

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044772.D
 Acq On : 23 Sep 2021 09:29
 Operator : SY/MD
 Sample : VSTD00513
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:16:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	248013	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	242588	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	113205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	14265	6.579	ug/L	0.00
7) Chloroethane-d5	1.903	69	11115	6.909	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	23877	6.462	ug/L	0.00
21) 2-Butanone-d5	4.629	46	19338	11.363	ug/L	0.00
24) Chloroform-d	5.070	84	22260	6.129	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	15321	6.669	ug/L	0.00
32) Benzene-d6	5.732	84	42271	5.699	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	14160	5.852	ug/L	0.00
41) Toluene-d8	7.903	98	34681	5.243	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5589	5.250	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	11683	9.761	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	20644	5.634	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	12520	5.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	12653	5.924	ug/L	100
3) Chloromethane	1.520	50	16997	6.507	ug/L	95
5) Vinyl chloride	1.607	62	16074	6.354	ug/L	83
6) Bromomethane	1.839	94	8441	7.135	ug/L	99
8) Chloroethane	1.925	64	10216	6.958	ug/L	88
9) Trichlorofluoromethane	2.134	101	18556	6.457	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	11666	6.281	ug/L	98
12) 1,1-Dichloroethene	2.581	96	10075	5.547	ug/L	92
13) Acetone	2.630	43	29325	20.840	ug/L	99
14) Carbon disulfide	2.797	76	32810	5.722	ug/L	98
15) Methyl Acetate	2.954	43	16232	6.161	ug/L	100
16) Methylene chloride	3.051	84	13877	5.156	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	10337	5.496	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	33245	5.714	ug/L	99
19) 1,1-Dichloroethane	3.874	63	22805	6.118	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	11116	5.366	ug/L	90
22) 2-Butanone	4.710	43	28787	14.176	ug/L	98
23) Bromochloromethane	4.983	128	6165	5.561	ug/L	94
25) Chloroform	5.092	83	23223	6.352	ug/L	100
27) 1,2-Dichloroethane	5.803	62	19089	6.635	ug/L	98
29) Cyclohexane	5.391	56	17252	5.196	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	17522	5.803	ug/L	96
31) Carbon tetrachloride	5.530	117	14016	5.732	ug/L	100
33) Benzene	5.781	78	46958	5.619	ug/L	100
34) Trichloroethene	6.549	95	11607	5.724	ug/L	98
35) Methylcyclohexane	6.768	83	17507	5.379	ug/L	97
37) 1,2-Dichloropropane	6.797	63	13099	5.737	ug/L	100
38) Bromodichloromethane	7.112	83	15623	5.739	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	16580	5.273	ug/L	96
40) 4-Methyl-2-pentanone	7.797	43	36908	10.513	ug/L	98
42) Toluene	7.973	91	45298	5.211	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	15600	5.258	ug/L	99

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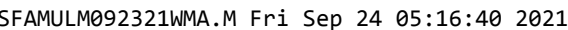
Instrument :
 MSVOA_U
 ClientSampleId :

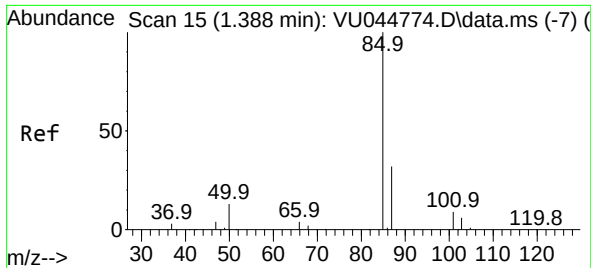
Quant Time: Sep 24 05:16:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	11643	5.562	ug/L	97
46) Tetrachloroethene	8.559	164	8188	5.256	ug/L	98
48) 2-Hexanone	8.690	43	33330	11.538	ug/L	95
49) Dibromochloromethane	8.816	129	11347	5.334	ug/L	91
50) 1,2-Dibromoethane	8.928	107	11887	5.462	ug/L	97
51) Chlorobenzene	9.452	112	29236	5.453	ug/L	98
52) Ethylbenzene	9.575	91	45853	5.102	ug/L	97
53) m,p-Xylene	9.700	106	16871	4.967	ug/L	95
54) o-xylene	10.105	106	16591	4.921	ug/L	94
55) Styrene	10.118	104	26025	4.568	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	21361	5.569	ug/L	97
59) Bromoform	10.295	173	7132	4.855	ug/L #	92
60) 1,2,3-Trichloropropane	10.829	75	17707	6.472	ug/L	98
61) Isopropylbenzene	10.488	105	41293	5.441	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	32329	5.124	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	32313	5.082	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	20293	5.590	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	21240	5.733	ug/L	92
67) 1,2-Dichlorobenzene	12.218	146	20470	5.417	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	4207	5.516	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	13112	4.926	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	9694	4.269	ug/L	99
71) Naphthalene	14.092	128	26494	3.459	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	9547	4.015	ug/L	98

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

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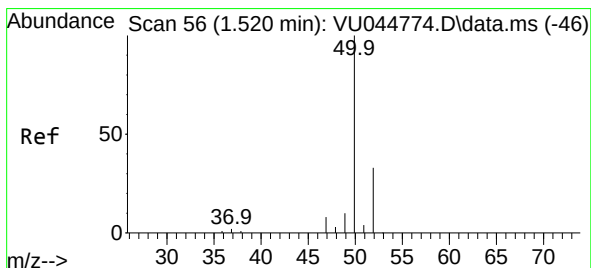
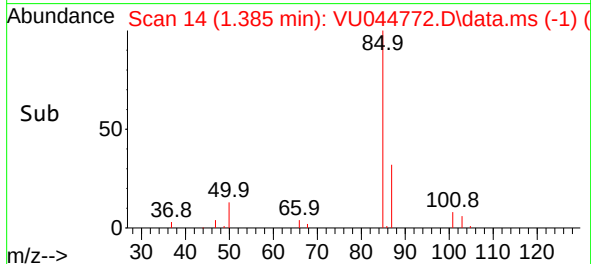
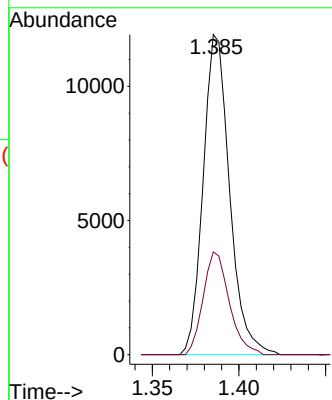
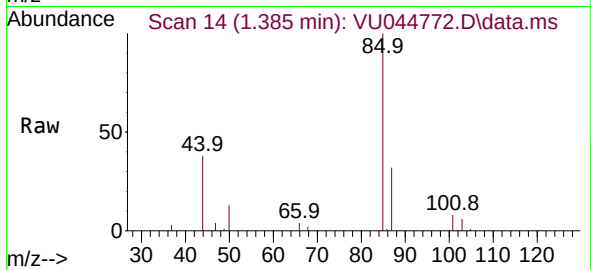




#2
Dichlorodifluoromethane
Concen: 5.924 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

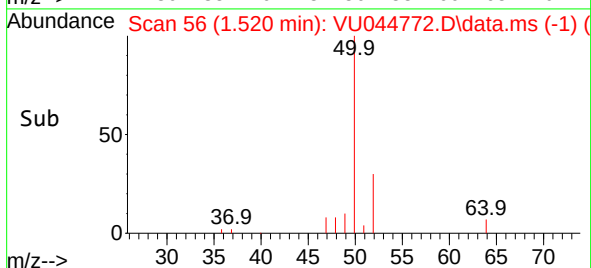
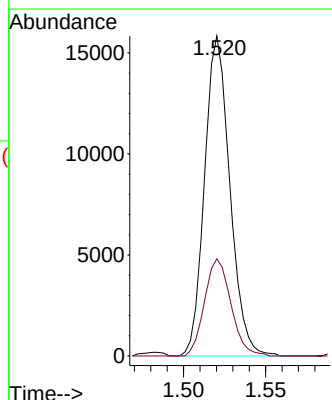
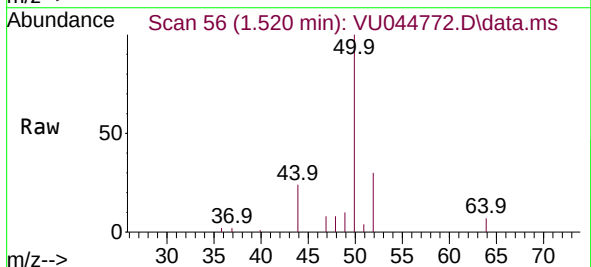
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MSVOA_U
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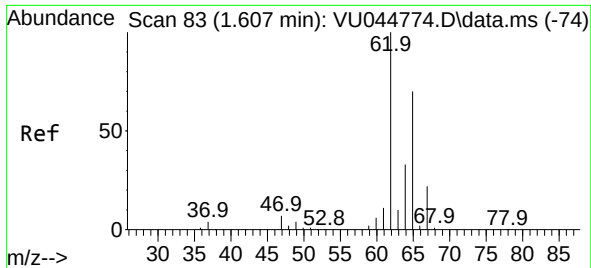
Tgt Ion: 85 Resp: 12653
Ion Ratio Lower Upper
85 100
87 31.7 25.2 37.8



#3
Chloromethane
Concen: 6.507 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 50 Resp: 16997
Ion Ratio Lower Upper
50 100
52 30.3 23.0 42.8

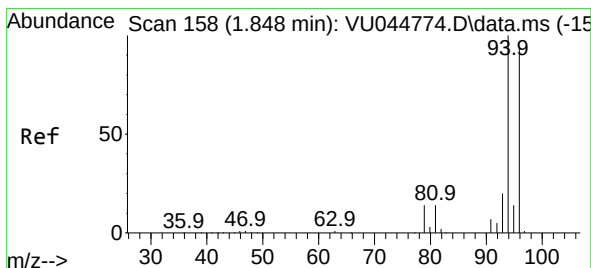
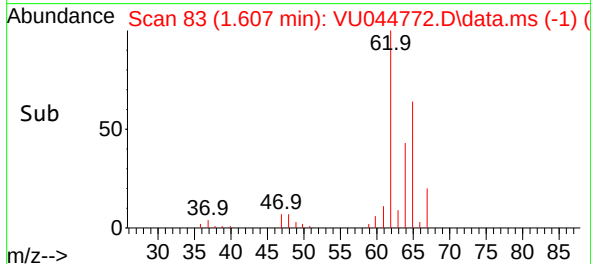
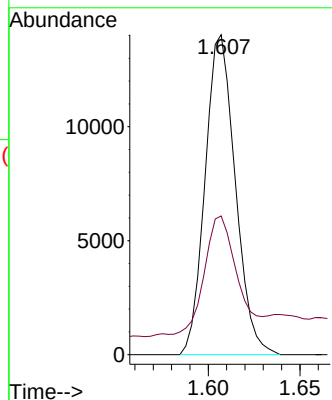
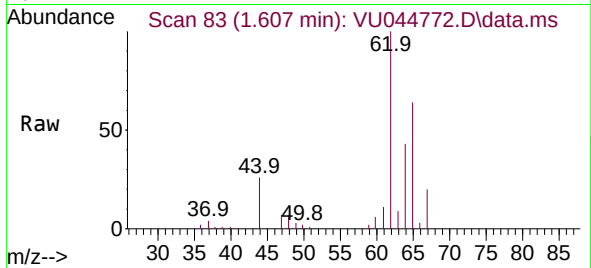




#5
 Vinyl chloride
 Concen: 6.354 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044772.D
 Acq: 23 Sep 2021 09:29

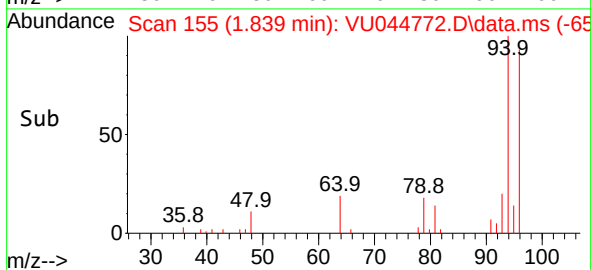
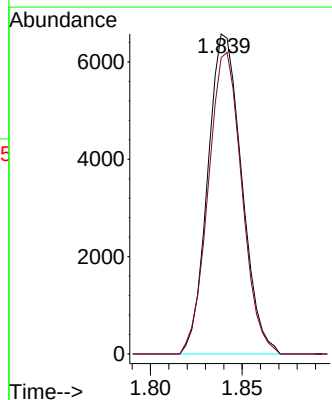
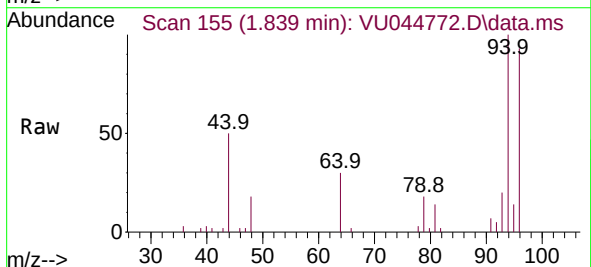
Instrument :
 MSVOA_U
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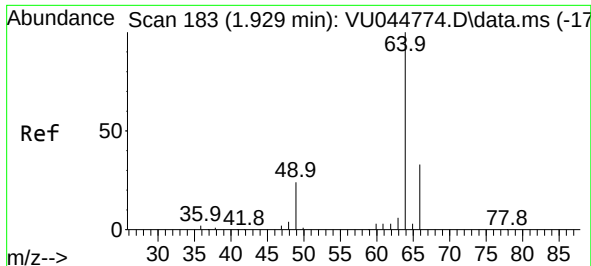
Tgt Ion: 62 Resp: 16074
 Ion Ratio Lower Upper
 62 100
 64 43.3 23.4 43.6



#6
 Bromomethane
 Concen: 7.135 ug/L
 RT: 1.839 min Scan# 155
 Delta R.T. -0.010 min
 Lab File: VU044772.D
 Acq: 23 Sep 2021 09:29

Tgt Ion: 94 Resp: 8441
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.7 121.9

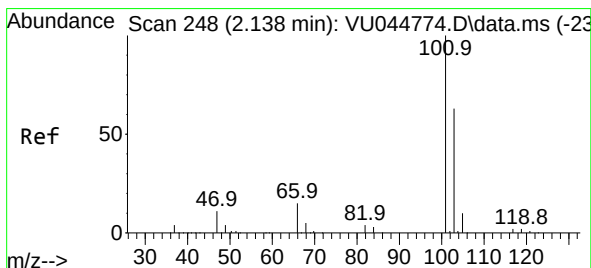
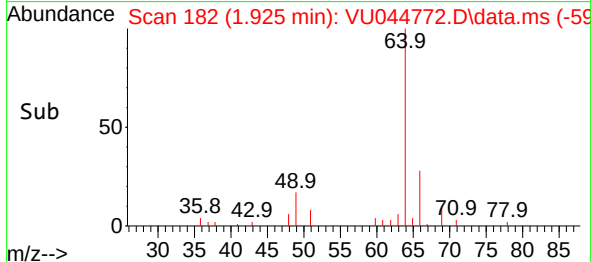
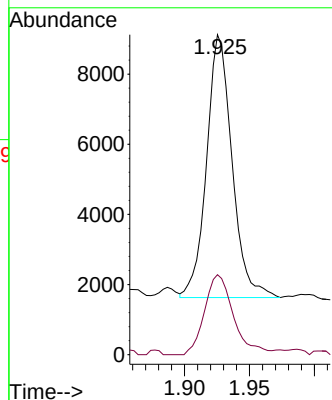
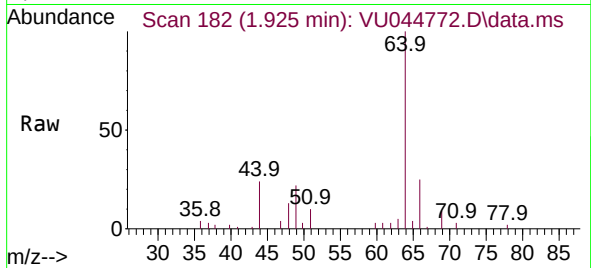




#8
Chloroethane
Concen: 6.958 ug/L
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

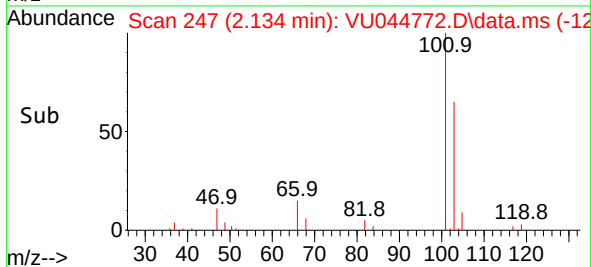
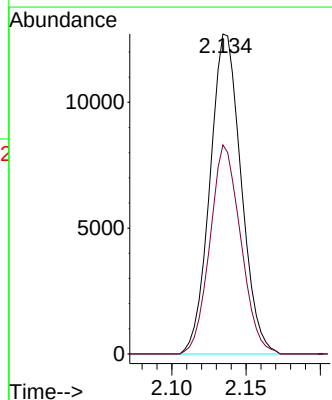
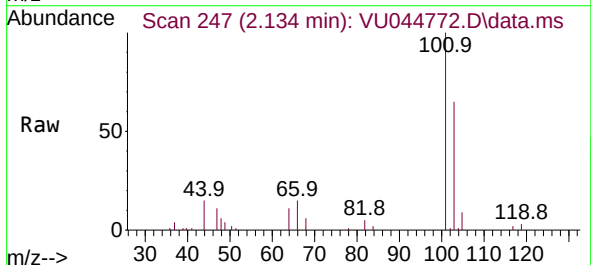
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MSVOA_U
ClientSampled :

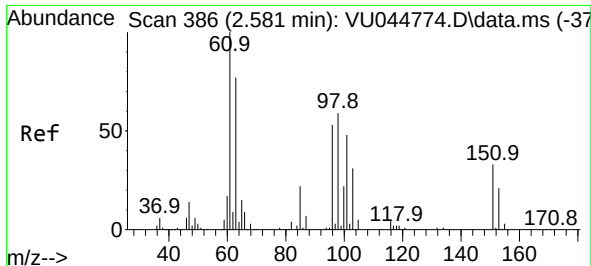
Tgt Ion: 64 Resp: 10216
Ion Ratio Lower Upper
64 100
66 25.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 6.457 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion:101 Resp: 18556
Ion Ratio Lower Upper
101 100
103 64.5 50.9 76.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.281 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU044772.D

Acq: 23 Sep 2021 09:29

Tgt Ion:101 Resp: 11666

Ion Ratio Lower Upper

101 100

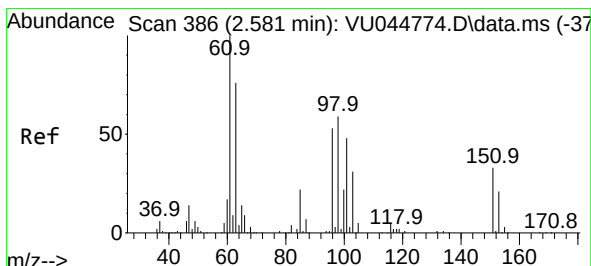
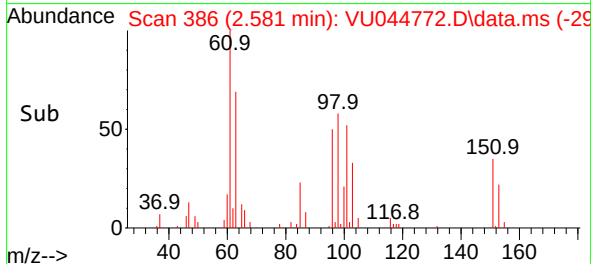
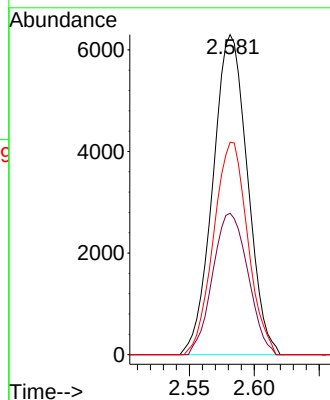
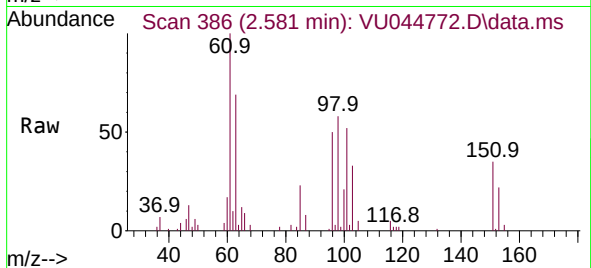
85 45.0 36.4 54.6

151 65.6 54.4 81.6

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 5.547 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU044772.D

Acq: 23 Sep 2021 09:29

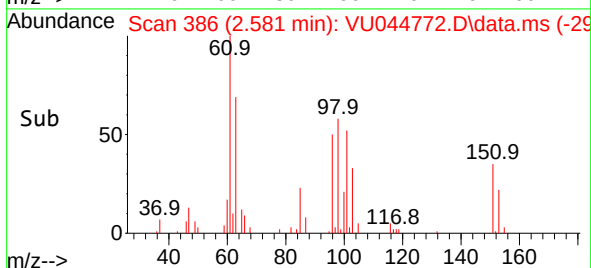
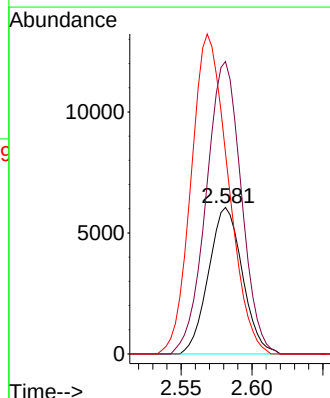
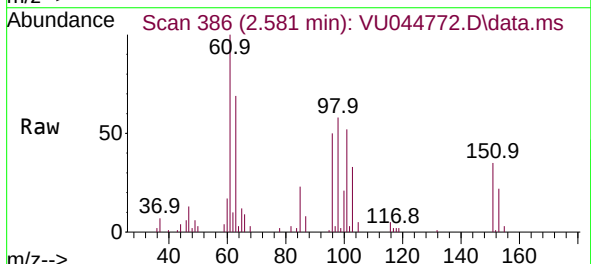
Tgt Ion: 96 Resp: 10075

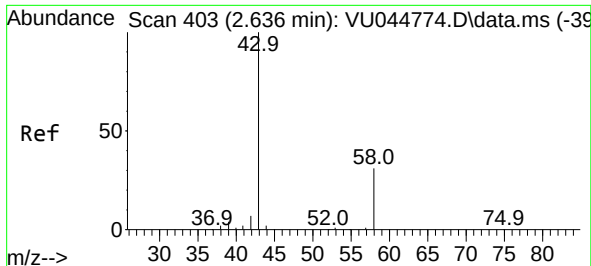
Ion Ratio Lower Upper

96 100

61 199.6 131.3 243.9

63 137.1 102.5 190.3

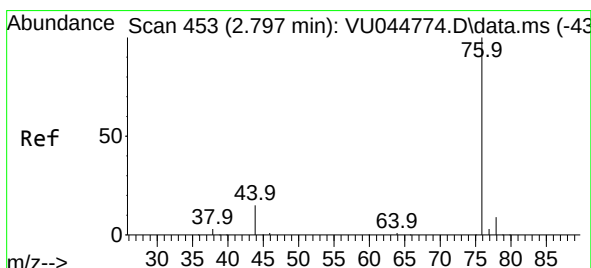
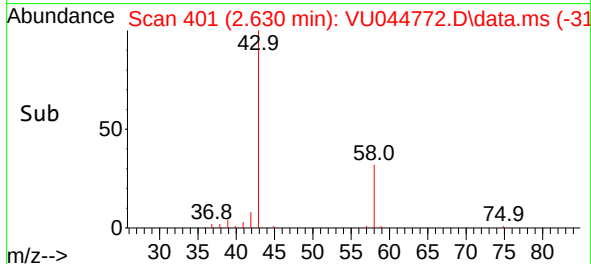
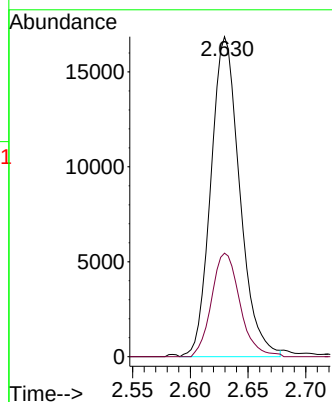
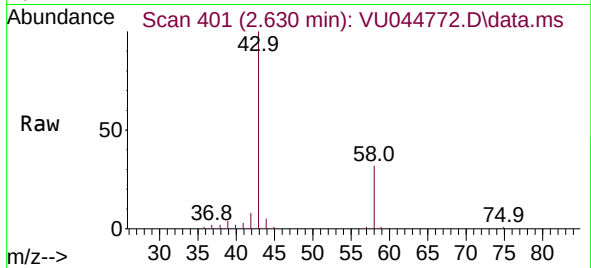




#13
Acetone
Concen: 20.840 ug/L
RT: 2.630 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

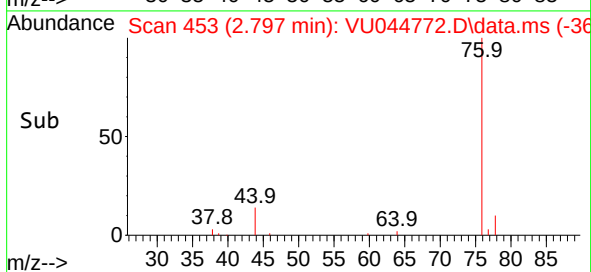
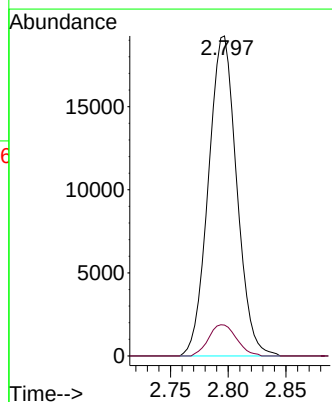
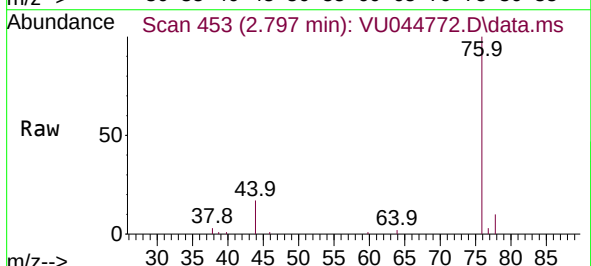
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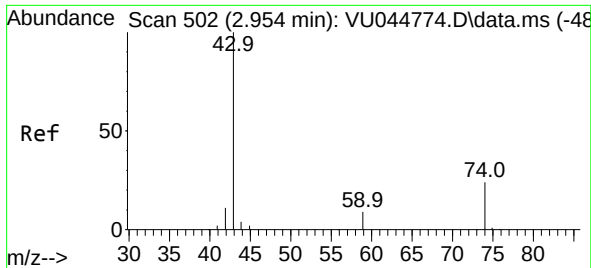
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Ion Ratio Lower Upper
43 100
58 31.8 0.0 62.8



#14
Carbon disulfide
Concen: 5.722 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 76 Resp: 32810
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

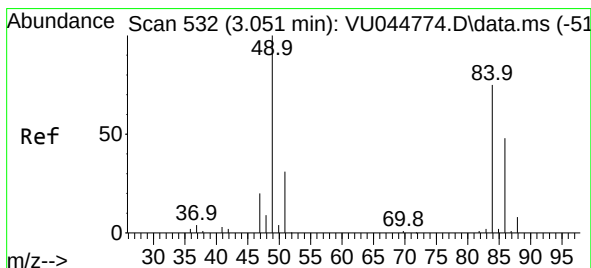
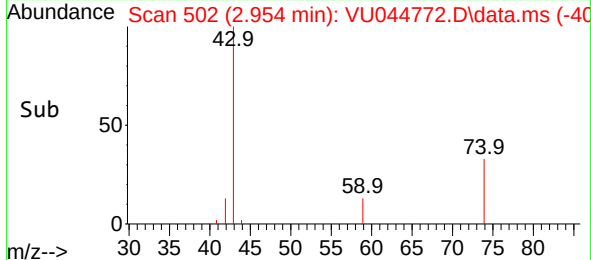
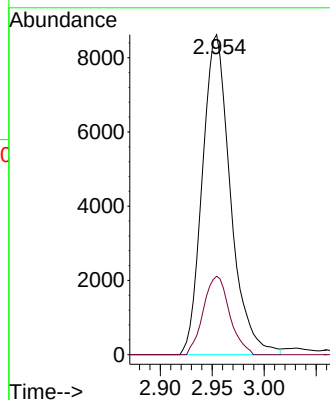
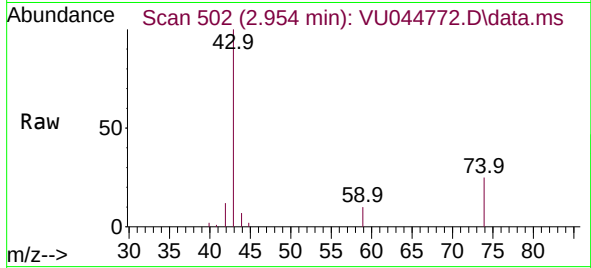




#15
Methyl Acetate
Concen: 6.161 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

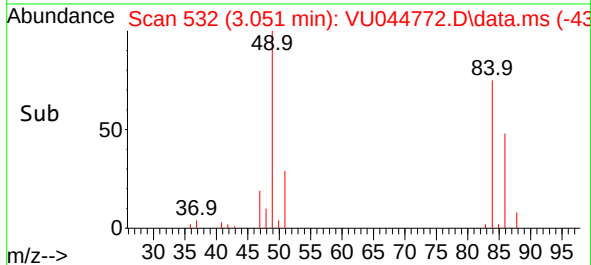
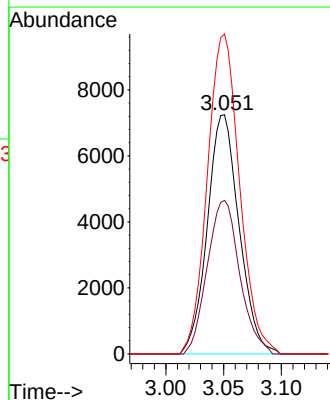
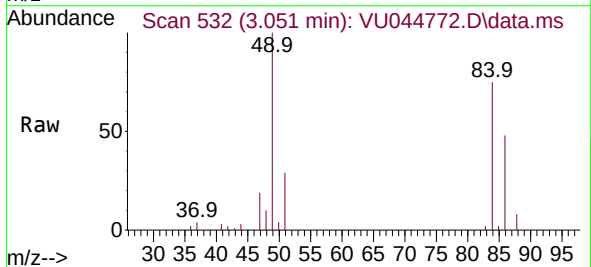
Instrument :
MSVOA_U
ClientSampled :

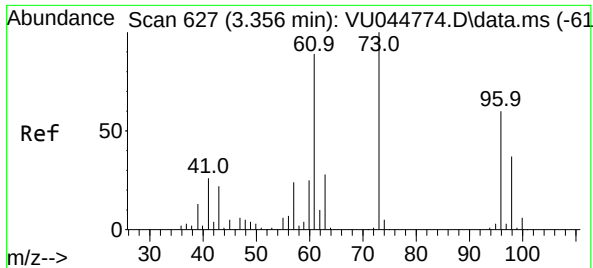
Tgt Ion: 43 Resp: 16232
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6



#16
Methylene chloride
Concen: 5.156 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 84 Resp: 13877
Ion Ratio Lower Upper
84 100
86 64.2 44.7 83.1
49 133.8 92.9 172.5



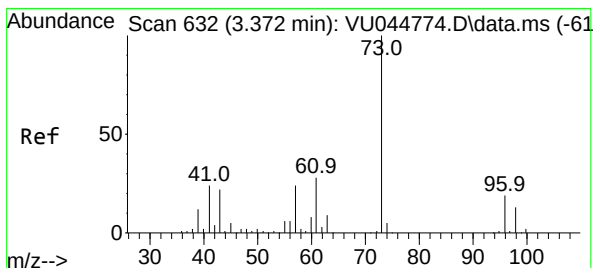
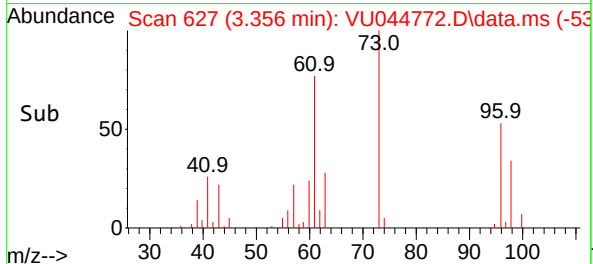
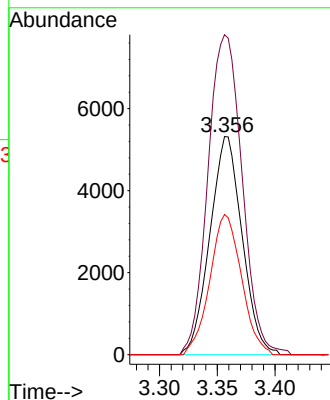
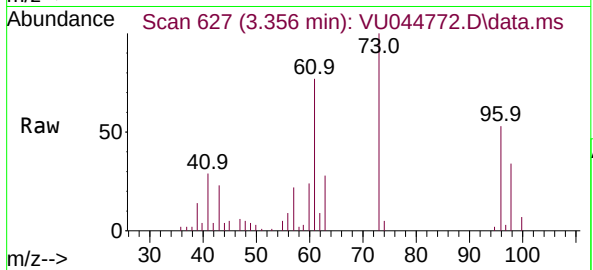


#17

trans-1,2-Dichloroethene
Concen: 5.496 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Instrument :
MSVOA_U
ClientSampleId :

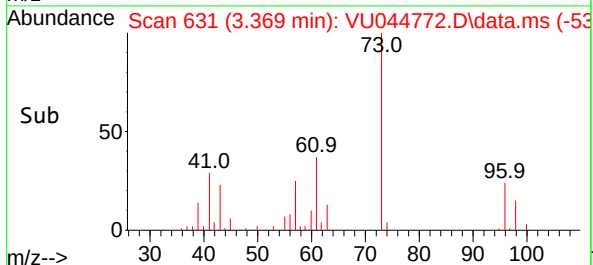
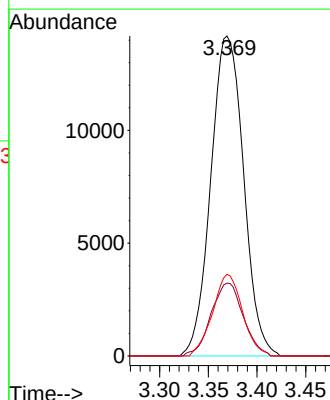
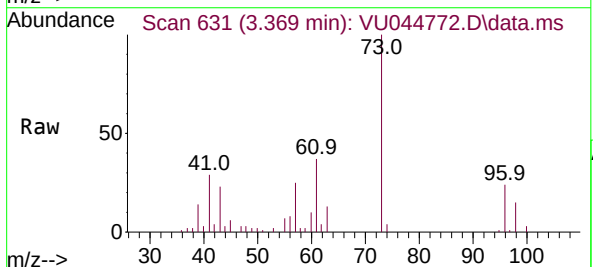
Tgt Ion: 96 Resp: 10337
Ion Ratio Lower Upper
96 100
61 146.7 105.1 195.3
98 64.2 43.0 79.8

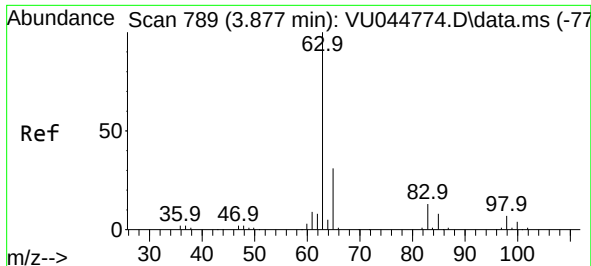


#18

Methyl tert-butyl Ether
Concen: 5.714 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 73 Resp: 33245
Ion Ratio Lower Upper
73 100
43 22.4 17.3 25.9
57 23.2 18.7 28.1





#19

1,1-Dichloroethane

Concen: 6.118 ug/L

RT: 3.874 min Scan# 788

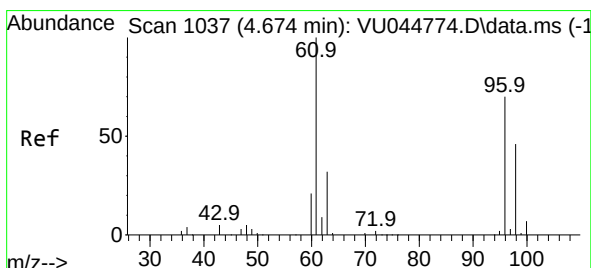
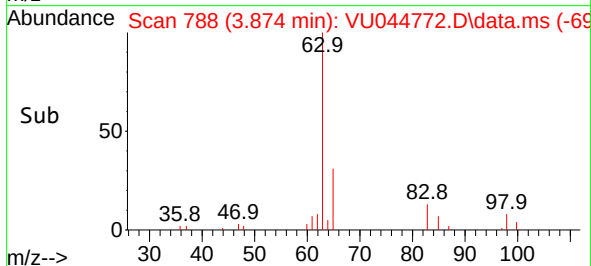
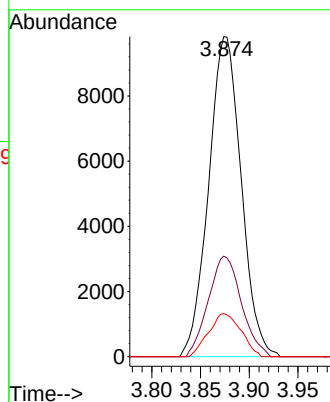
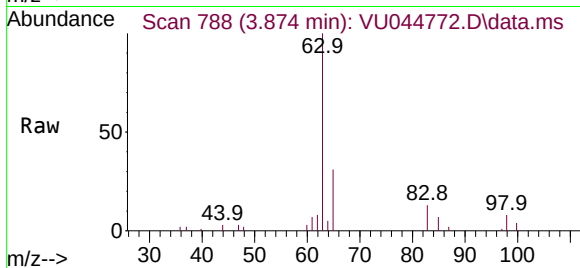
Delta R.T. -0.003 min

Lab File: VU044772.D

Acq: 23 Sep 2021 09:29

Tgt Ion:	63	Resp:	22805
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.0	40.8
83	13.5	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 5.366 ug/L

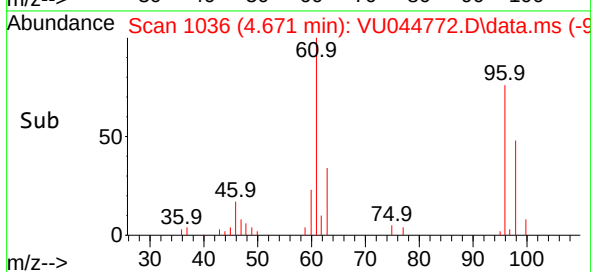
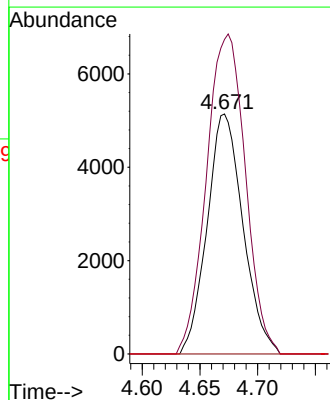
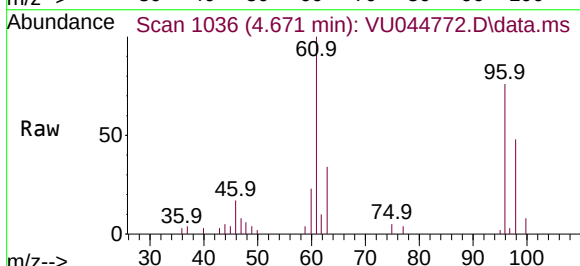
RT: 4.671 min Scan# 1036

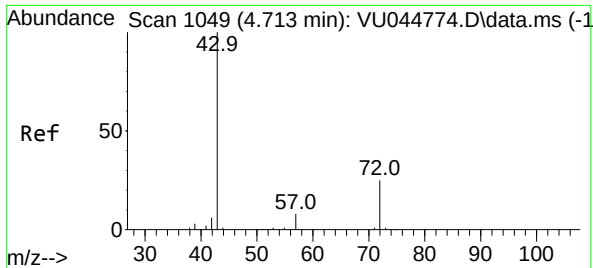
Delta R.T. -0.003 min

Lab File: VU044772.D

Acq: 23 Sep 2021 09:29

Tgt Ion:	96	Resp:	11116
Ion	Ratio	Lower	Upper
96	100		
61	131.1	100.2	186.0
68	0.0	0.0	0.0

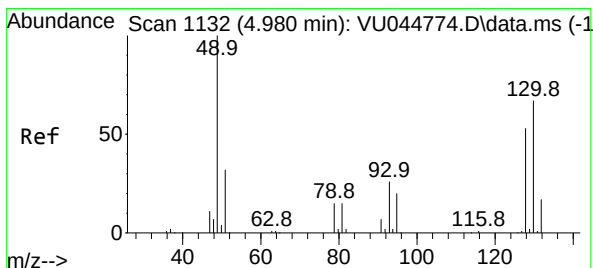
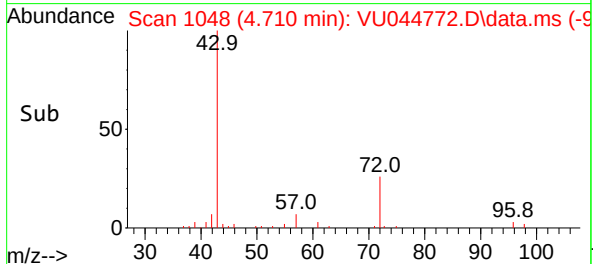
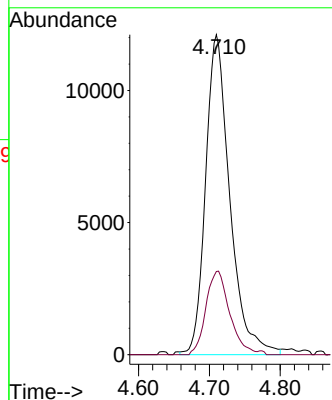
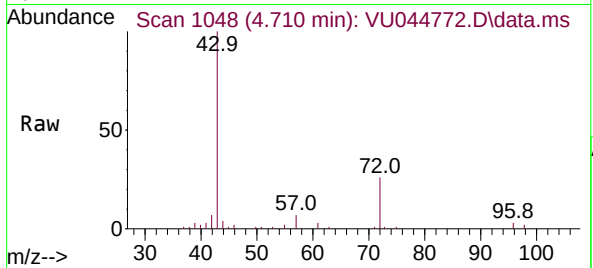




#22
2-Butanone
Concen: 14.176 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

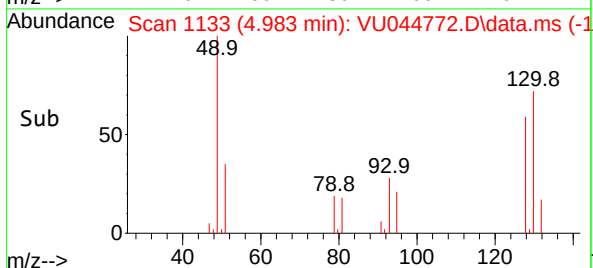
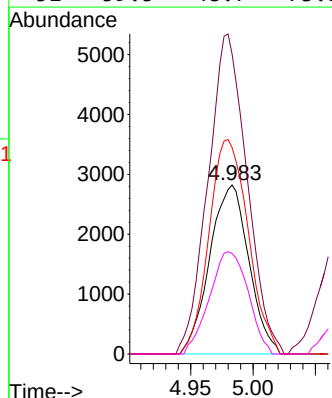
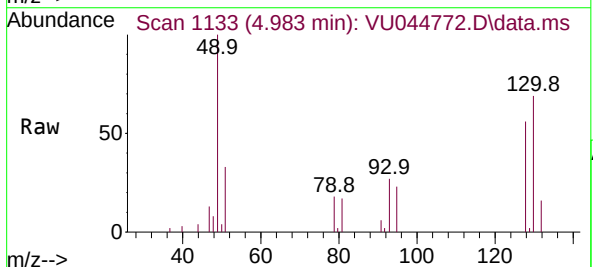
Instrument :
MSVOA_U
ClientSampled :

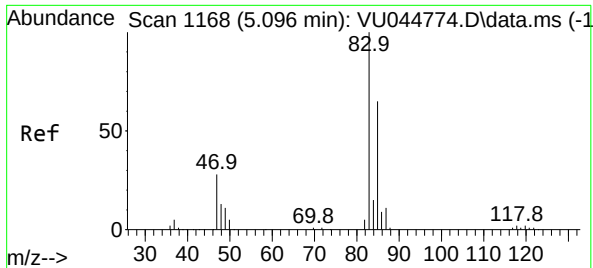
Tgt Ion: 43 Resp: 28787
Ion Ratio Lower Upper
43 100
72 25.6 13.3 39.9



#23
Bromochloromethane
Concen: 5.561 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion:128 Resp: 6165
Ion Ratio Lower Upper
128 100
49 177.7 132.9 246.7
130 122.3 88.2 163.8
51 59.5 48.7 73.1



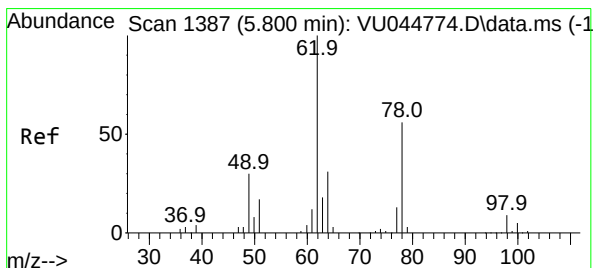
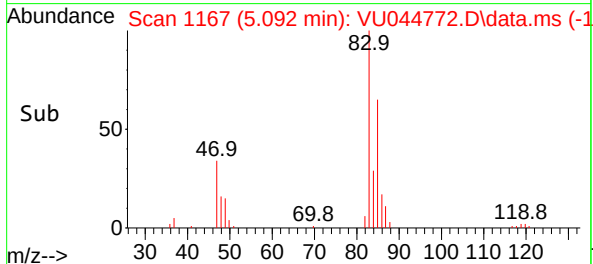
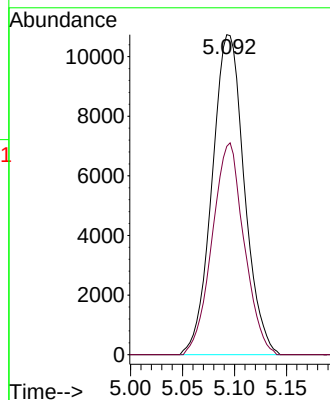
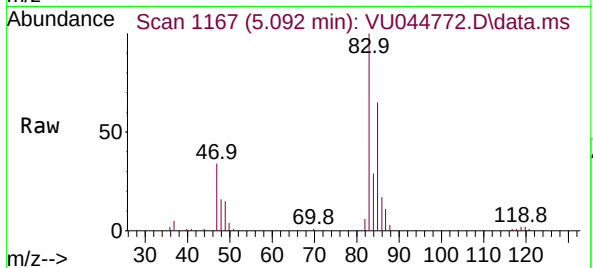


#25

Chloroform
Concen: 6.352 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Instrument :
MSVOA_U
ClientSampled :

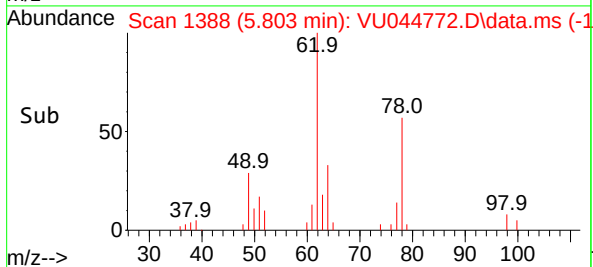
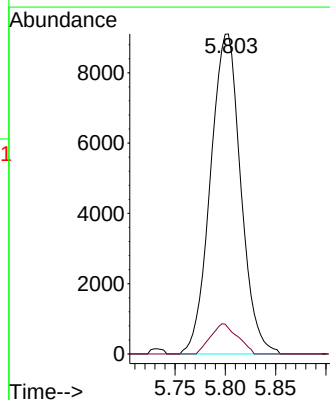
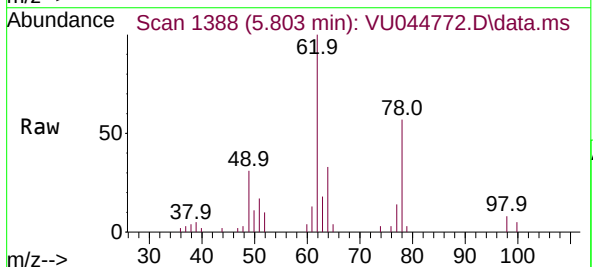
Tgt Ion: 83 Resp: 23223
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6

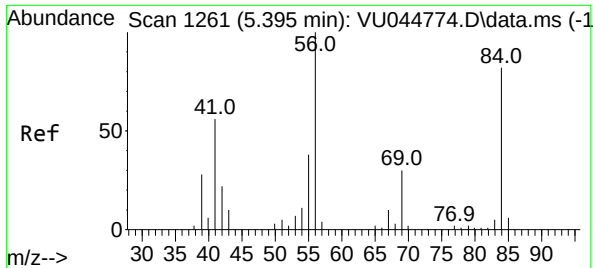


#27

1,2-Dichloroethane
Concen: 6.635 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 62 Resp: 19089
Ion Ratio Lower Upper
62 100
98 8.1 7.1 10.7





#29

Cyclohexane

Concen: 5.196 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU044772.D

Acq: 23 Sep 2021 09:29

Tgt Ion: 56 Resp: 17252

Ion Ratio Lower Upper

56 100

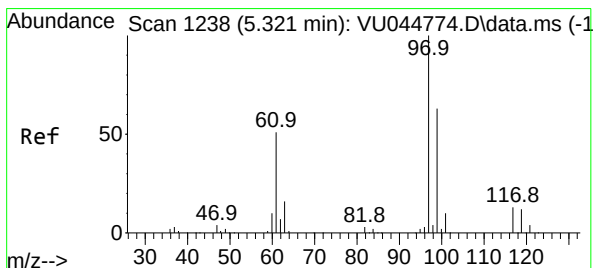
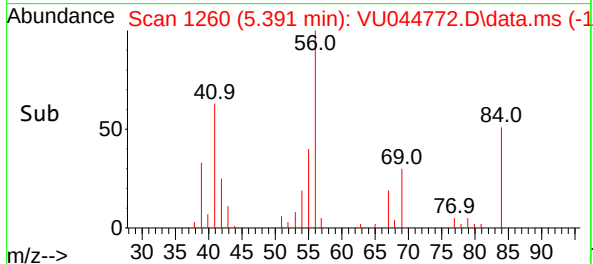
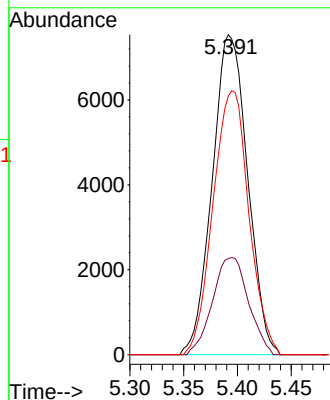
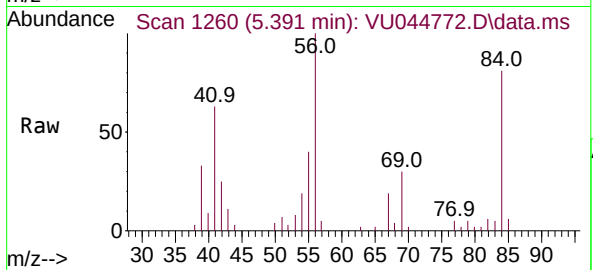
69 30.8 23.8 35.8

84 83.5 66.8 100.2

Instrument :

MSVOA_U

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 5.803 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU044772.D

Acq: 23 Sep 2021 09:29

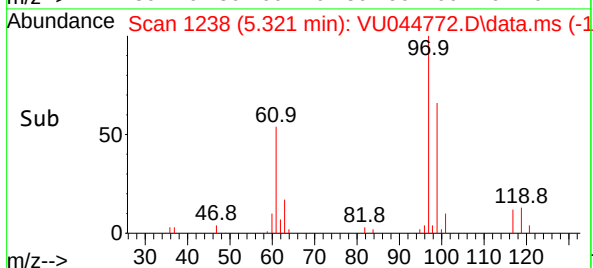
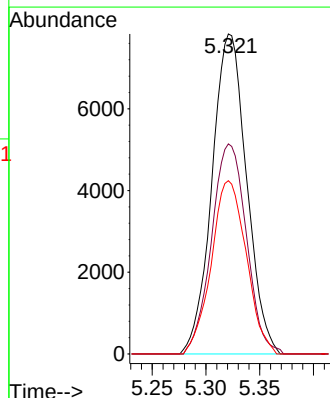
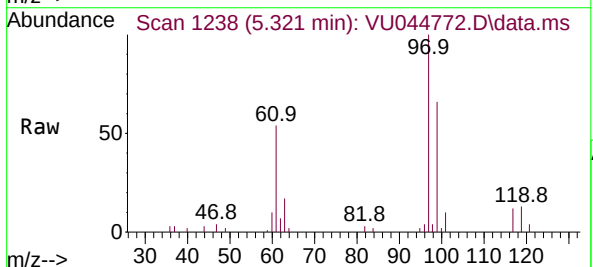
Tgt Ion: 97 Resp: 17522

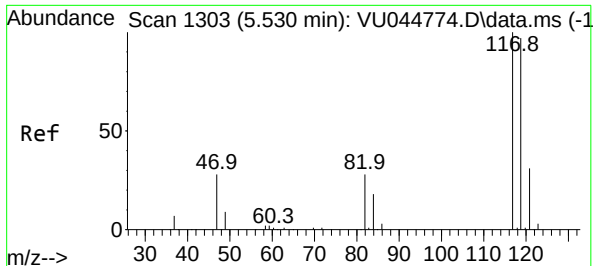
Ion Ratio Lower Upper

97 100

99 66.1 50.6 75.8

61 54.7 41.3 61.9

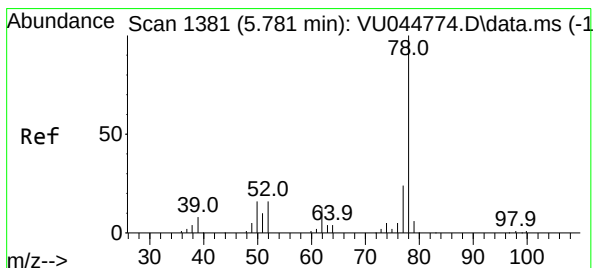
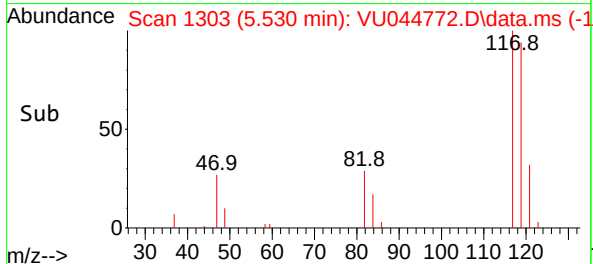
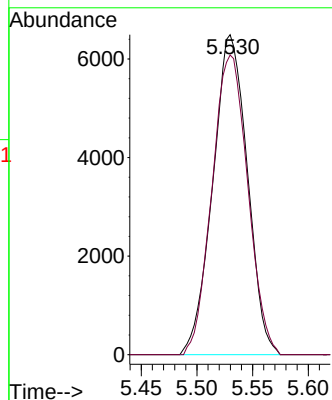
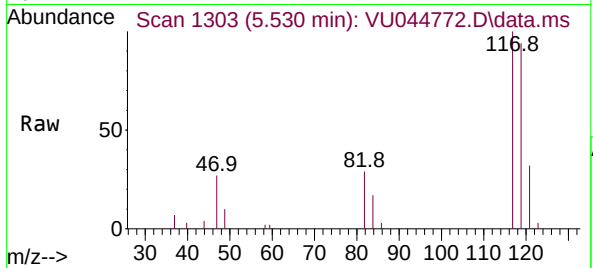




#31
Carbon tetrachloride
Concen: 5.732 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

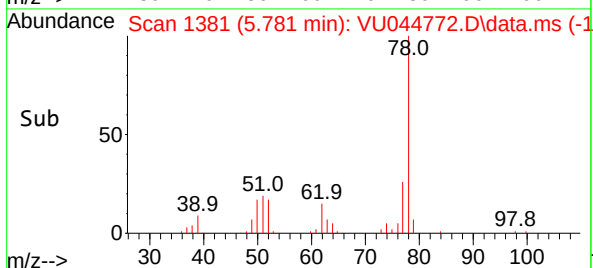
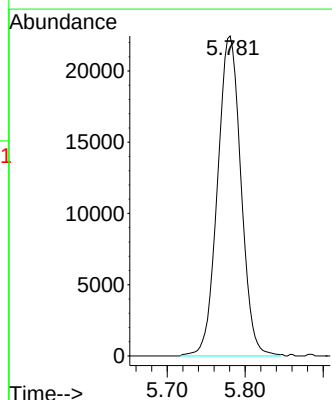
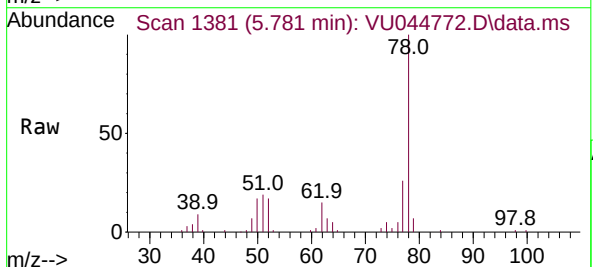
Instrument :
MSVOA_U
ClientSampleId :

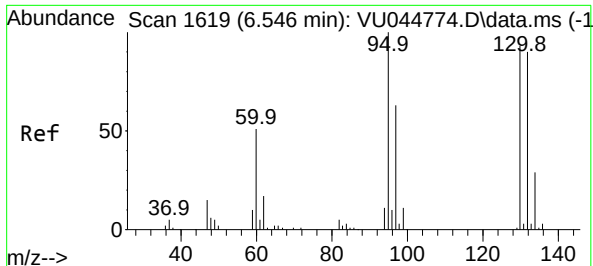
Tgt Ion:117 Resp: 14016
Ion Ratio Lower Upper
117 100
119 96.8 77.7 116.5



#33
Benzene
Concen: 5.619 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 78 Resp: 46958





#34

Trichloroethene

Concen: 5.724 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU044772.D

Acq: 23 Sep 2021 09:29

Tgt Ion: 95 Resp: 11607

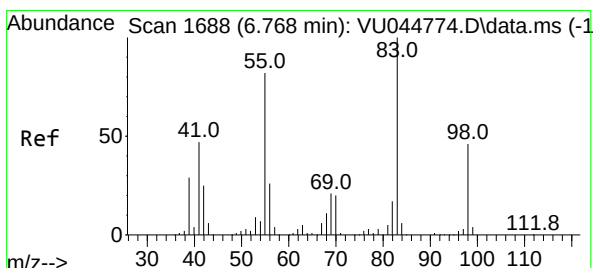
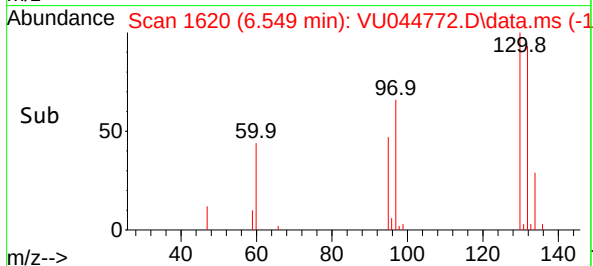
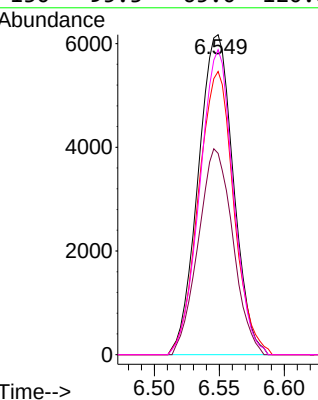
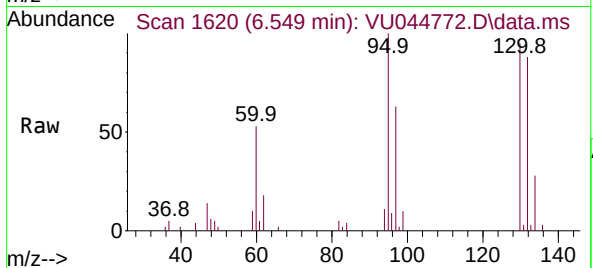
Ion Ratio Lower Upper

95 100

97 62.9 44.4 82.4

132 91.2 62.9 116.9

130 95.3 65.0 120.8



#35

Methylcyclohexane

Concen: 5.379 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU044772.D

Acq: 23 Sep 2021 09:29

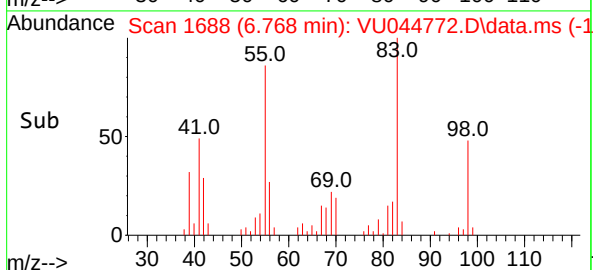
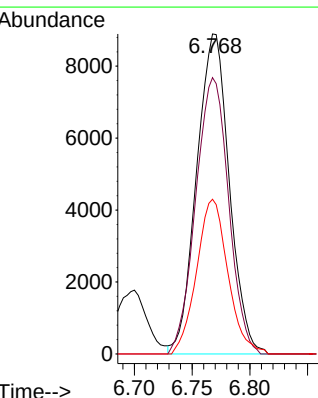
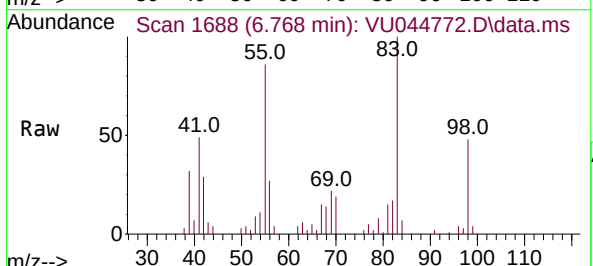
Tgt Ion: 83 Resp: 17507

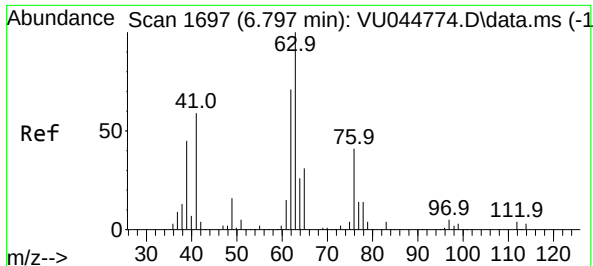
Ion Ratio Lower Upper

83 100

55 86.8 65.8 98.6

98 46.3 37.1 55.7



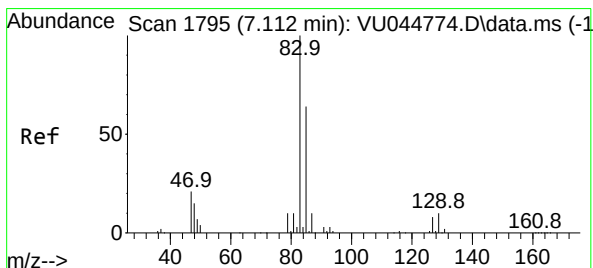
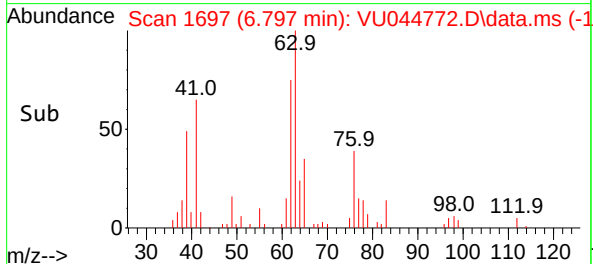
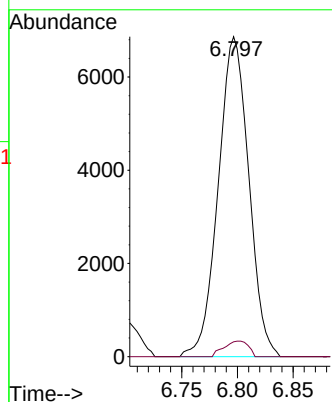
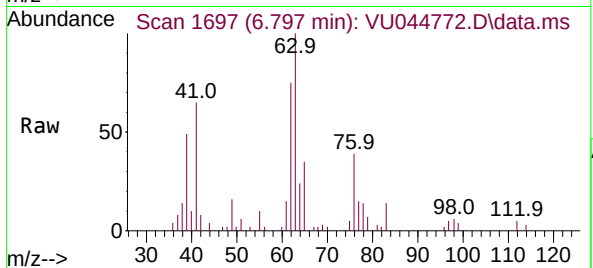


#37

1,2-Dichloropropane
Concen: 5.737 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Instrument :
MSVOA_U
ClientSampled :

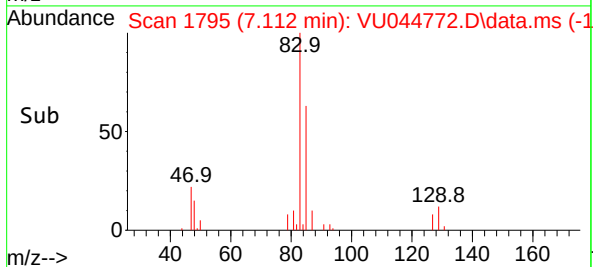
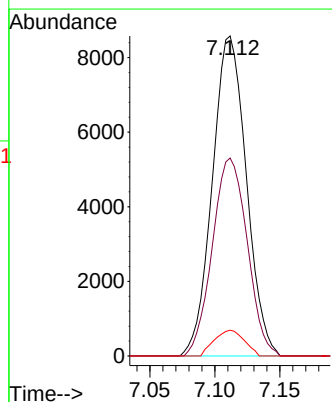
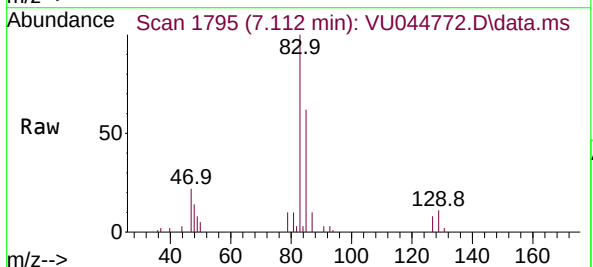
Tgt Ion: 63 Resp: 13099
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8

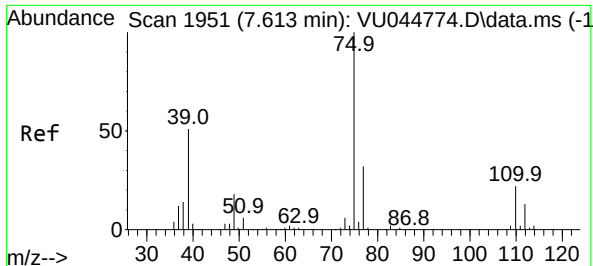


#38

Bromodichloromethane
Concen: 5.739 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 83 Resp: 15623
Ion Ratio Lower Upper
83 100
85 61.8 44.6 82.8
127 8.1 6.2 9.2



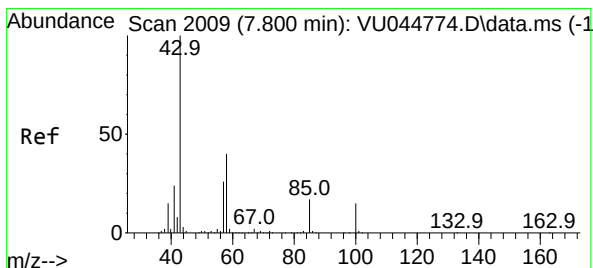
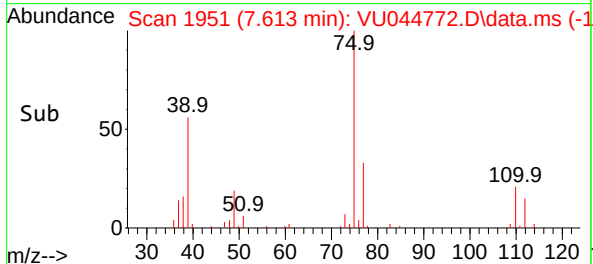
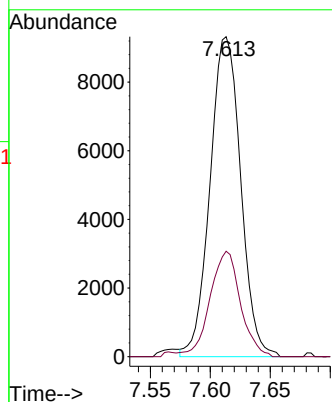
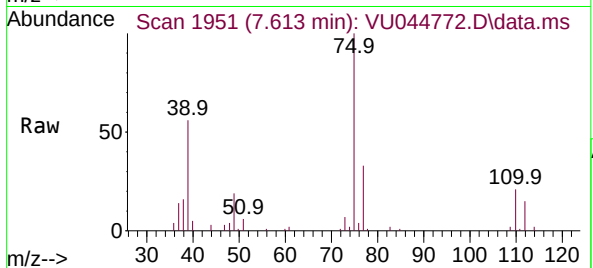


#39

cis-1,3-Dichloropropene
Concen: 5.273 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Instrument :
MSVOA_U
ClientSampled :

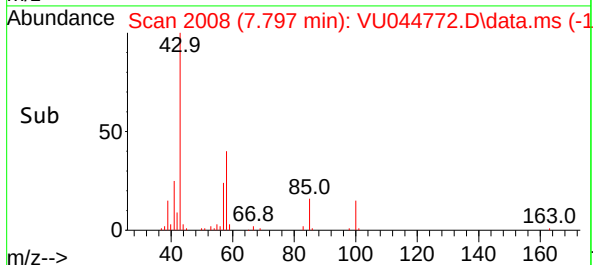
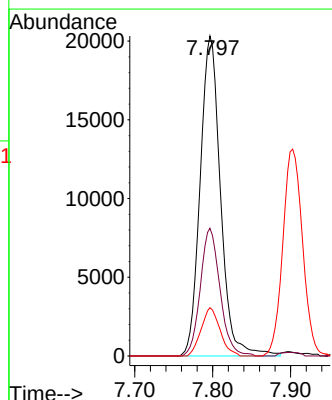
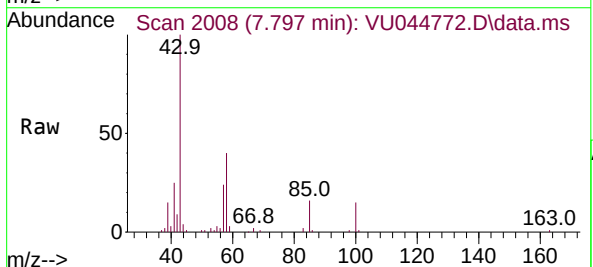
Tgt Ion: 75 Resp: 16580
Ion Ratio Lower Upper
75 100
77 34.2 22.4 41.6

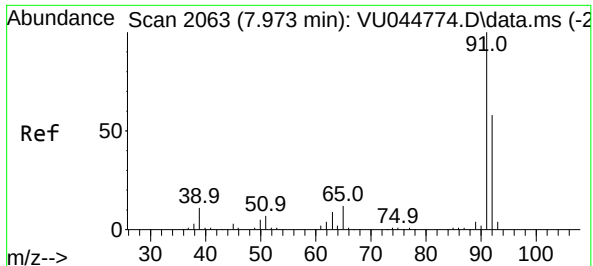


#40

4-Methyl-2-pentanone
Concen: 10.513 ug/L
RT: 7.797 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 43 Resp: 36908
Ion Ratio Lower Upper
43 100
58 38.5 31.8 47.8
100 14.0 11.8 17.6





#42

Toluene

Concen: 5.211 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU044772.D

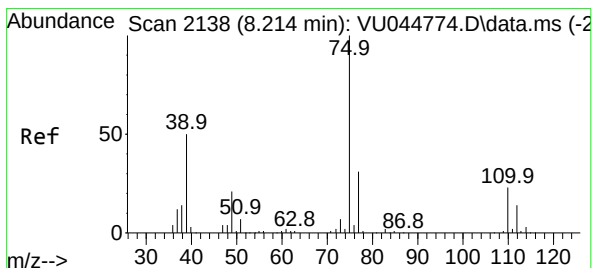
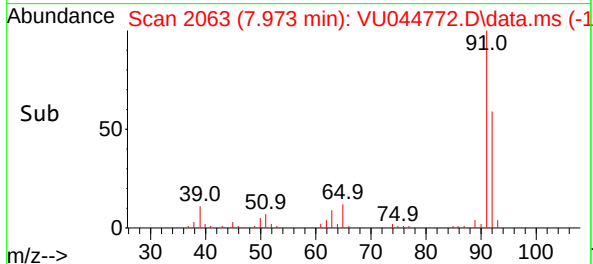
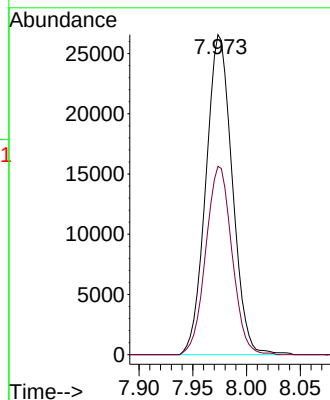
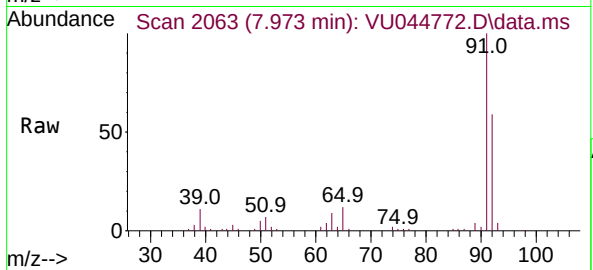
Acq: 23 Sep 2021 09:29

Tgt Ion: 91 Resp: 45298

Ion Ratio Lower Upper

91 100

92 58.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.258 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU044772.D

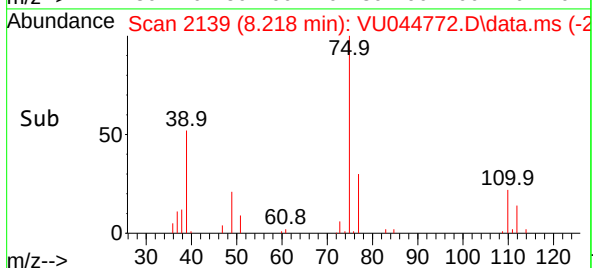
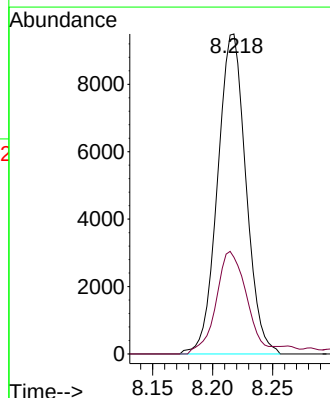
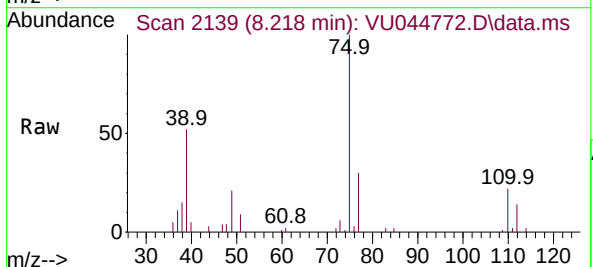
Acq: 23 Sep 2021 09:29

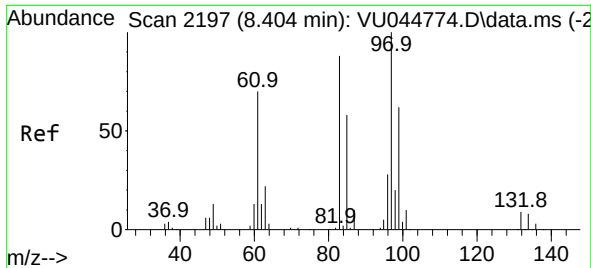
Tgt Ion: 75 Resp: 15600

Ion Ratio Lower Upper

75 100

77 30.2 21.7 40.3

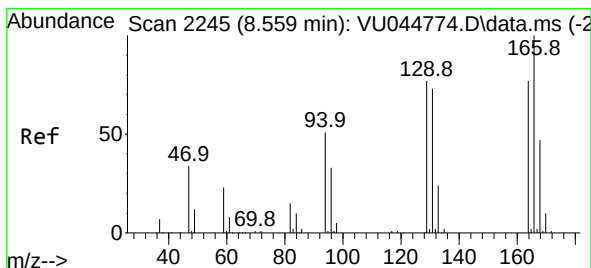
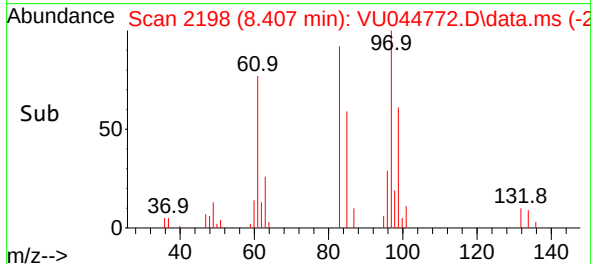
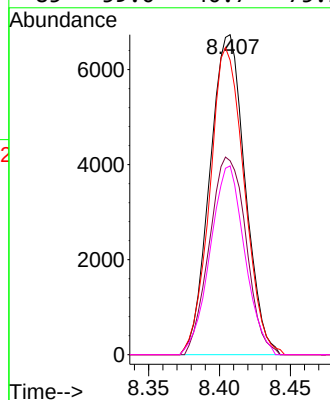
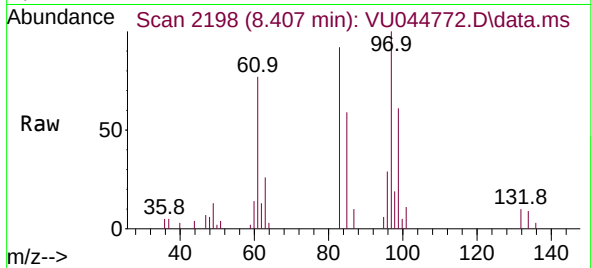




#45
1,1,2-Trichloroethane
Concen: 5.562 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

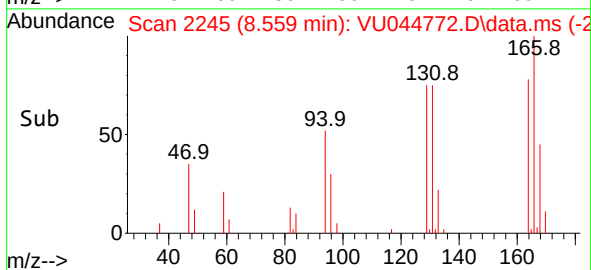
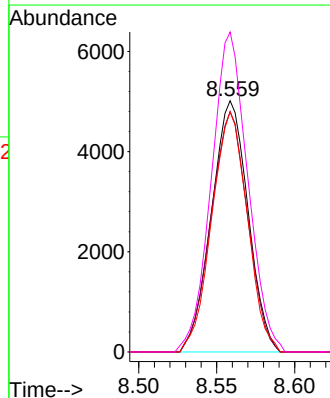
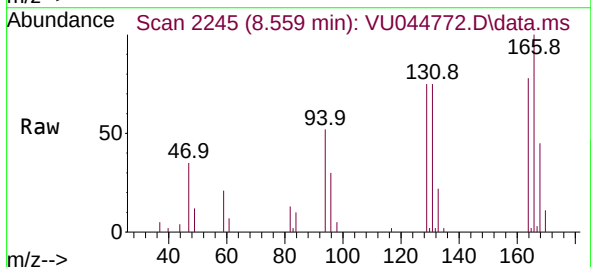
Instrument :
MSVOA_U
ClientSampled :

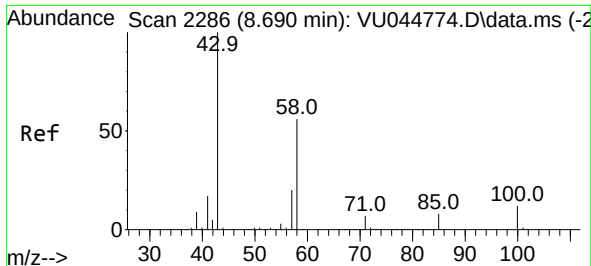
Tgt Ion:	97	Resp:	11643
Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.7	81.1
83	92.0	61.9	115.1
85	59.0	40.7	75.5



#46
Tetrachloroethene
Concen: 5.256 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion:	164	Resp:	8188
Ion	Ratio	Lower	Upper
164	100		
129	95.7	69.8	129.6
131	95.6	66.4	123.2
166	127.4	91.1	169.3

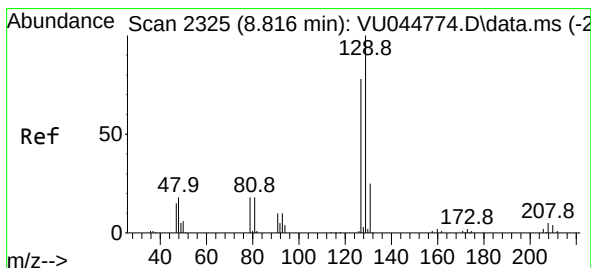
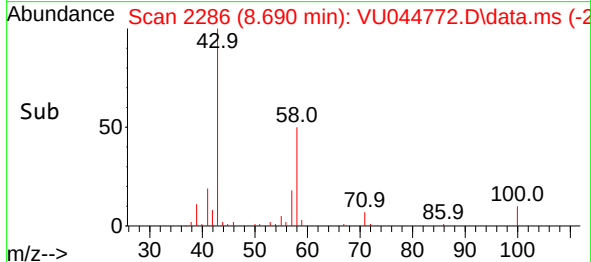
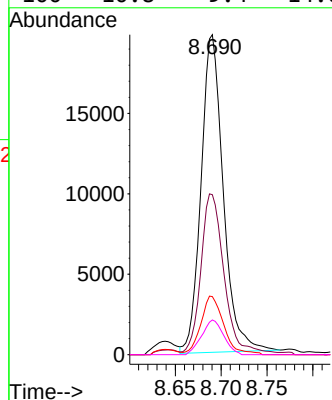
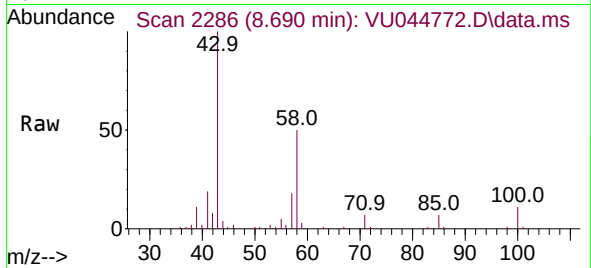




#48
2-Hexanone
Concen: 11.538 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

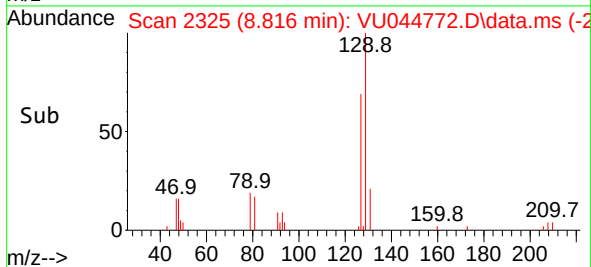
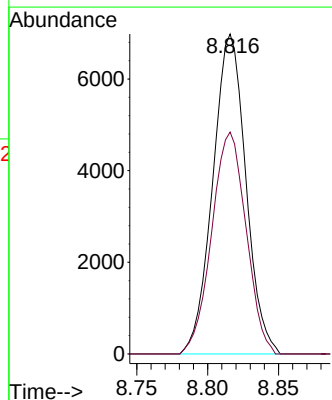
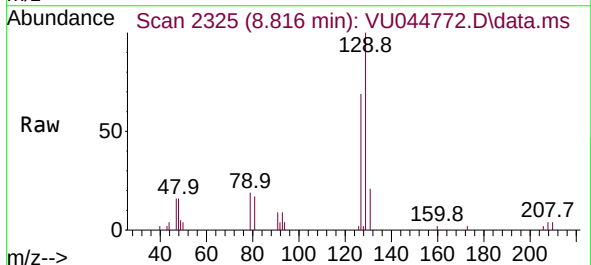
Instrument :
MSVOA_U
ClientSampleId :

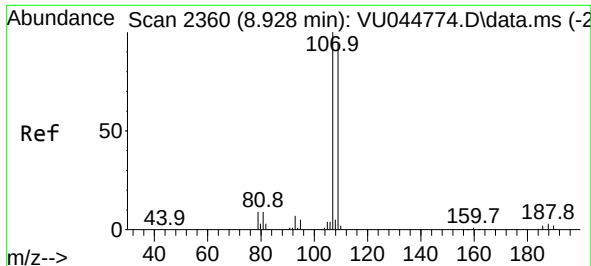
Tgt Ion:	43	Resp:	33330
Ion	Ratio	Lower	Upper
43	100		
58	51.6	44.9	67.3
57	18.9	15.5	23.3
100	10.8	9.4	14.0



#49
Dibromochloromethane
Concen: 5.334 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion:	129	Resp:	11347
Ion	Ratio	Lower	Upper
129	100		
127	69.4	54.3	100.8

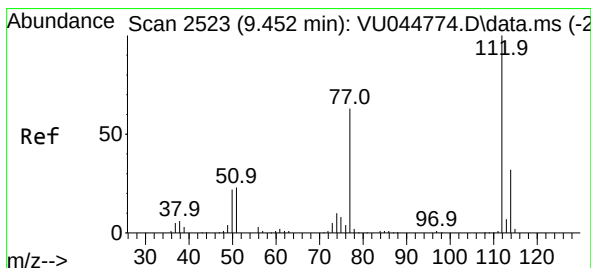
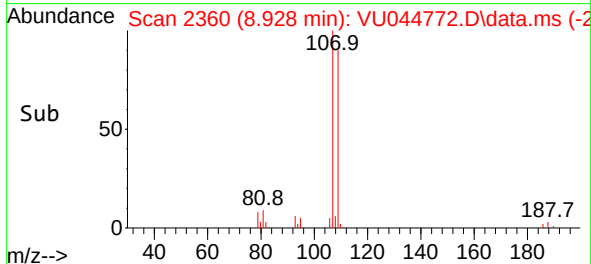
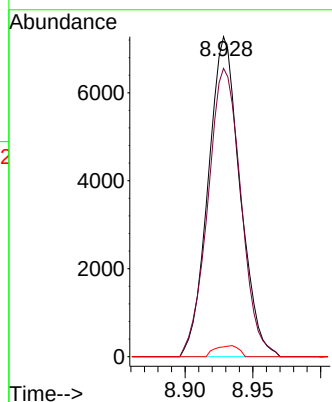
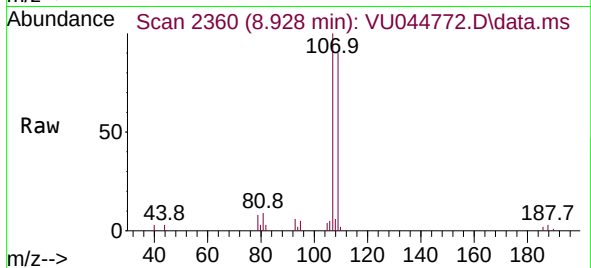




#50
1,2-Dibromoethane
Concen: 5.462 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

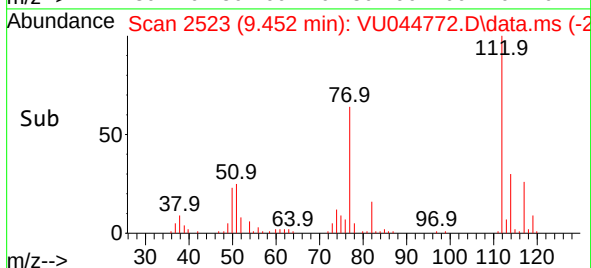
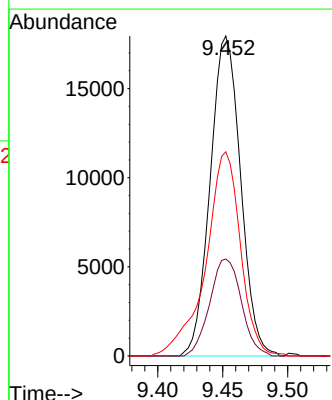
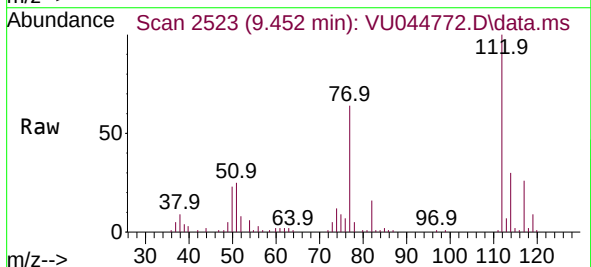
Instrument :
MSVOA_U
ClientSampled :

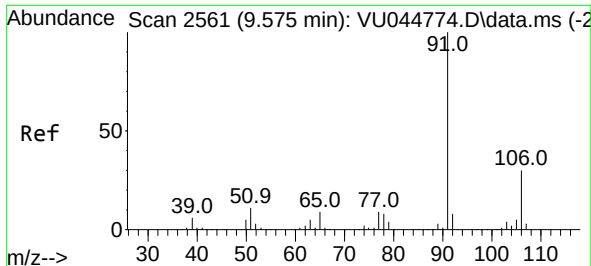
Tgt Ion:	107	Resp:	11887
Ion Ratio	Lower	Upper	
107	100		
109	90.1	65.5	121.6
188	3.1	2.6	3.8



#51
Chlorobenzene
Concen: 5.453 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion:	112	Resp:	29236
Ion Ratio	Lower	Upper	
112	100		
114	30.3	22.5	41.9
77	63.8	50.6	75.8

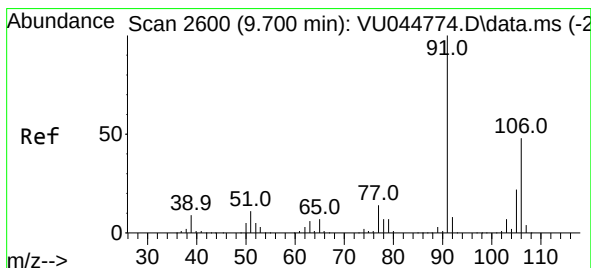
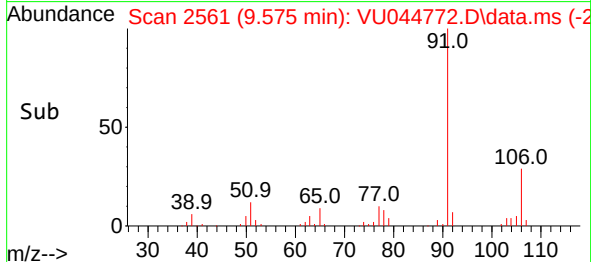
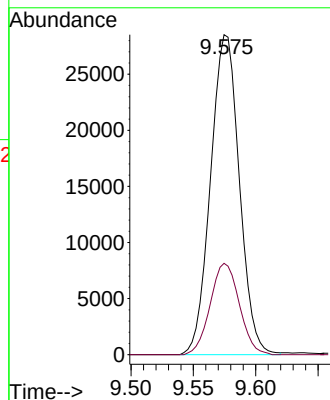
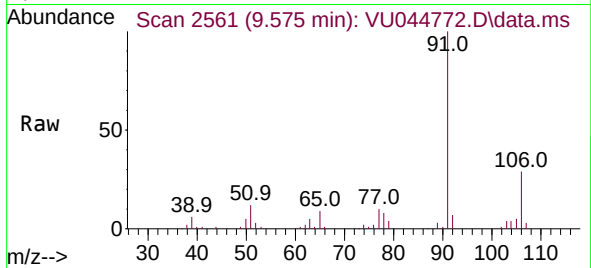




#52
Ethylbenzene
Concen: 5.102 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

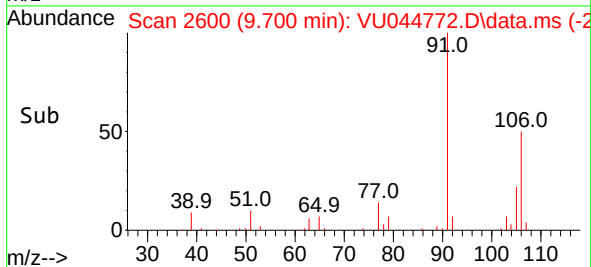
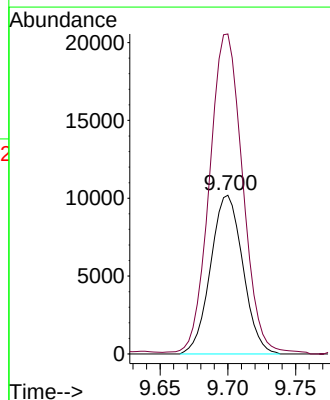
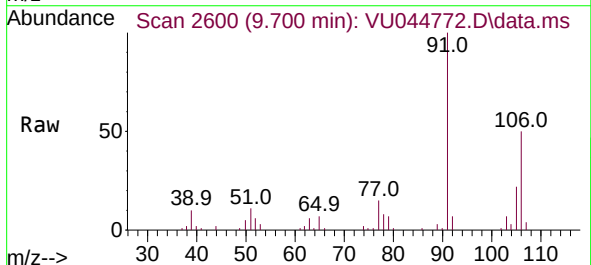
Instrument :
MSVOA_U
ClientSampled :

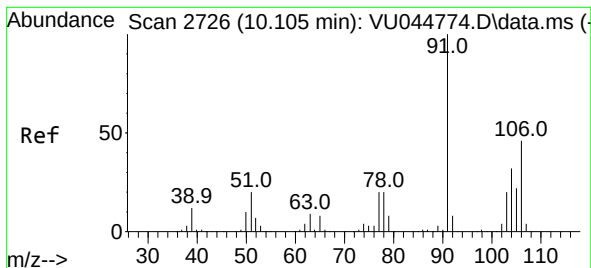
Tgt Ion: 91 Resp: 45853
Ion Ratio Lower Upper
91 100
106 28.6 21.2 39.4



#53
m,p-Xylene
Concen: 4.967 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 106 Resp: 16871
Ion Ratio Lower Upper
106 100
91 201.5 146.7 272.4





#54

o-xylene

Concen: 4.921 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU044772.D

Acq: 23 Sep 2021 09:29

Tgt Ion:106 Resp: 16591

Ion Ratio Lower Upper

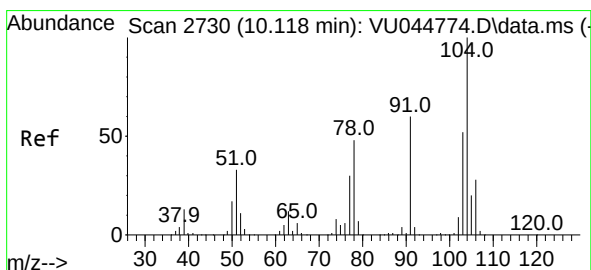
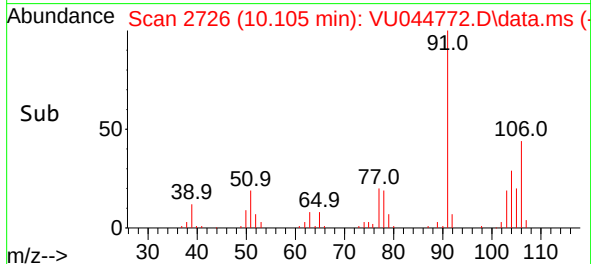
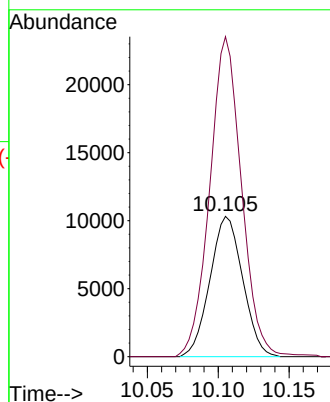
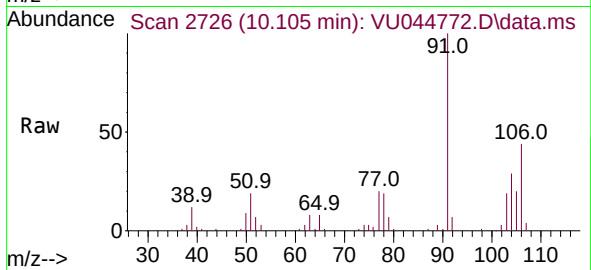
106 100

91 228.0 152.9 283.9

Instrument :

MSVOA_U

ClientSampled :



#55

Styrene

Concen: 4.568 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU044772.D

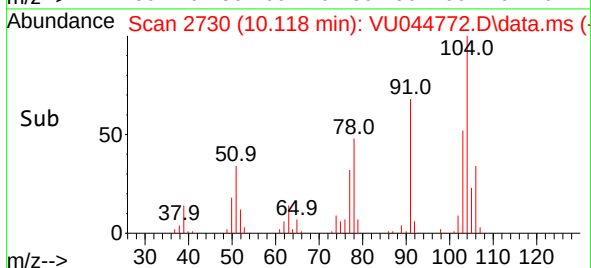
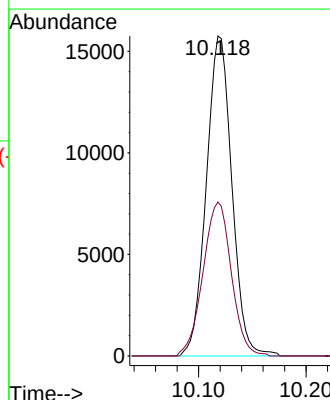
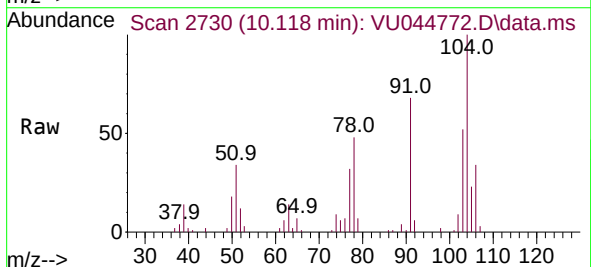
Acq: 23 Sep 2021 09:29

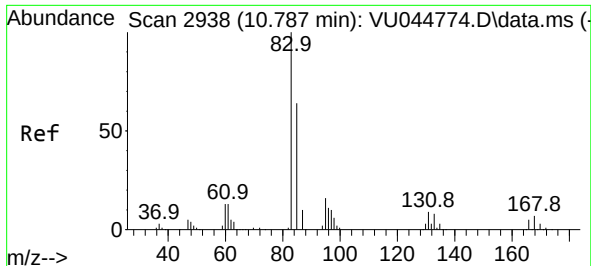
Tgt Ion:104 Resp: 26025

Ion Ratio Lower Upper

104 100

78 48.1 33.3 61.9

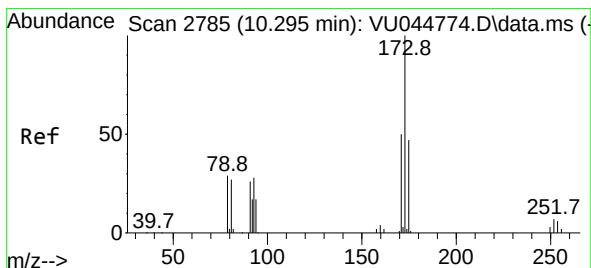
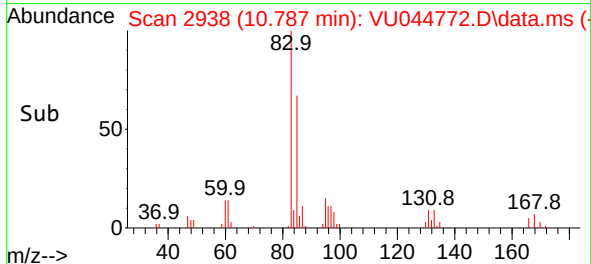
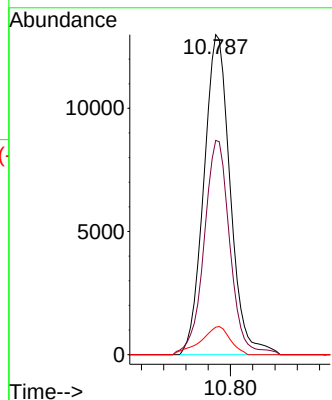
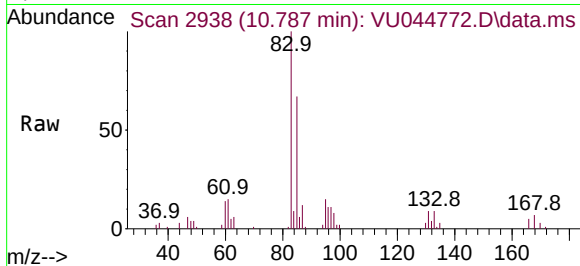




#57
1,1,2,2-Tetrachloroethane
Concen: 5.569 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

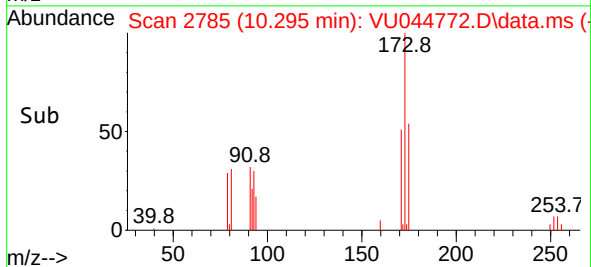
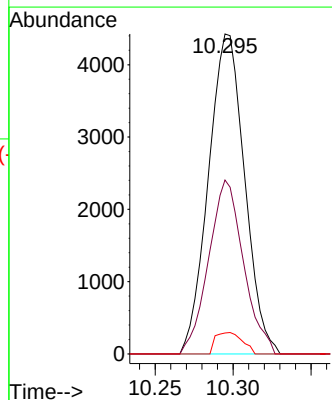
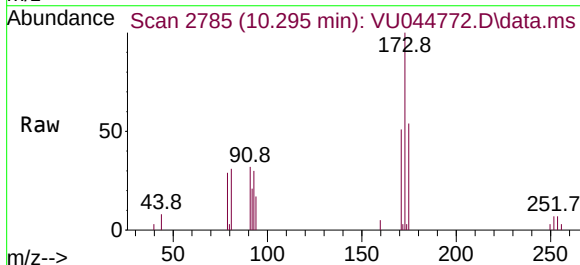
Instrument :
MSVOA_U
ClientSampleId :

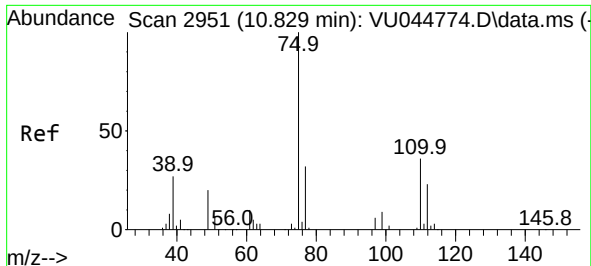
Tgt Ion:	83	Resp:	21361
Ion	Ratio	Lower	Upper
83	100		
85	67.0	45.1	83.7
131	8.6	6.9	10.3



#59
Bromoform
Concen: 4.855 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion:	173	Resp:	7132
Ion	Ratio	Lower	Upper
173	100		
175	52.3	38.4	57.6
254	0.0	5.3	7.9#

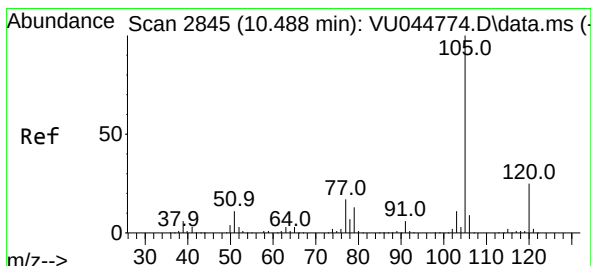
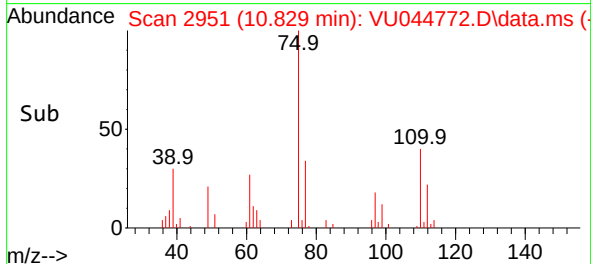
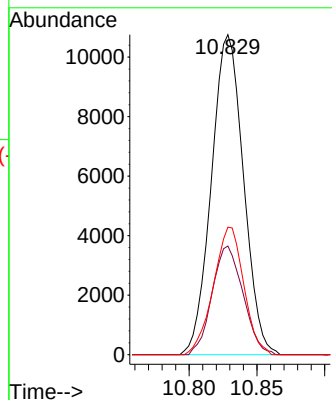
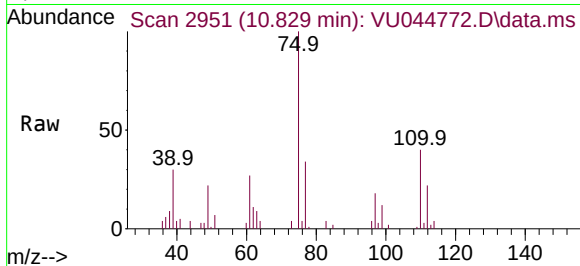




#60
1,2,3-Trichloropropane
Concen: 6.472 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

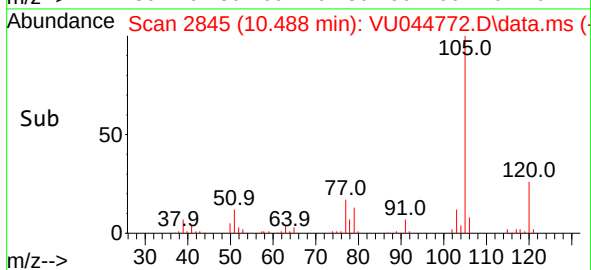
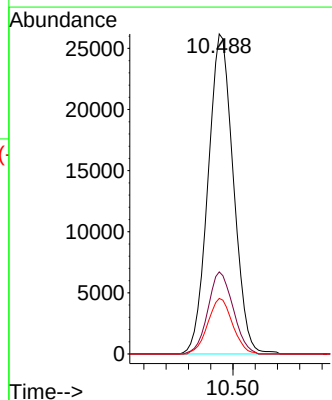
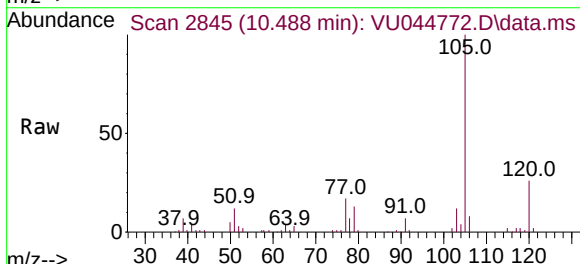
Instrument :
MSVOA_U
ClientSampleId :

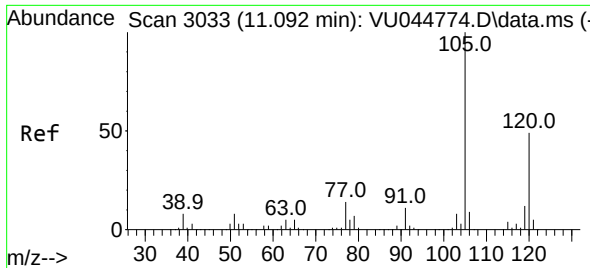
Tgt Ion:	75	Resp:	17707
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3
110	37.8	29.0	43.4



#61
Isopropylbenzene
Concen: 5.441 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion:	105	Resp:	41293
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.5	30.7
77	16.9	13.5	20.3

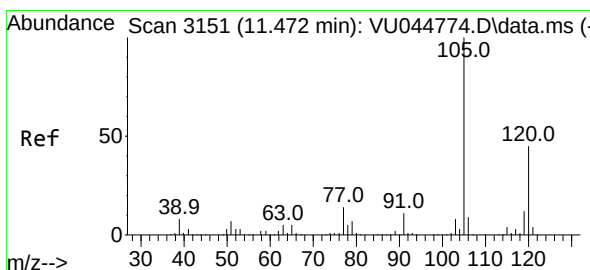
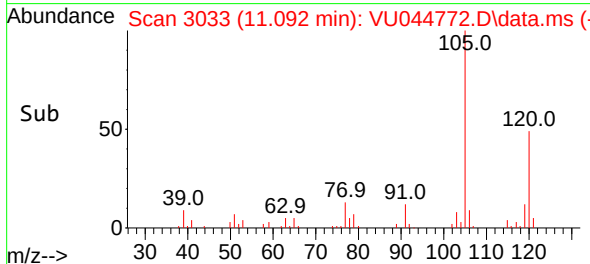
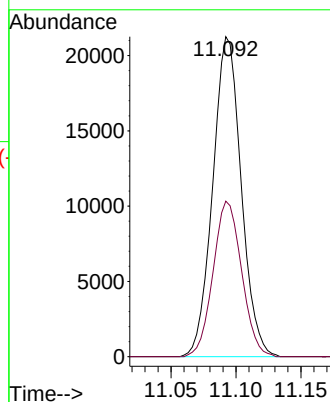
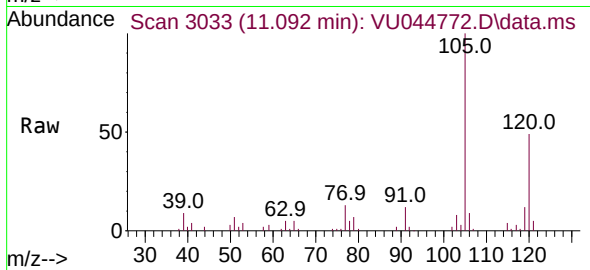




#62
1,3,5-Trimethylbenzene
Concen: 5.124 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

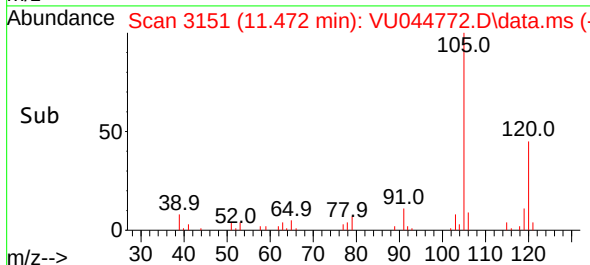
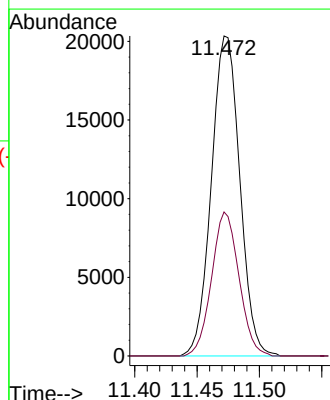
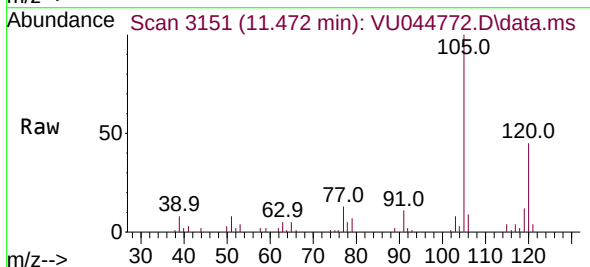
Instrument :
MSVOA_U
ClientSampled :

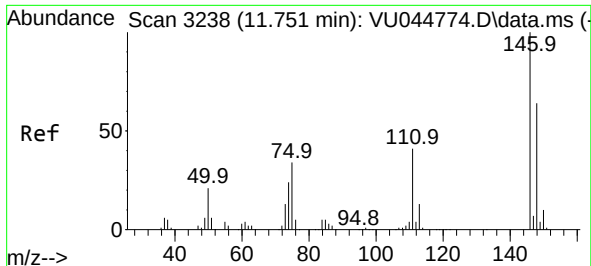
Tgt Ion:105 Resp: 32329
Ion Ratio Lower Upper
105 100
120 48.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 5.082 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion:105 Resp: 32313
Ion Ratio Lower Upper
105 100
120 43.3 35.7 53.5

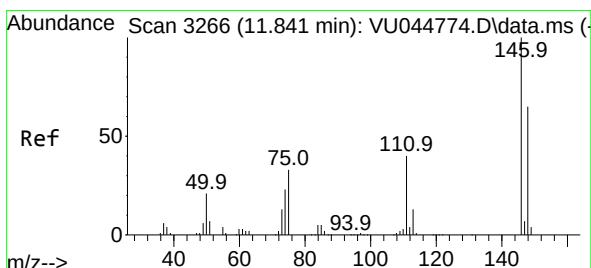
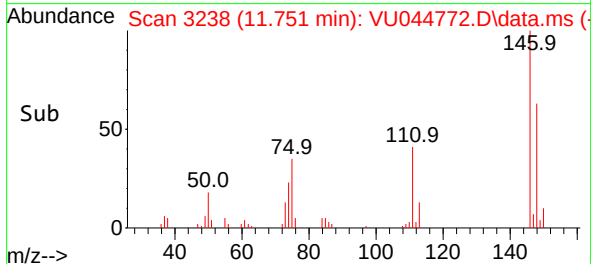
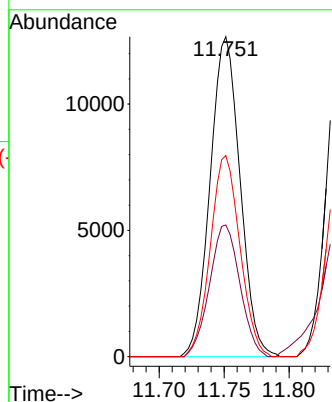
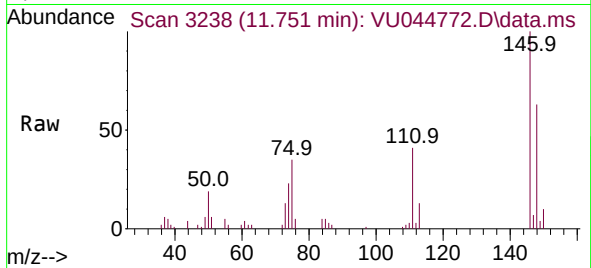




#64
1,3-Dichlorobenzene
Concen: 5.590 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

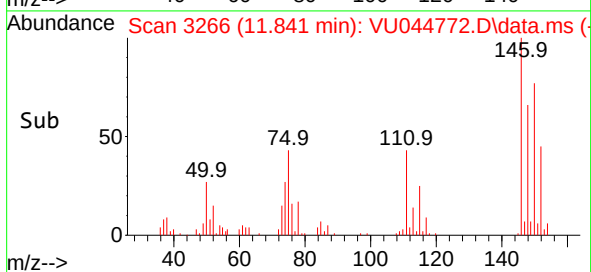
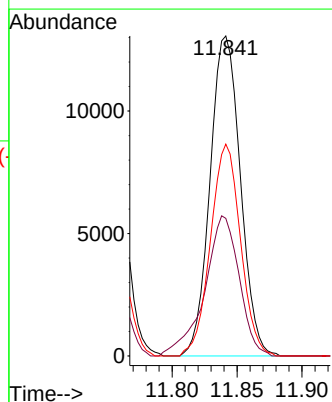
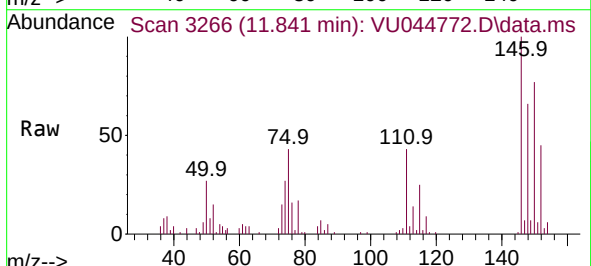
Instrument :
MSVOA_U
ClientSampleId :

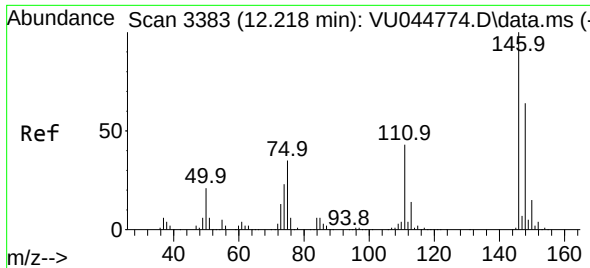
Tgt Ion:146 Resp: 20293
Ion Ratio Lower Upper
146 100
111 41.2 29.0 53.8
148 62.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.733 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion:146 Resp: 21240
Ion Ratio Lower Upper
146 100
111 43.0 28.5 52.9
148 72.9 45.5 84.5

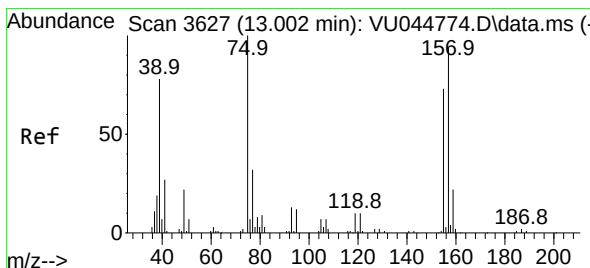
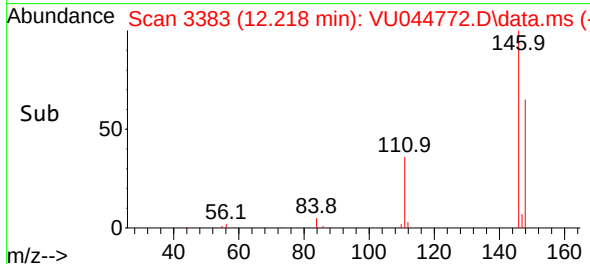
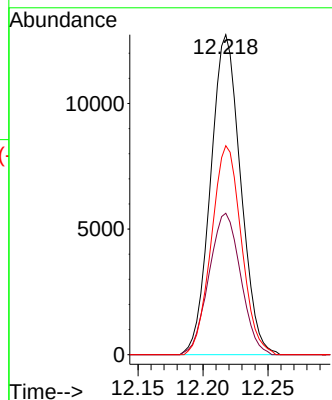
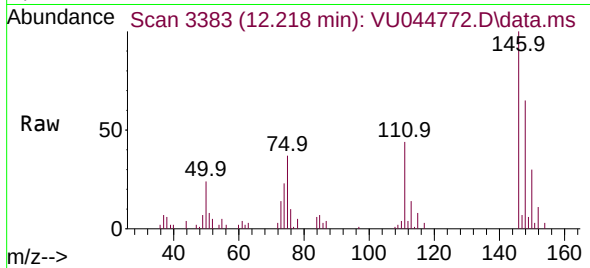




#67
1,2-Dichlorobenzene
Concen: 5.417 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

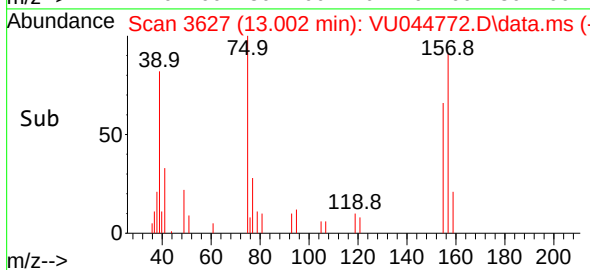
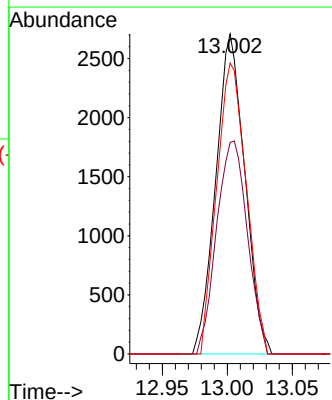
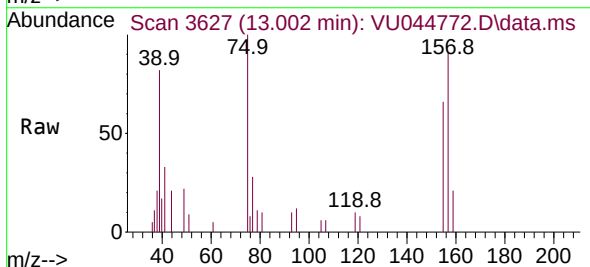
Instrument :
MSVOA_U
ClientSampled :

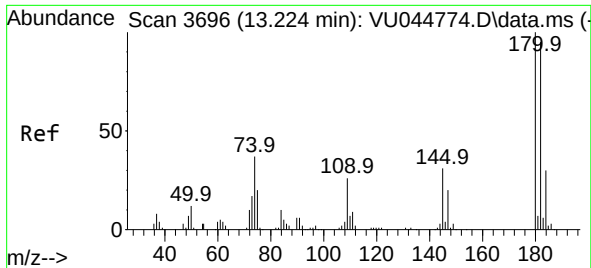
Tgt Ion:146 Resp: 20470
Ion Ratio Lower Upper
146 100
111 44.2 34.7 52.1
148 65.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.516 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

Tgt Ion: 75 Resp: 4207
Ion Ratio Lower Upper
75 100
155 66.1 58.5 87.7
157 90.9 77.7 116.5

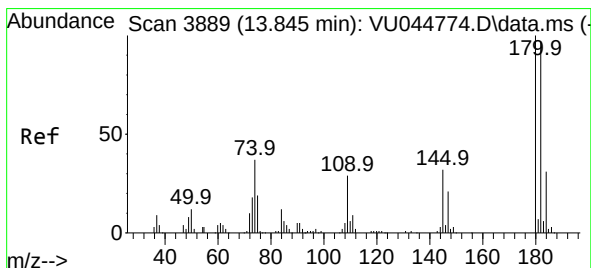
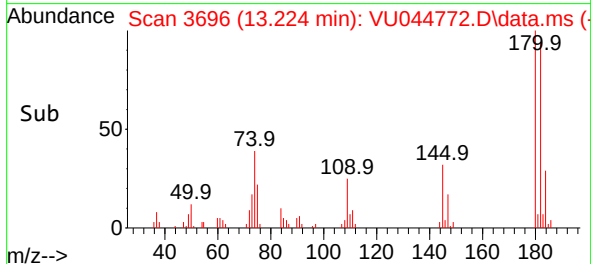
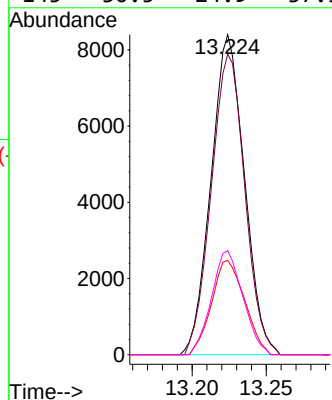
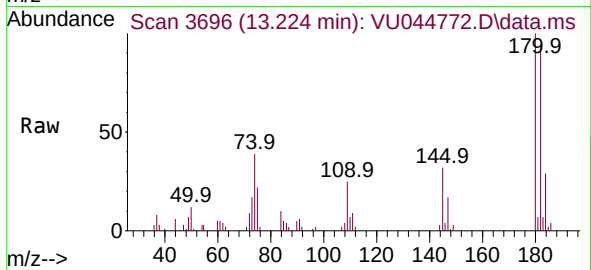




#69
1,3,5-Trichlorobenzene
Concen: 4.926 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

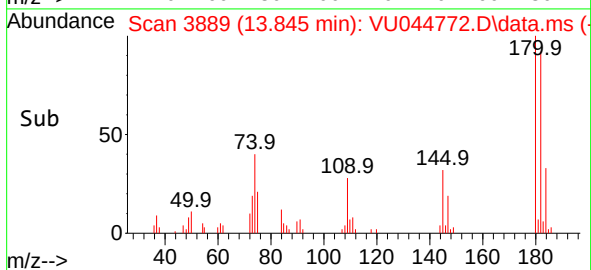
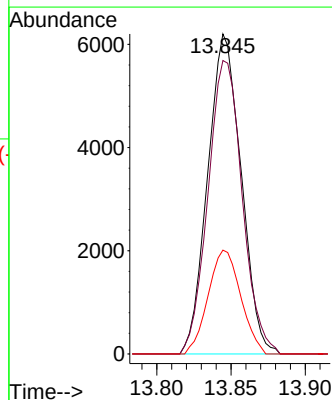
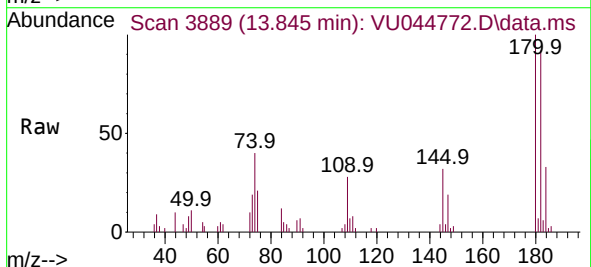
Instrument :
MSVOA_U
ClientSampleId :

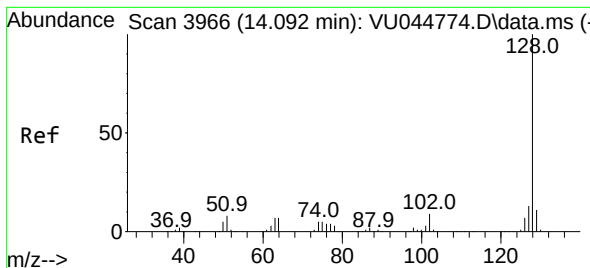
Tgt Ion:	180	Resp:	13112
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.8	115.2
184	29.3	24.4	36.6
145	30.5	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 4.269 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

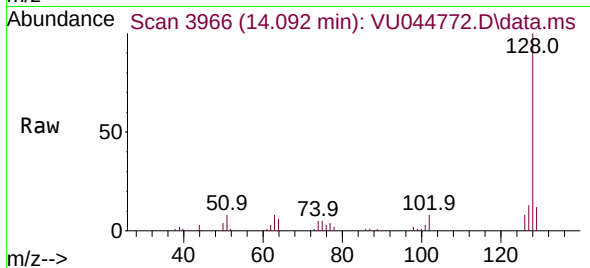
Tgt Ion:	180	Resp:	9694
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.2	114.2
145	31.7	25.4	38.0



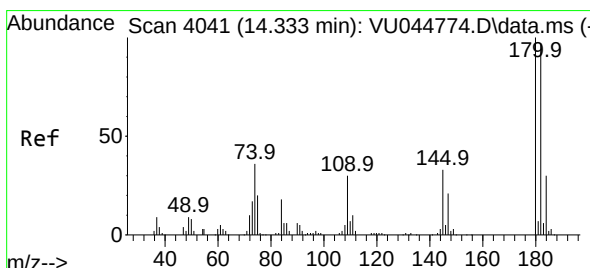
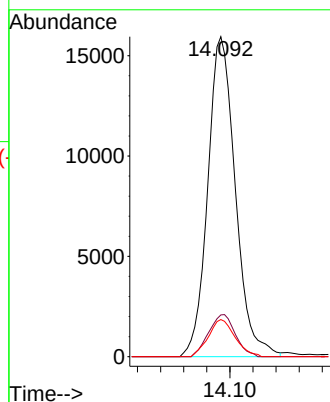
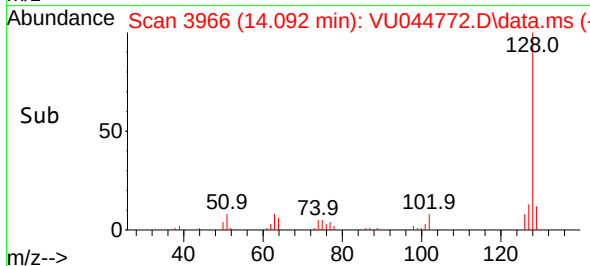


#71
Naphthalene
Concen: 3.459 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29

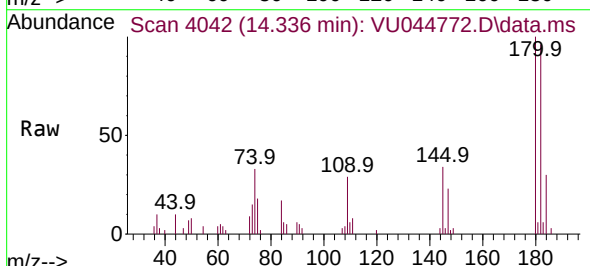
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 26494
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.2 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.015 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044772.D
Acq: 23 Sep 2021 09:29



Tgt Ion:180 Resp: 9547
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 34.4 26.5 39.7

