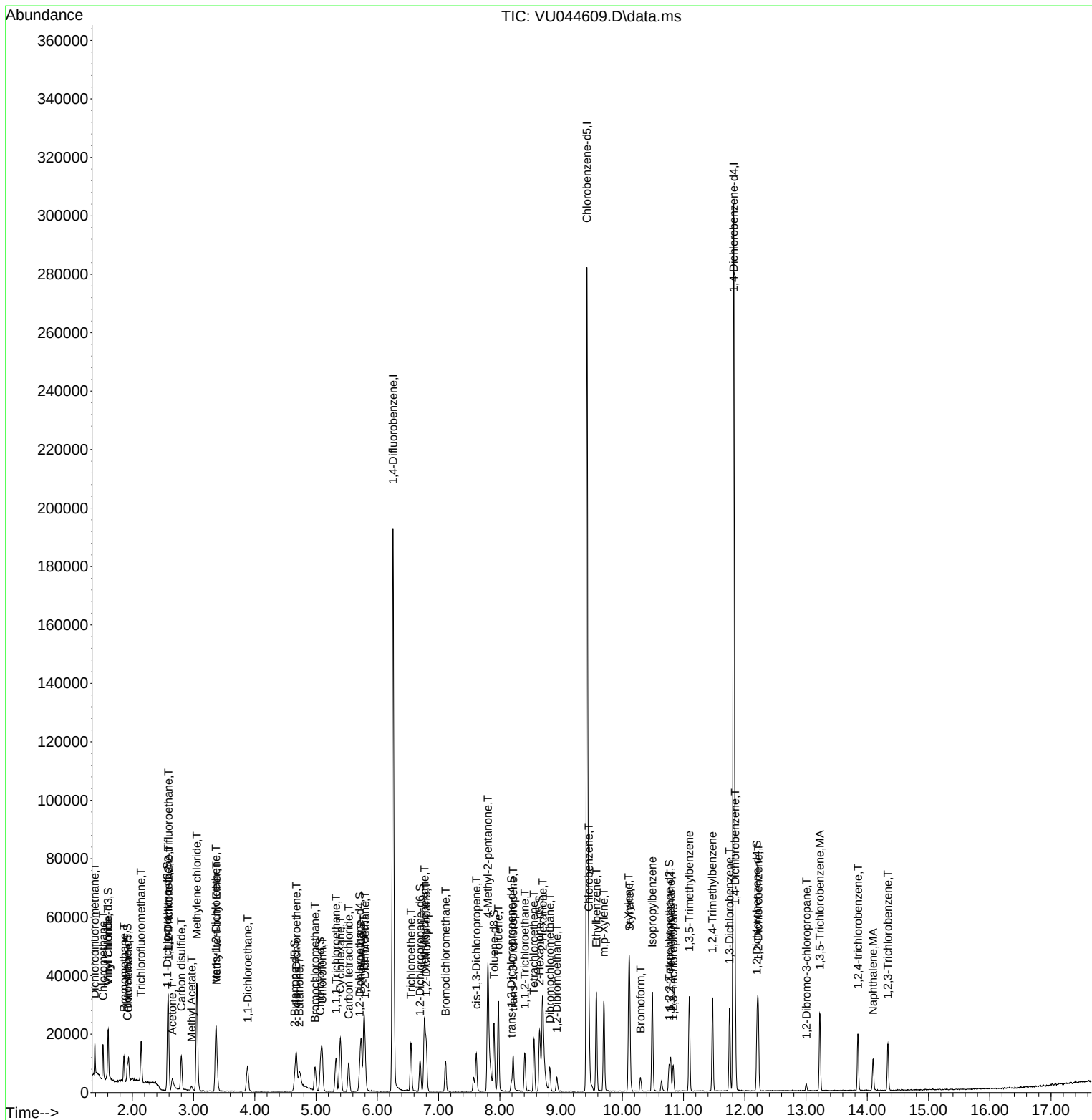
Quant Time: Sep 10 01:06:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 10 01:05:30 2021
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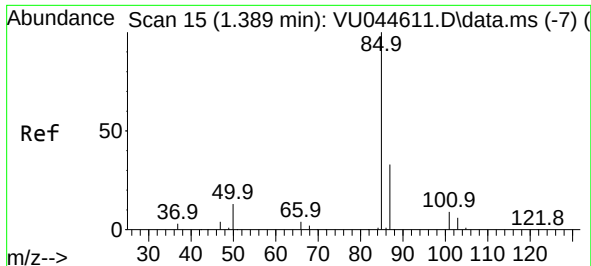
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.407	97	4267	0.449	ug/L	95
47) Tetrachloroethene	8.558	164	4044	0.462	ug/L	95
48) 2-Hexanone	8.700	43	30916	4.623	ug/L	96
49) Dibromochloromethane	8.819	129	4237	0.423	ug/L	99
50) 1,2-Dibromoethane	8.931	107	3869	0.426	ug/L #	90
51) Chlorobenzene	9.452	112	14649	0.451	ug/L	95
52) Ethylbenzene	9.578	91	23238	0.414	ug/L	99
53) m,p-Xylene	9.700	106	8912	0.422	ug/L	99
54) o-Xylene	10.105	106	8172	0.400	ug/L	98
55) Styrene	10.121	104	13560	0.396	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	5947	0.476	ug/L #	99
59) Bromoform	10.298	173	2341	0.452	ug/L #	93
60) Isopropylbenzene	10.491	105	22182	0.416	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	4134	0.448	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	16974	0.389	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	17102	0.382	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	10899	0.462	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	11639	0.486	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	10013	0.445	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.005	75	746	0.389	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.227	180	7501	0.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	5737	0.431	ug/L	99
71) Naphthalene	14.095	128	8911	0.353	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	5139	0.422	ug/L	94

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

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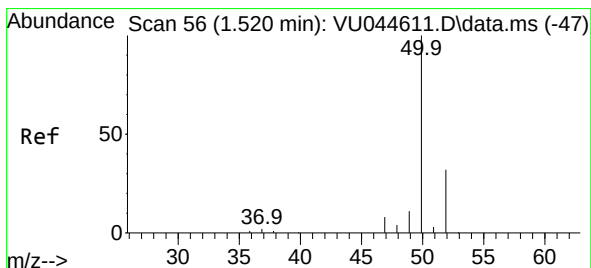
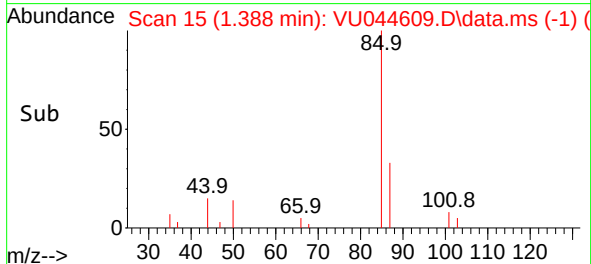
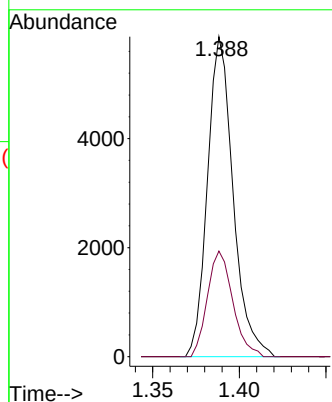
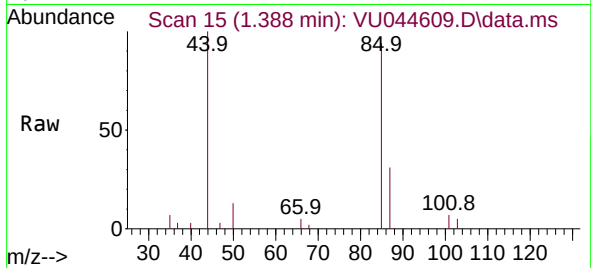




#2
Dichlorodifluoromethane
Concen: 0.406 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

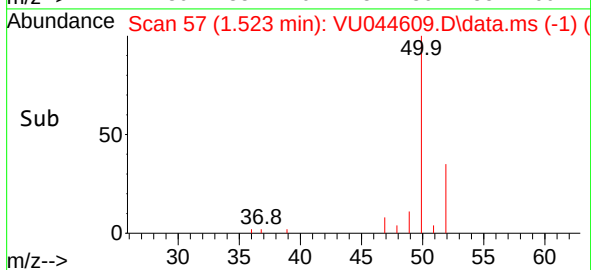
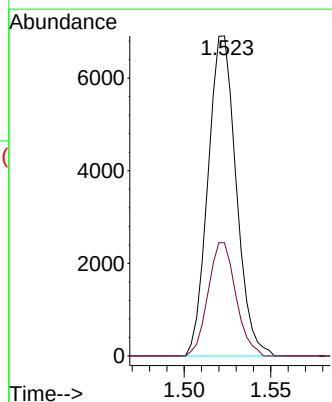
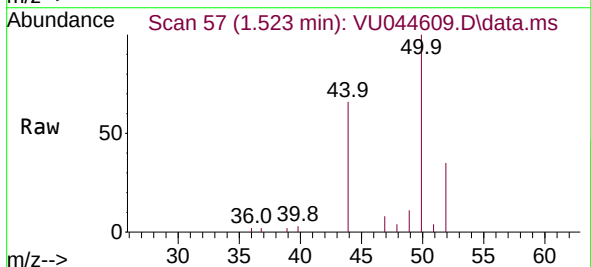
Instrument :
MSVOA_U
ClientSampled :

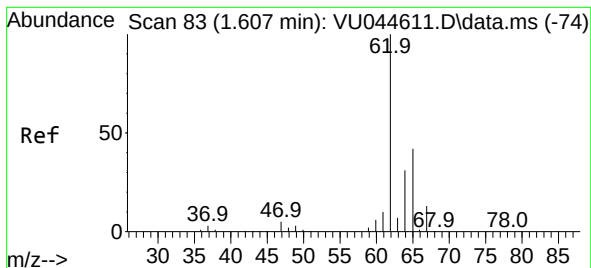
Tgt Ion: 85 Resp: 6029
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0



#3
Chloromethane
Concen: 0.405 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 50 Resp: 7829
Ion Ratio Lower Upper
50 100
52 35.4 22.6 42.0

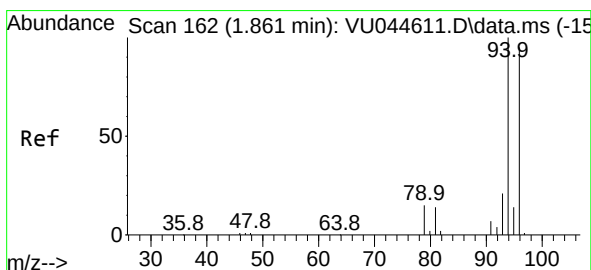
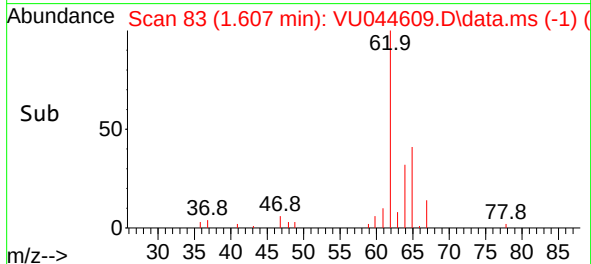
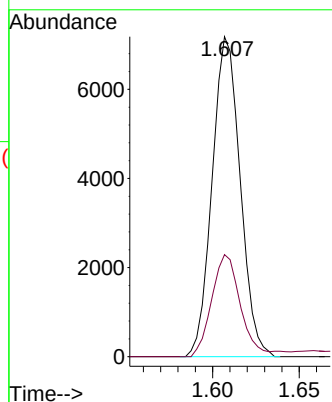
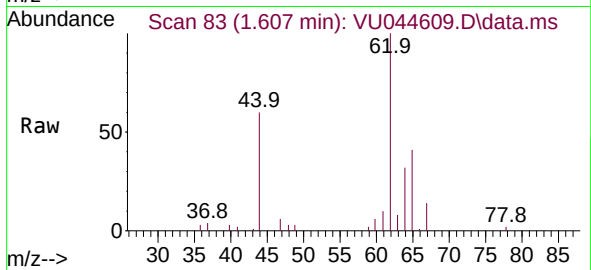




#5
 Vinyl chloride
 Concen: 0.447 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044609.D
 Acq: 09 Sep 2021 12:38

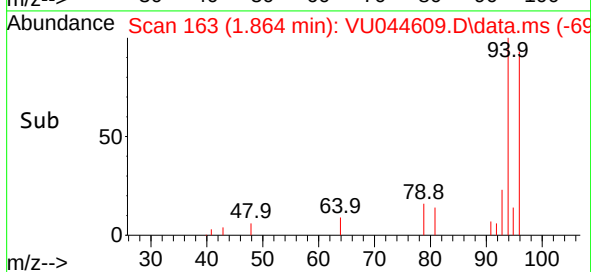
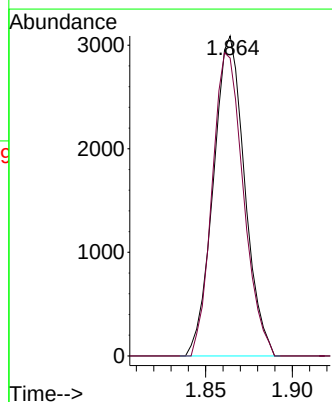
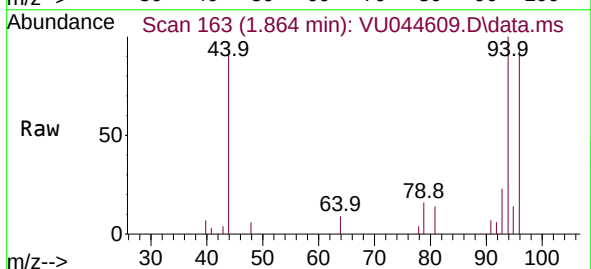
Instrument :
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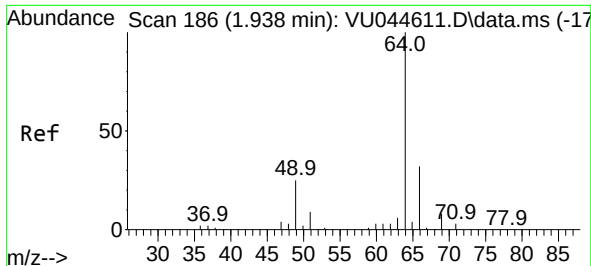
Tgt Ion: 62 Resp: 8077
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.0 40.8



#6
 Bromomethane
 Concen: 0.397 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU044609.D
 Acq: 09 Sep 2021 12:38

Tgt Ion: 94 Resp: 3883
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.4 123.4

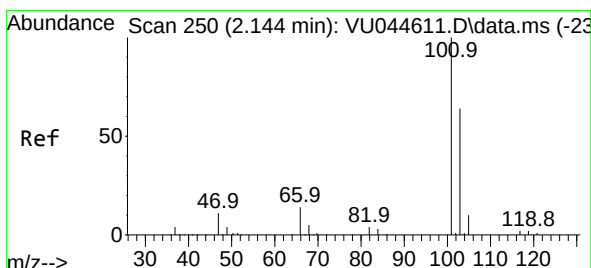
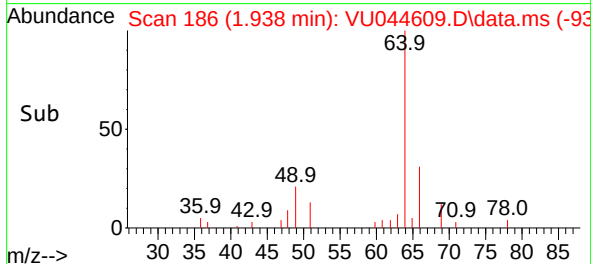
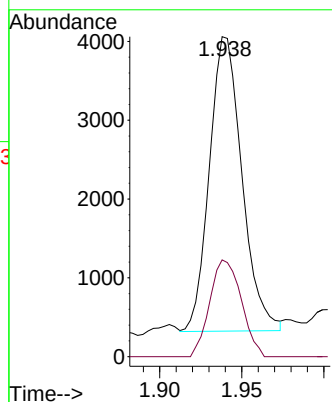
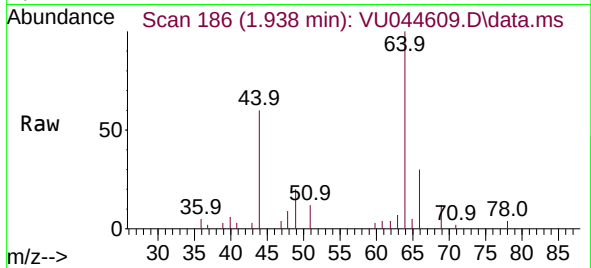




#8
Chloroethane
Concen: 0.461 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

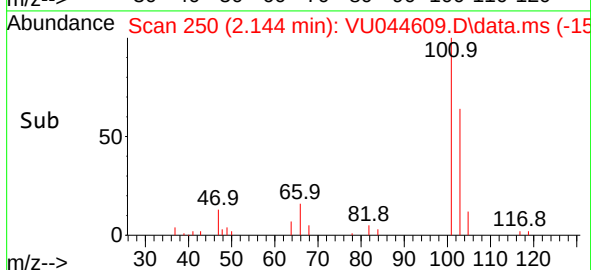
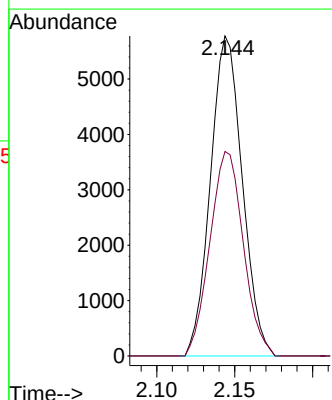
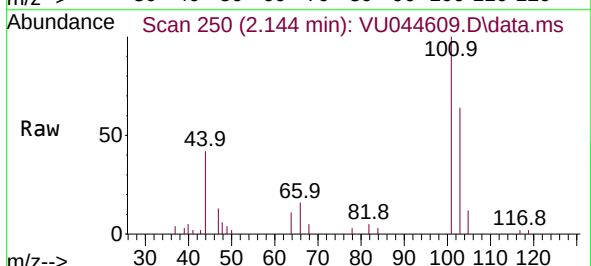
Instrument :
MSVOA_U
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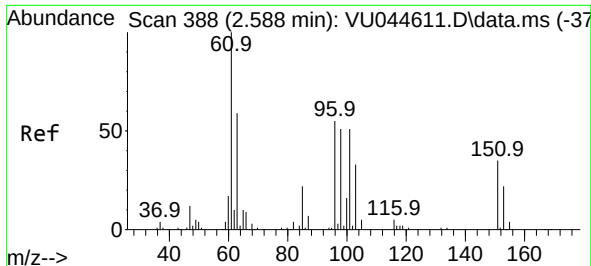
Tgt Ion: 64 Resp: 5151
Ion Ratio Lower Upper
64 100
66 30.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.397 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 101 Resp: 8208
Ion Ratio Lower Upper
101 100
103 67.0 51.2 76.8

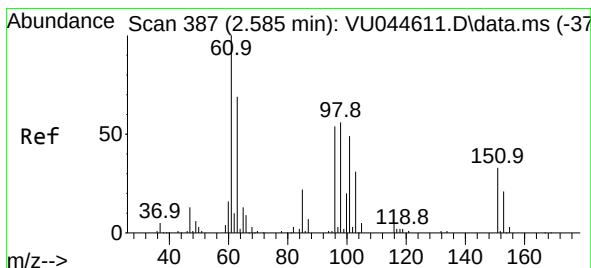
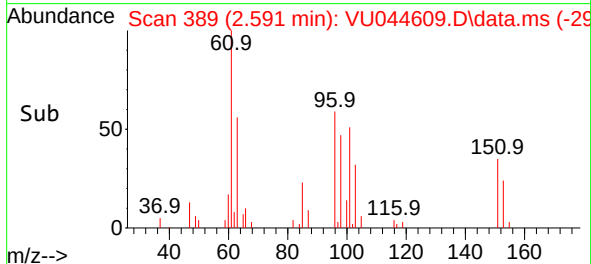
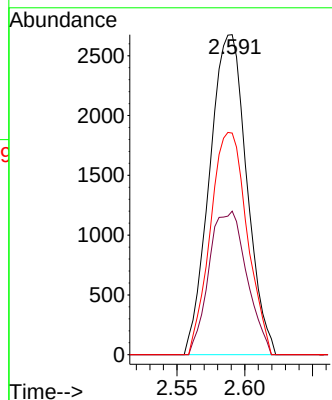
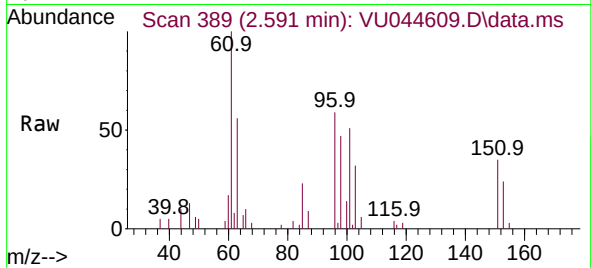




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.441 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

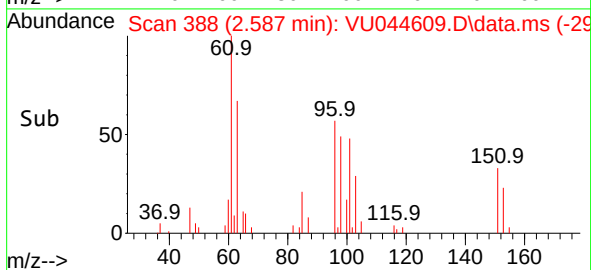
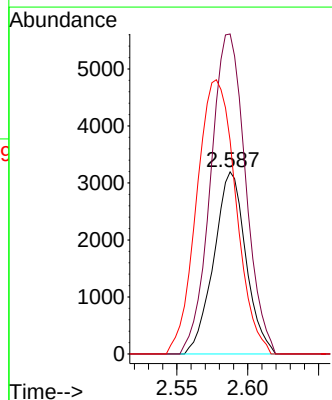
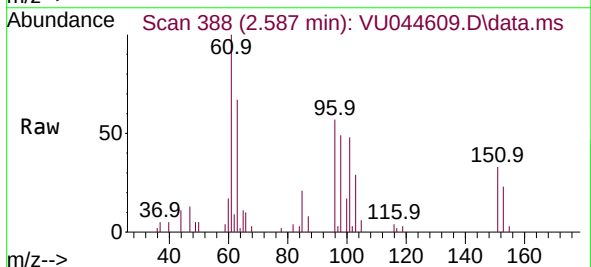
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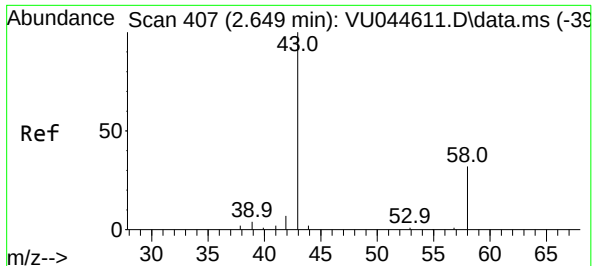
Tgt Ion:101 Resp: 5098
Ion Ratio Lower Upper
101 100
85 45.6 35.4 53.2
151 68.7 53.9 80.9



#12
1,1-Dichloroethene
Concen: 0.444 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 96 Resp: 5016
Ion Ratio Lower Upper
96 100
61 175.7 129.3 240.1
63 117.2 91.3 169.5

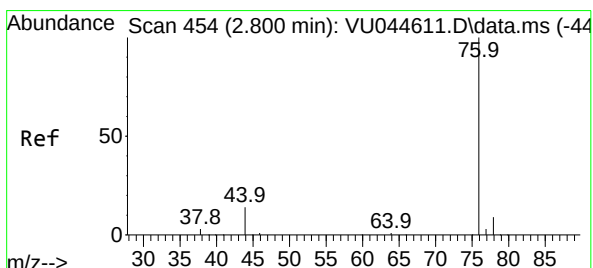
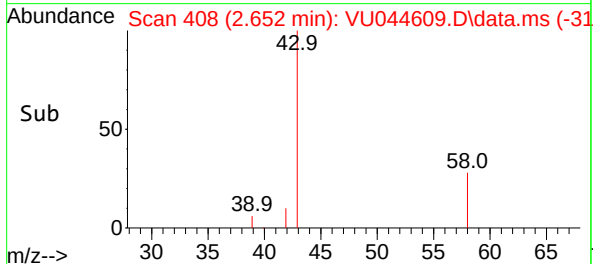
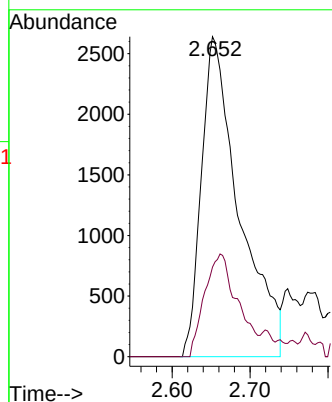
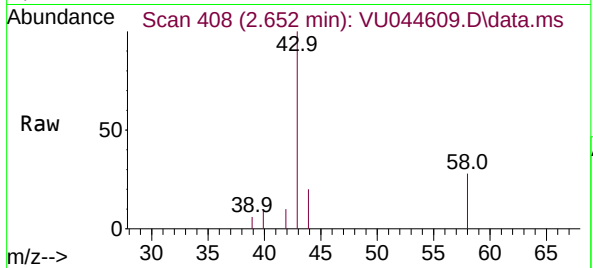




#13
Acetone
Concen: 3.191 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

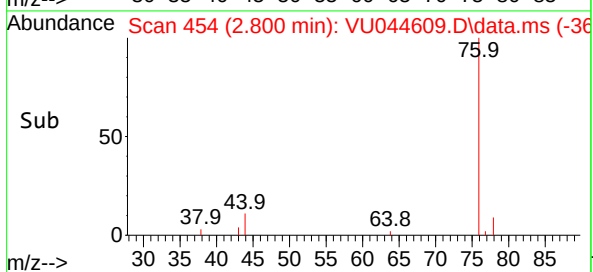
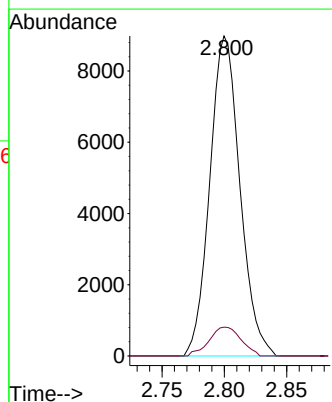
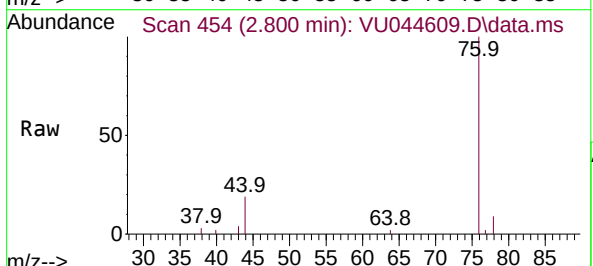
Instrument :
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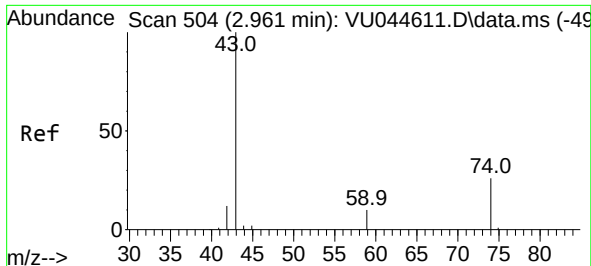
Tgt Ion: 43 Resp: 8894
Ion Ratio Lower Upper
43 100
58 28.0 0.0 42.4



#14
Carbon disulfide
Concen: 0.416 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 76 Resp: 15113
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

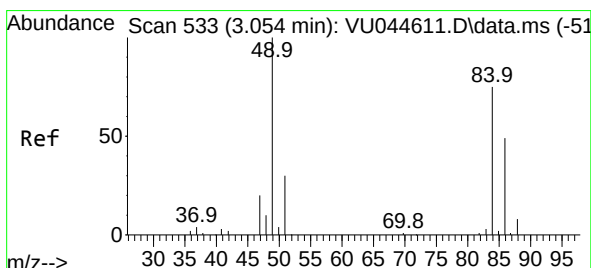
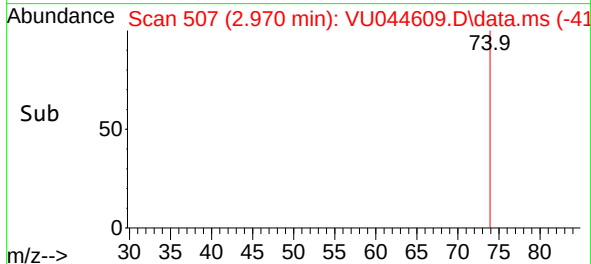
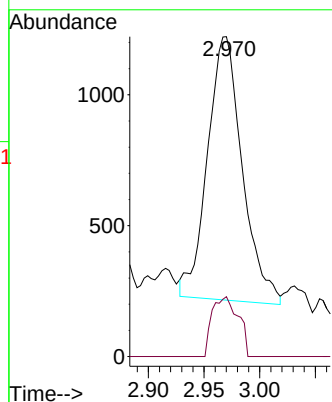
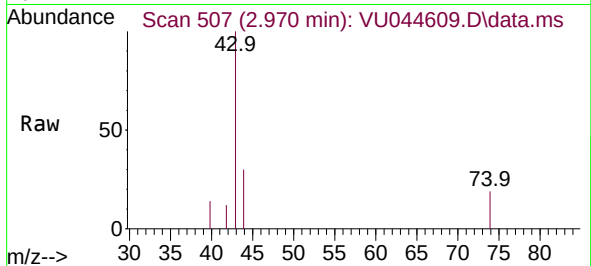




#15
Methyl Acetate
Concen: 0.497 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.009 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

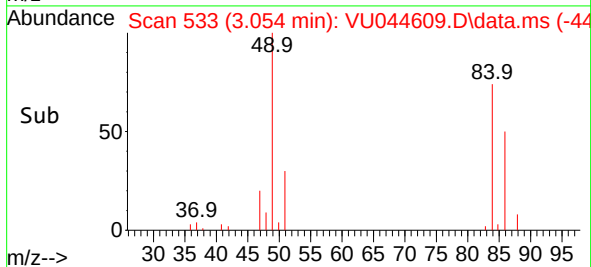
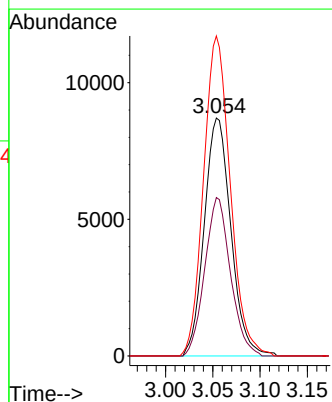
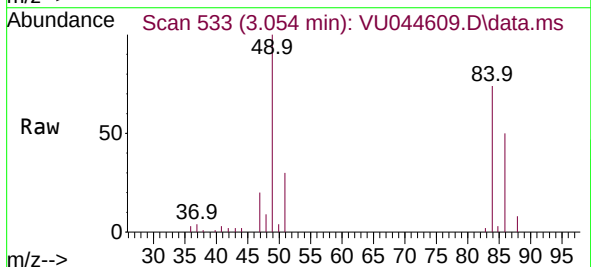
Instrument :
MSVOA_U
ClientSampled :

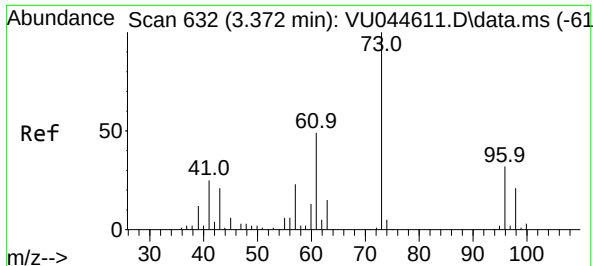
Tgt Ion: 43 Resp: 2186
Ion Ratio Lower Upper
43 100
74 17.1 20.6 30.8#



#16
Methylene chloride
Concen: 0.979 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 84 Resp: 17081
Ion Ratio Lower Upper
84 100
86 66.6 45.8 85.2
49 134.5 92.9 172.5



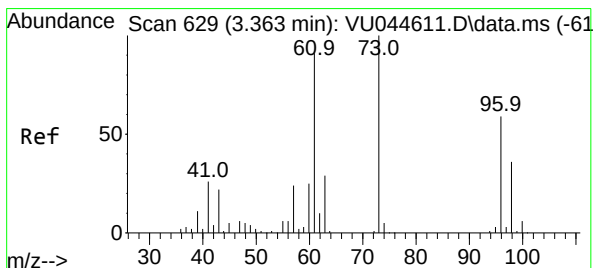
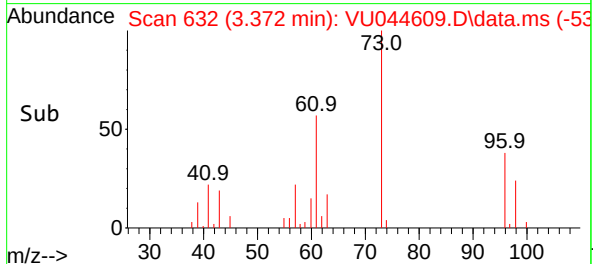
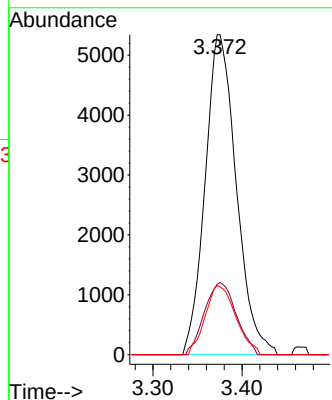
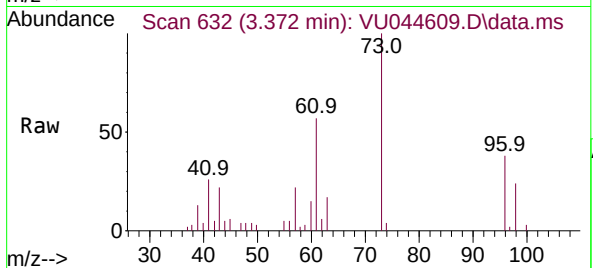


#17

Methyl tert-butyl Ether
Concen: 0.442 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Instrument :
MSVOA_U
ClientSampleId :

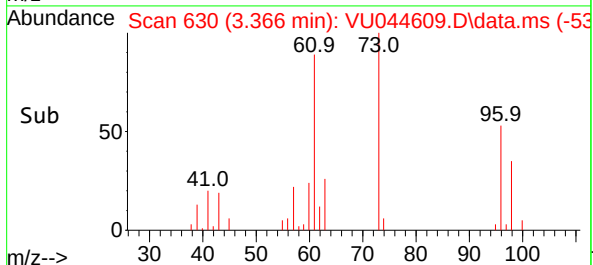
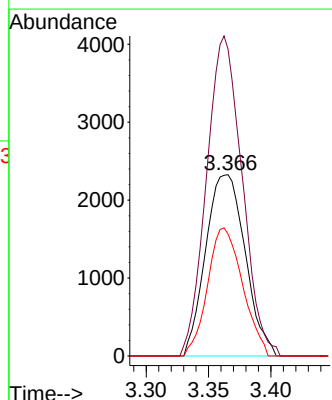
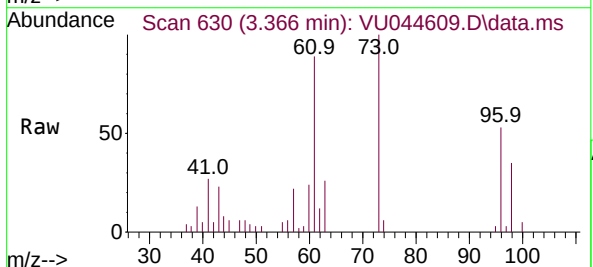
Tgt Ion: 73	Resp: 12982
Ion Ratio	Lower Upper
73 100	
43 23.0	17.8 26.6
57 21.2	18.6 27.8

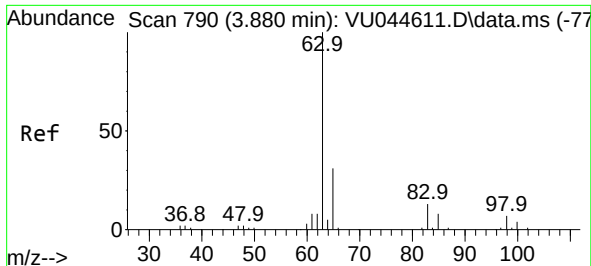


#18

trans-1,2-Dichloroethene
Concen: 0.435 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 96	Resp: 5134		
Ion Ratio	Lower	Upper	
96 100			
61 169.1	107.2	199.0	
98 67.3	42.8	79.6	





#19

1,1-Dichloroethane

Concen: 0.457 ug/L

RT: 3.883 min Scan# 791

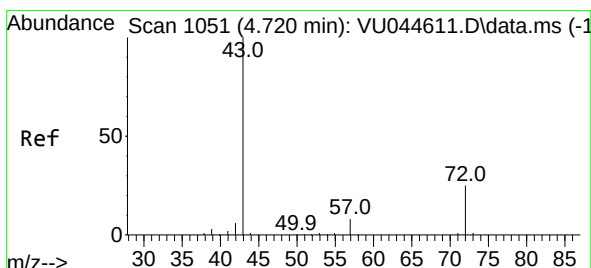
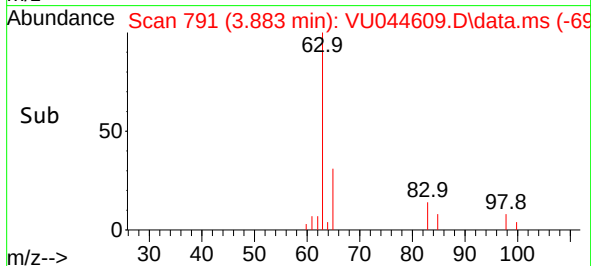
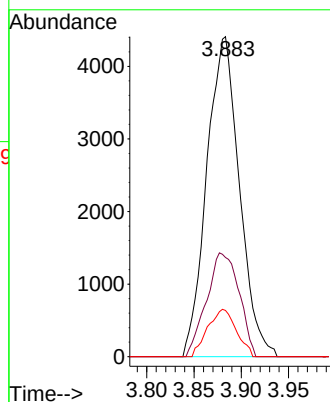
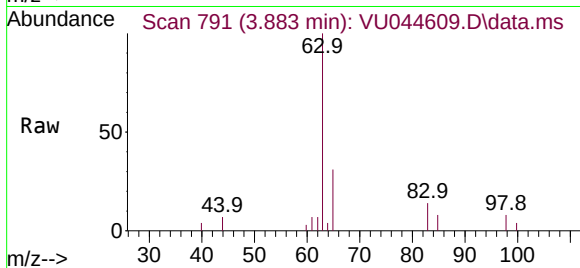
Delta R.T. 0.003 min

Lab File: VU044609.D

Acq: 09 Sep 2021 12:38

Tgt Ion:	63	Resp:	10583
Ion	Ratio	Lower	Upper
63	100		
65	31.0	21.8	40.6
83	14.5	8.8	16.3

Instrument :
MSVOA_U
ClientSampled :



#21

2-Butanone

Concen: 3.174 ug/L

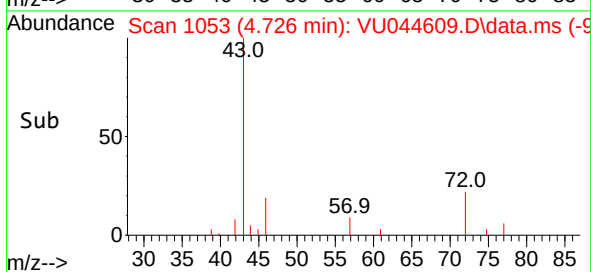
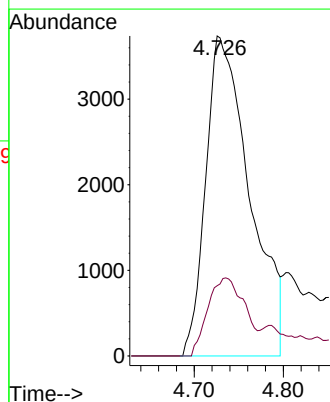
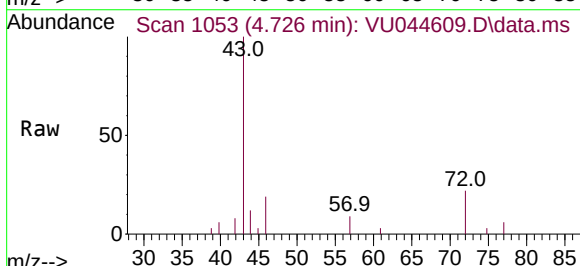
RT: 4.726 min Scan# 1053

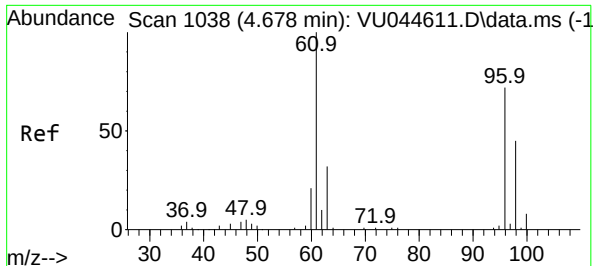
Delta R.T. 0.006 min

Lab File: VU044609.D

Acq: 09 Sep 2021 12:38

Tgt Ion:	43	Resp:	12803
Ion	Ratio	Lower	Upper
43	100		
72	20.6	9.2	27.4

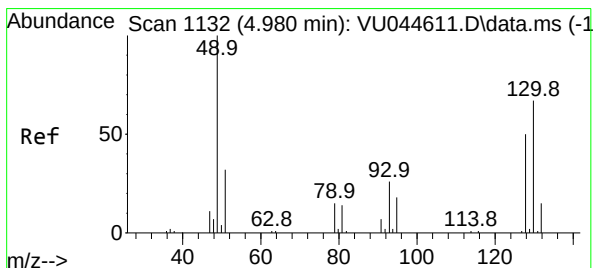
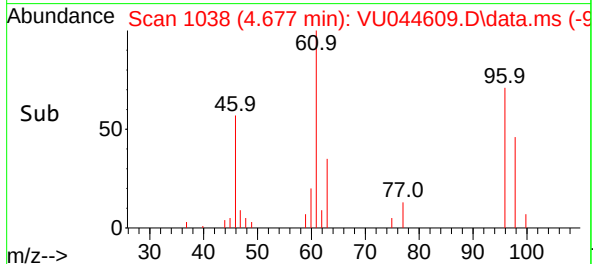
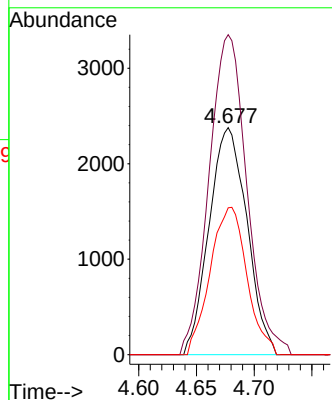
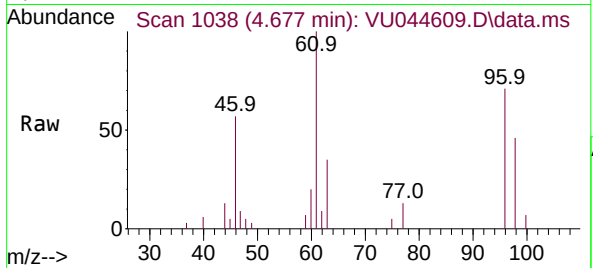




#22
 cis-1,2-Dichloroethene
 Concen: 0.430 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU044609.D
 Acq: 09 Sep 2021 12:38

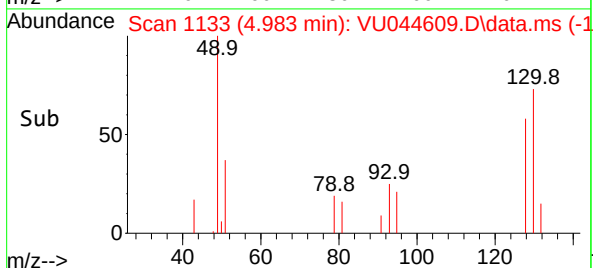
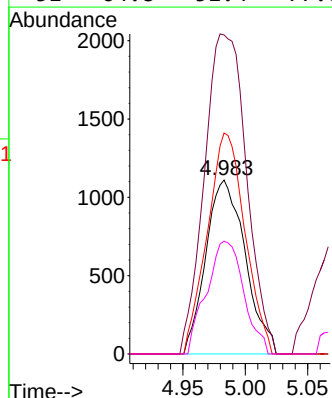
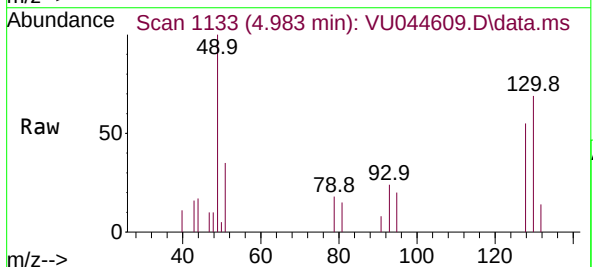
Instrument :
 MSVOA_U
 ClientSampled :

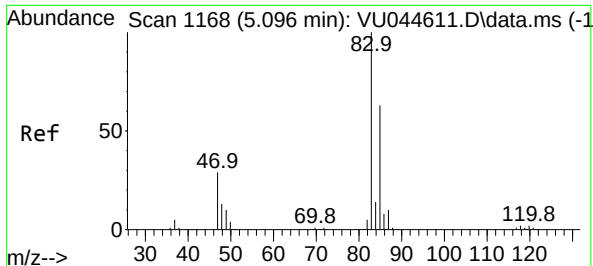
Tgt Ion: 96 Resp: 5420
 Ion Ratio Lower Upper
 96 100
 61 140.9 96.9 179.9
 98 64.7 43.5 80.7



#23
 Bromochloromethane
 Concen: 0.445 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU044609.D
 Acq: 09 Sep 2021 12:38

Tgt Ion: 128 Resp: 2441
 Ion Ratio Lower Upper
 128 100
 49 183.3 141.4 262.6
 130 127.0 94.3 175.1
 51 64.8 51.4 77.0





#25

Chloroform

Concen: 0.504 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU044609.D

Acq: 09 Sep 2021 12:38

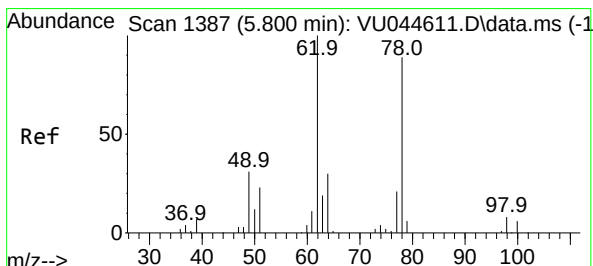
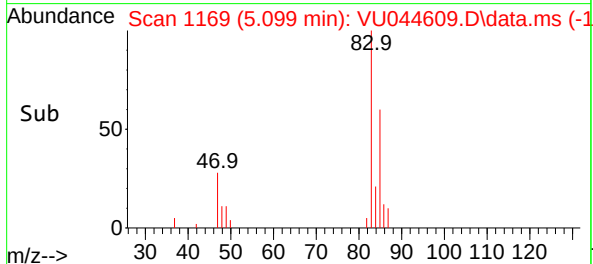
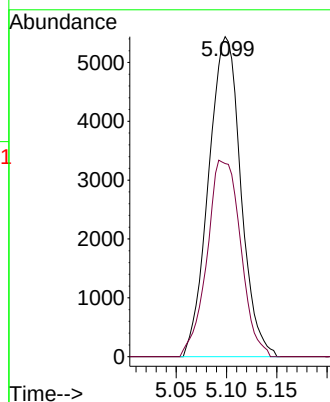
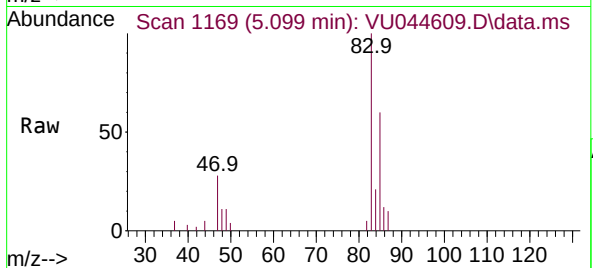
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 83 Resp: 12136

Ion Ratio Lower Upper

83 100

85 60.4 44.2 82.0



#27

1,2-Dichloroethane

Concen: 0.479 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU044609.D

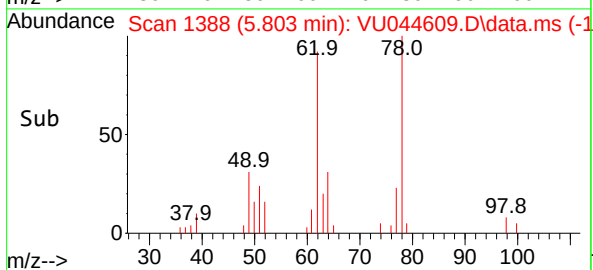
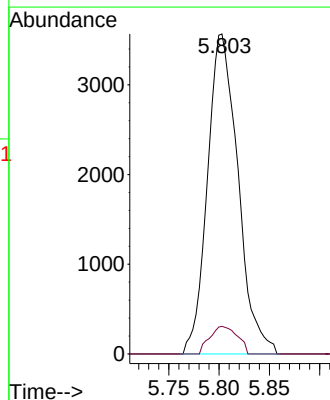
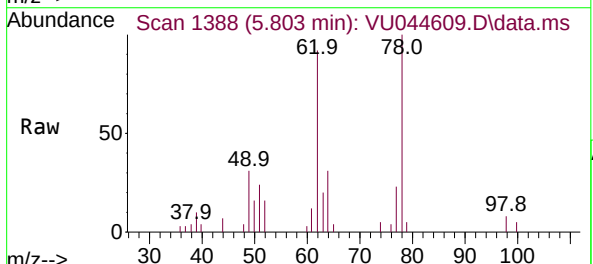
Acq: 09 Sep 2021 12:38

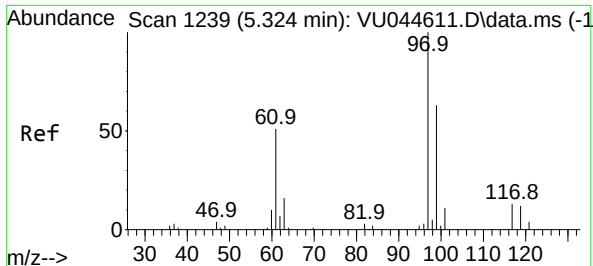
Tgt Ion: 62 Resp: 7535

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 0.456 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.003 min

Lab File: VU044609.D

Acq: 09 Sep 2021 12:38

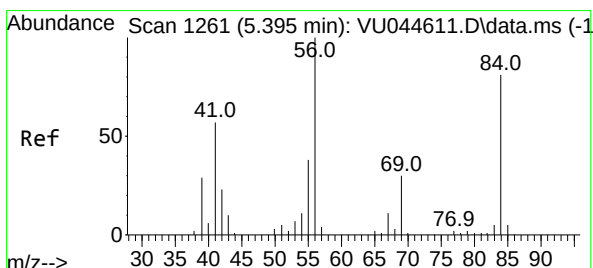
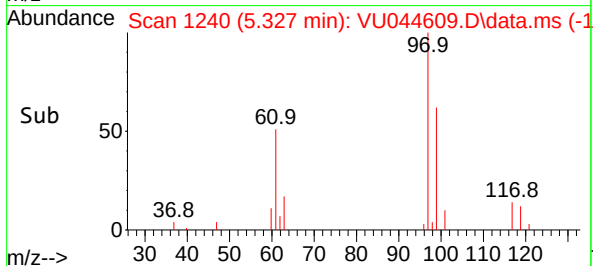
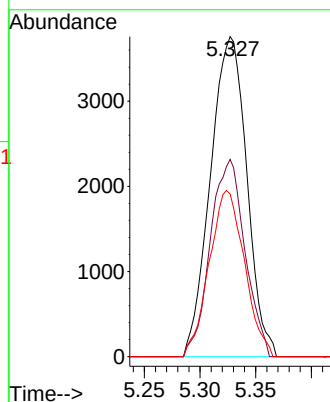
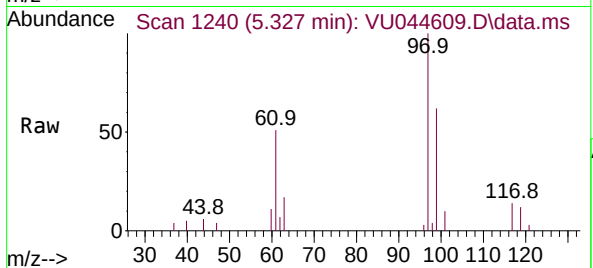
Tgt Ion: 97 Resp: 8532

Ion Ratio Lower Upper

97 100

99 58.7 50.7 76.1

61 50.5 40.6 60.8



#30

Cyclohexane

Concen: 0.420 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.003 min

Lab File: VU044609.D

Acq: 09 Sep 2021 12:38

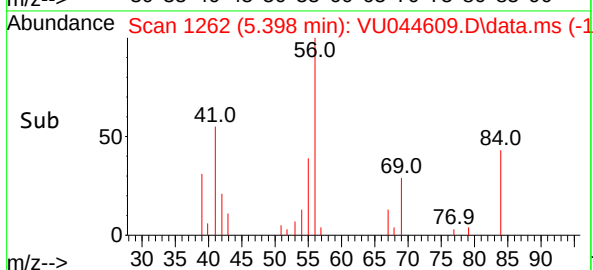
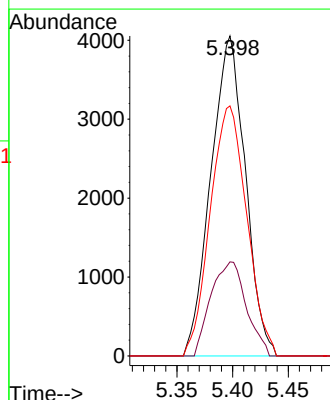
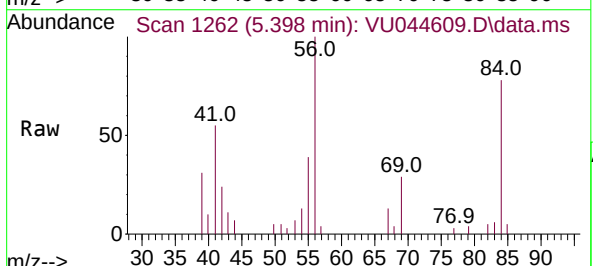
Tgt Ion: 56 Resp: 8730

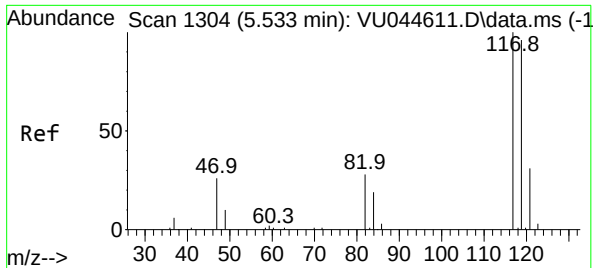
Ion Ratio Lower Upper

56 100

69 30.2 23.4 35.2

84 82.6 65.5 98.3

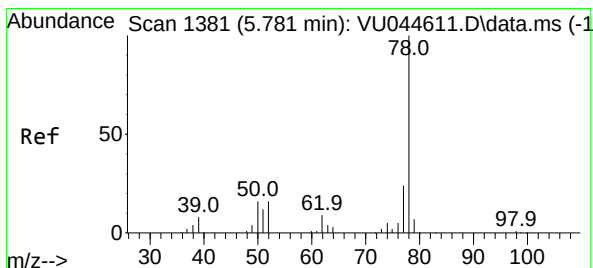
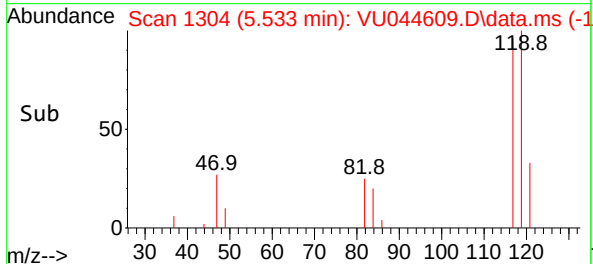
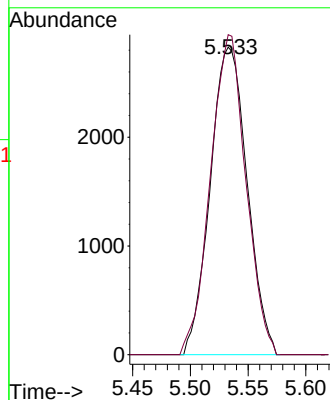
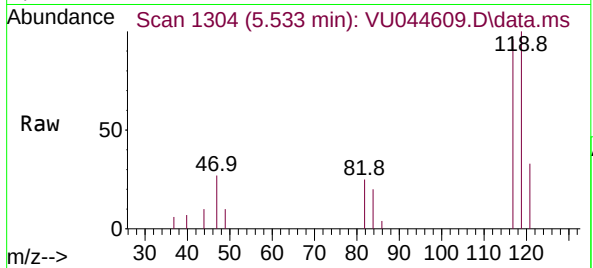




#31
Carbon tetrachloride
Concen: 0.413 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

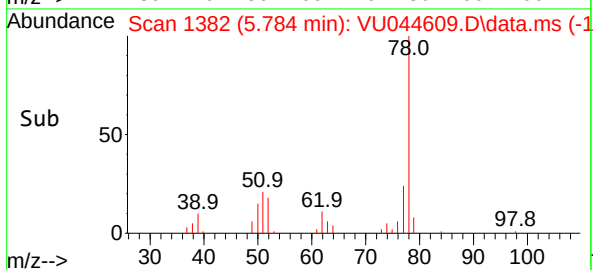
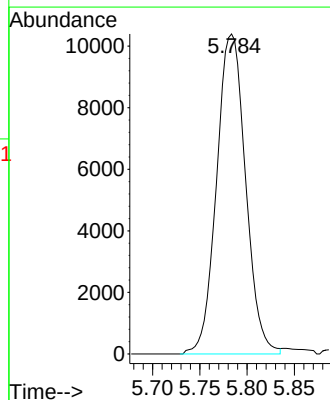
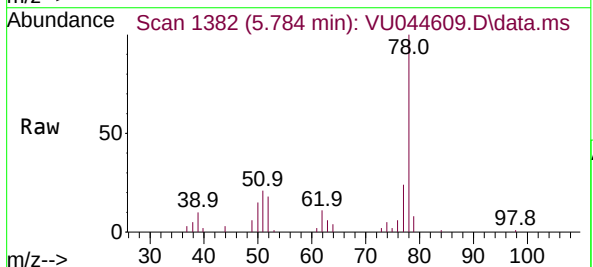
Instrument :
MSVOA_U
ClientSampled :

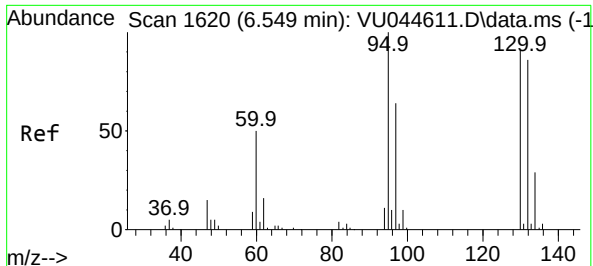
Tgt Ion:117 Resp: 6302
Ion Ratio Lower Upper
117 100
119 99.8 76.4 114.6



#33
Benzene
Concen: 0.436 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 78 Resp: 22197



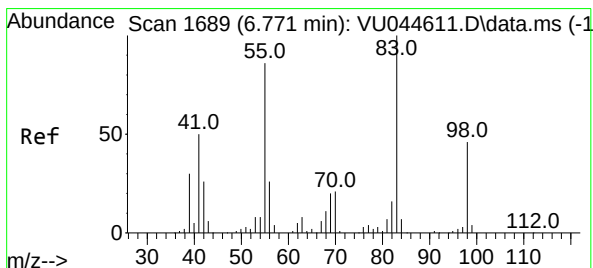
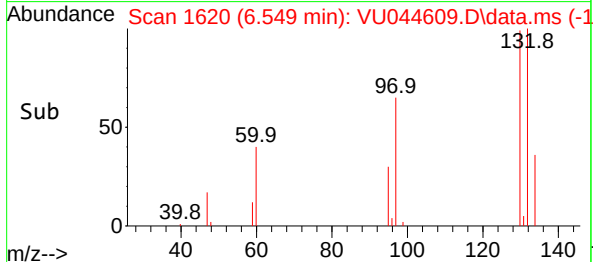
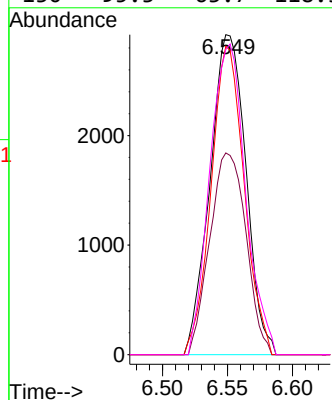
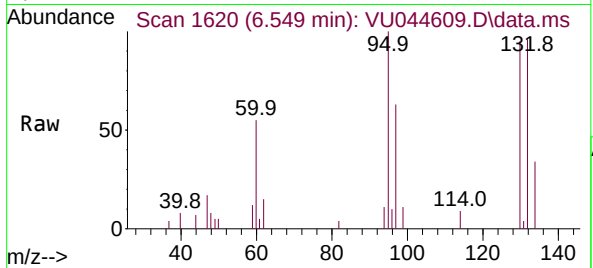


#34
Trichloroethene
Concen: 0.445 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 5614

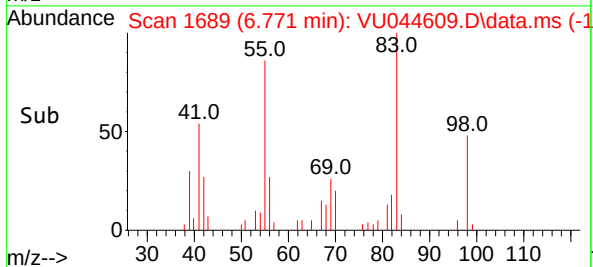
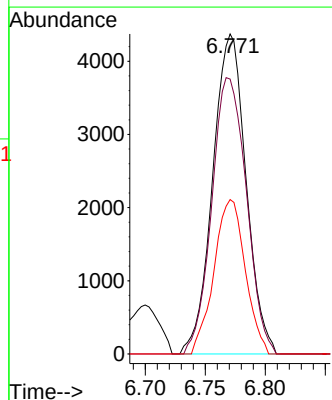
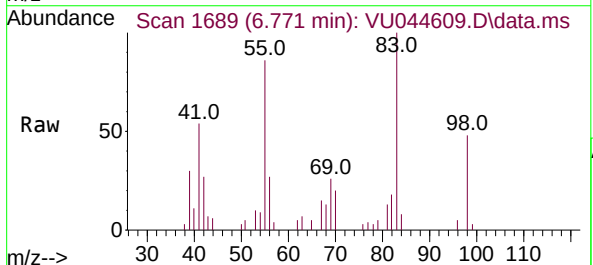
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.7	82.9
132	96.3	60.3	111.9
130	95.3	63.7	118.3

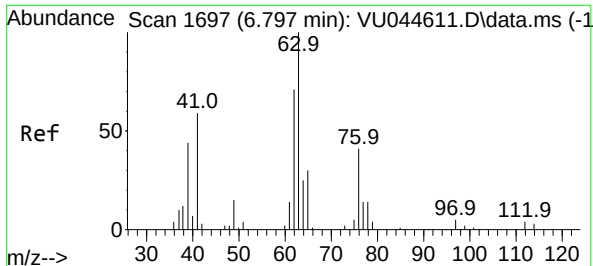


#35
Methylcyclohexane
Concen: 0.405 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 83 Resp: 8450

Ion	Ratio	Lower	Upper
83	100		
55	89.7	68.3	102.5
98	45.3	37.3	55.9



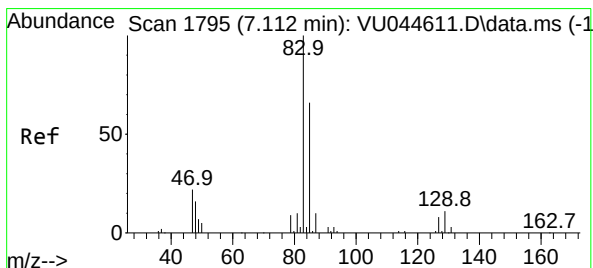
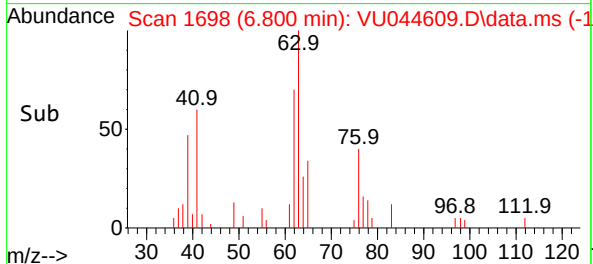
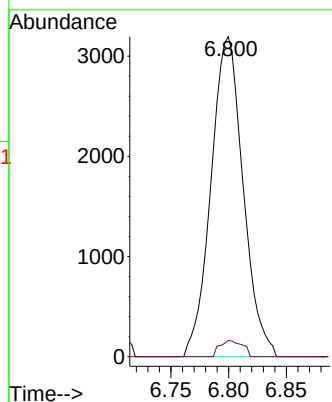
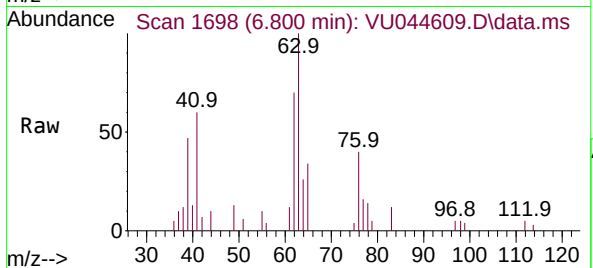


#37

1,2-Dichloropropane
Concen: 0.462 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Instrument :
MSVOA_U
ClientSampled :

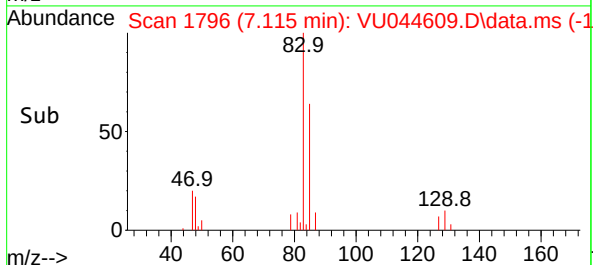
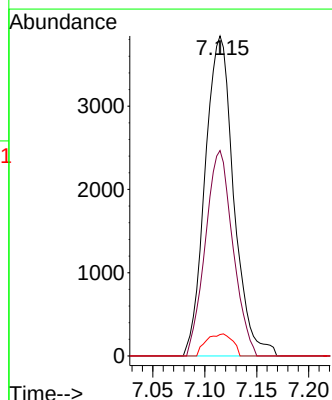
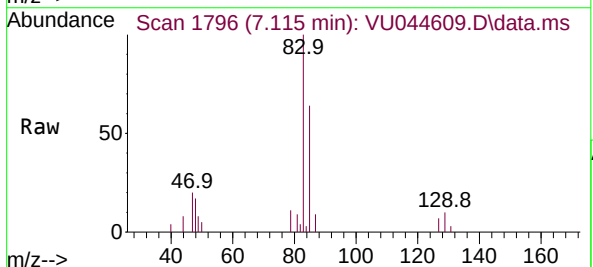
Tgt Ion: 63 Resp: 6174
Ion Ratio Lower Upper
63 100
112 3.6 3.1 4.7

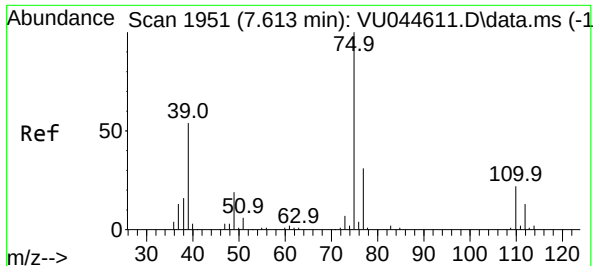


#38

Bromodichloromethane
Concen: 0.452 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 83 Resp: 7372
Ion Ratio Lower Upper
83 100
85 64.2 46.3 86.1
127 6.7 6.0 9.0



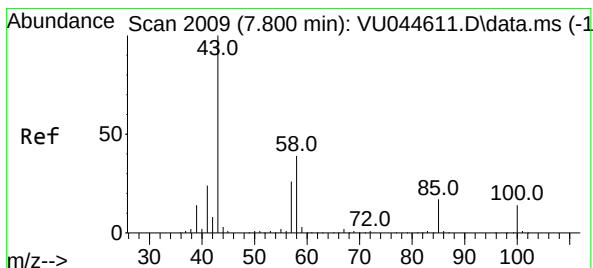
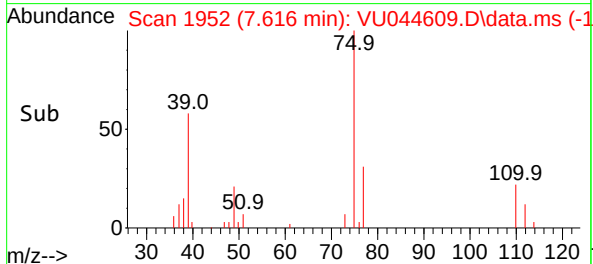
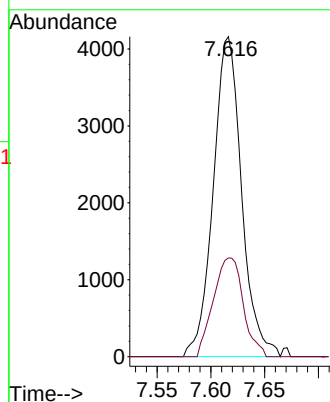
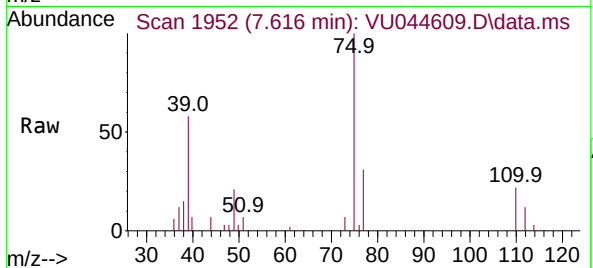


#39

cis-1,3-Dichloropropene
Concen: 0.407 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Instrument :
MSVOA_U
ClientSampled :

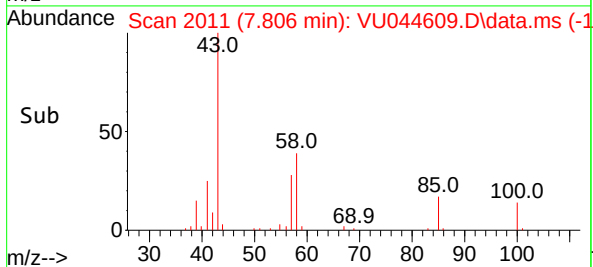
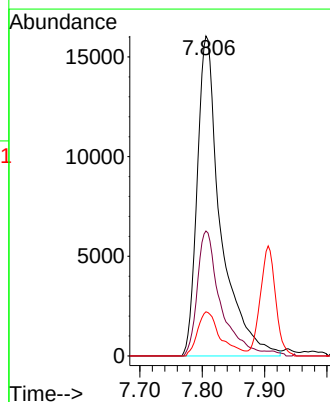
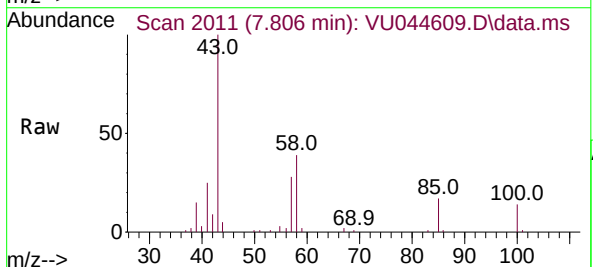
Tgt Ion: 75 Resp: 7628
Ion Ratio Lower Upper
75 100
77 30.9 21.5 39.9

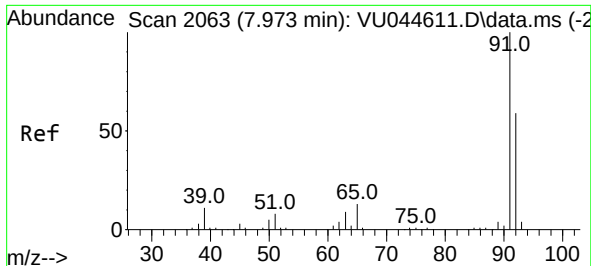


#40

4-Methyl-2-pentanone
Concen: 4.508 ug/L
RT: 7.806 min Scan# 2011
Delta R.T. 0.006 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 43 Resp: 41840
Ion Ratio Lower Upper
43 100
58 38.9 31.2 46.8
100 13.6 11.4 17.0

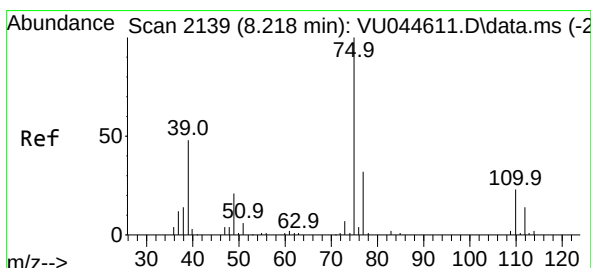
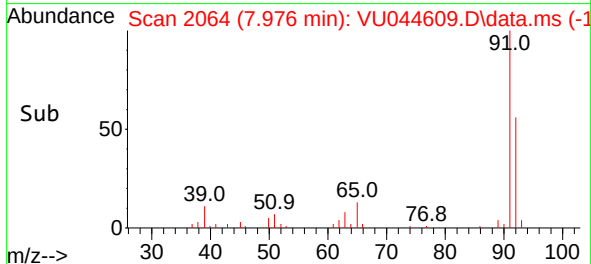
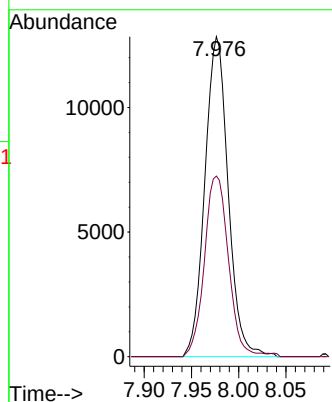
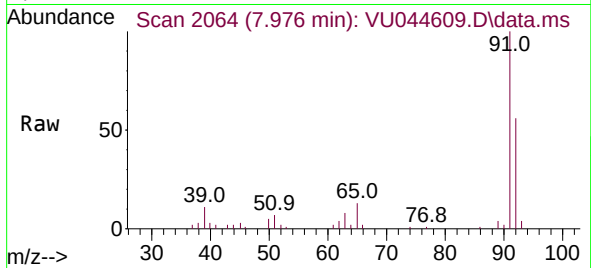




#42
Toluene
Concen: 0.414 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

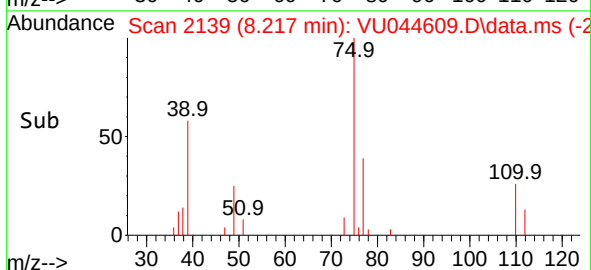
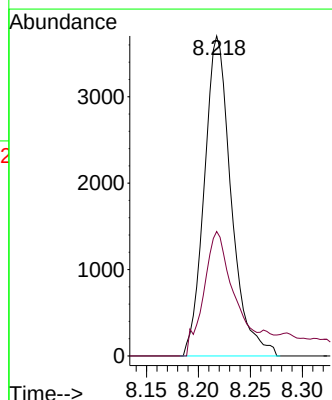
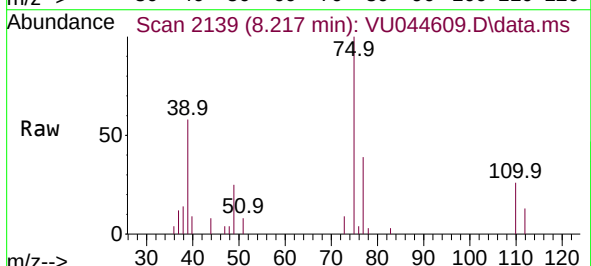
Instrument :
MSVOA_U
ClientSampled :

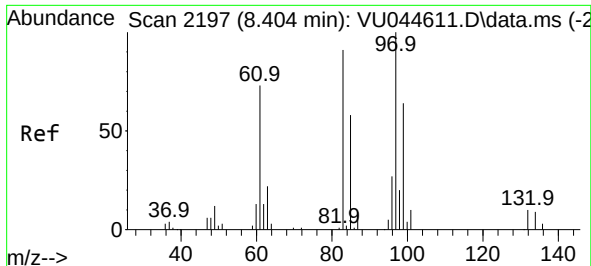
Tgt Ion: 91 Resp: 22032
Ion Ratio Lower Upper
91 100
92 56.5 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 0.418 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 75 Resp: 6663
Ion Ratio Lower Upper
75 100
77 38.9 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 0.449 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. 0.003 min

Lab File: VU044609.D

Acq: 09 Sep 2021 12:38

Tgt Ion: 97 Resp: 4267

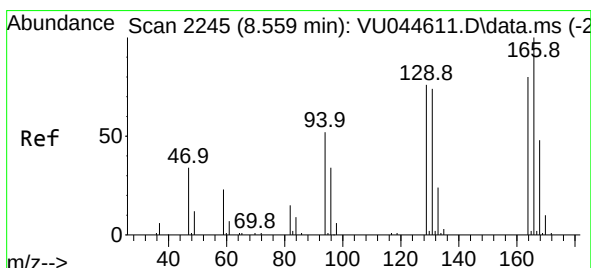
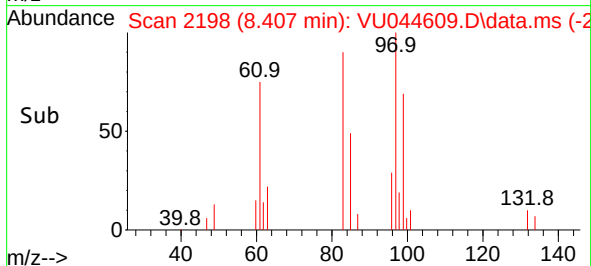
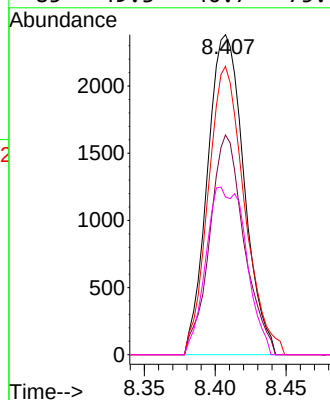
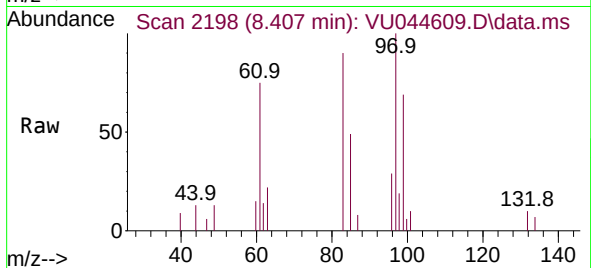
Ion Ratio Lower Upper

97 100

99 68.6 44.8 83.2

83 90.1 63.6 118.0

85 49.3 40.7 75.7



#47

Tetrachloroethene

Concen: 0.462 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044609.D

Acq: 09 Sep 2021 12:38

Tgt Ion: 164 Resp: 4044

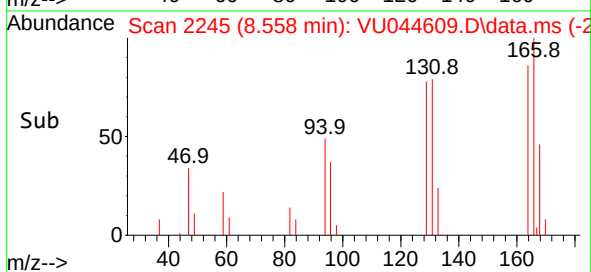
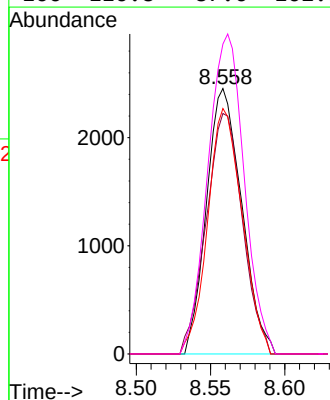
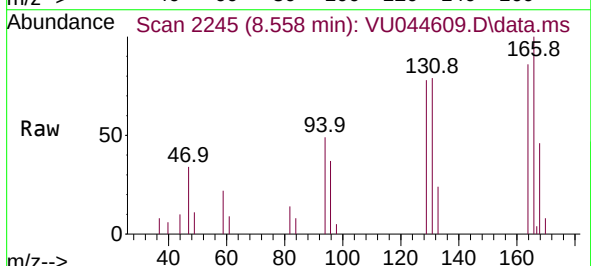
Ion Ratio Lower Upper

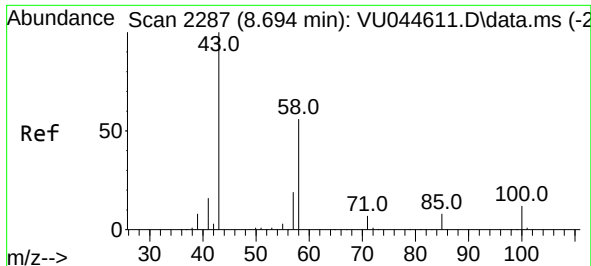
164 100

129 90.6 67.0 124.4

131 92.5 65.2 121.0

166 116.8 87.6 162.8

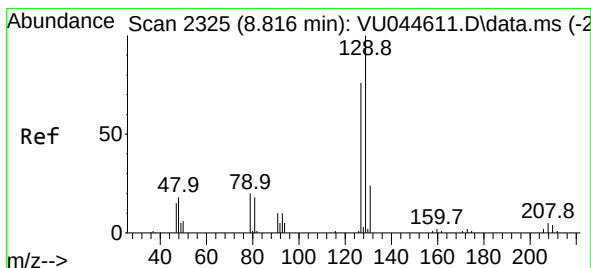
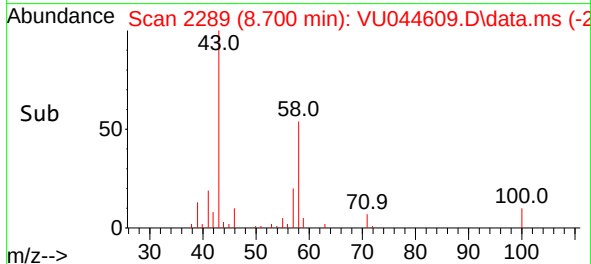
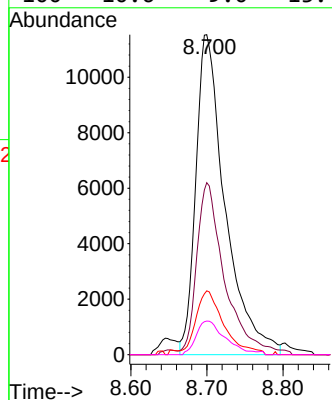
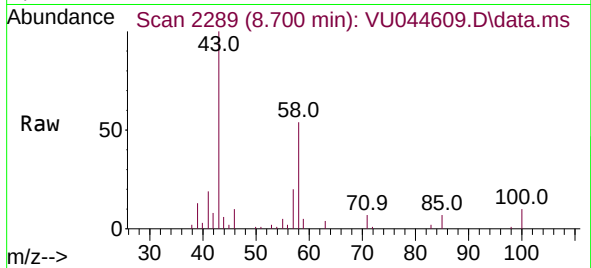




#48
2-Hexanone
Concen: 4.623 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

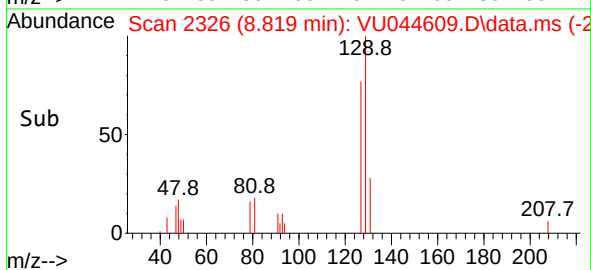
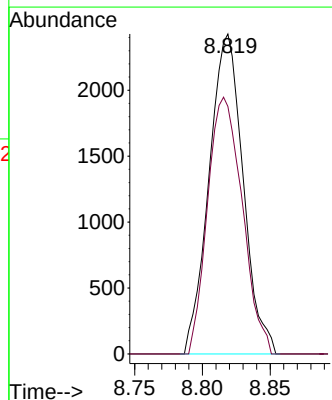
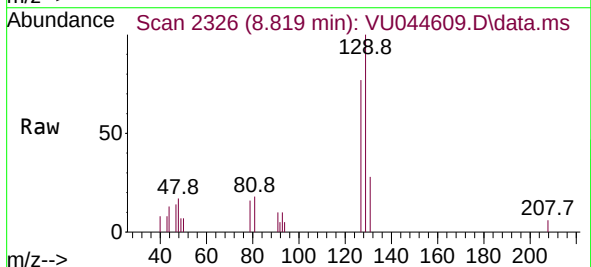
Instrument :
MSVOA_U
ClientSampled :

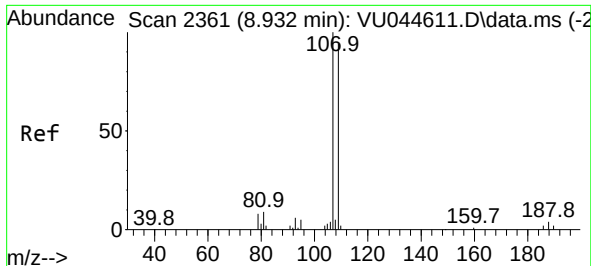
Tgt Ion:	43	Resp:	30916
Ion	Ratio	Lower	Upper
43	100		
58	51.3	44.6	66.8
57	19.1	14.8	22.2
100	10.6	9.0	13.4



#49
Dibromochloromethane
Concen: 0.423 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

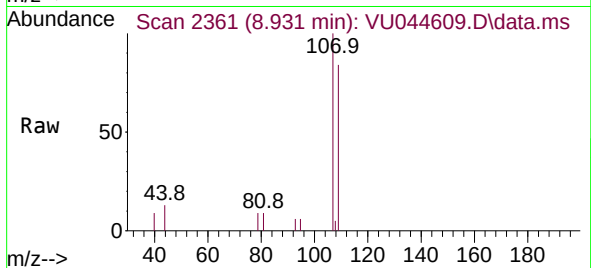
Tgt Ion:	129	Resp:	4237
Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.3	99.1



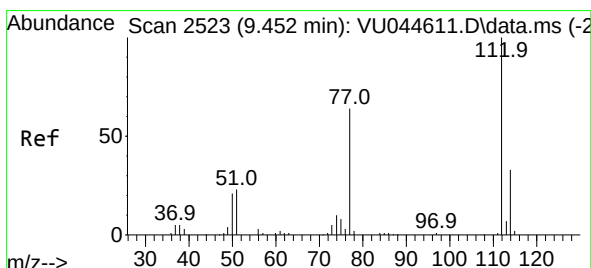
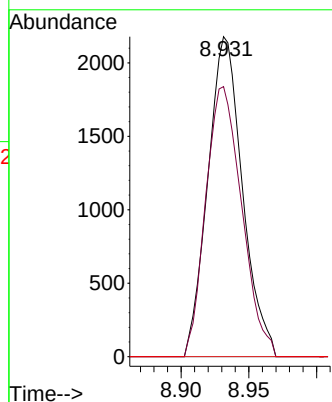
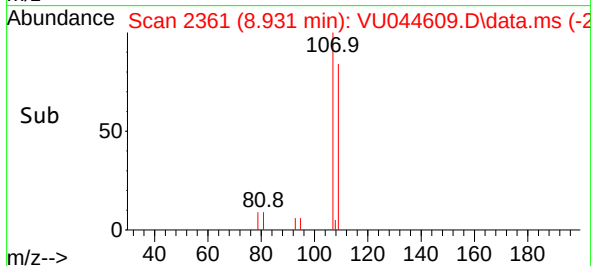


#50
1,2-Dibromoethane
Concen: 0.426 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

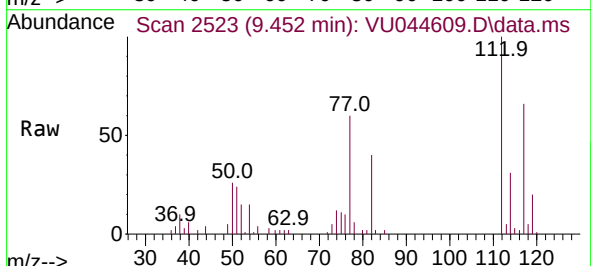
Instrument :
MSVOA_U
ClientSampled :



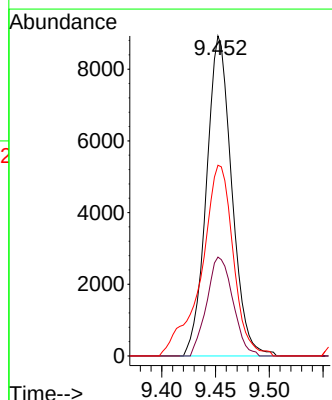
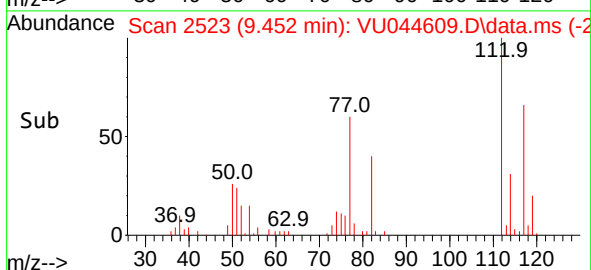
Tgt Ion:107 Resp: 3869
Ion Ratio Lower Upper
107 100
109 84.4 65.5 121.7
188 0.0 3.0 4.4#

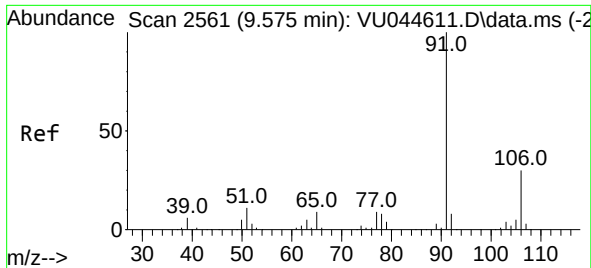


#51
Chlorobenzene
Concen: 0.451 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38



Tgt Ion:112 Resp: 14649
Ion Ratio Lower Upper
112 100
114 30.9 22.8 42.4
77 59.6 51.4 77.0

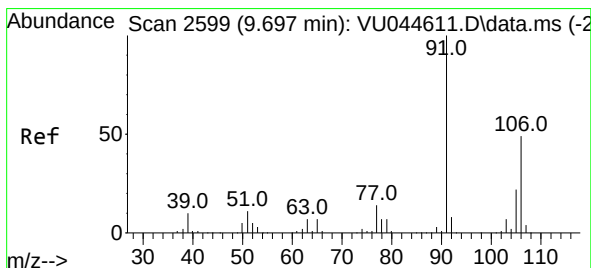
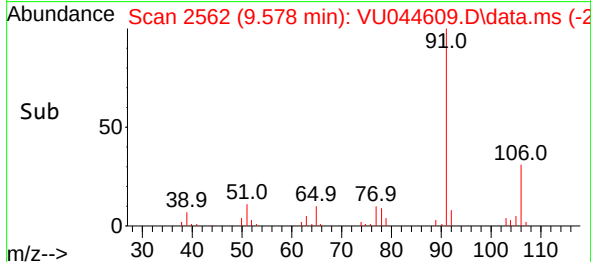
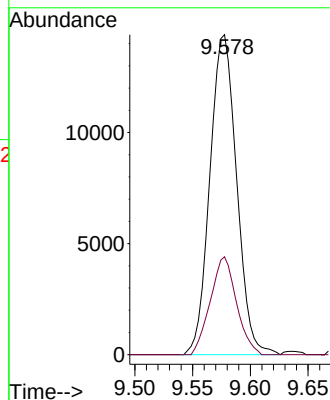
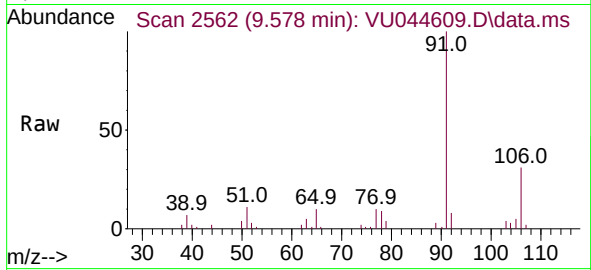




#52
Ethylbenzene
Concen: 0.414 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

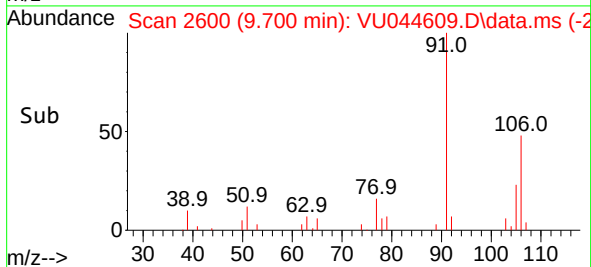
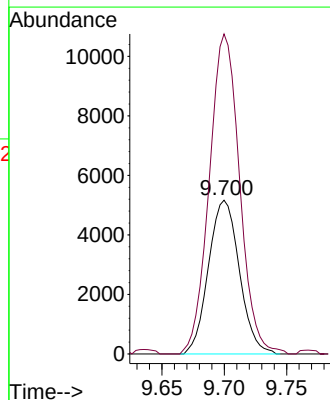
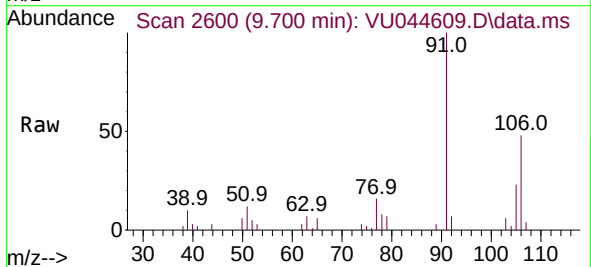
Instrument :
MSVOA_U
ClientSampled :

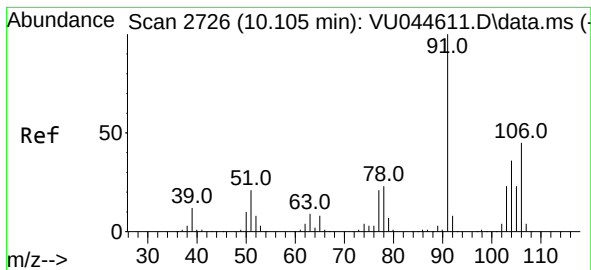
Tgt Ion: 91 Resp: 23238
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.1



#53
m,p-Xylene
Concen: 0.422 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 106 Resp: 8912
Ion Ratio Lower Upper
106 100
91 208.1 144.6 268.6

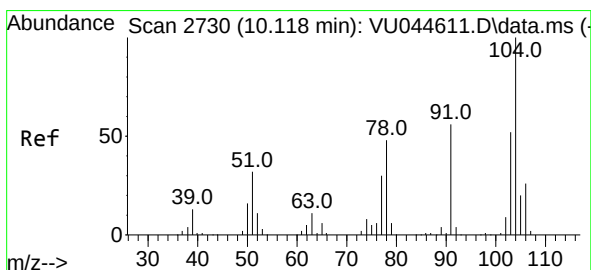
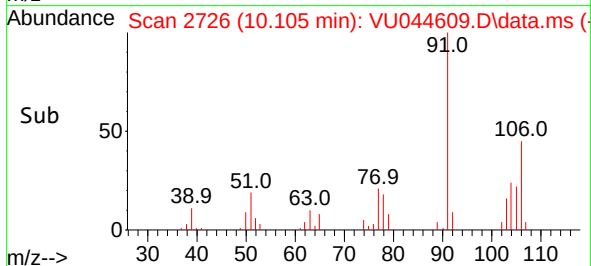
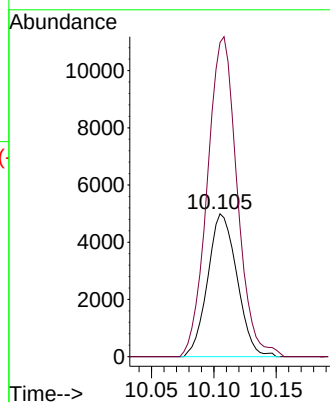
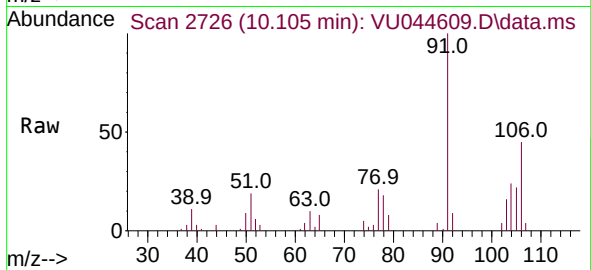




#54
o-Xylene
Concen: 0.400 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

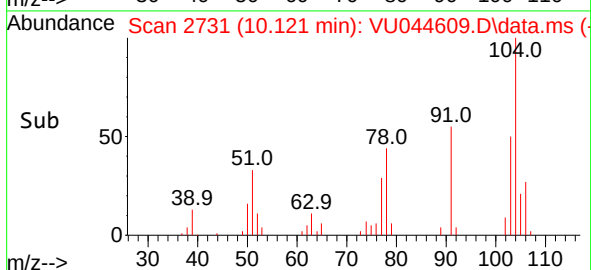
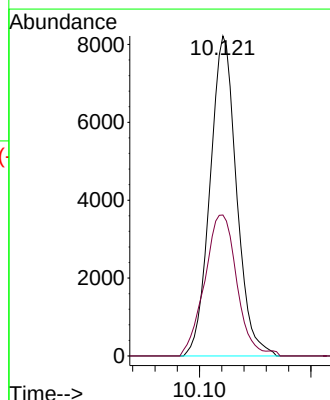
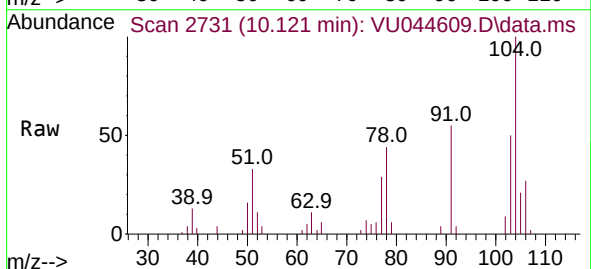
Instrument :
MSVOA_U
ClientSampled :

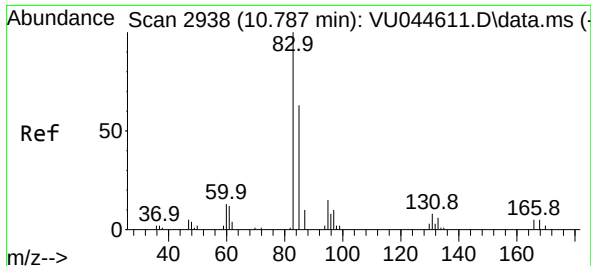
Tgt Ion:106 Resp: 8172
Ion Ratio Lower Upper
106 100
91 220.0 156.2 290.0



#55
Styrene
Concen: 0.396 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion:104 Resp: 13560
Ion Ratio Lower Upper
104 100
78 44.0 33.6 62.4

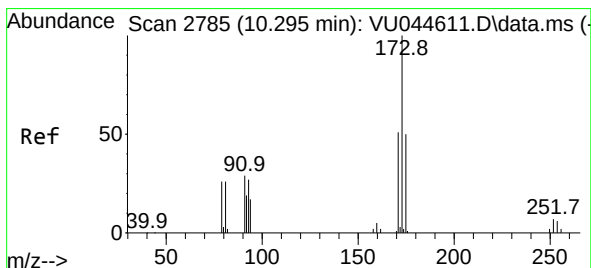
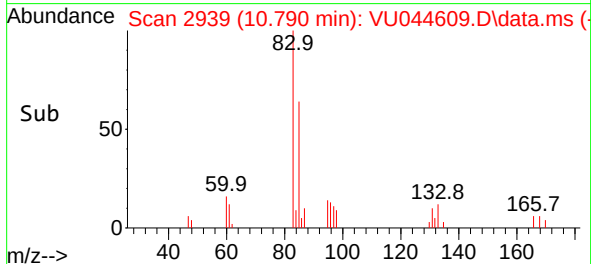
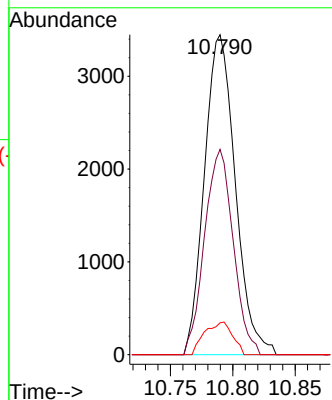
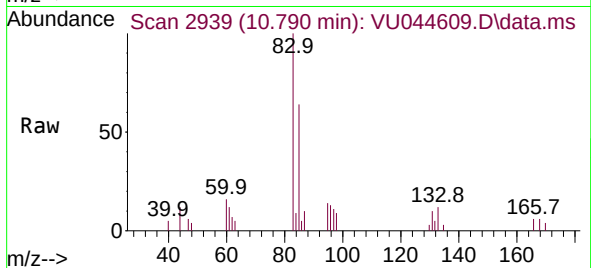




#57
1,1,2,2-Tetrachloroethane
Concen: 0.476 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

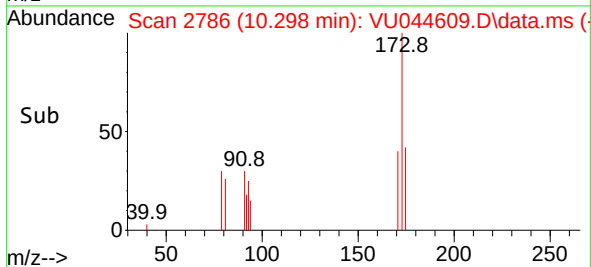
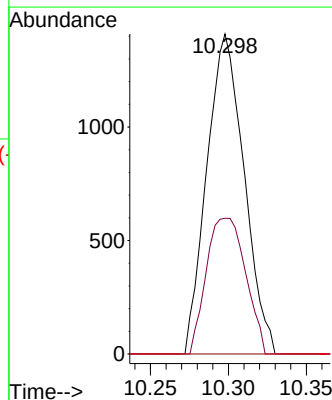
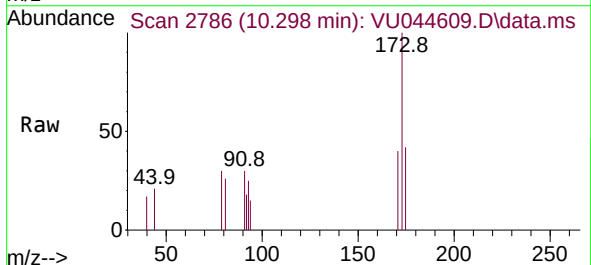
Instrument :
MSVOA_U
ClientSampled :

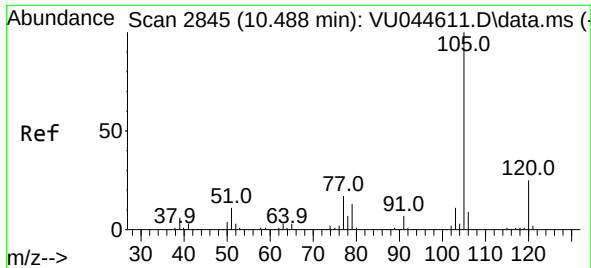
Tgt Ion: 83 Resp: 5947
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7
131 10.0 6.6 10.0#



#59
Bromoform
Concen: 0.452 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion:173 Resp: 2341
Ion Ratio Lower Upper
173 100
175 44.7 38.8 58.2
254 0.0 4.9 7.3#

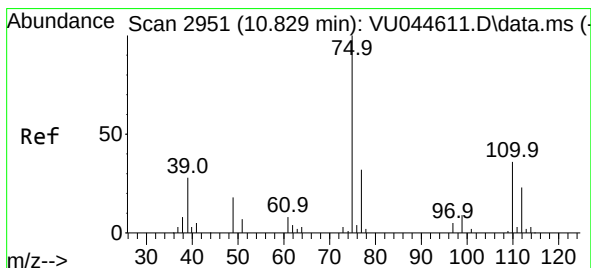
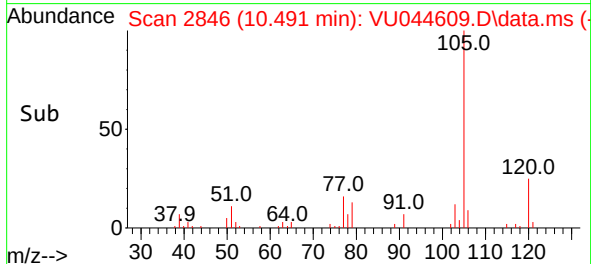
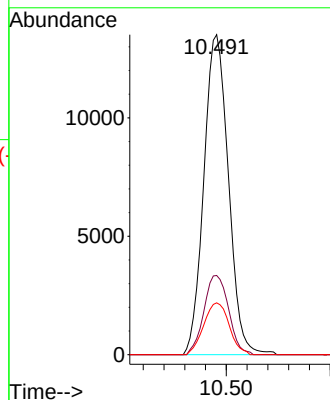
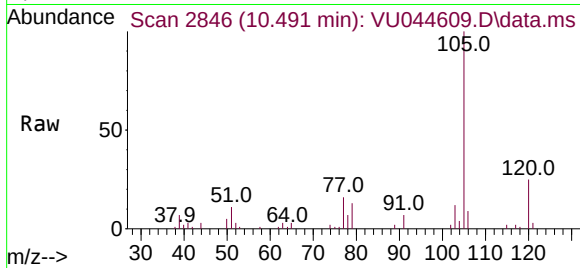




#60
Isopropylbenzene
Concen: 0.416 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

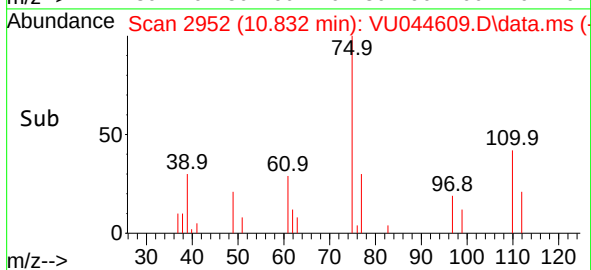
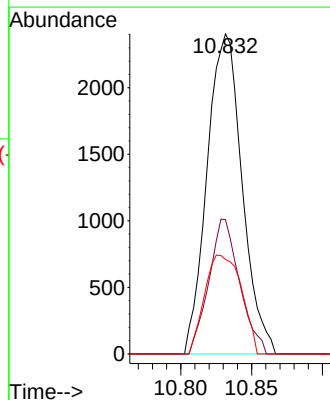
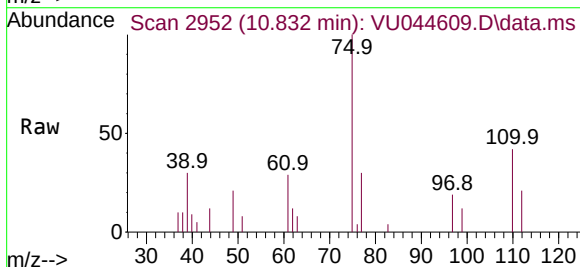
Instrument :
MSVOA_U
ClientSampled :

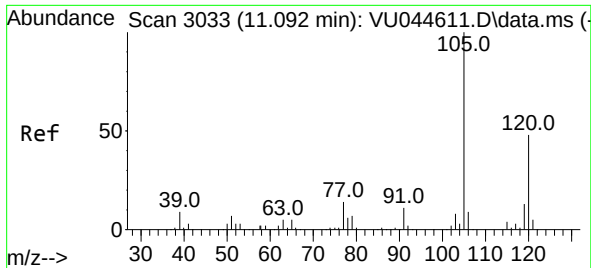
Tgt Ion:105 Resp: 22182
Ion Ratio Lower Upper
105 100
120 24.9 20.2 30.2
77 16.8 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 0.448 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion: 75 Resp: 4134
Ion Ratio Lower Upper
75 100
110 36.9 28.8 43.2
77 32.4 25.9 38.9

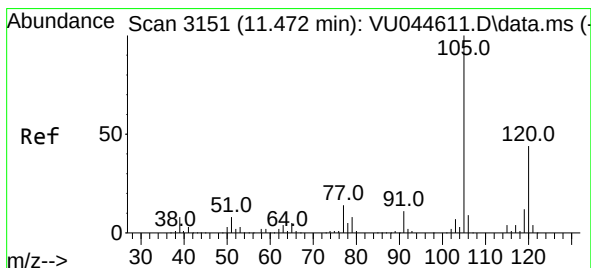
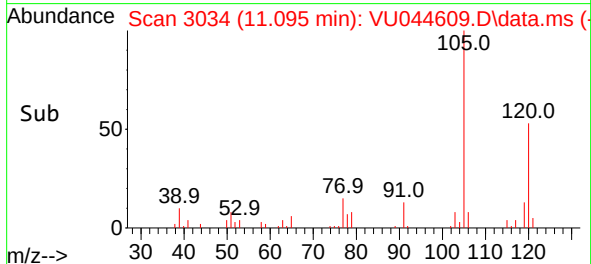
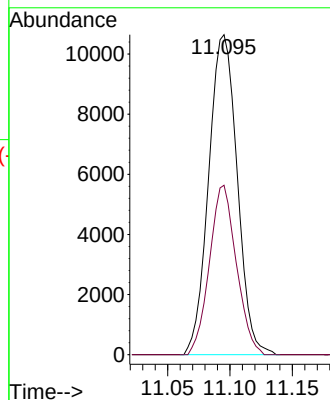
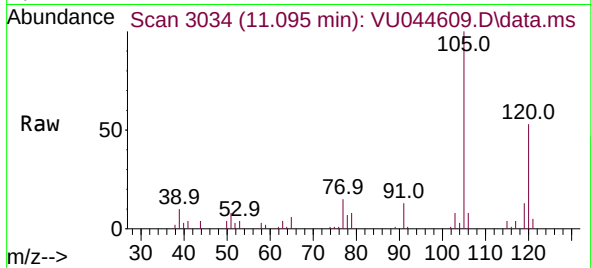




#62
1,3,5-Trimethylbenzene
Concen: 0.389 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

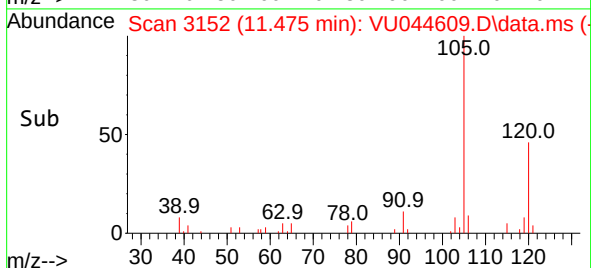
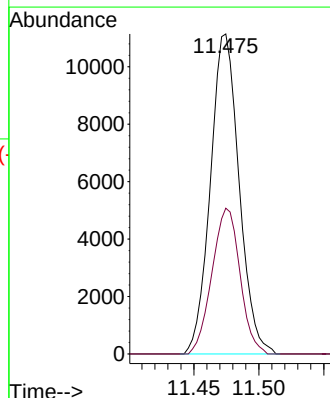
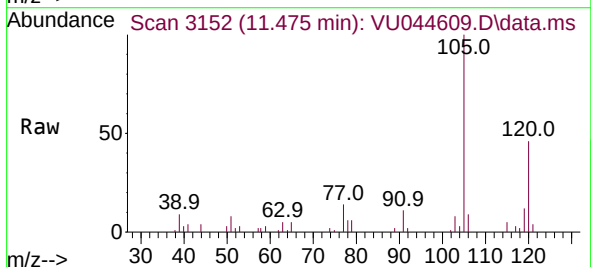
Instrument :
MSVOA_U
ClientSampled :

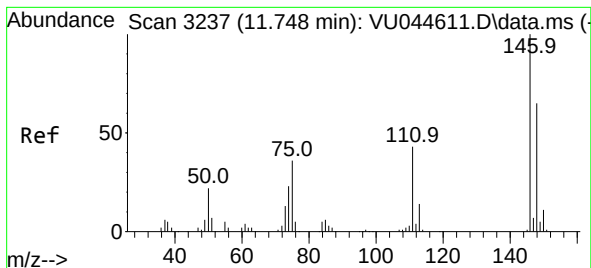
Tgt Ion:105 Resp: 16974
Ion Ratio Lower Upper
105 100
120 49.8 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 0.382 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion:105 Resp: 17102
Ion Ratio Lower Upper
105 100
120 44.4 35.4 53.2

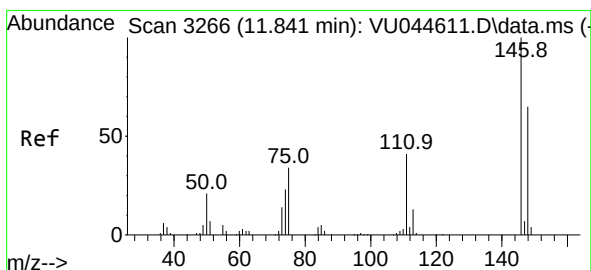
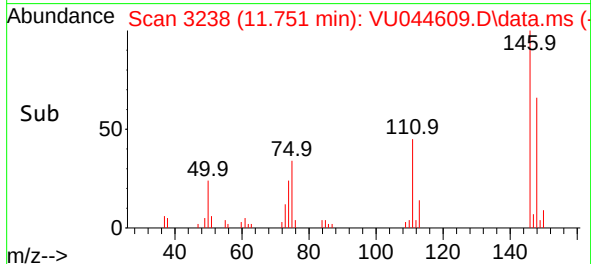
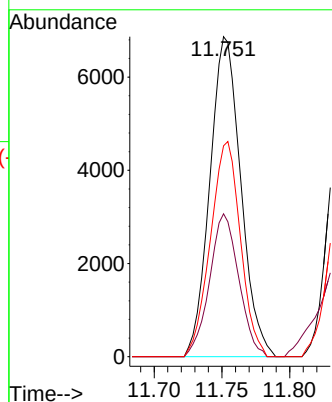
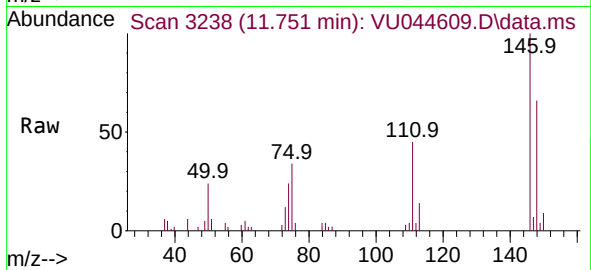




#64
1,3-Dichlorobenzene
Concen: 0.462 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

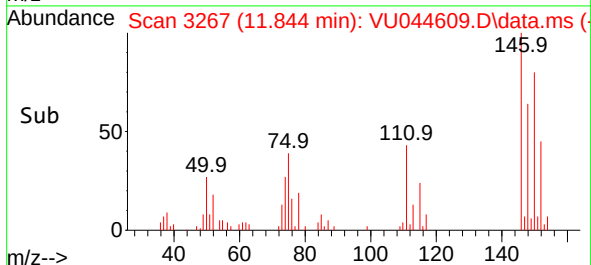
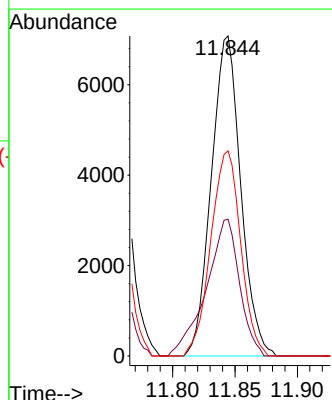
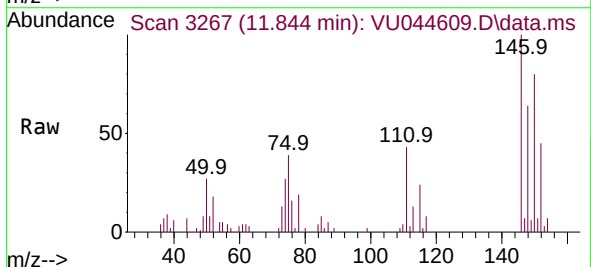
Instrument :
MSVOA_U
ClientSampled :

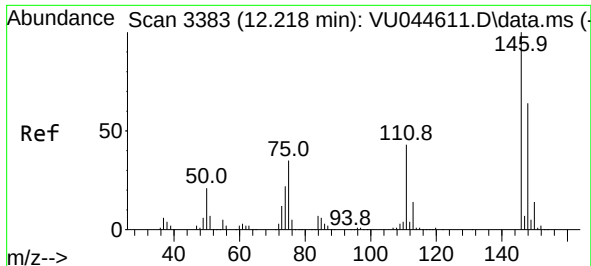
Tgt Ion:146 Resp: 10899
Ion Ratio Lower Upper
146 100
111 44.6 29.8 55.4
148 65.9 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 0.486 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion:146 Resp: 11639
Ion Ratio Lower Upper
146 100
111 42.7 28.7 53.3
148 64.1 45.4 84.4

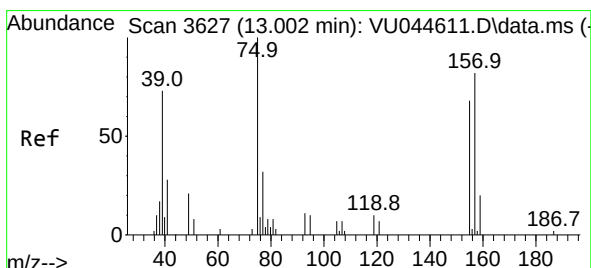
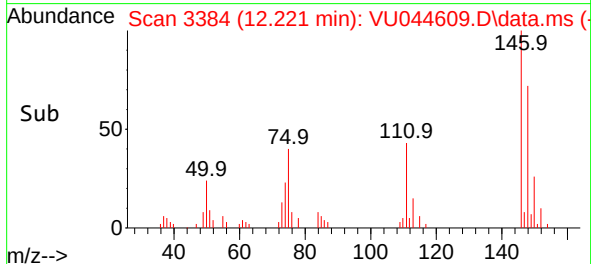
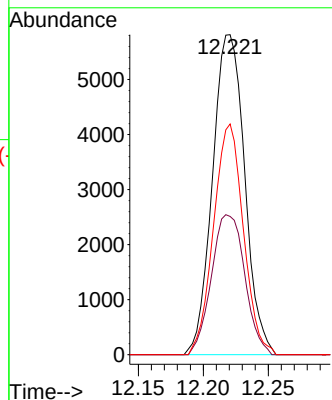
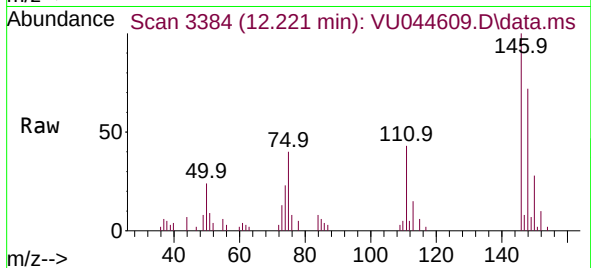




#67
1,2-Dichlorobenzene
Concen: 0.445 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

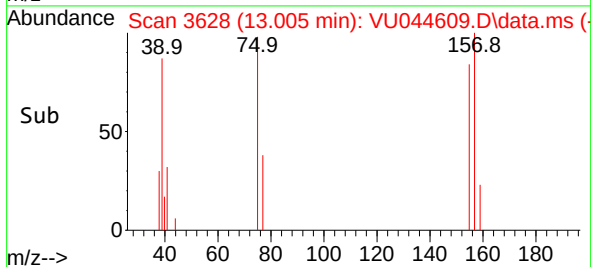
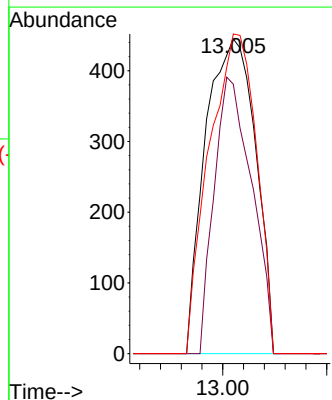
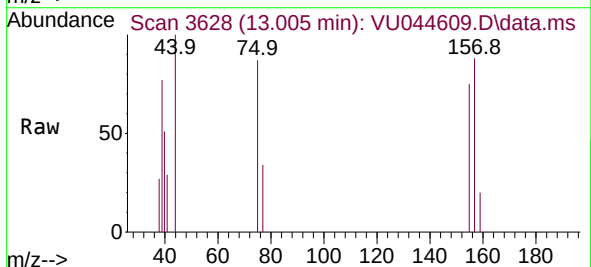
Instrument :
MSVOA_U
ClientSampled :

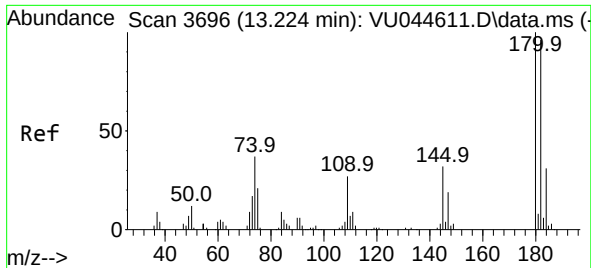
Tgt Ion:146 Resp: 10013
Ion Ratio Lower Upper
146 100
111 43.2 34.6 51.8
148 72.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.389 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

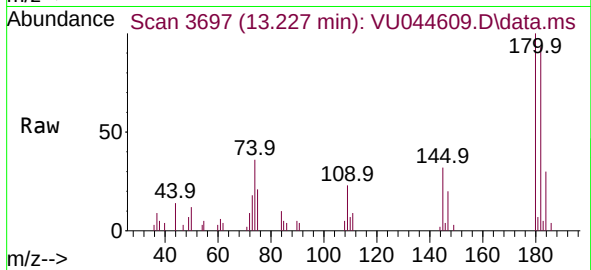
Tgt Ion: 75 Resp: 746
Ion Ratio Lower Upper
75 100
155 85.6 54.0 81.0#
157 101.6 65.4 98.2#



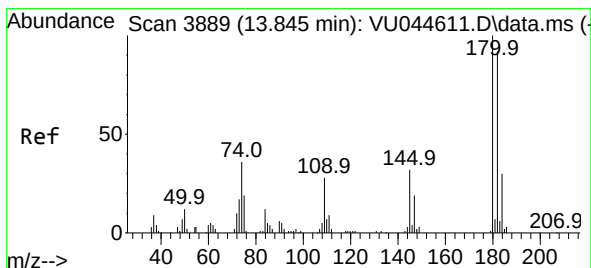
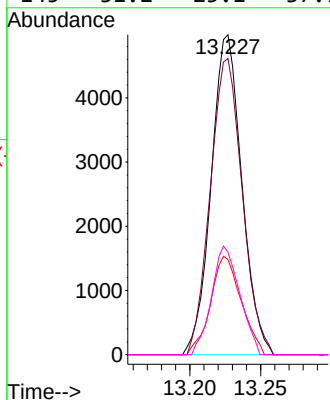
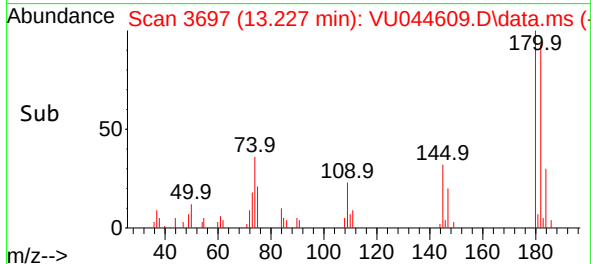


#69
1,3,5-Trichlorobenzene
Concen: 0.446 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

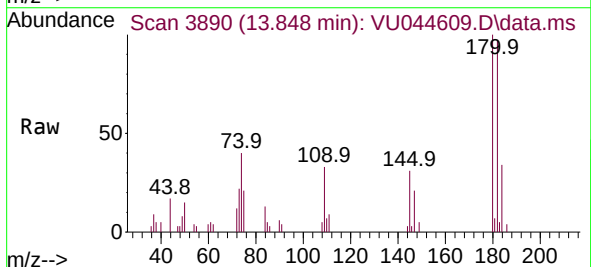
Instrument :
MSVOA_U
ClientSampled :



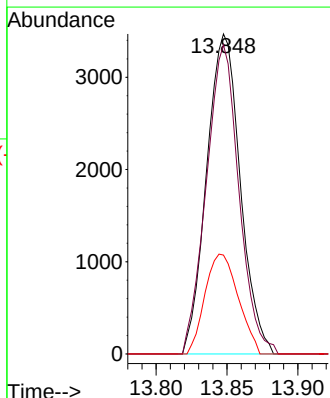
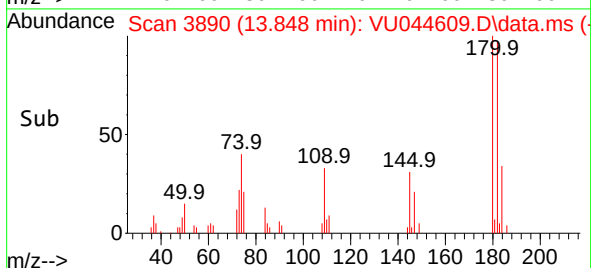
Tgt Ion:180 Resp: 7501
Ion Ratio Lower Upper
180 100
182 96.5 76.9 115.3
184 30.7 24.1 36.1
145 31.2 25.1 37.7

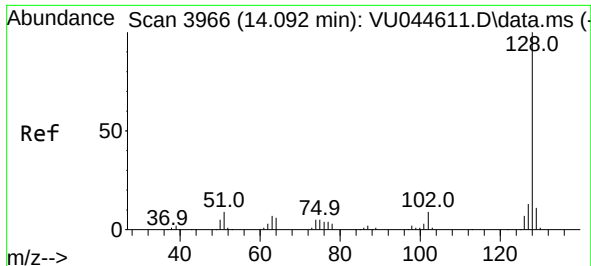


#70
1,2,4-trichlorobenzene
Concen: 0.431 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38



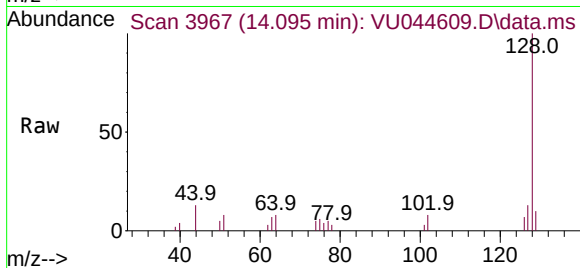
Tgt Ion:180 Resp: 5737
Ion Ratio Lower Upper
180 100
182 93.6 75.4 113.0
145 30.7 25.2 37.8



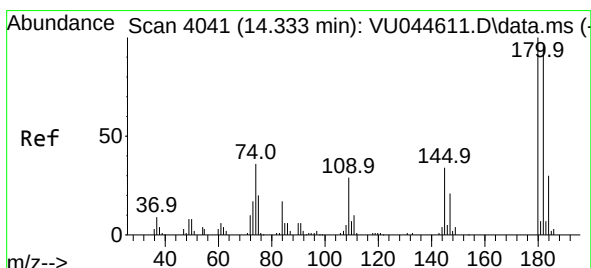
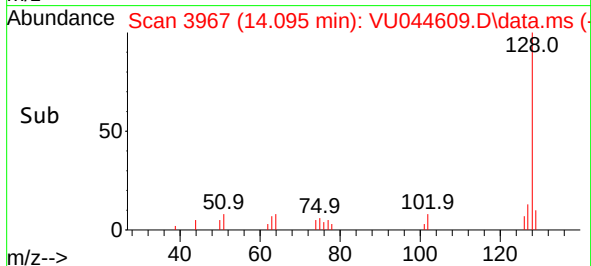
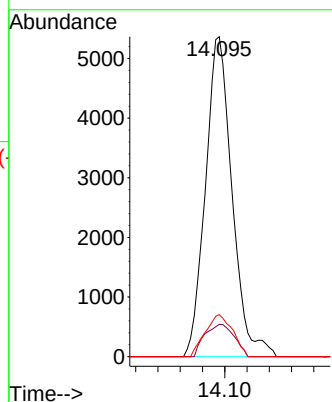


#71
Naphthalene
Concen: 0.353 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 8911
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.422 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044609.D
Acq: 09 Sep 2021 12:38

Tgt Ion:180 Resp: 5139
Ion Ratio Lower Upper
180 100
182 89.8 75.9 113.9
145 30.3 27.0 40.6

