

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091721\
 Data File : VU044677.D
 Acq On : 17 Sep 2021 10:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:24:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 17 02:59:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	124620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	127653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	61671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27483	3.738	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.919	69	31159	4.152	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.000%	
11) 1,1-Dichloroethene-d2	2.571	65	14884	4.008	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.200%	
20) 2-Butanone-d5	4.642	46	163140	52.927	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.860%	
24) Chloroform-d	5.073	84	75803	4.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.710	65	43738	4.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.735	84	137985	4.239	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.697	67	48194	4.509	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.200%	
41) Toluene-d8	7.902	98	117531	4.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.000%	
43) trans-1,3-Dichloroprop...	8.185	79	15755	4.181	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.645	63	119871	49.498	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.000%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44543	4.700	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	12.198	152	43437	4.268	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	51833	5.216	ug/L	99
3) Chloromethane	1.520	50	64936	5.435	ug/L	100
5) Vinyl chloride	1.607	62	65638	5.387	ug/L	97
6) Bromomethane	1.861	94	31918	5.111	ug/L	97
8) Chloroethane	1.938	64	41988	5.406	ug/L	100
9) Trichlorofluoromethane	2.144	101	75835	5.527	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	46391	5.507	ug/L	98
12) 1,1-Dichloroethene	2.587	96	43809	5.472	ug/L	88
13) Acetone	2.649	43	79401	39.550	ug/L	93
14) Carbon disulfide	2.800	76	124907	4.928	ug/L	100
15) Methyl Acetate	2.964	43	16948	4.675	ug/L	99
16) Methylene chloride	3.054	84	56695	4.453	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	119752	5.411	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	46182	5.426	ug/L	99
19) 1,1-Dichloroethane	3.877	63	97581	5.671	ug/L	99
21) 2-Butanone	4.722	43	141972	42.353	ug/L	87
22) cis-1,2-Dichloroethene	4.674	96	51094	5.446	ug/L	99
23) Bromochloromethane	4.983	128	22222	5.591	ug/L	96
25) Chloroform	5.095	83	97631	5.325	ug/L	98

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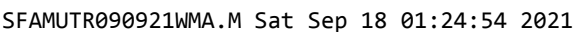
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 ClientSampleId :

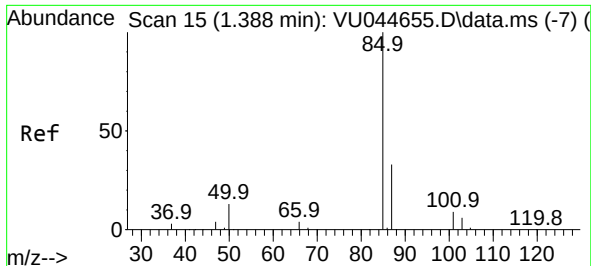
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	66792	5.564	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	76598	5.507	ug/L	99
30) Cyclohexane	5.398	56	81262	5.101	ug/L	98
31) Carbon tetrachloride	5.533	117	57780	5.308	ug/L	100
33) Benzene	5.780	78	208892	5.514	ug/L	100
34) Trichloroethene	6.549	95	49685	5.298	ug/L	98
35) Methylcyclohexane	6.771	83	76114	4.938	ug/L	97
37) 1,2-Dichloropropane	6.796	63	58435	5.756	ug/L	99
38) Bromodichloromethane	7.111	83	68334	5.551	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	73783	5.130	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	431781	54.642	ug/L	99
42) Toluene	7.976	91	214917	5.432	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	64219	5.233	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	39671	5.496	ug/L	99
47) Tetrachloroethene	8.558	164	33585	5.157	ug/L	99
48) 2-Hexanone	8.697	43	314051	53.395	ug/L	99
49) Dibromochloromethane	8.816	129	40803	5.380	ug/L	98
50) 1,2-Dibromoethane	8.928	107	36624	5.389	ug/L	99
51) Chlorobenzene	9.452	112	126537	5.158	ug/L	98
52) Ethylbenzene	9.574	91	222951	5.202	ug/L	98
53) m,p-Xylene	9.700	106	83872	5.146	ug/L	98
54) o-Xylene	10.105	106	81979	5.266	ug/L	99
55) Styrene	10.118	104	145632	5.344	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	53256	5.495	ug/L	98
59) Bromoform	10.298	173	20706	5.402	ug/L	99
60) Isopropylbenzene	10.488	105	217080	5.623	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	39148	5.745	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	175454	5.473	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	180427	5.480	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	96121	5.340	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	96482	5.196	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	92656	5.423	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8047	5.370	ug/L	95
69) 1,3,5-Trichlorobenzene	13.224	180	67113	4.905	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	51920	4.498	ug/L	99
71) Naphthalene	14.092	128	96172	4.271	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	49830	4.690	ug/L	99

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

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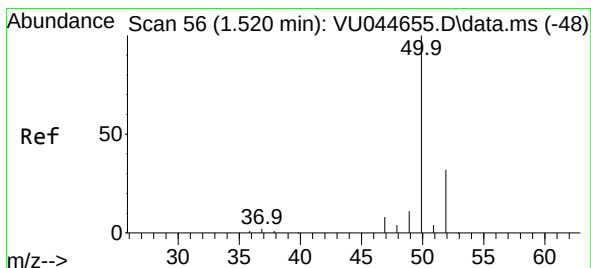
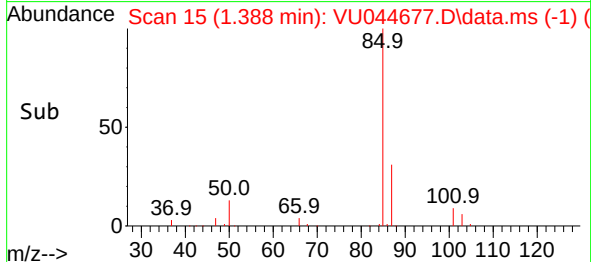
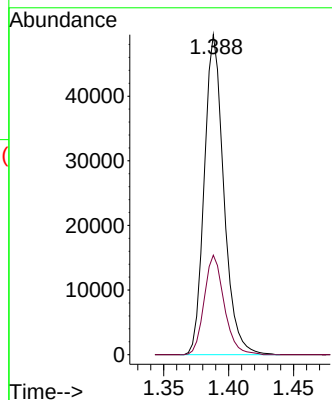
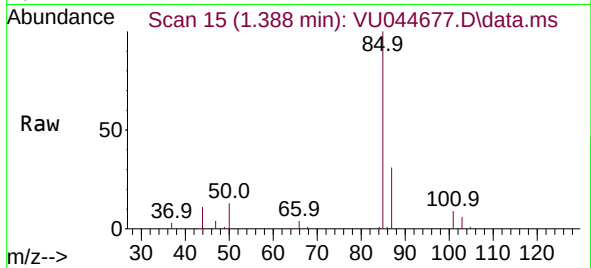




#2
Dichlorodifluoromethane
Concen: 5.216 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

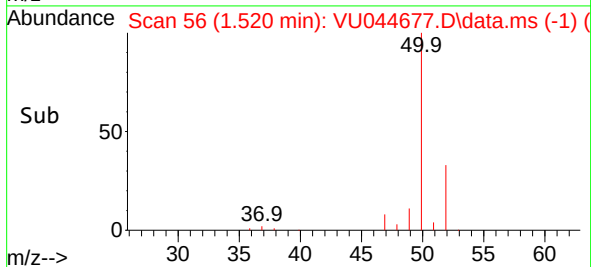
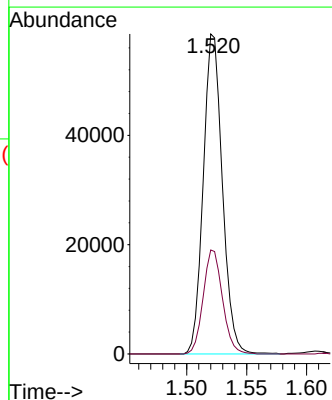
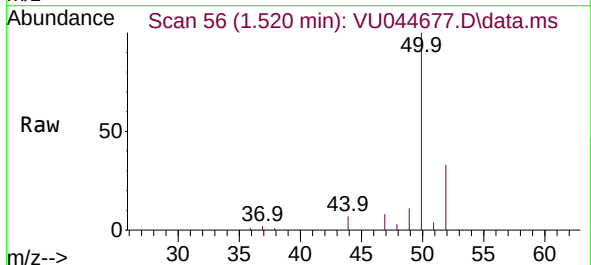
Instrument :
MSVOA_U
ClientSampleId :

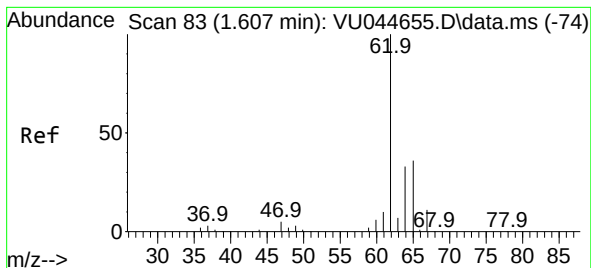
Tgt Ion: 85 Resp: 51833
Ion Ratio Lower Upper
85 100
87 31.8 26.0 39.0



#3
Chloromethane
Concen: 5.435 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 50 Resp: 64936
Ion Ratio Lower Upper
50 100
52 32.5 22.6 42.0

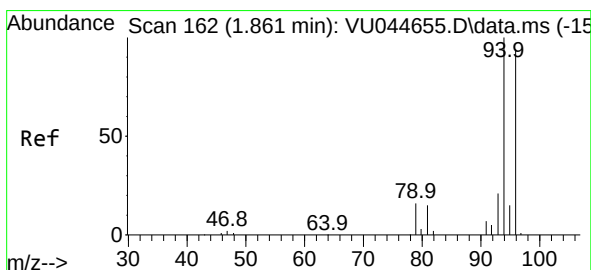
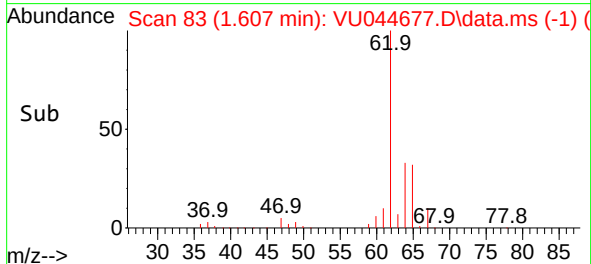
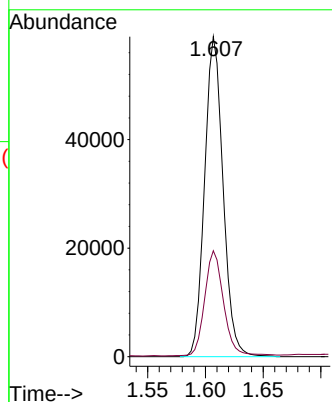
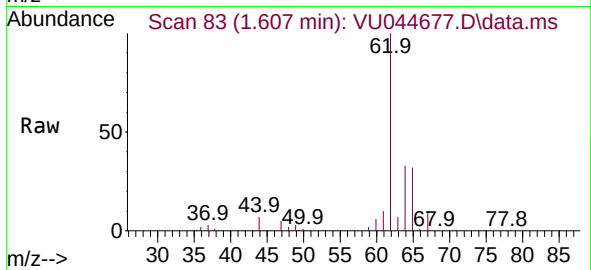




#5
 Vinyl chloride
 Concen: 5.387 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044677.D
 Acq: 17 Sep 2021 10:41

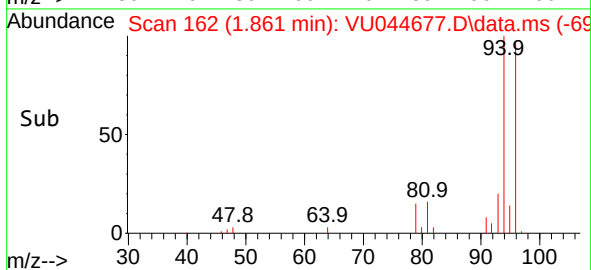
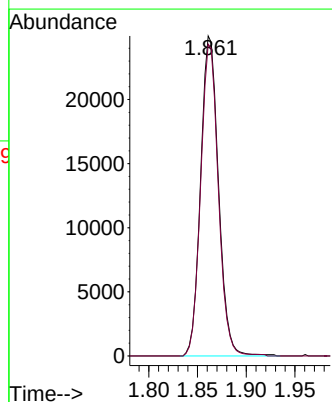
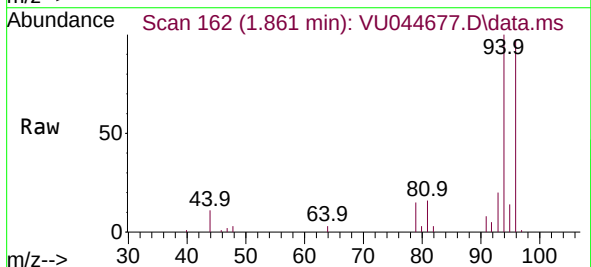
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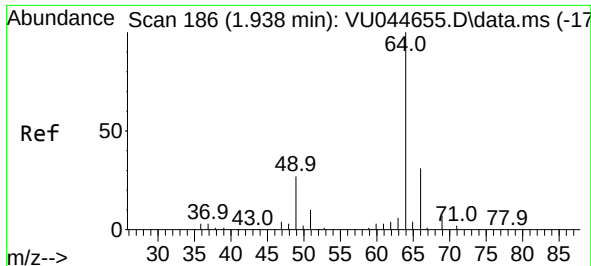
Tgt Ion: 62 Resp: 65638
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.0 40.8



#6
 Bromomethane
 Concen: 5.111 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044677.D
 Acq: 17 Sep 2021 10:41

Tgt Ion: 94 Resp: 31918
 Ion Ratio Lower Upper
 94 100
 96 97.4 66.4 123.4

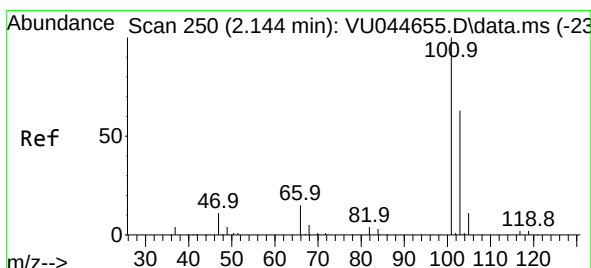
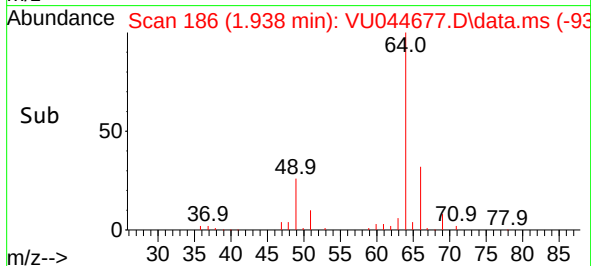
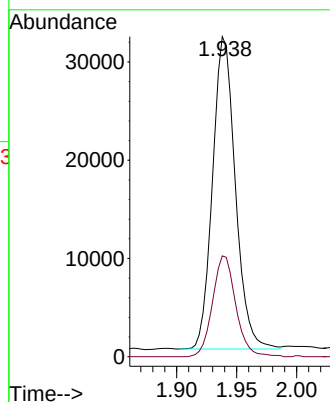
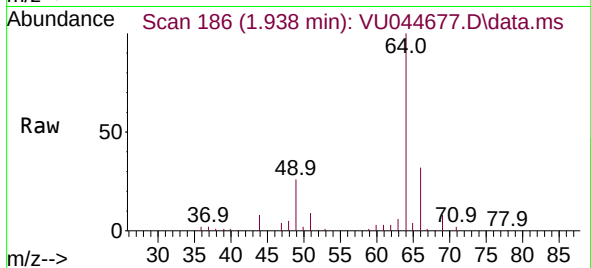




#8
Chloroethane
Concen: 5.406 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

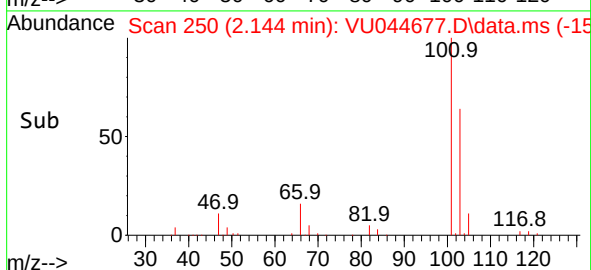
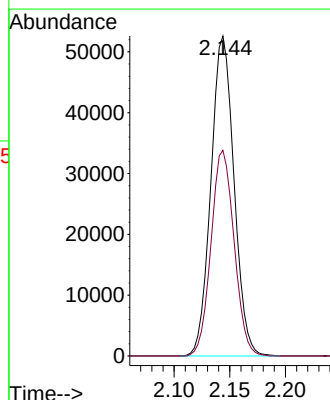
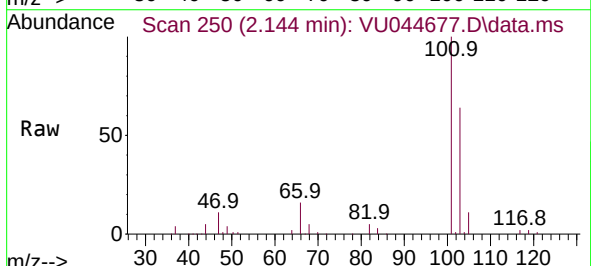
Instrument :
MSVOA_U
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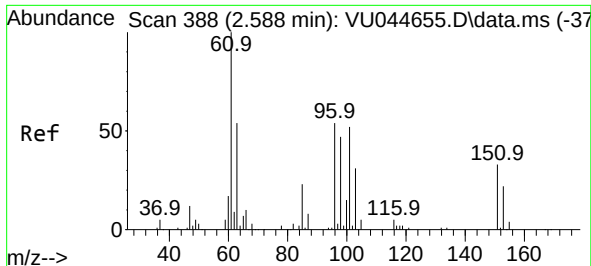
Tgt Ion: 64 Resp: 41988
Ion Ratio Lower Upper
64 100
66 31.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.527 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion:101 Resp: 75835
Ion Ratio Lower Upper
101 100
103 64.2 51.2 76.8

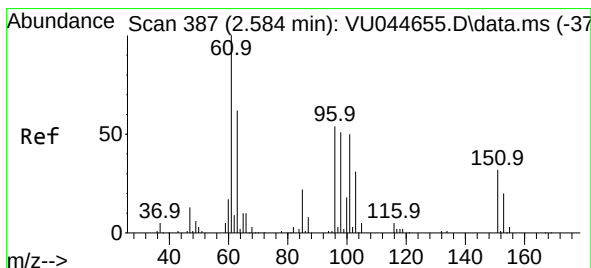
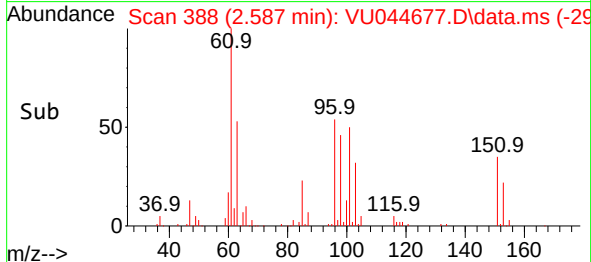
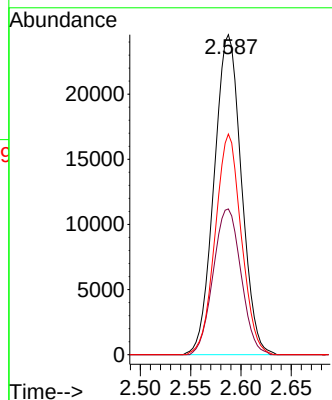
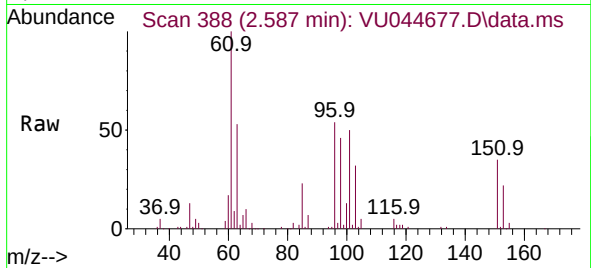




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.507 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

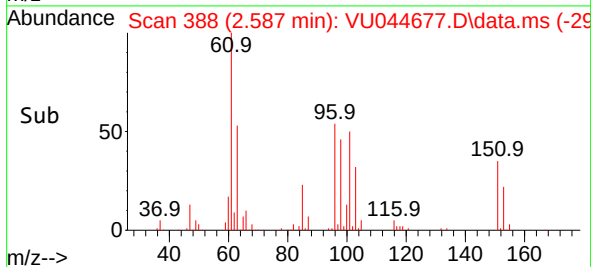
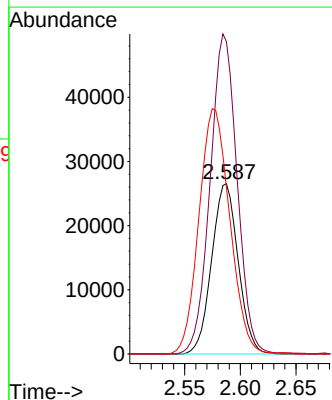
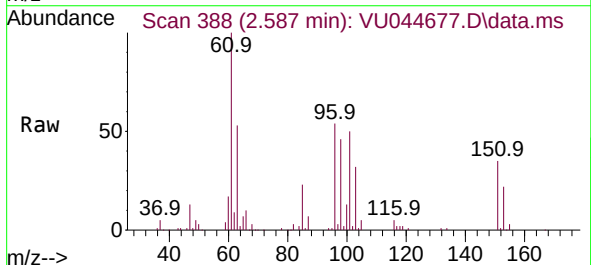
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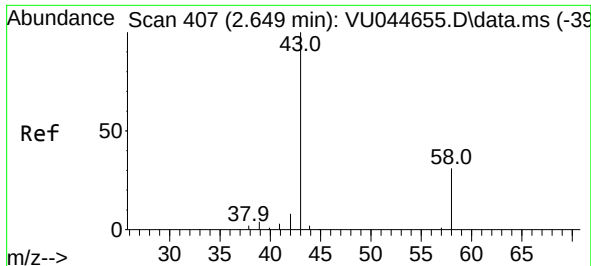
Tgt Ion:101 Resp: 46391
Ion Ratio Lower Upper
101 100
85 46.3 35.4 53.2
151 66.1 53.9 80.9



#12
1,1-Dichloroethene
Concen: 5.472 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 96 Resp: 43809
Ion Ratio Lower Upper
96 100
61 183.6 129.3 240.1
63 97.8 91.3 169.5

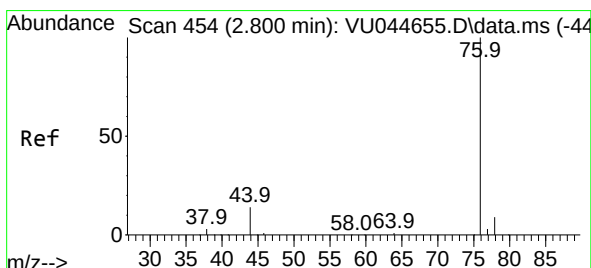
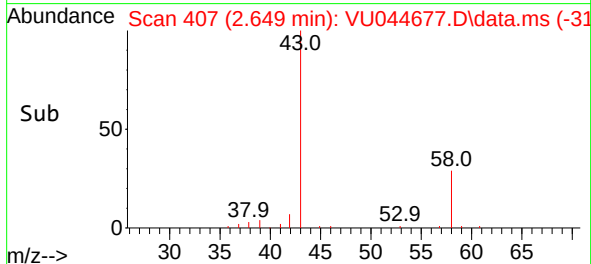
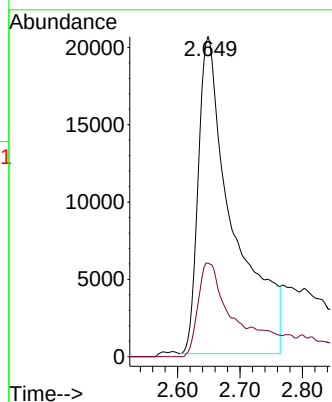
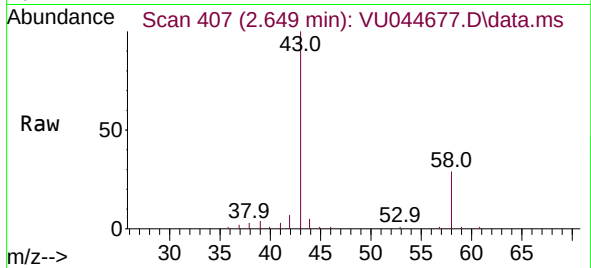




#13
Acetone
Concen: 39.550 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

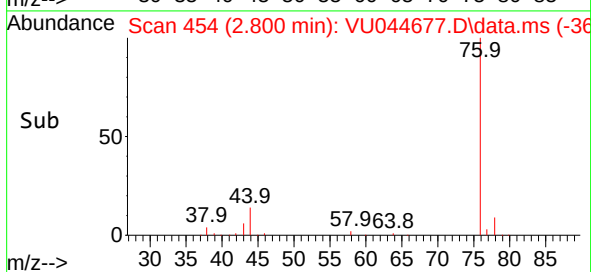
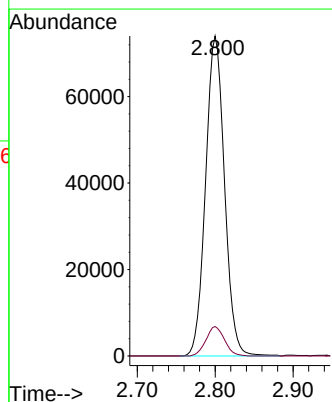
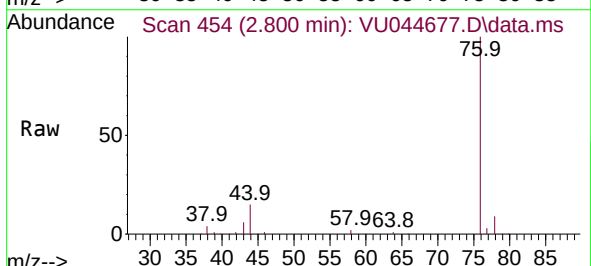
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MSVOA_U
ClientSampleId :

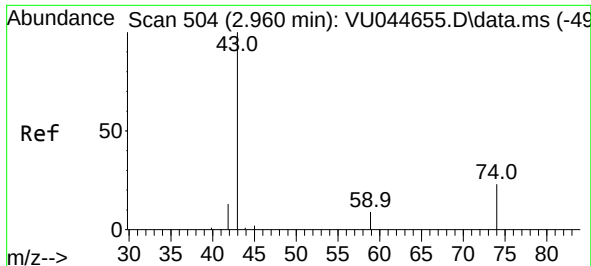
Tgt Ion: 43 Resp: 79401
Ion Ratio Lower Upper
43 100
58 24.5 0.0 42.4



#14
Carbon disulfide
Concen: 4.928 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 76 Resp: 124907
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

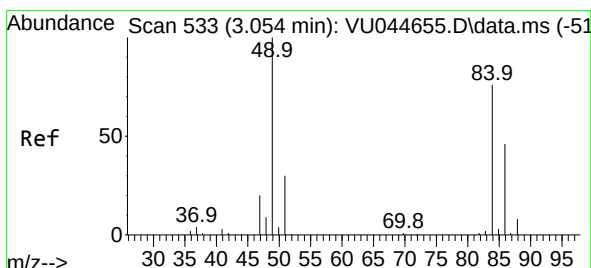
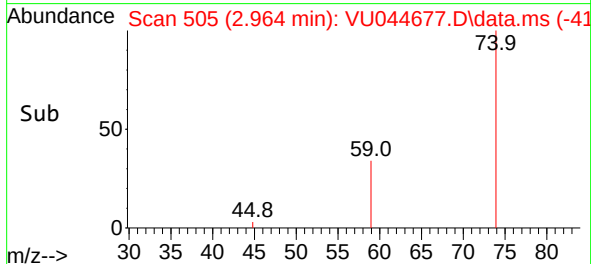
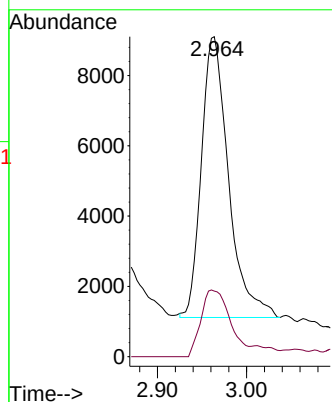
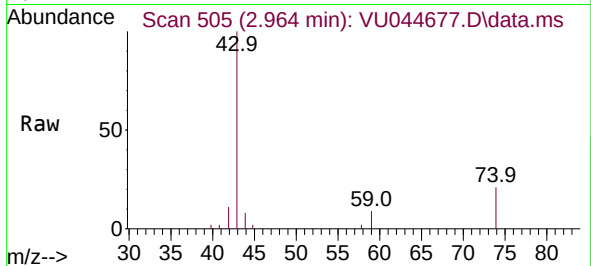




#15
Methyl Acetate
Concen: 4.675 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

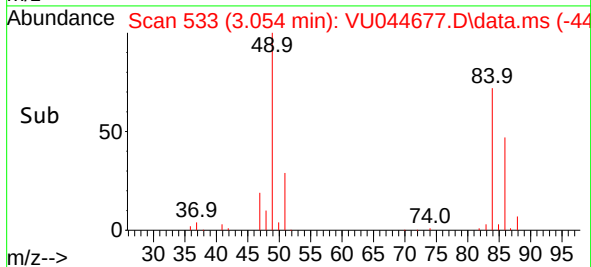
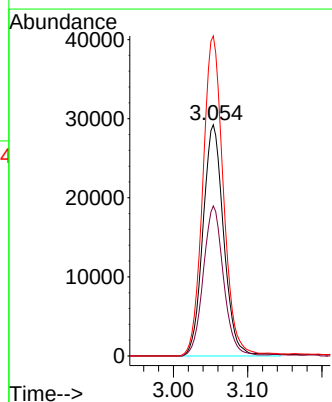
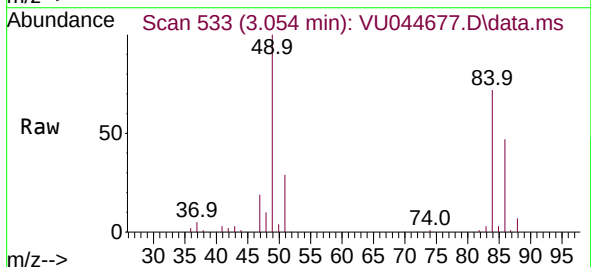
Instrument :
MSVOA_U
ClientSampled :

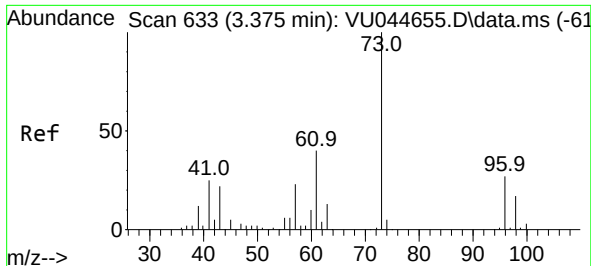
Tgt Ion: 43 Resp: 16948
Ion Ratio Lower Upper
43 100
74 25.4 20.6 30.8



#16
Methylene chloride
Concen: 4.453 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 84 Resp: 56695
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.2
49 138.4 92.9 172.5



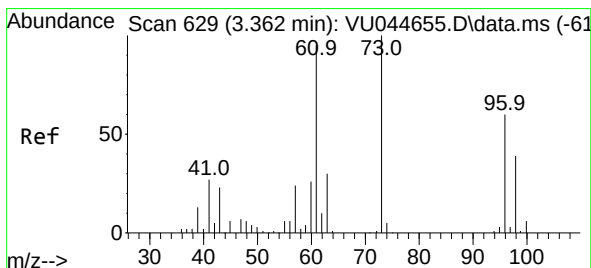
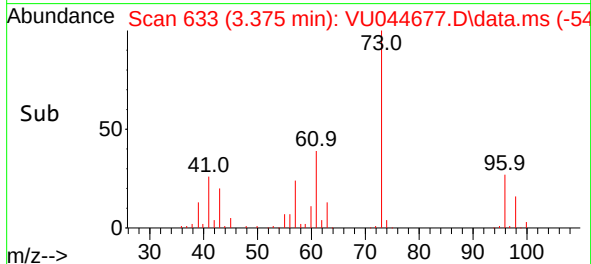
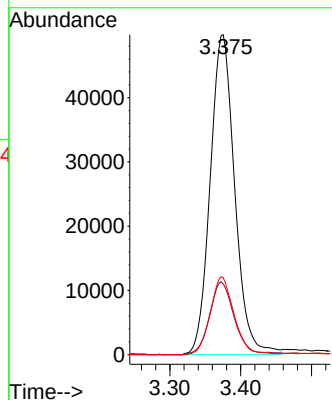
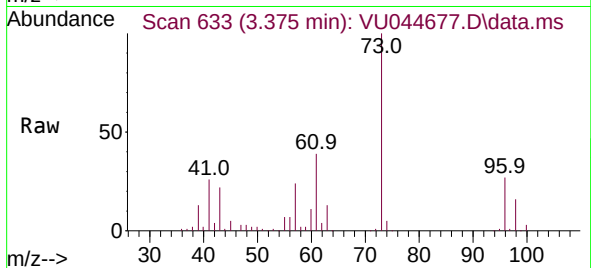


#17

Methyl tert-butyl Ether
Concen: 5.411 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Instrument :
MSVOA_U
ClientSampled :

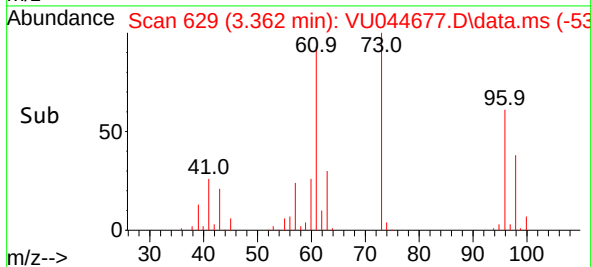
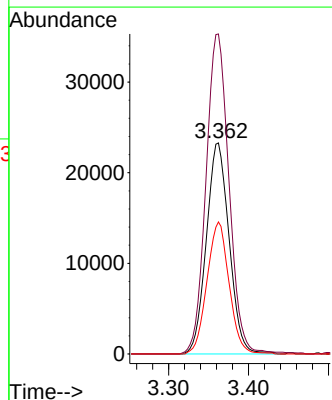
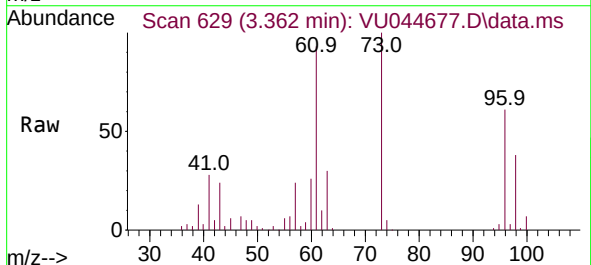
Tgt Ion: 73 Resp: 119752
Ion Ratio Lower Upper
73 100
43 23.1 17.8 26.6
57 23.7 18.6 27.8

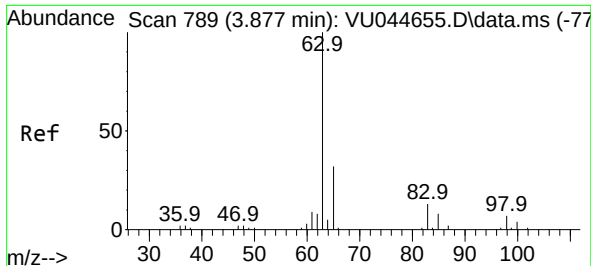


#18

trans-1,2-Dichloroethene
Concen: 5.426 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 96 Resp: 46182
Ion Ratio Lower Upper
96 100
61 151.6 107.2 199.0
98 62.5 42.8 79.6





#19

1,1-Dichloroethane

Concen: 5.671 ug/L

RT: 3.877 min Scan# 789

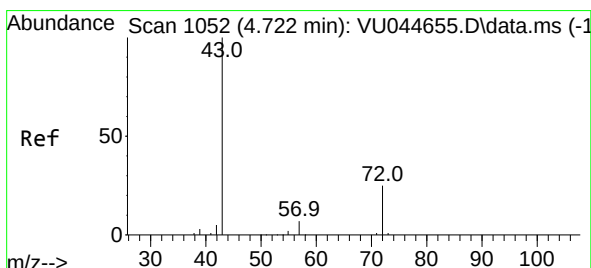
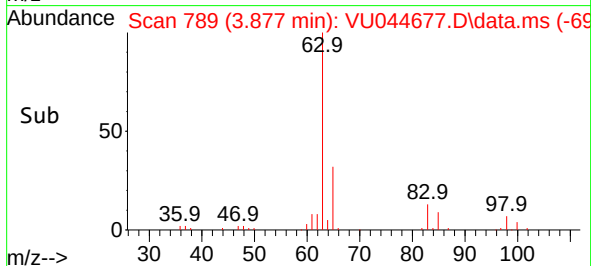
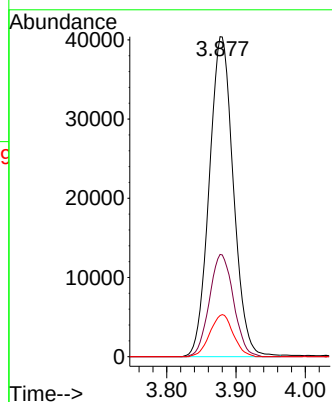
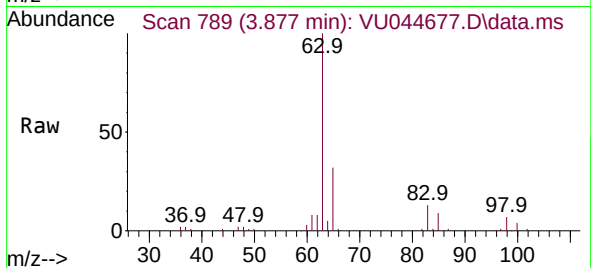
Delta R.T. -0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

Tgt Ion:	63	Resp:	97581
Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.8	40.6
83	12.9	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 42.353 ug/L

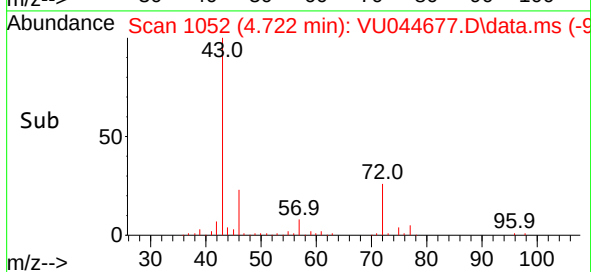
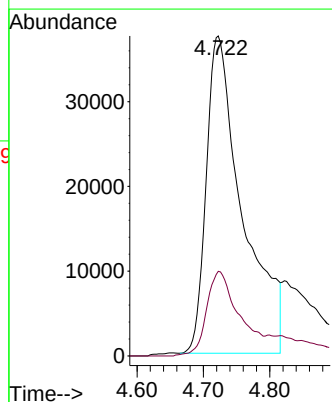
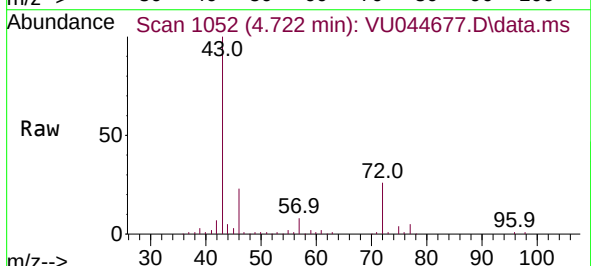
RT: 4.722 min Scan# 1052

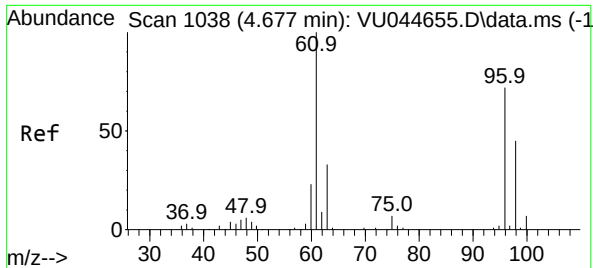
Delta R.T. 0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

Tgt Ion:	43	Resp:	141972
Ion	Ratio	Lower	Upper
43	100		
72	24.2	9.2	27.4

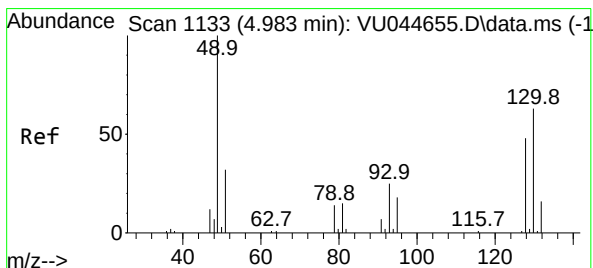
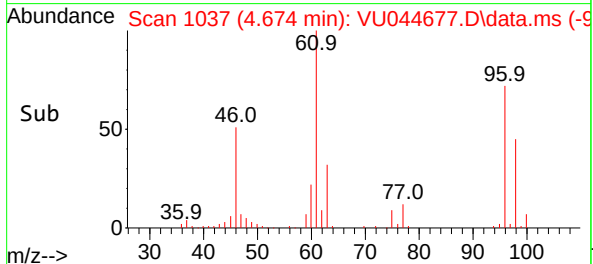
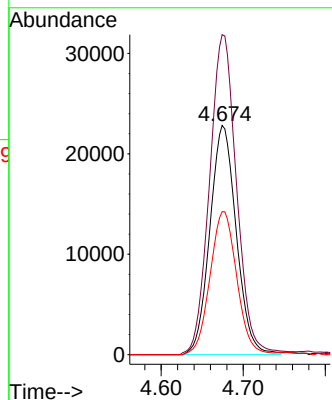
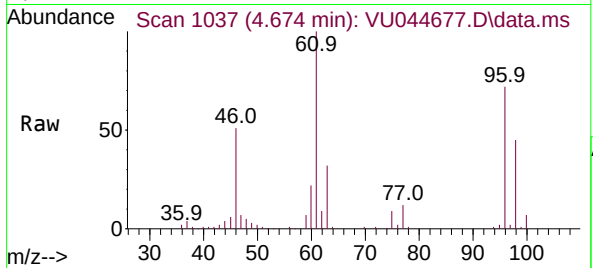




#22
 cis-1,2-Dichloroethene
 Concen: 5.446 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU044677.D
 Acq: 17 Sep 2021 10:41

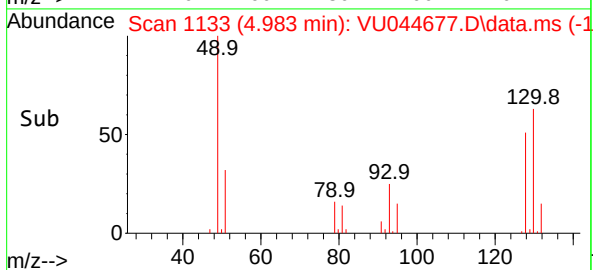
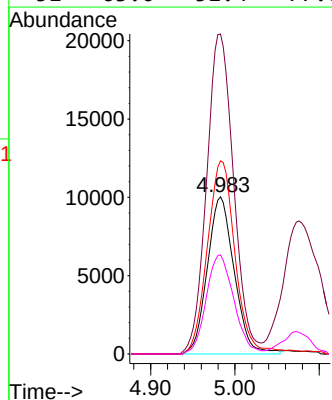
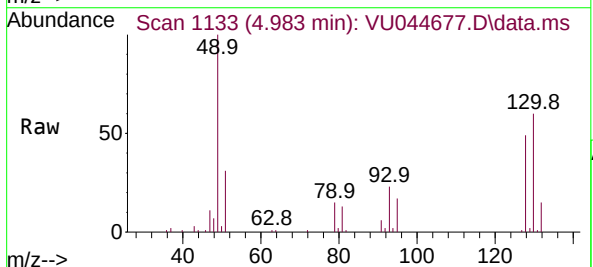
Instrument :
 MSVOA_U
 ClientSampleId :

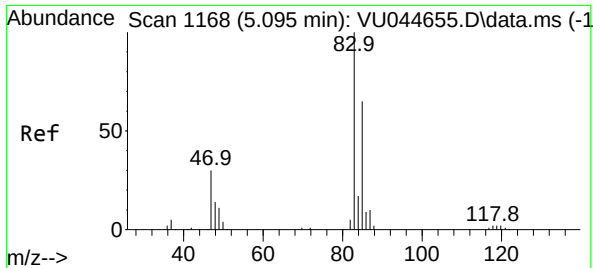
Tgt Ion:	96	Resp:	51094
Ion	Ratio	Lower	Upper
96	100		
61	139.6	96.9	179.9
98	62.4	43.5	80.7



#23
 Bromochloromethane
 Concen: 5.591 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU044677.D
 Acq: 17 Sep 2021 10:41

Tgt Ion:	128	Resp:	22222
Ion	Ratio	Lower	Upper
128	100		
49	203.7	141.4	262.6
130	122.9	94.3	175.1
51	63.0	51.4	77.0



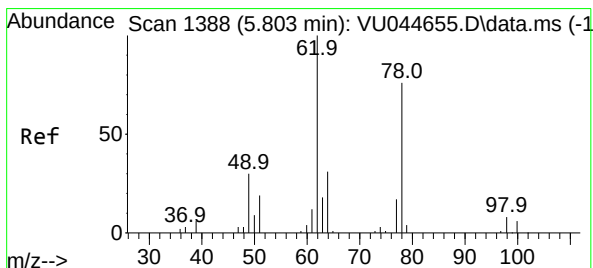
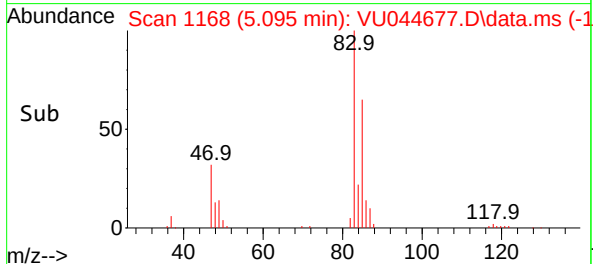
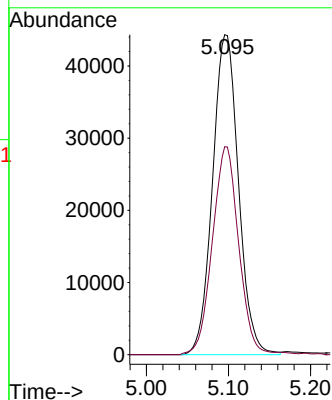
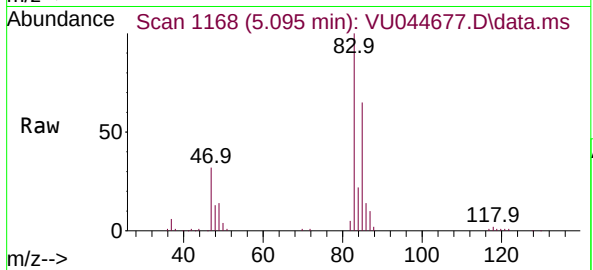


#25

Chloroform
Concen: 5.325 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Instrument :
MSVOA_U
ClientSampled :

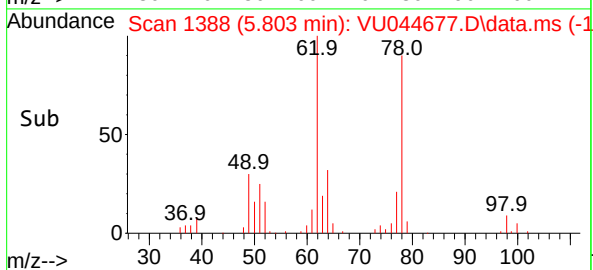
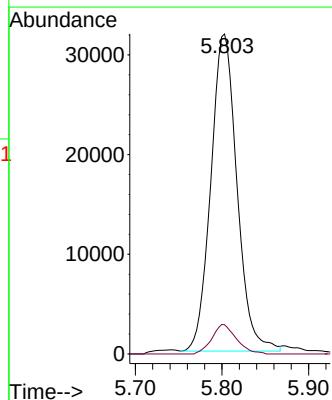
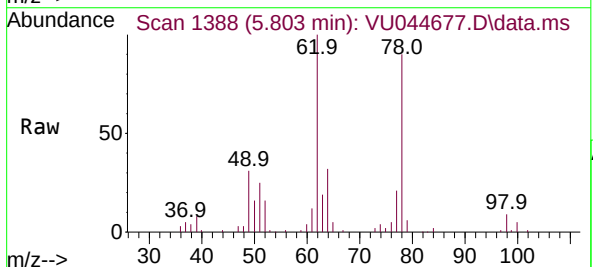
Tgt Ion: 83 Resp: 97631
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.0

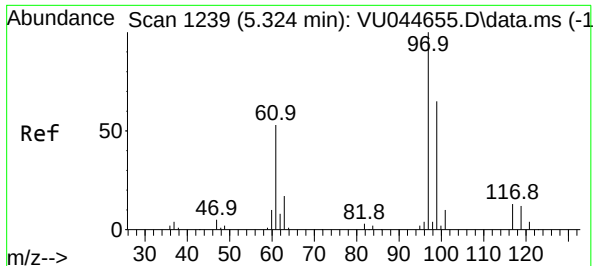


#27

1,2-Dichloroethane
Concen: 5.564 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 62 Resp: 66792
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.507 ug/L

RT: 5.324 min Scan# 1239

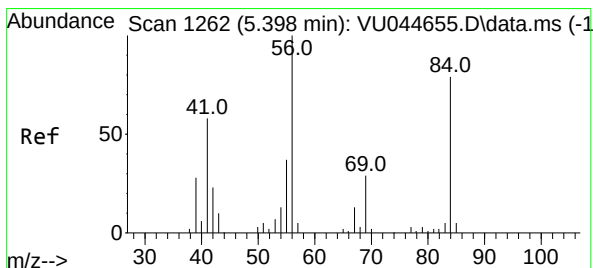
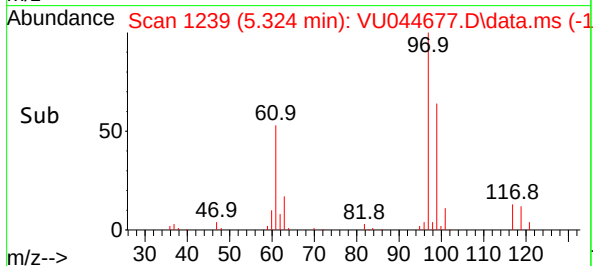
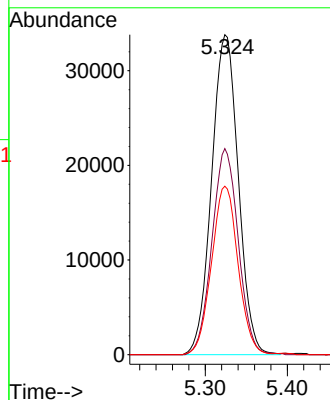
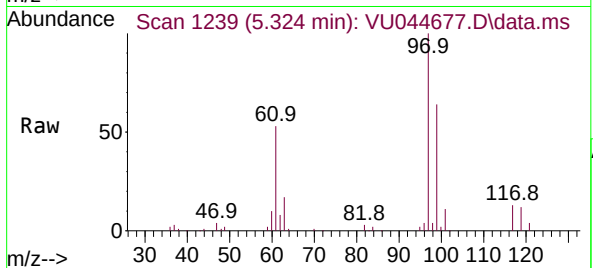
Delta R.T. 0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

Tgt Ion:	97	Resp:	76598
Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.7	76.1
61	52.3	40.6	60.8

Instrument :
MSVOA_U
ClientSampleId :



#30

Cyclohexane

Concen: 5.101 ug/L

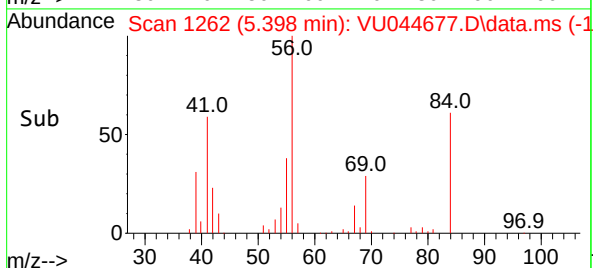
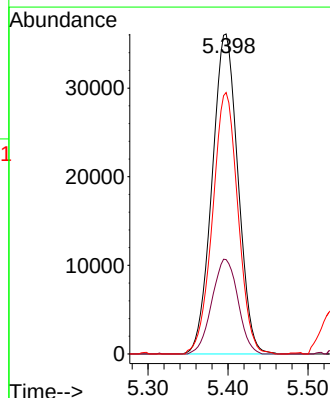
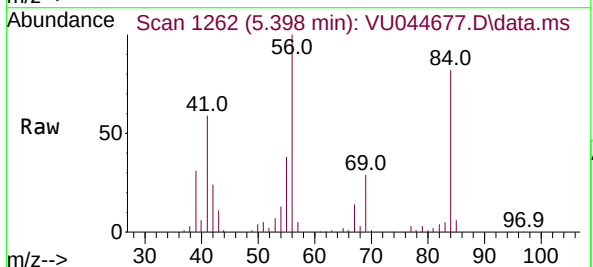
RT: 5.398 min Scan# 1262

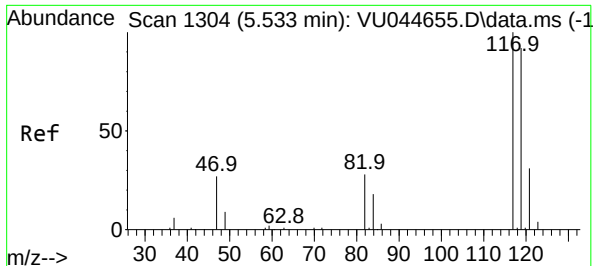
Delta R.T. 0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

Tgt Ion:	56	Resp:	81262
Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.4	35.2
84	80.0	65.5	98.3

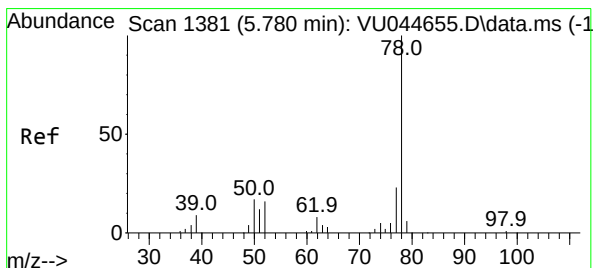
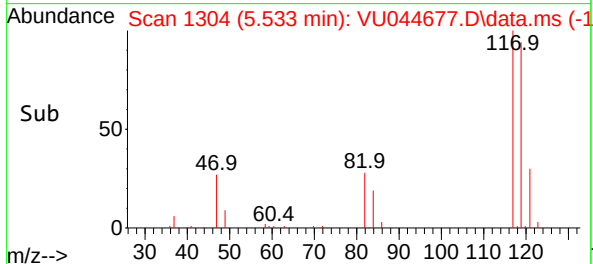
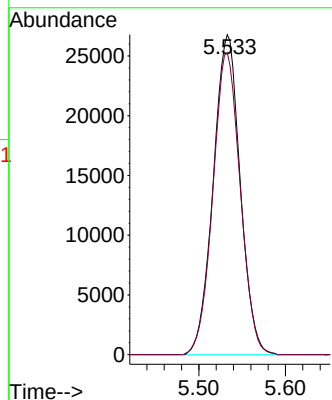
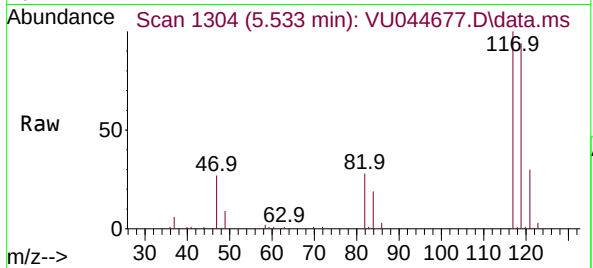




#31
Carbon tetrachloride
Concen: 5.308 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

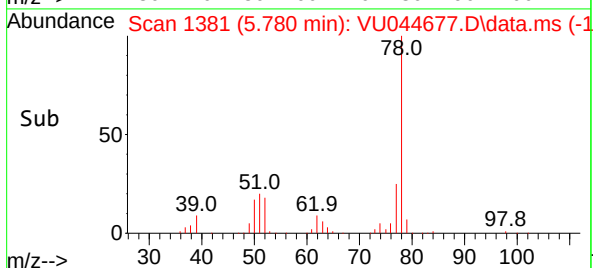
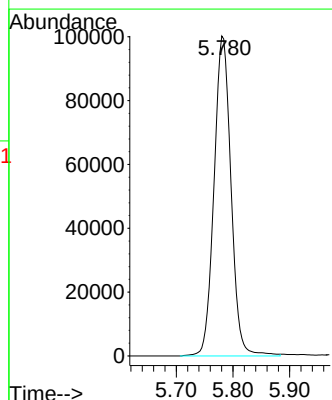
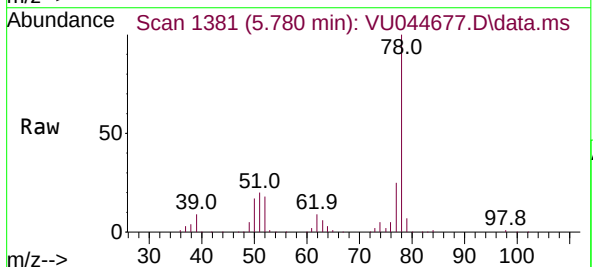
Instrument :
MSVOA_U
ClientSampleId :

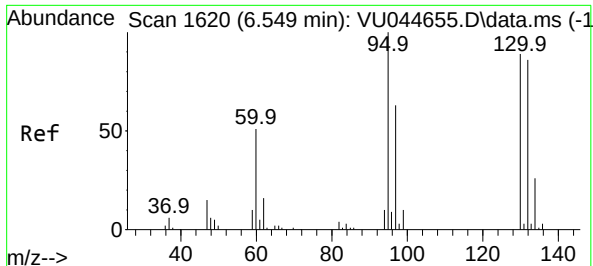
Tgt Ion:117 Resp: 57780
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6



#33
Benzene
Concen: 5.514 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 78 Resp: 208892





#34

Trichloroethene

Concen: 5.298 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

Tgt Ion: 95 Resp: 49685

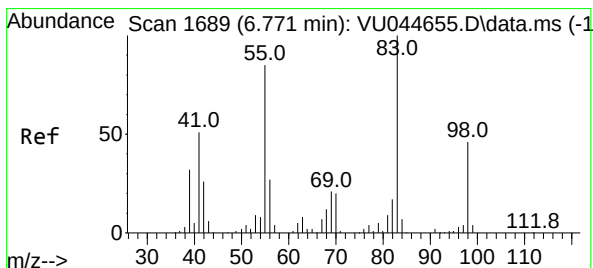
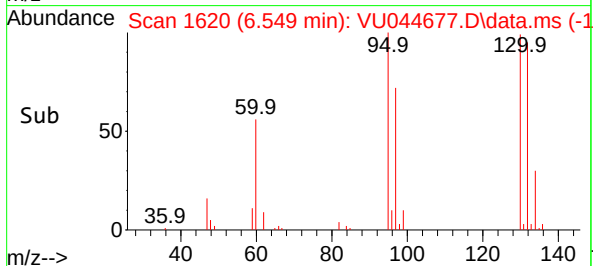
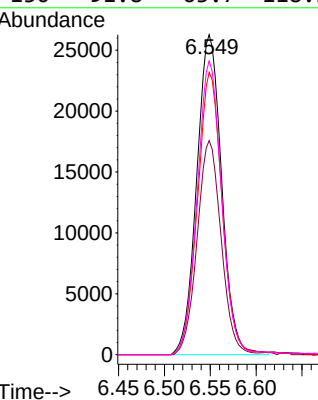
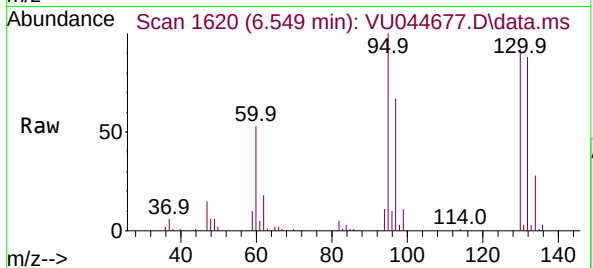
Ion Ratio Lower Upper

95 100

97 66.9 44.7 82.9

132 88.2 60.3 111.9

130 91.8 63.7 118.3



#35

Methylcyclohexane

Concen: 4.938 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

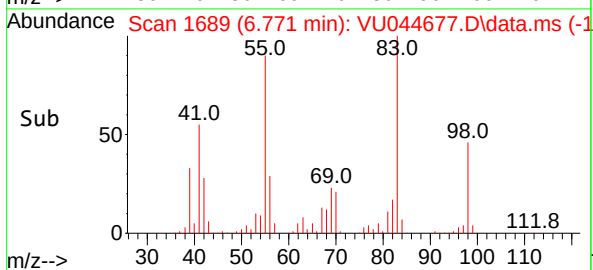
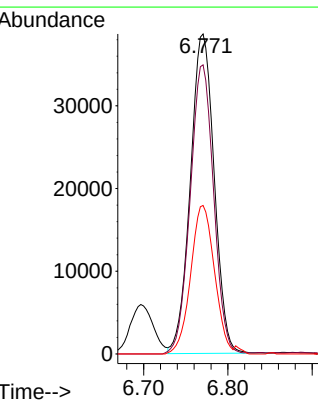
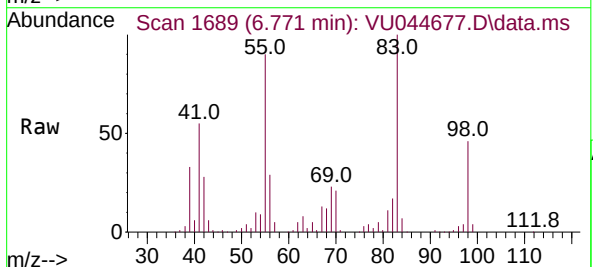
Tgt Ion: 83 Resp: 76114

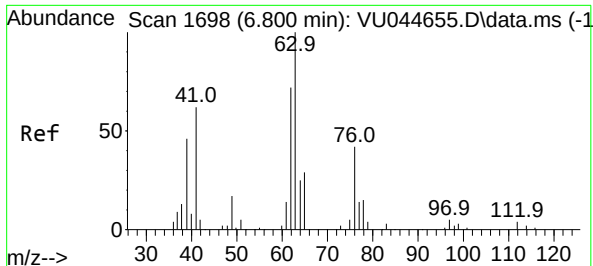
Ion Ratio Lower Upper

83 100

55 89.1 68.3 102.5

98 46.3 37.3 55.9



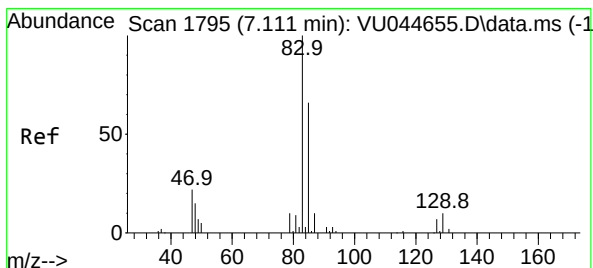
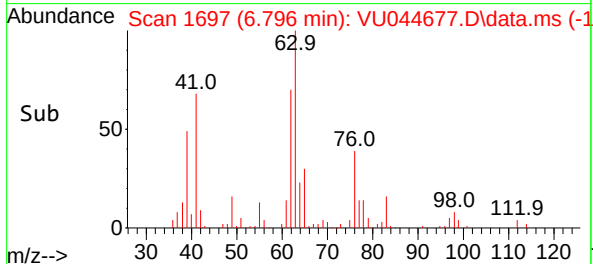
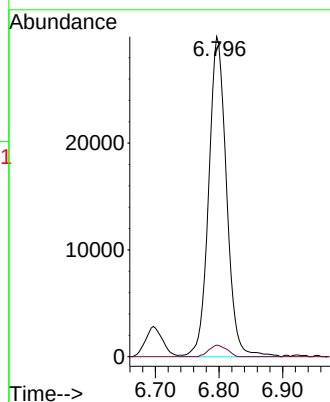
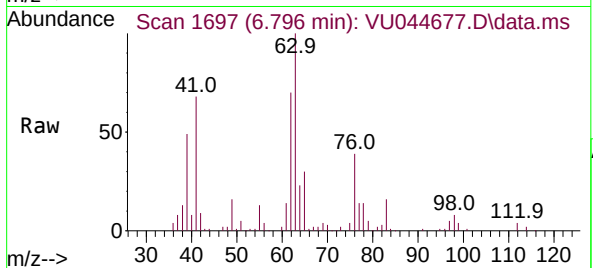


#37

1,2-Dichloropropane
Concen: 5.756 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Instrument :
MSVOA_U
ClientSampleId :

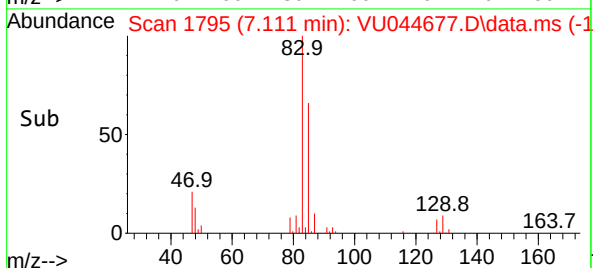
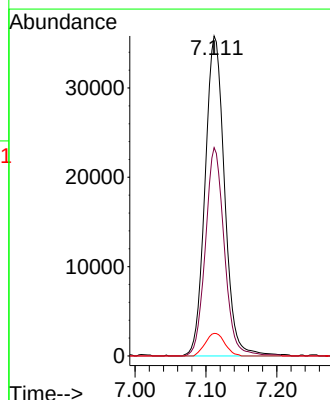
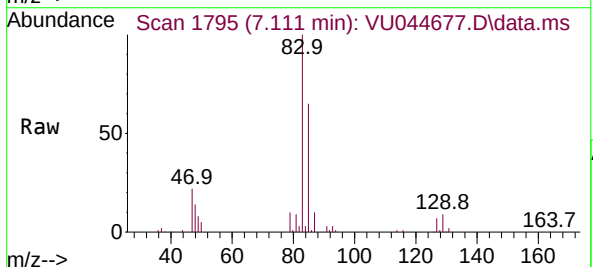
Tgt Ion: 63 Resp: 58435
Ion Ratio Lower Upper
63 100
112 3.6 3.1 4.7

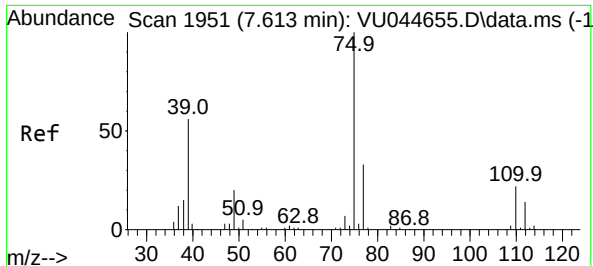


#38

Bromodichloromethane
Concen: 5.551 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 83 Resp: 68334
Ion Ratio Lower Upper
83 100
85 65.1 46.3 86.1
127 7.1 6.0 9.0

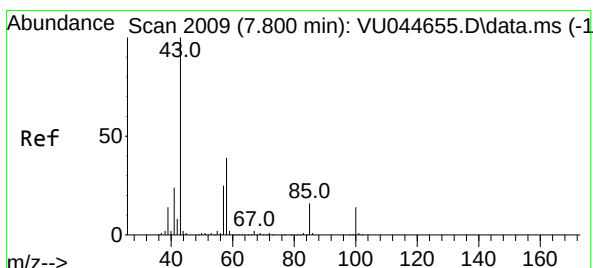
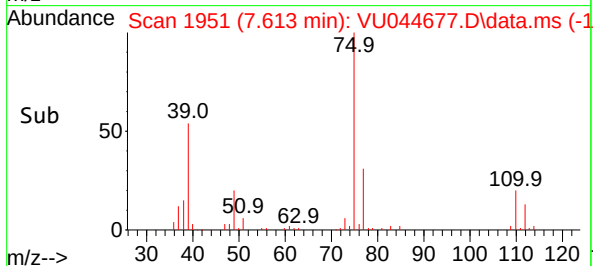
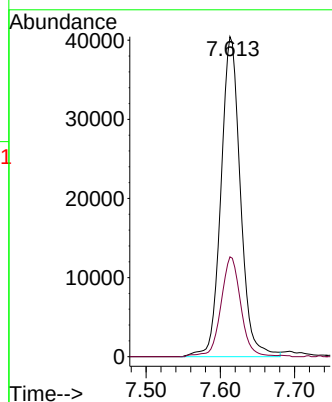
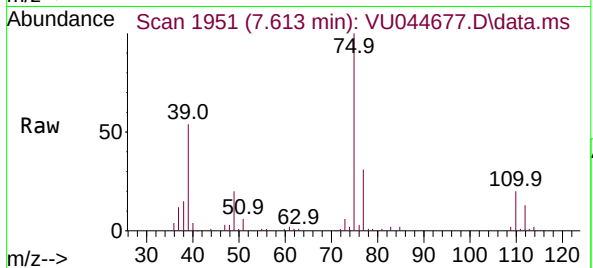




#39
 cis-1,3-Dichloropropene
 Concen: 5.130 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU044677.D
 Acq: 17 Sep 2021 10:41

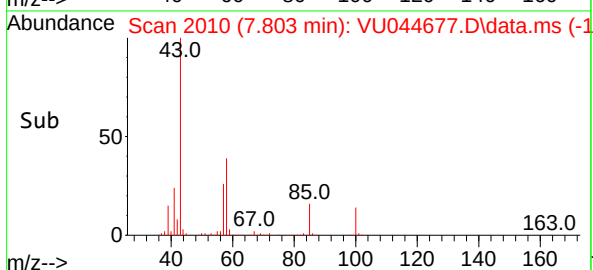
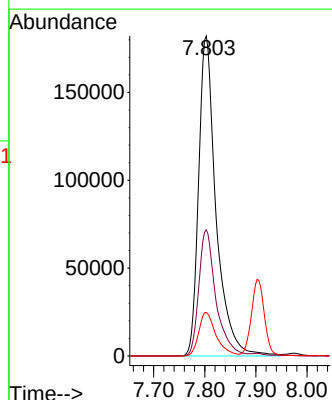
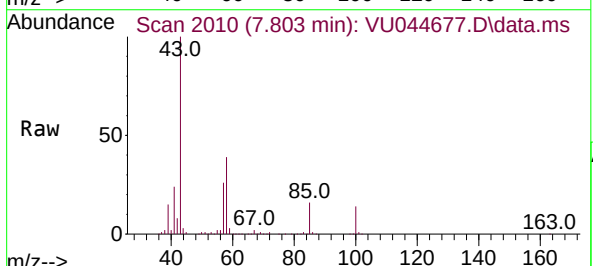
Instrument :
 MSVOA_U
 ClientSampleId :

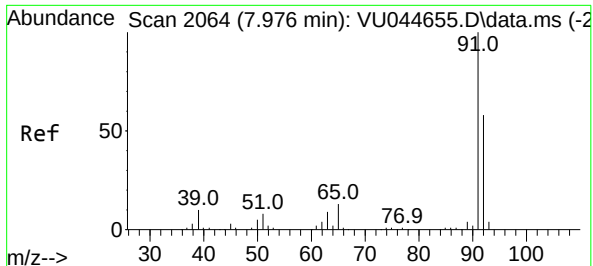
Tgt Ion: 75 Resp: 73783
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 54.642 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.003 min
 Lab File: VU044677.D
 Acq: 17 Sep 2021 10:41

Tgt Ion: 43 Resp: 431781
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.2 46.8
 100 13.5 11.4 17.0

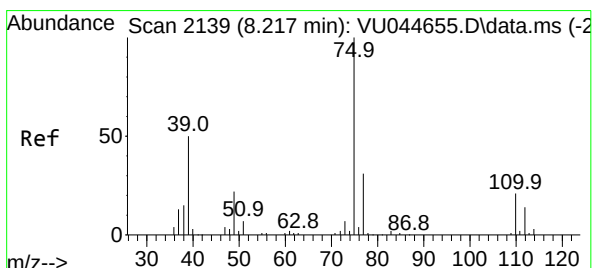
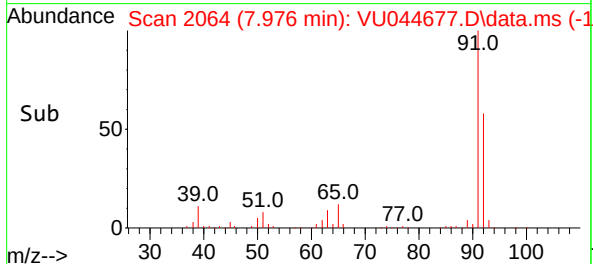
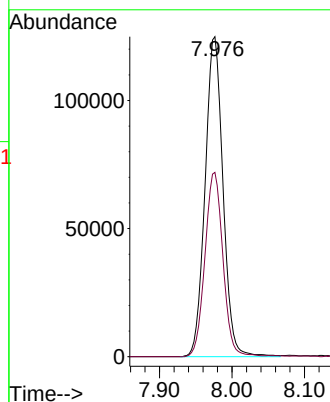
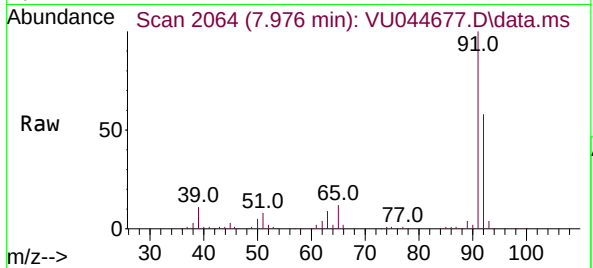




#42
Toluene
Concen: 5.432 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

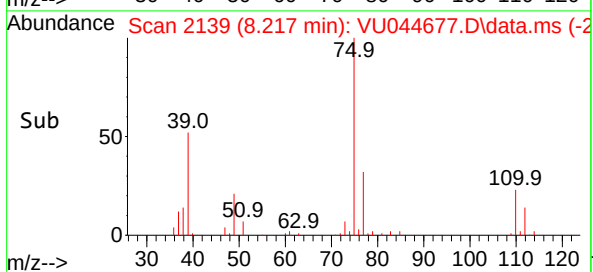
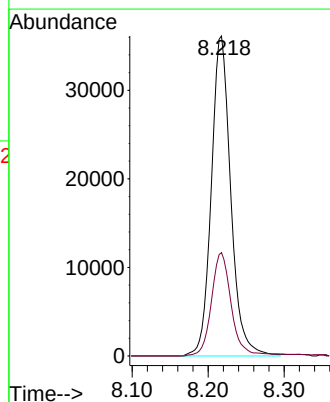
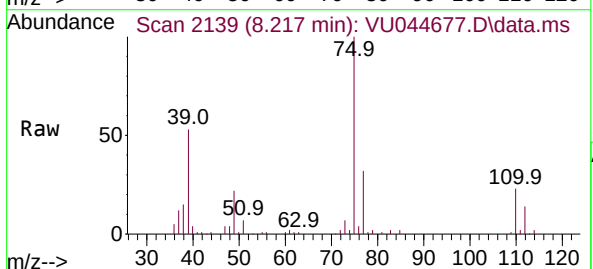
Instrument :
MSVOA_U
ClientSampled :

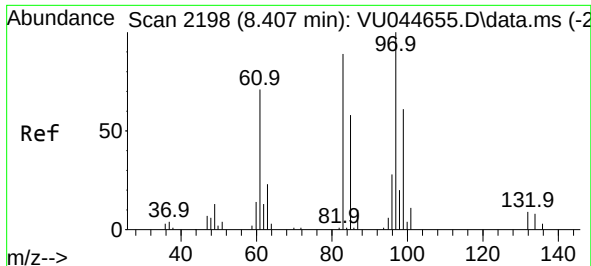
Tgt Ion: 91 Resp: 214917
Ion Ratio Lower Upper
91 100
92 57.6 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 5.233 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 75 Resp: 64219
Ion Ratio Lower Upper
75 100
77 32.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.496 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. -0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

Tgt Ion: 97 Resp: 39671

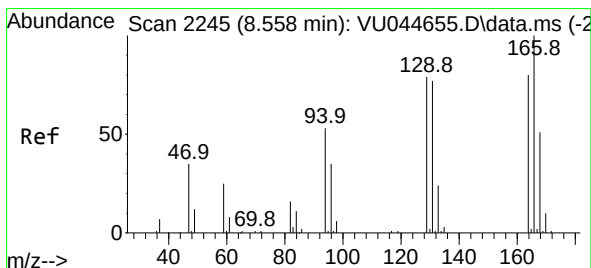
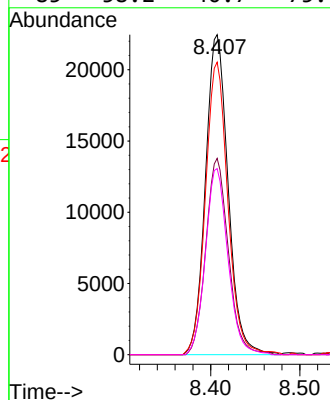
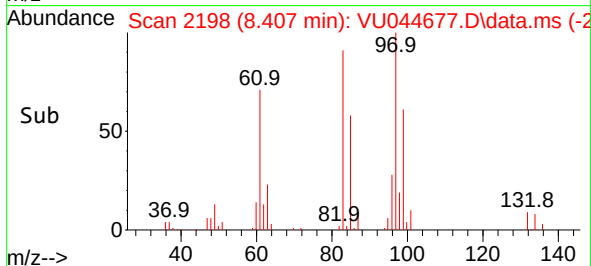
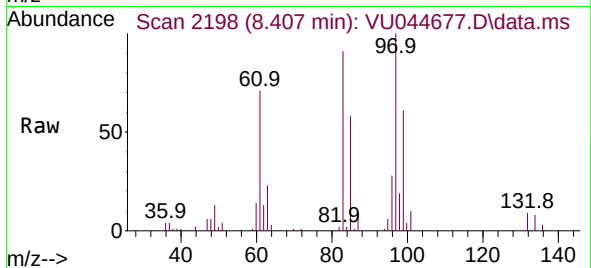
Ion Ratio Lower Upper

97 100

99 61.4 44.8 83.2

83 91.4 63.6 118.0

85 58.2 40.7 75.7



#47

Tetrachloroethene

Concen: 5.157 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

Tgt Ion: 164 Resp: 33585

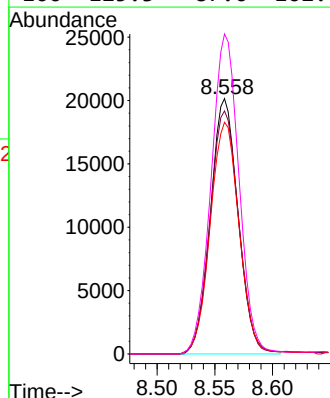
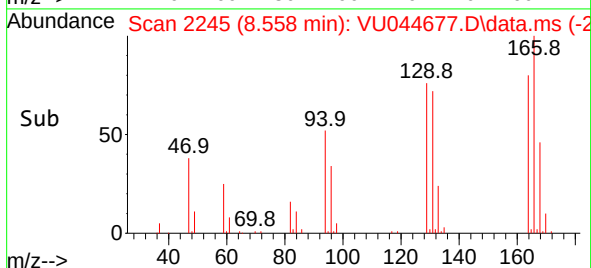
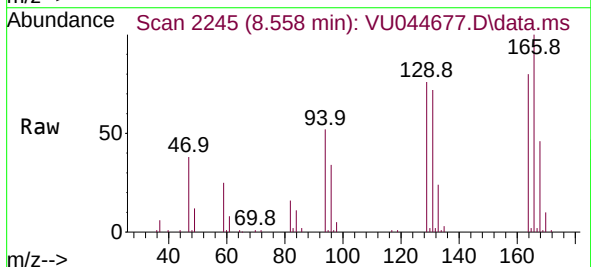
Ion Ratio Lower Upper

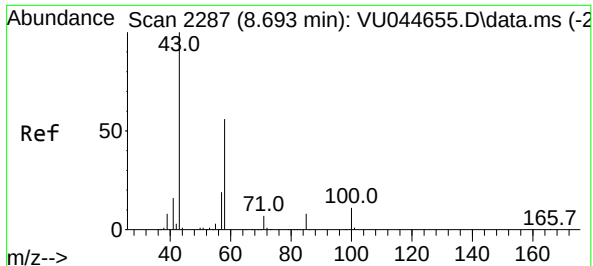
164 100

129 95.2 67.0 124.4

131 90.7 65.2 121.0

166 125.3 87.6 162.8

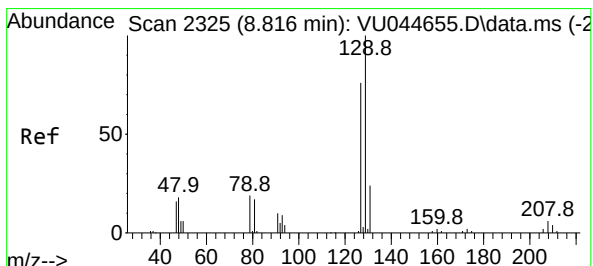
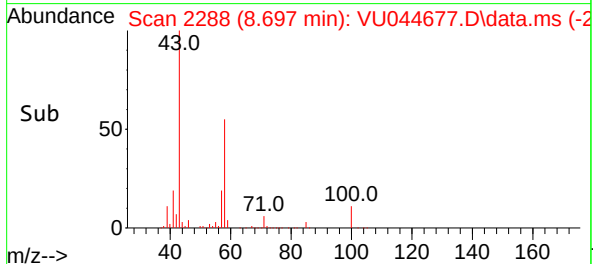
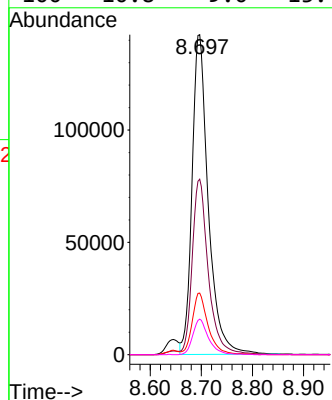
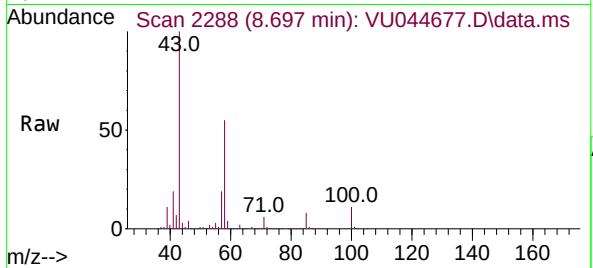




#48
2-Hexanone
Concen: 53.395 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

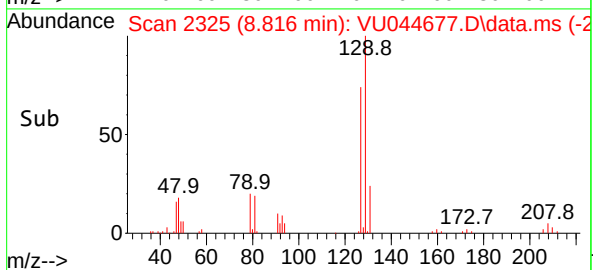
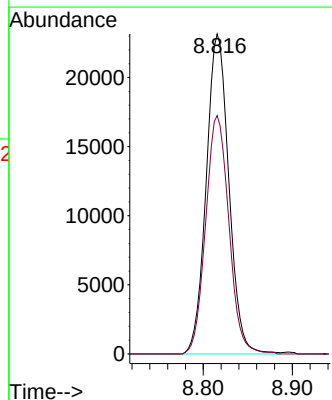
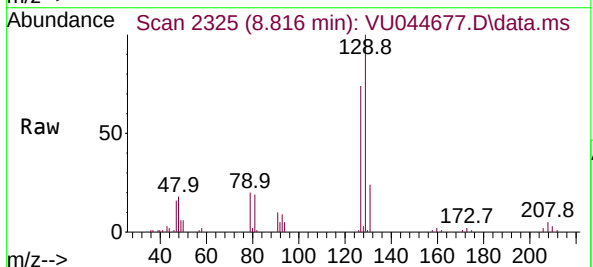
Instrument :
MSVOA_U
ClientSampled :

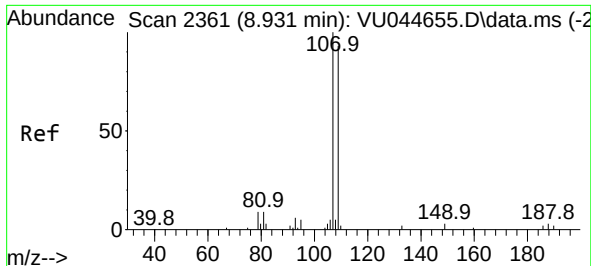
Tgt Ion: 43 Resp: 314051
Ion Ratio Lower Upper
43 100
58 54.4 44.6 66.8
57 18.2 14.8 22.2
100 10.8 9.0 13.4



#49
Dibromochloromethane
Concen: 5.380 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 129 Resp: 40803
Ion Ratio Lower Upper
129 100
127 74.5 53.3 99.1





#50

1,2-Dibromoethane

Concen: 5.389 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.003 min

Lab File: VU044677.D

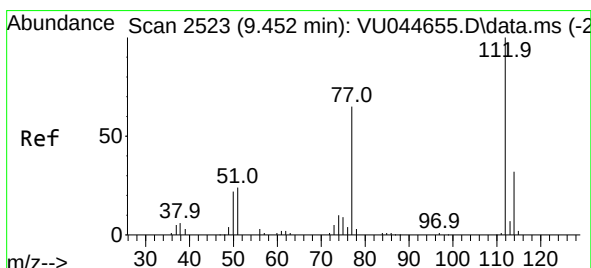
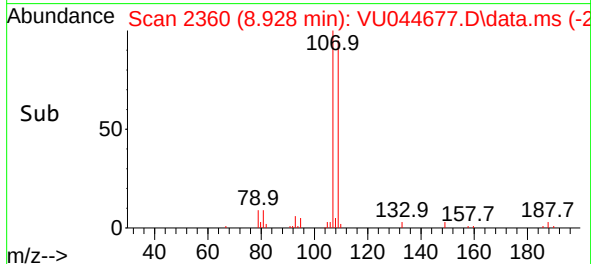
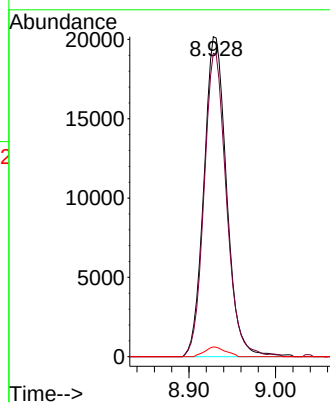
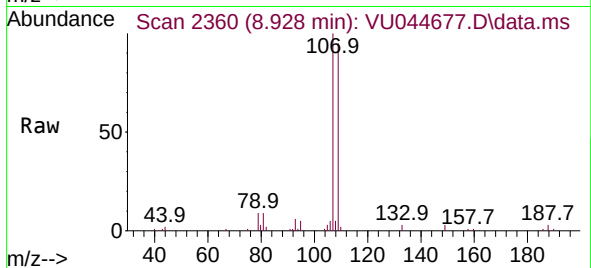
Acq: 17 Sep 2021 10:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	36624
Ion	Ratio	Lower	Upper
107	100		
109	94.8	65.5	121.7
188	3.0	3.0	4.4



#51

Chlorobenzene

Concen: 5.158 ug/L

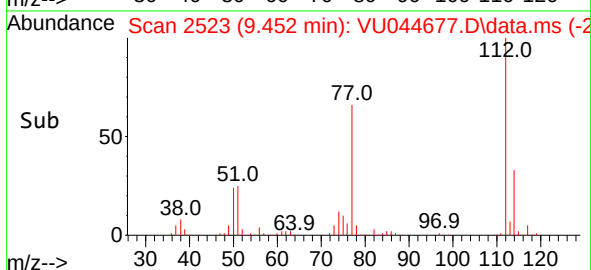
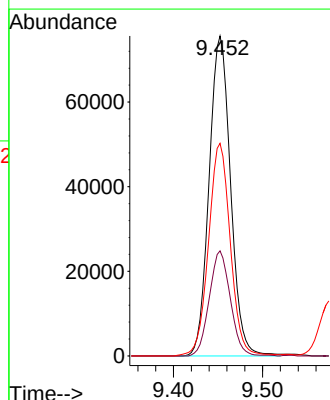
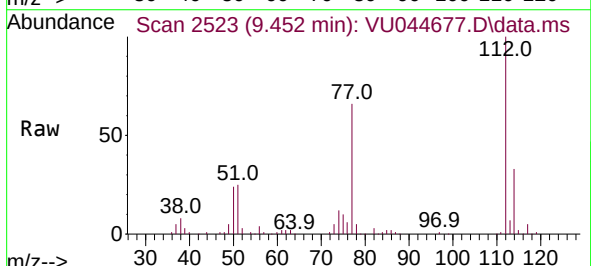
RT: 9.452 min Scan# 2523

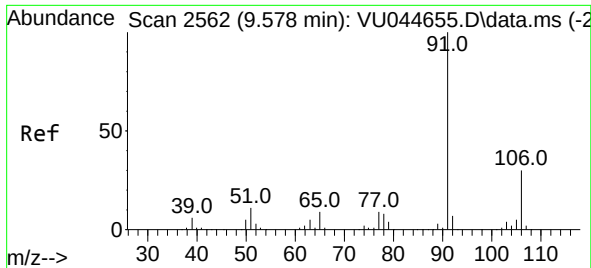
Delta R.T. 0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

Tgt Ion:	112	Resp:	126537
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.8	42.4
77	66.5	51.4	77.0

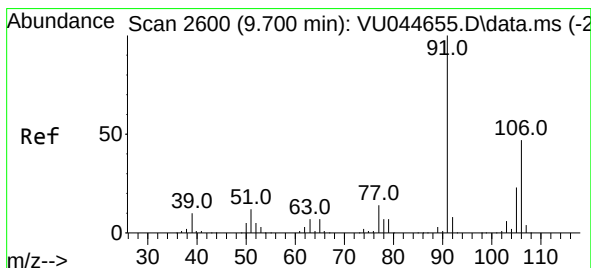
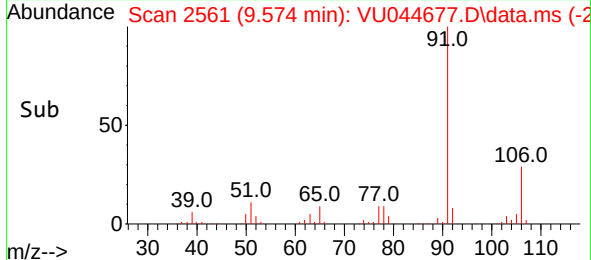
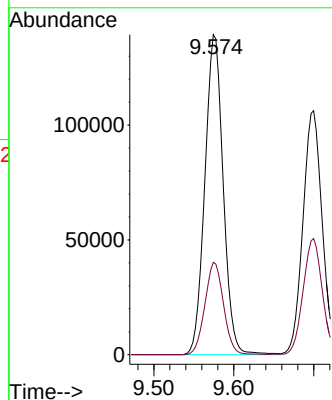
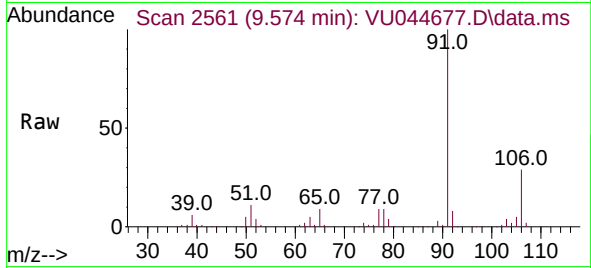




#52
Ethylbenzene
Concen: 5.202 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

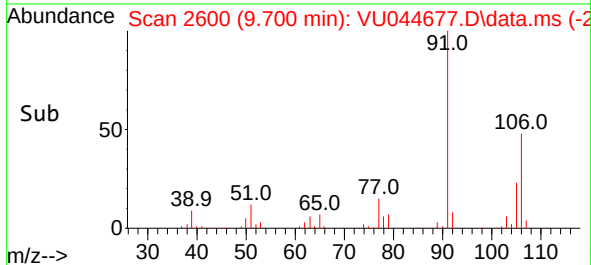
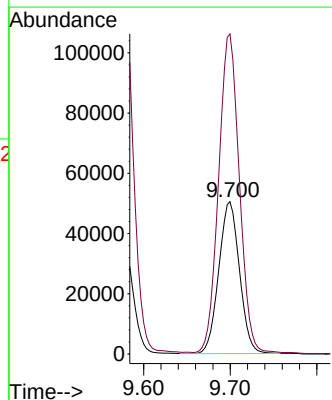
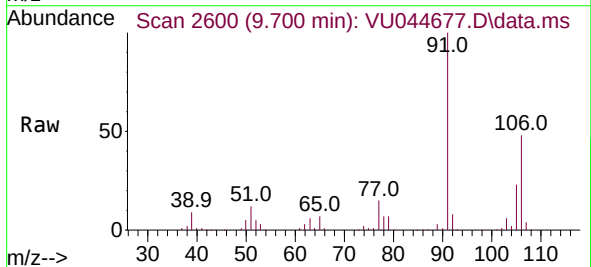
Instrument :
MSVOA_U
ClientSampled :

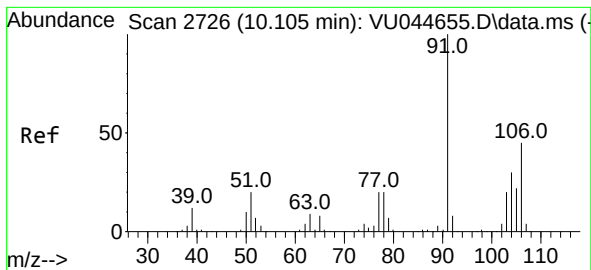
Tgt Ion: 91 Resp: 222951
Ion Ratio Lower Upper
91 100
106 28.8 21.1 39.1



#53
m,p-Xylene
Concen: 5.146 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion:106 Resp: 83872
Ion Ratio Lower Upper
106 100
91 210.1 144.6 268.6

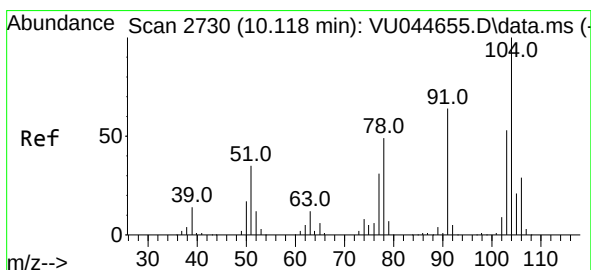
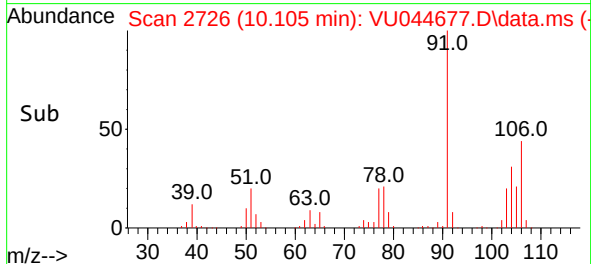
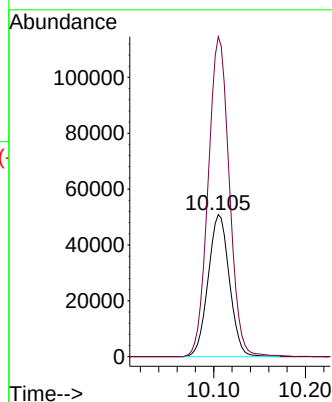
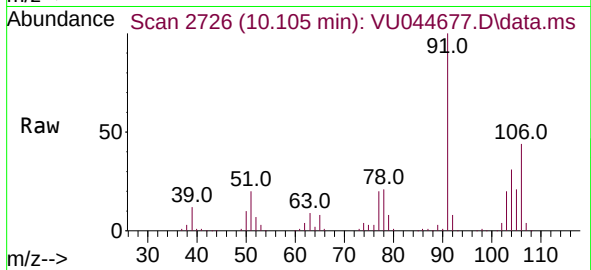




#54
o-Xylene
Concen: 5.266 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

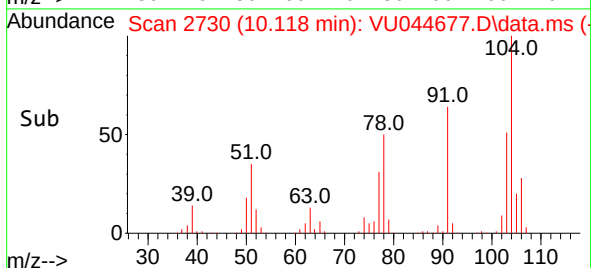
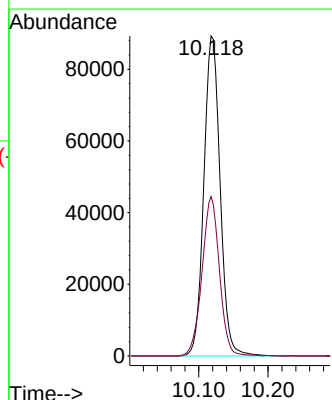
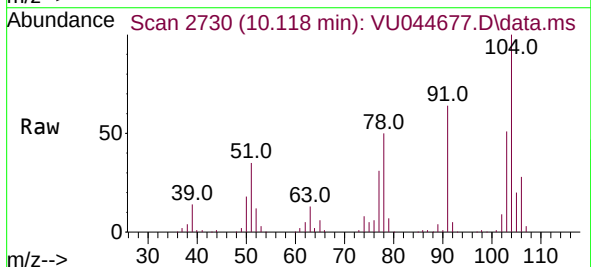
Instrument :
MSVOA_U
ClientSampleId :

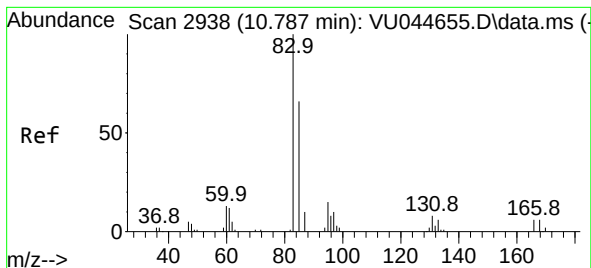
Tgt Ion:106 Resp: 81979
Ion Ratio Lower Upper
106 100
91 225.2 156.2 290.0



#55
Styrene
Concen: 5.344 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion:104 Resp: 145632
Ion Ratio Lower Upper
104 100
78 49.8 33.6 62.4

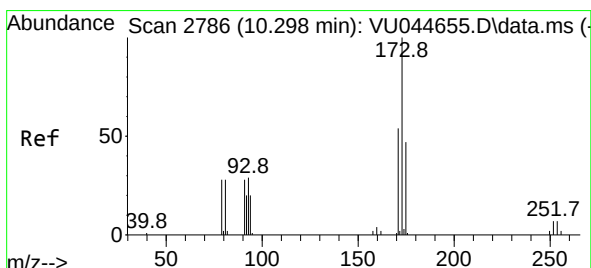
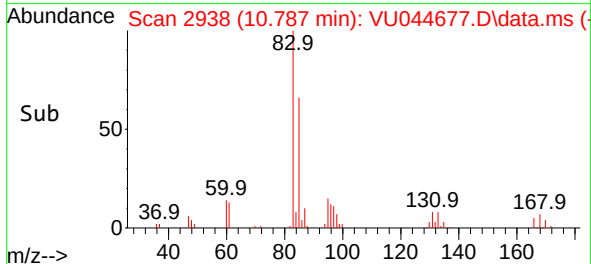
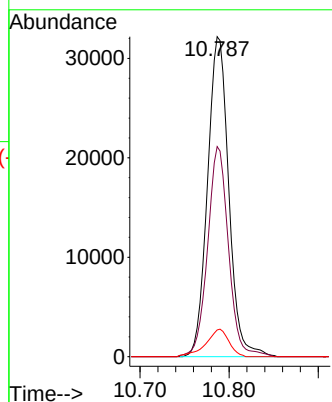
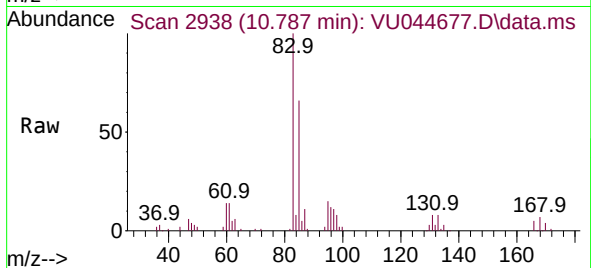




#57
1,1,2,2-Tetrachloroethane
Concen: 5.495 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

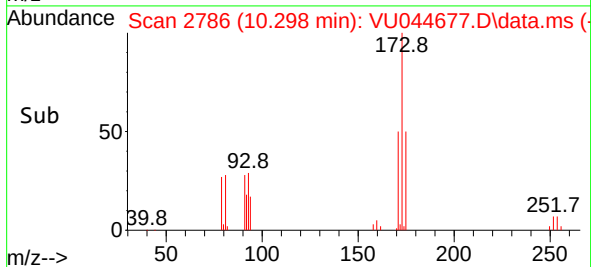
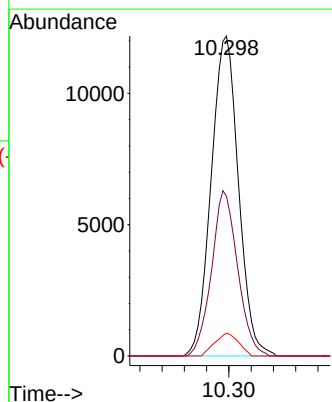
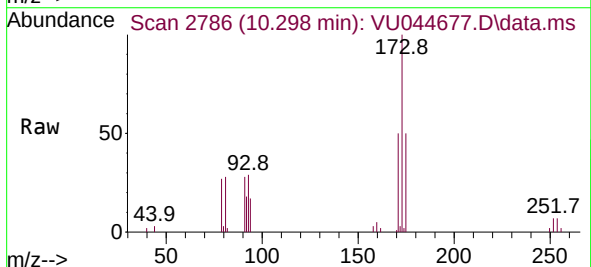
Instrument :
MSVOA_U
ClientSampleId :

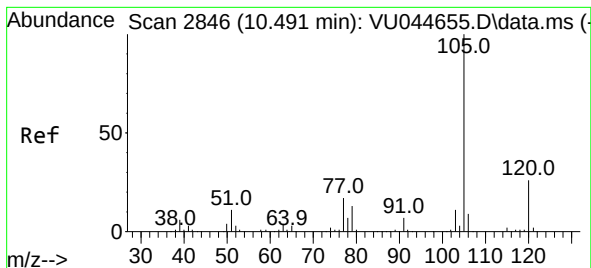
Tgt Ion:	83	Resp:	53256
Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.5	82.7
131	8.3	6.6	10.0



#59
Bromoform
Concen: 5.402 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion:	173	Resp:	20706
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.8	58.2
254	6.2	4.9	7.3





#60

Isopropylbenzene

Concen: 5.623 ug/L

RT: 10.488 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

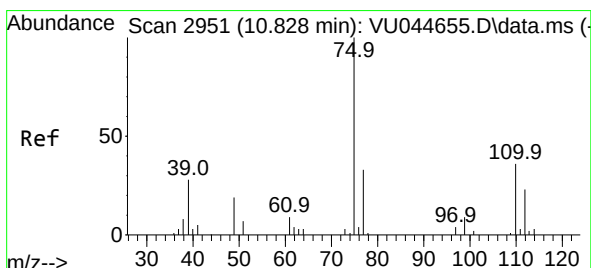
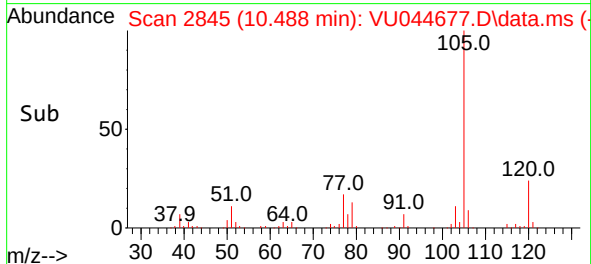
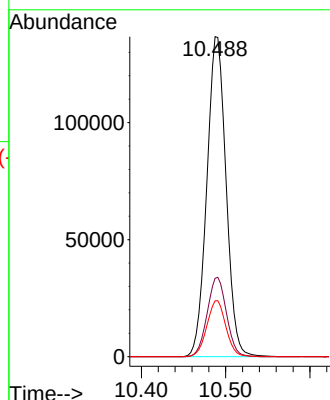
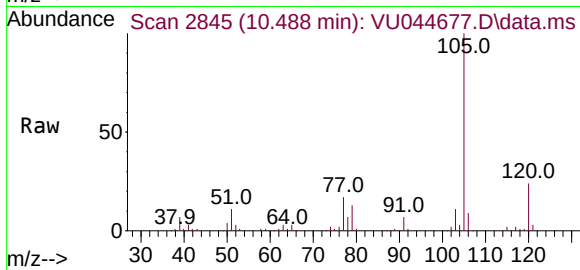
Tgt Ion:105 Resp: 217080

Ion Ratio Lower Upper

105 100

120 24.9 20.2 30.2

77 17.3 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 5.745 ug/L

RT: 10.828 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU044677.D

Acq: 17 Sep 2021 10:41

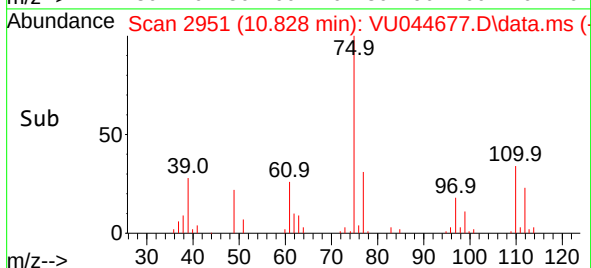
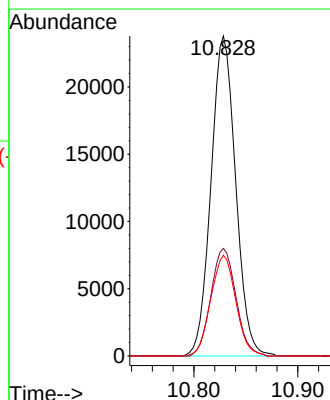
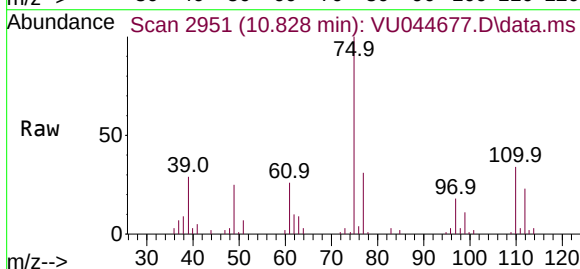
Tgt Ion: 75 Resp: 39148

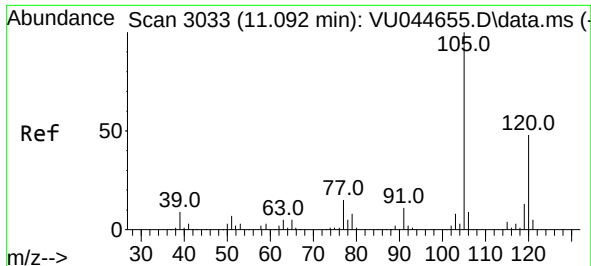
Ion Ratio Lower Upper

75 100

110 34.2 28.8 43.2

77 32.0 25.9 38.9

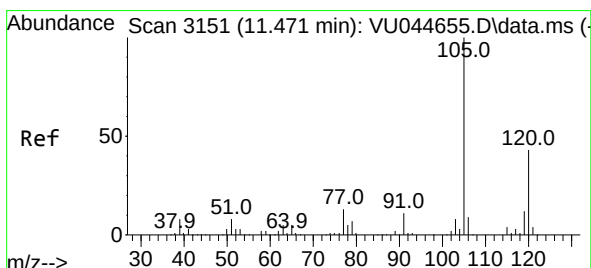
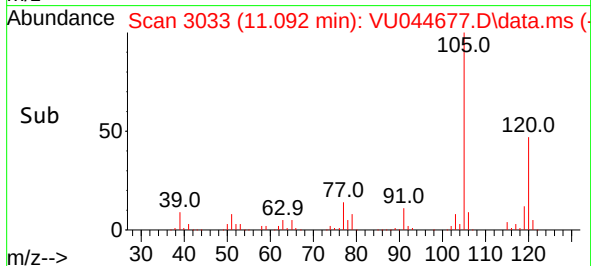
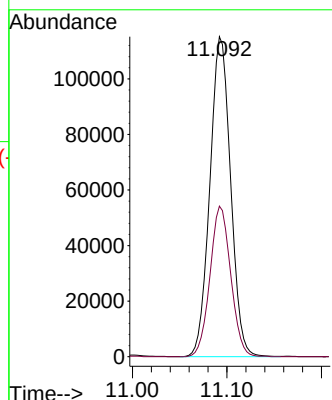
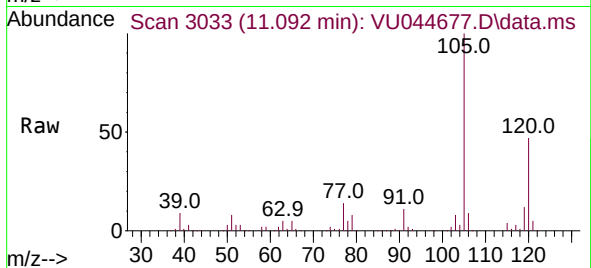




#62
1,3,5-Trimethylbenzene
Concen: 5.473 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

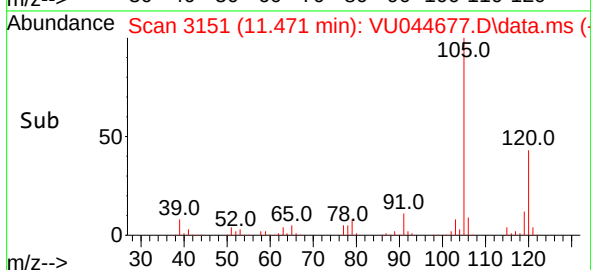
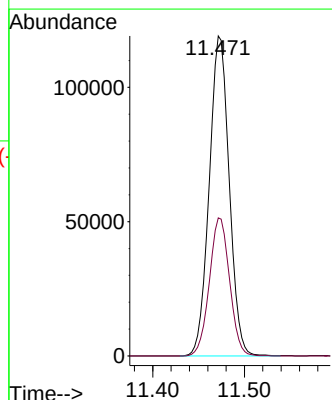
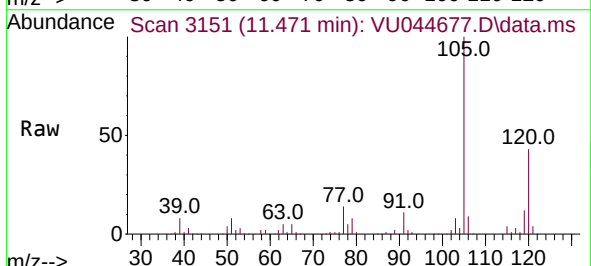
Instrument :
MSVOA_U
ClientSampleId :

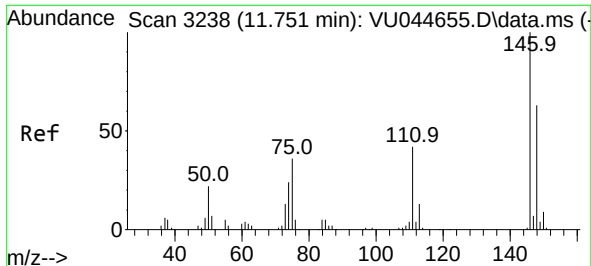
Tgt Ion:105 Resp: 175454
Ion Ratio Lower Upper
105 100
120 47.0 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 5.480 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion:105 Resp: 180427
Ion Ratio Lower Upper
105 100
120 43.6 35.4 53.2

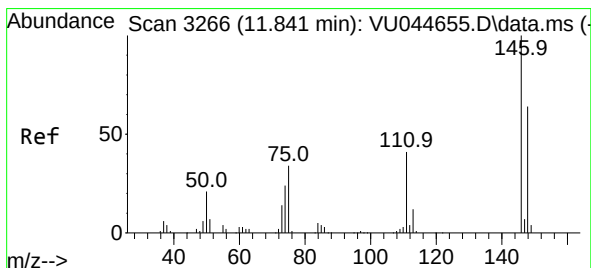
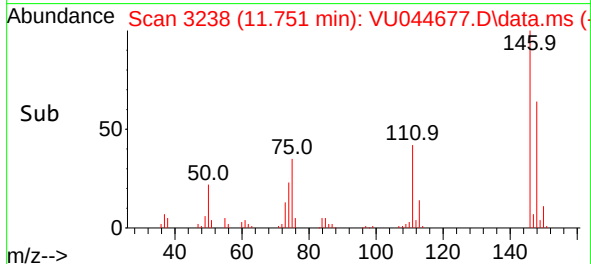
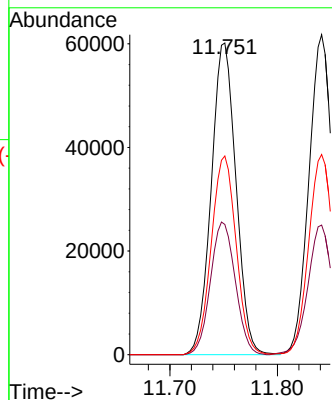
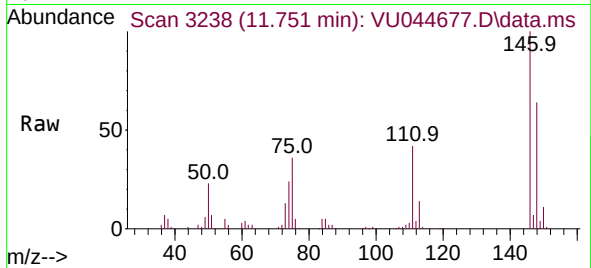




#64
1,3-Dichlorobenzene
Concen: 5.340 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

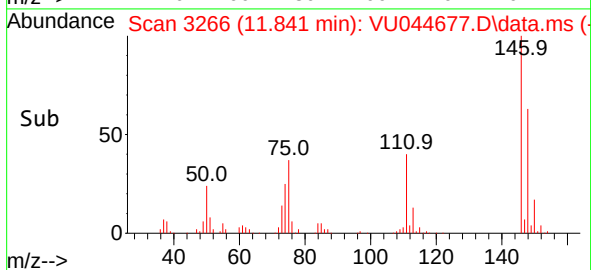
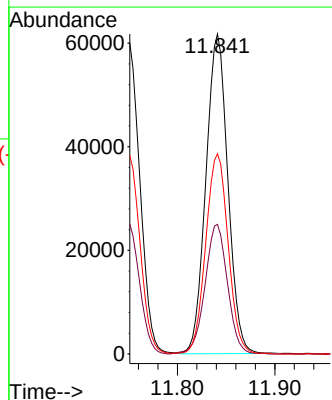
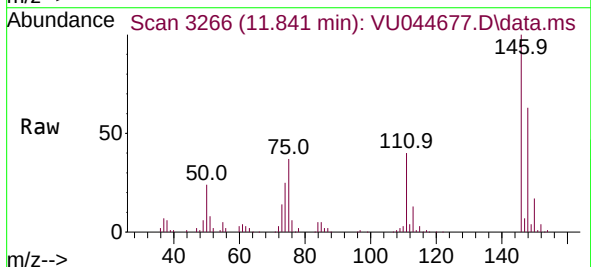
Instrument :
MSVOA_U
ClientSampleId :

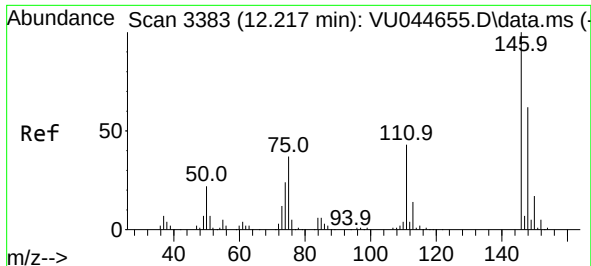
Tgt Ion:146 Resp: 96121
Ion Ratio Lower Upper
146 100
111 41.8 29.8 55.4
148 63.8 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 5.196 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion:146 Resp: 96482
Ion Ratio Lower Upper
146 100
111 40.5 28.7 53.3
148 62.6 45.4 84.4

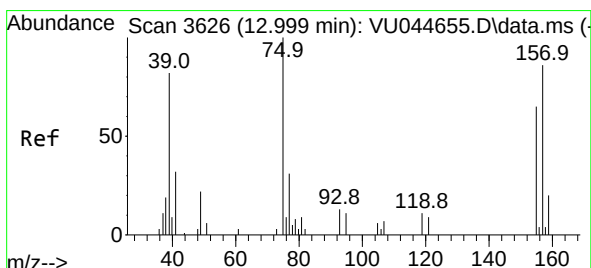
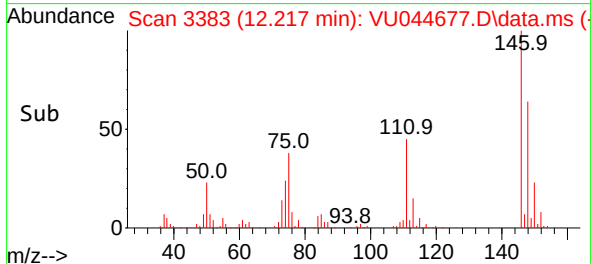
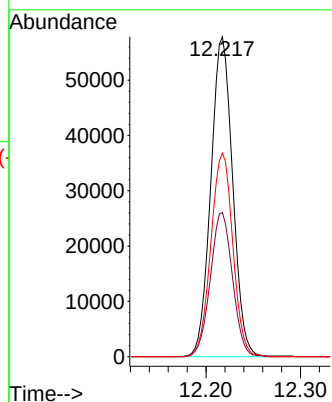
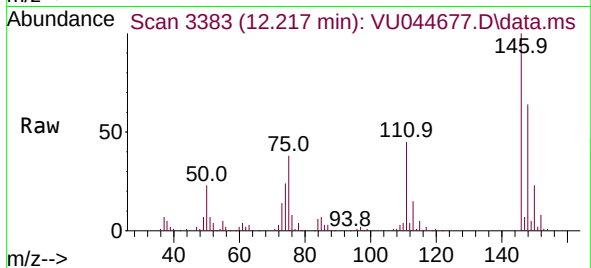




#67
1,2-Dichlorobenzene
Concen: 5.423 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

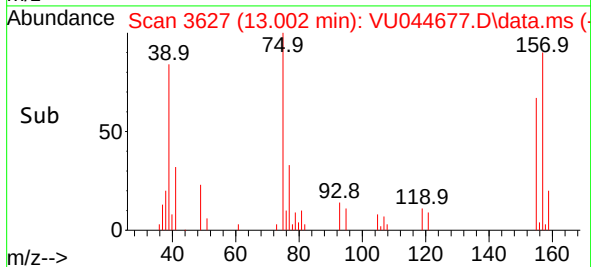
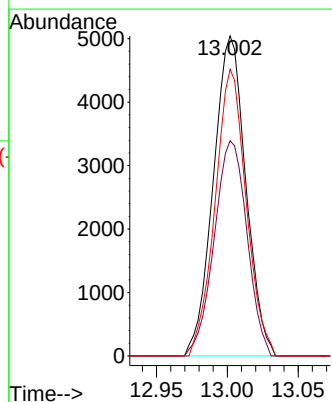
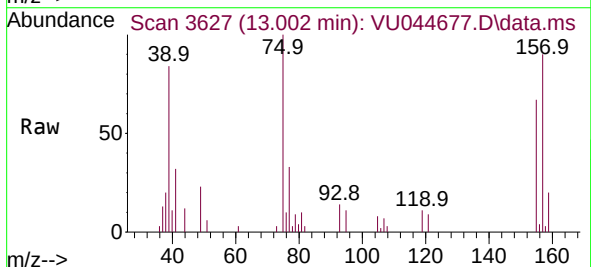
Instrument :
MSVOA_U
ClientSampleId :

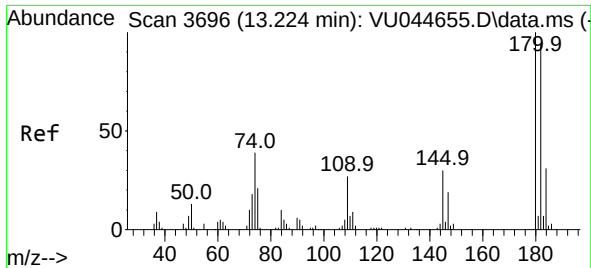
Tgt Ion:146 Resp: 92656
Ion Ratio Lower Upper
146 100
111 45.0 34.6 51.8
148 63.6 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.370 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion: 75 Resp: 8047
Ion Ratio Lower Upper
75 100
155 67.2 54.0 81.0
157 89.6 65.4 98.2



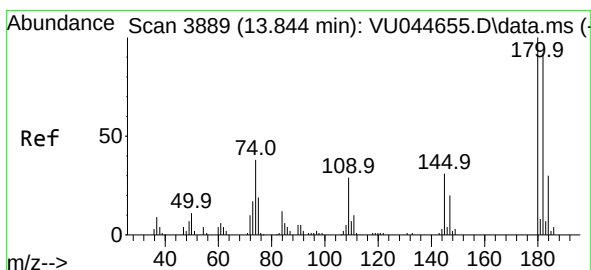
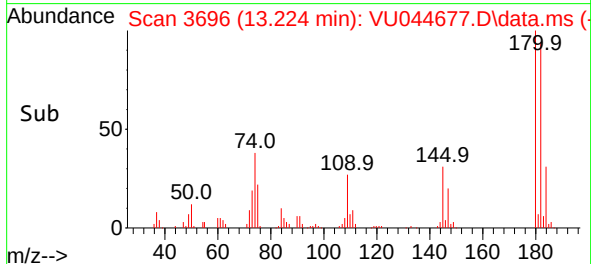
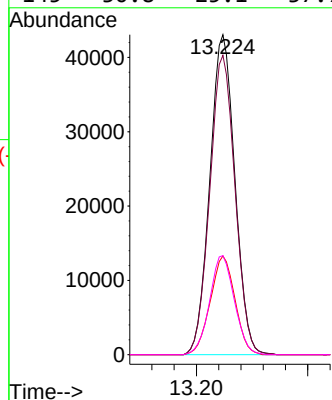
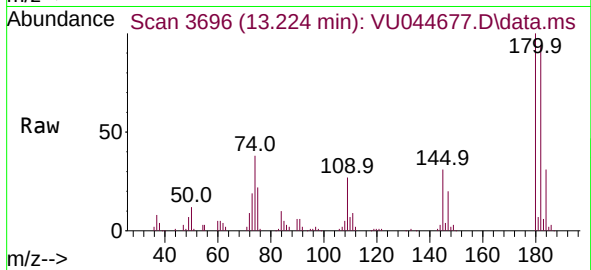


#69
 1,3,5-Trichlorobenzene
 Concen: 4.905 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU044677.D
 Acq: 17 Sep 2021 10:41

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion:180 Resp: 67113

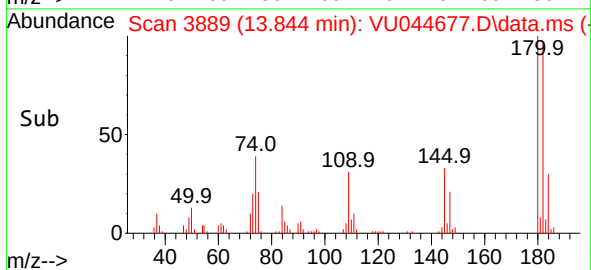
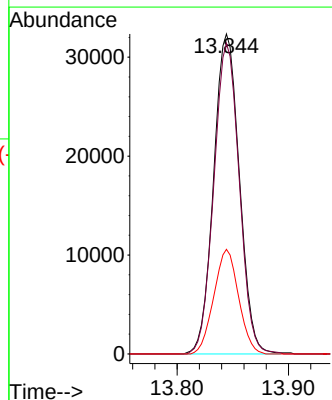
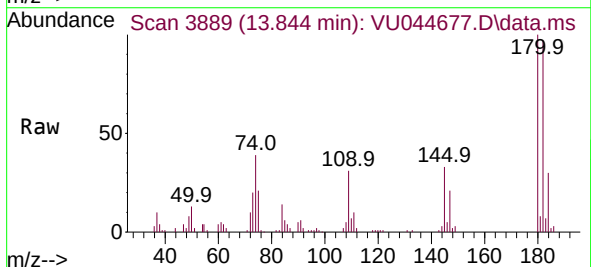
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.9	115.3
184	30.4	24.1	36.1
145	30.8	25.1	37.7

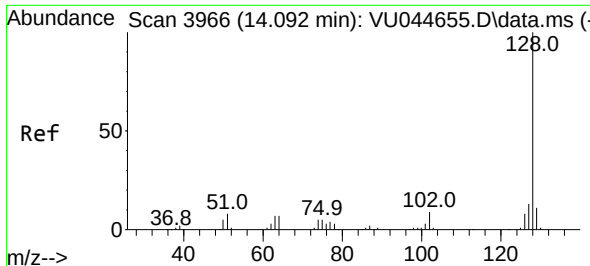


#70
 1,2,4-trichlorobenzene
 Concen: 4.498 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044677.D
 Acq: 17 Sep 2021 10:41

Tgt Ion:180 Resp: 51920

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.4	113.0
145	31.5	25.2	37.8

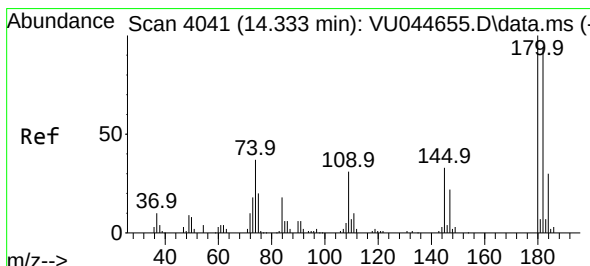
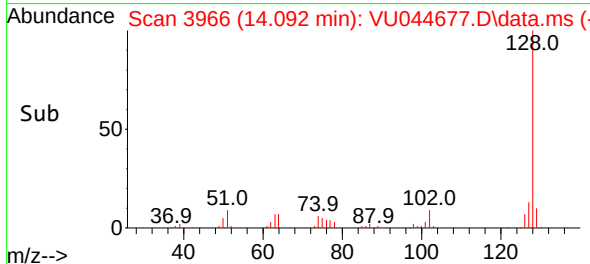
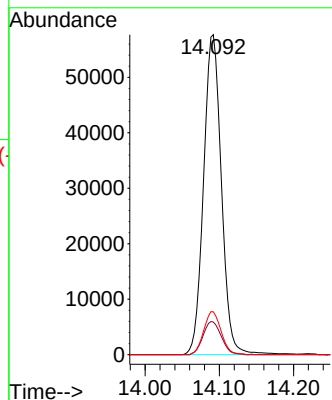
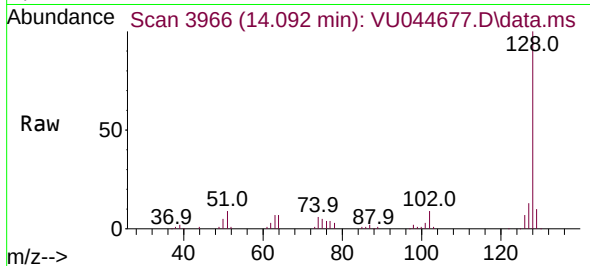




#71
Naphthalene
Concen: 4.271 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 96172
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.690 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044677.D
Acq: 17 Sep 2021 10:41

Tgt Ion:180 Resp: 49830
Ion Ratio Lower Upper
180 100
182 96.1 75.9 113.9
145 34.3 27.0 40.6

