

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
 Data File : VU044641.D
 Acq On : 15 Sep 2021 13:57
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 01:43:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 16 01:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	132802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	136824	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	65871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30600	3.905	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.919	69	34517	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.575	65	16480	4.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.645	46	128777	39.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.400%
24) Chloroform-d	5.073	84	76274	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.710	65	46422	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.735	84	150612	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.700	67	51552	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.906	98	122650	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.185	79	16540	4.095	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.648	63	118330	45.587	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.180%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	46688	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	47513	4.371	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1868	0.176	ug/L	99
3) Chloromethane	1.523	50	2607	0.205	ug/L	96
5) Vinyl chloride	1.607	62	2582	0.199	ug/L #	73
6) Bromomethane	1.864	94	1296	0.195	ug/L	99
9) Trichlorofluoromethane	2.144	101	2903	0.199	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2188	0.244	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	1900	0.223	ug/L #	1
14) Carbon disulfide	2.800	76	4776	0.177	ug/L	97
15) Methyl Acetate	2.964	43	360	0.093	ug/L #	71
16) Methylene chloride	3.051	84	6644	0.490	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	4198	0.178	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	1522	0.168	ug/L	88
19) 1,1-Dichloroethane	3.880	63	3588	0.196	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	1773	0.177	ug/L	94
25) Chloroform	5.099	83	8352	0.427	ug/L	98
27) 1,2-Dichloroethane	5.806	62	2582	0.202	ug/L #	92
29) 1,1,1-Trichloroethane	5.321	97	2784	0.187	ug/L	97
30) Cyclohexane	5.401	56	2817	0.165	ug/L	89
31) Carbon tetrachloride	5.533	117	2086	0.179	ug/L	95

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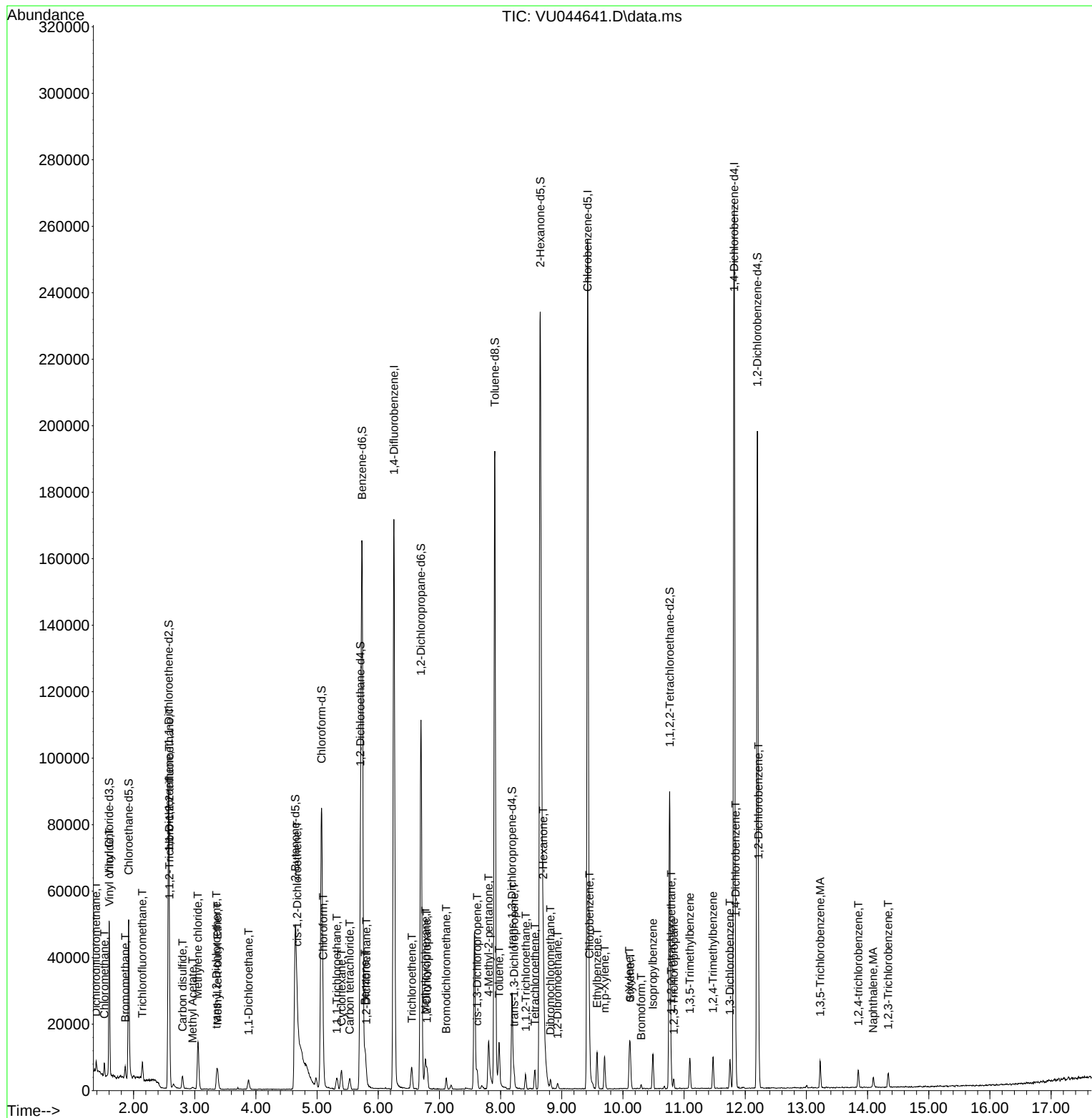
Quant Time: Sep 16 01:43:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
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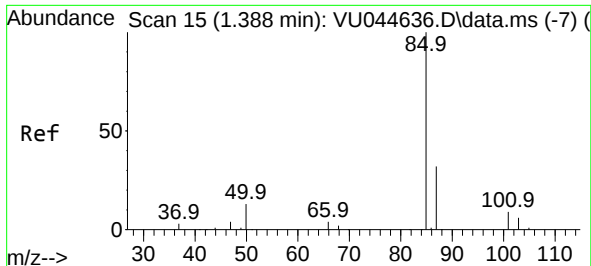
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

33) Benzene	5.784	78	8623	0.212	ug/L	100
34) Trichloroethene	6.549	95	1887	0.188	ug/L	96
35) Methylcyclohexane	6.771	83	2904	0.176	ug/L	98
37) 1,2-Dichloropropane	6.796	63	2204	0.203	ug/L #	88
38) Bromodichloromethane	7.111	83	2353	0.178	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	2596	0.168	ug/L	95
40) 4-Methyl-2-pentanone	7.806	43	13887	1.640	ug/L #	90
42) Toluene	7.976	91	8897	0.210	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	2258	0.172	ug/L	84
45) 1,1,2-Trichloroethane	8.410	97	1448	0.187	ug/L	90
47) Tetrachloroethene	8.562	164	1223	0.175	ug/L	95
48) 2-Hexanone	8.697	43	17225	2.732	ug/L #	88
49) Dibromochloromethane	8.816	129	1337	0.164	ug/L	91
50) 1,2-Dibromoethane	8.931	107	1232	0.169	ug/L #	100
51) Chlorobenzene	9.452	112	4872	0.185	ug/L	93
52) Ethylbenzene	9.578	91	8032	0.175	ug/L	93
53) m,p-Xylene	9.703	106	2742	0.157	ug/L	100
54) o-Xylene	10.105	106	2765	0.166	ug/L	85
55) Styrene	10.121	104	4513	0.155	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	1974	0.190	ug/L #	96
59) Bromoform	10.301	173	617	0.151	ug/L #	88
60) Isopropylbenzene	10.491	105	7238	0.176	ug/L	96
61) 1,2,3-Trichloropropane	10.832	75	1411	0.194	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.095	105	5467	0.160	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	5641	0.160	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	3688	0.192	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	3677	0.185	ug/L	93
67) 1,2-Dichlorobenzene	12.217	146	3666	0.201	ug/L #	93
69) 1,3,5-Trichlorobenzene	13.224	180	2597	0.178	ug/L	95
70) 1,2,4-trichlorobenzene	13.848	180	1783	0.145	ug/L	95
71) Naphthalene	14.092	128	3093	0.129	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.336	180	1678	0.148	ug/L	92

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

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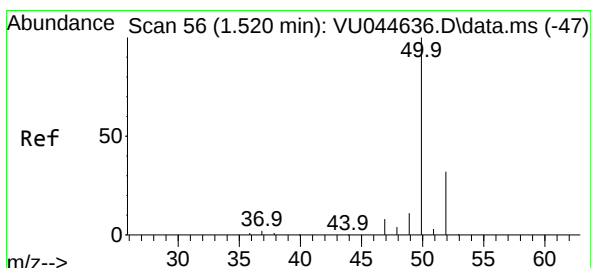
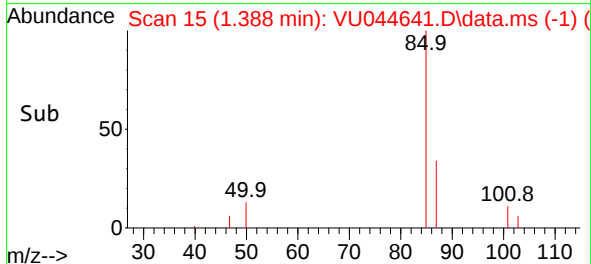
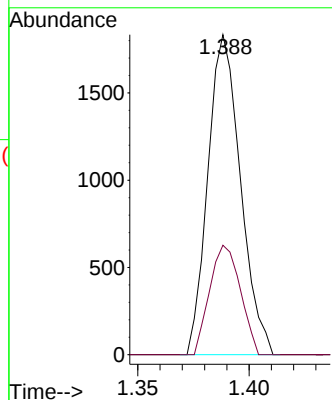
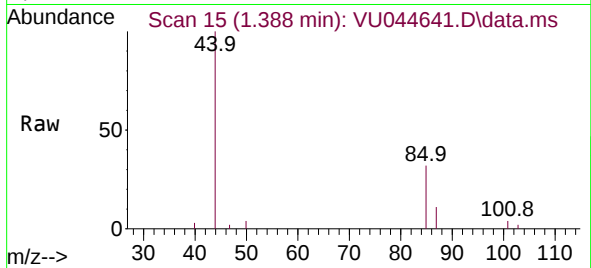




#2
Dichlorodifluoromethane
Concen: 0.176 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

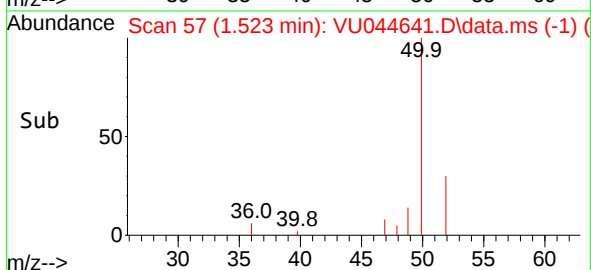
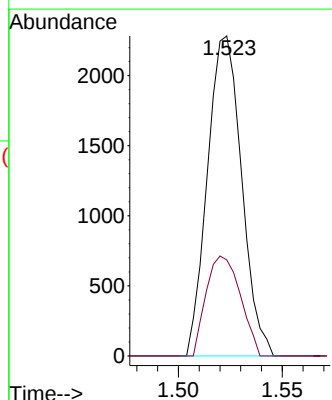
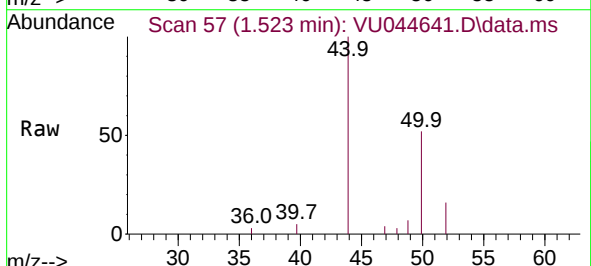
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MSVOA_U
ClientSampled :

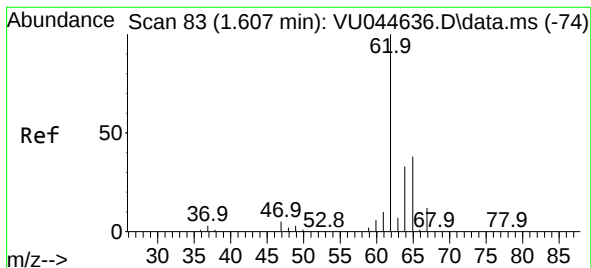
Tgt Ion: 85 Resp: 1868
Ion Ratio Lower Upper
85 100
87 32.1 26.0 39.0



#3
Chloromethane
Concen: 0.205 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 50 Resp: 2607
Ion Ratio Lower Upper
50 100
52 30.0 22.6 42.0

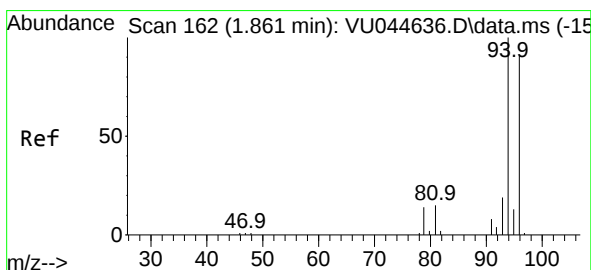
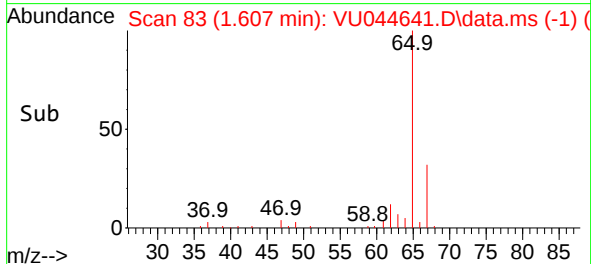
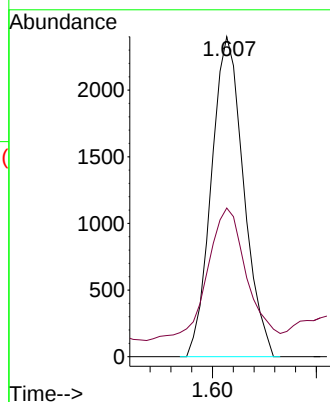
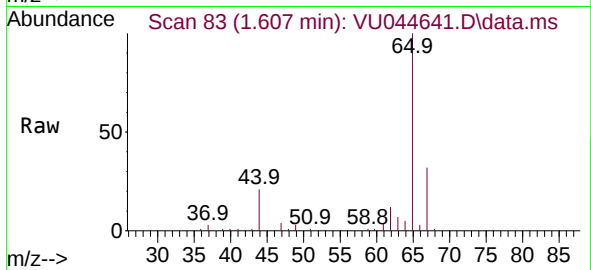




#5
 Vinyl chloride
 Concen: 0.199 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

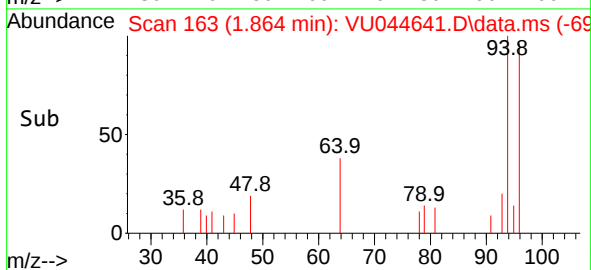
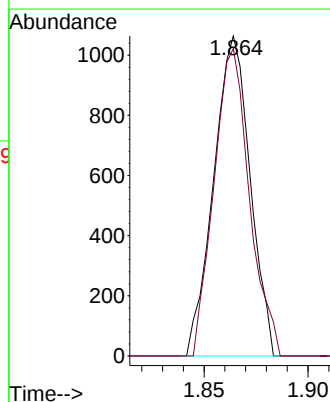
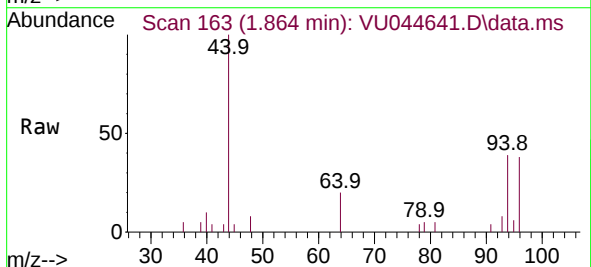
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 ClientSampled :

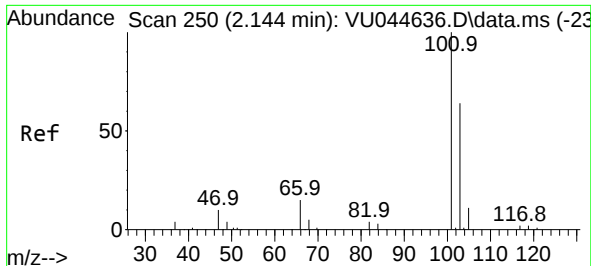
Tgt Ion: 62 Resp: 2582
 Ion Ratio Lower Upper
 62 100
 64 46.4 22.0 40.8#



#6
 Bromomethane
 Concen: 0.195 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

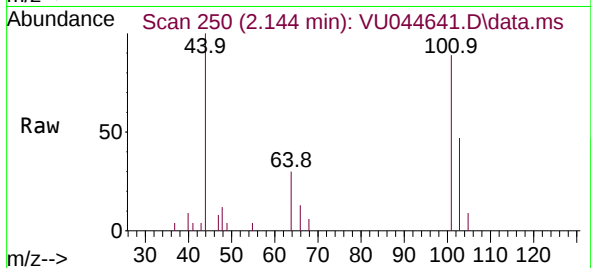
Tgt Ion: 94 Resp: 1296
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.4 123.4



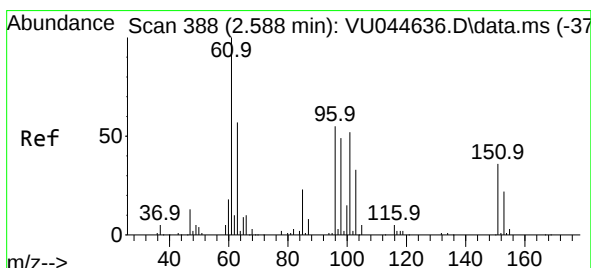
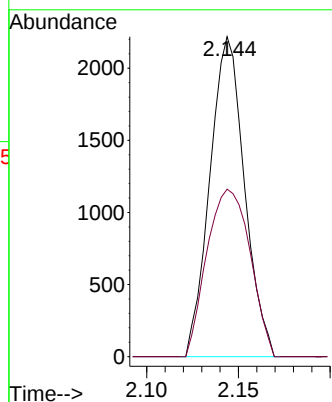
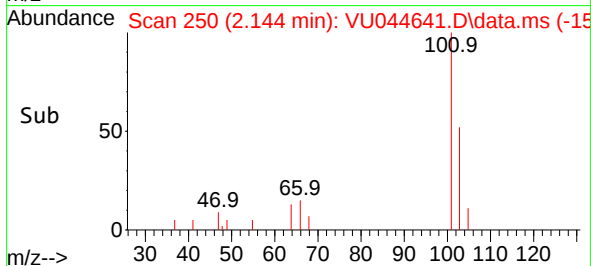


#9
 Trichlorofluoromethane
 Concen: 0.199 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. -0.000 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

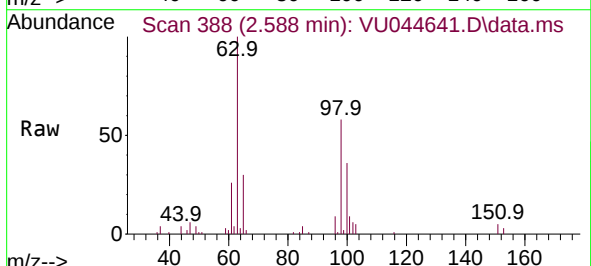
Instrument :
 MSVOA_U
 ClientSampled :



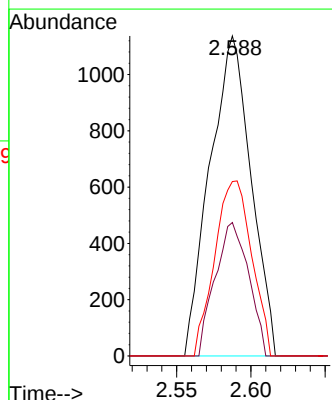
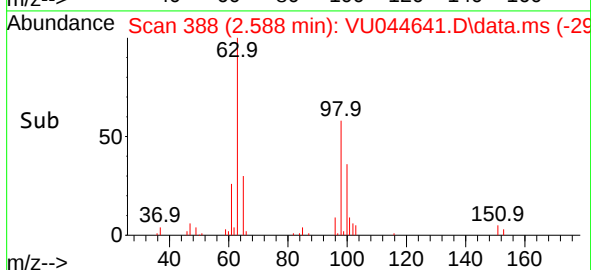
Tgt Ion:101 Resp: 2903
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.2 76.8

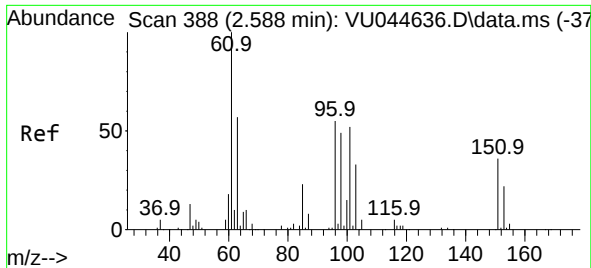


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.244 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57



Tgt Ion:101 Resp: 2188
 Ion Ratio Lower Upper
 101 100
 85 34.0 35.4 53.2#
 151 49.3 53.9 80.9#

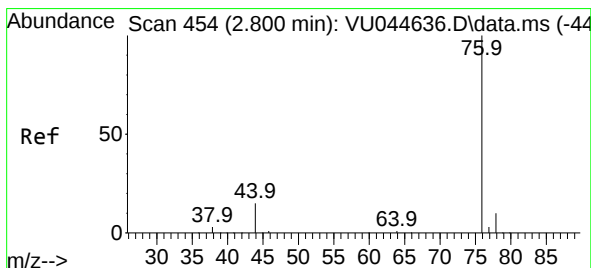
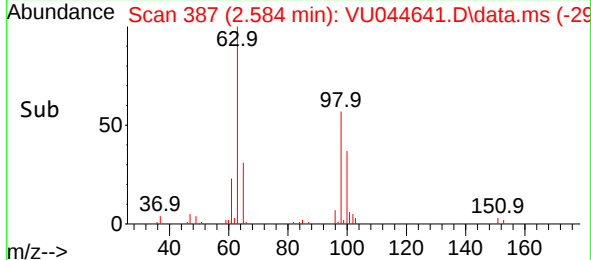
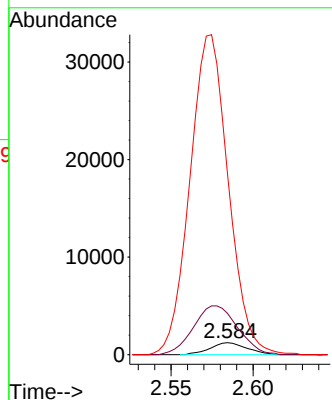
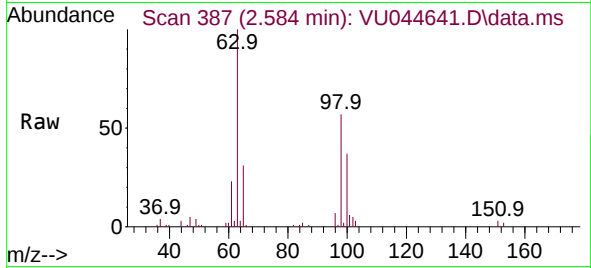




#12
1,1-Dichloroethene
Concen: 0.223 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

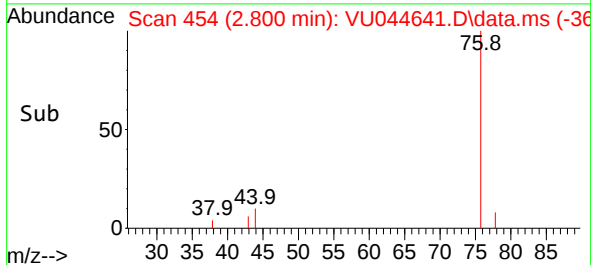
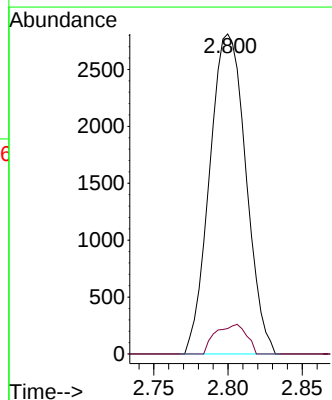
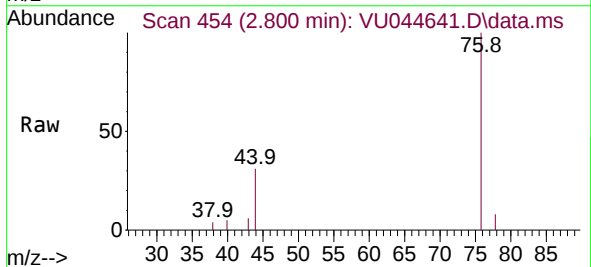
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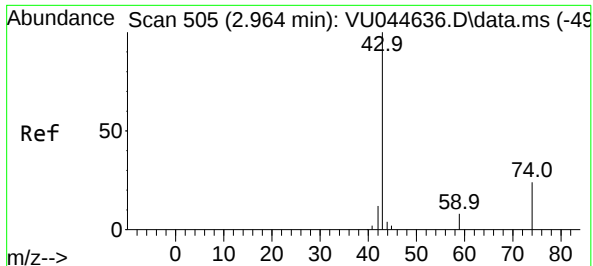
Tgt Ion: 96 Resp: 1900
Ion Ratio Lower Upper
96 100
61 346.3 129.3 240.1#
63 1516.6 91.3 169.5#



#14
Carbon disulfide
Concen: 0.177 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 76 Resp: 4776
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0





#15

Methyl Acetate

Concen: 0.093 ug/L

RT: 2.964 min Scan# 505

Delta R.T. -0.000 min

Lab File: VU044641.D

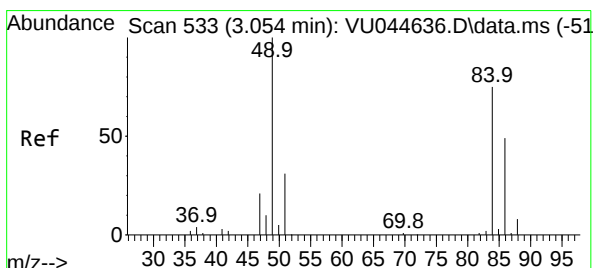
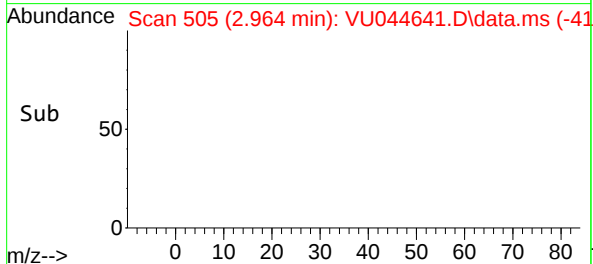
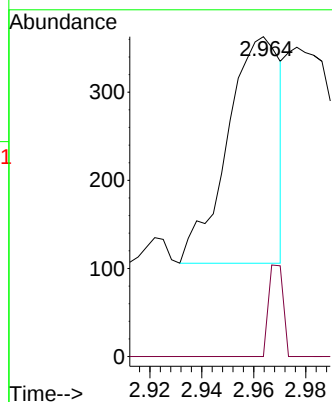
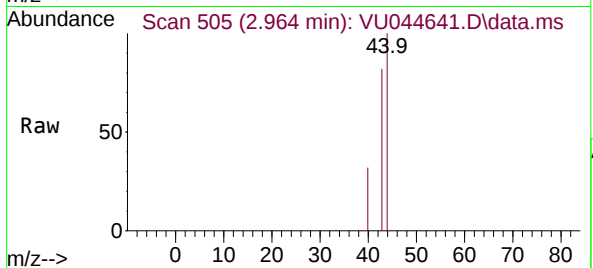
Acq: 15 Sep 2021 13:57

Tgt Ion: 43 Resp: 360

Ion Ratio Lower Upper

43 100

74 11.1 20.6 30.8#



#16

Methylene chloride

Concen: 0.490 ug/L

RT: 3.051 min Scan# 532

Delta R.T. -0.003 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

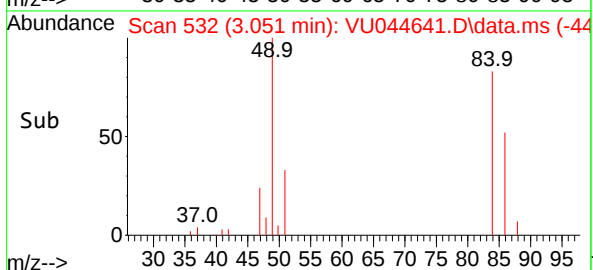
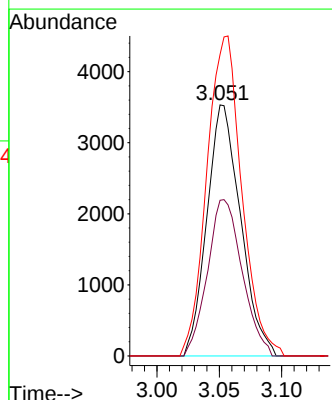
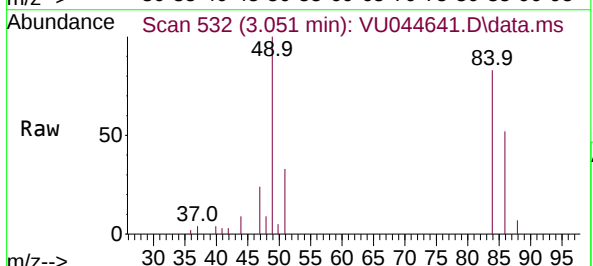
Tgt Ion: 84 Resp: 6644

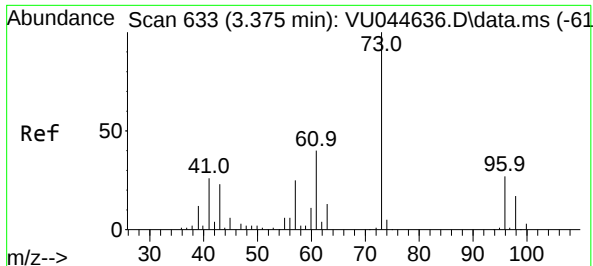
Ion Ratio Lower Upper

84 100

86 62.0 45.8 85.2

49 125.8 92.9 172.5



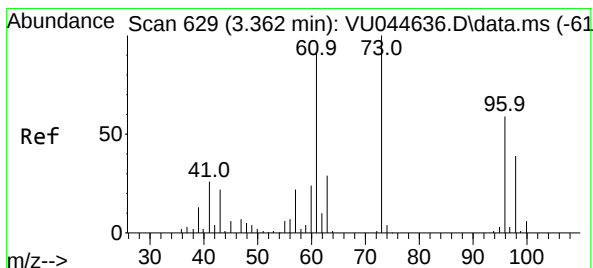
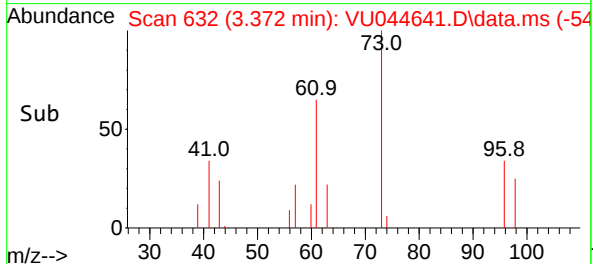
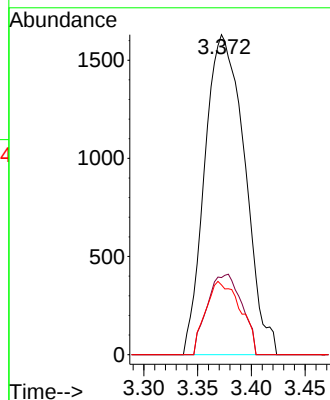
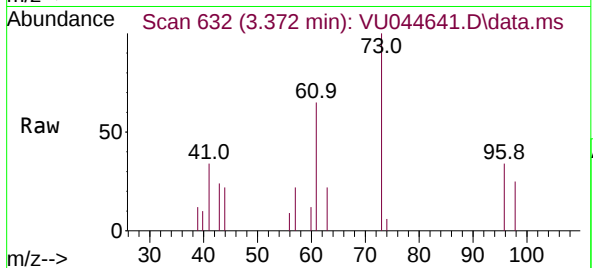


#17

Methyl tert-butyl Ether
 Concen: 0.178 ug/L
 RT: 3.372 min Scan# 632
 Delta R.T. -0.003 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

Instrument :
 MSVOA_U
 ClientSampleId :

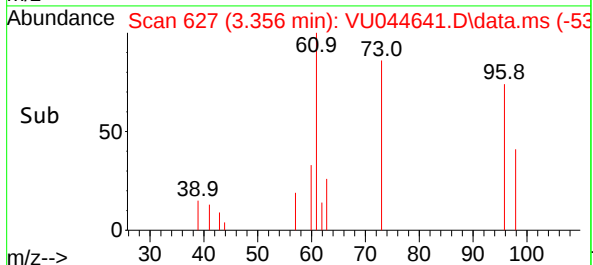
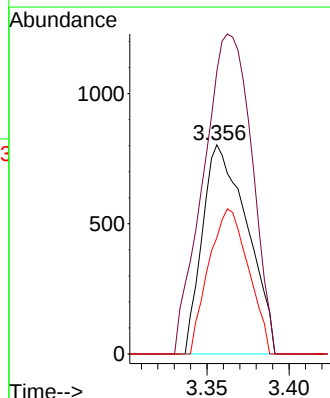
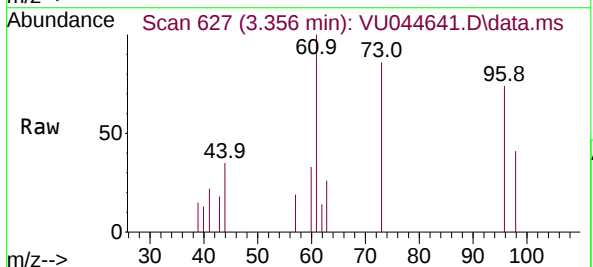
Tgt Ion: 73	Resp: 4198
Ion Ratio	Lower Upper
73 100	
43 21.9	17.8 26.6
57 19.9	18.6 27.8

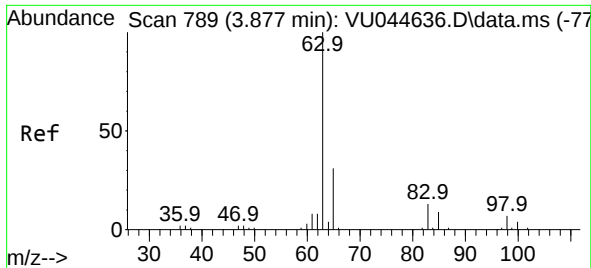


#18

trans-1,2-Dichloroethene
 Concen: 0.168 ug/L
 RT: 3.356 min Scan# 627
 Delta R.T. -0.007 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

Tgt Ion: 96	Resp: 1522
Ion Ratio	Lower Upper
96 100	
61 135.1	107.2 199.0
98 55.5	42.8 79.6





#19

1,1-Dichloroethane

Concen: 0.196 ug/L

RT: 3.880 min Scan# 790

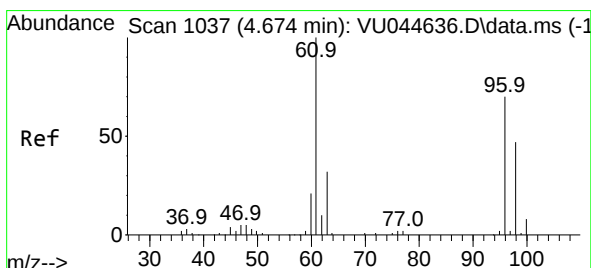
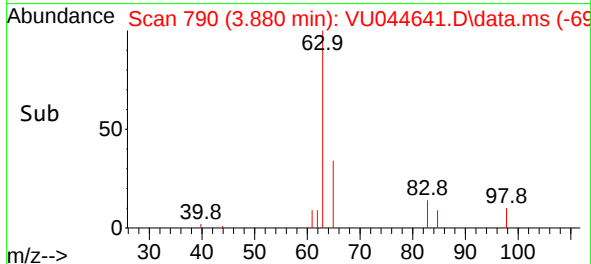
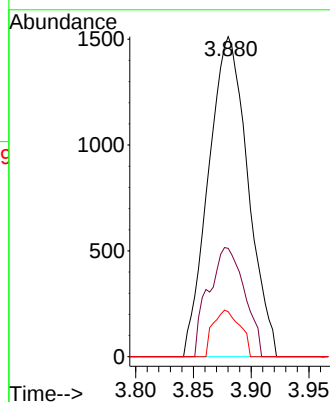
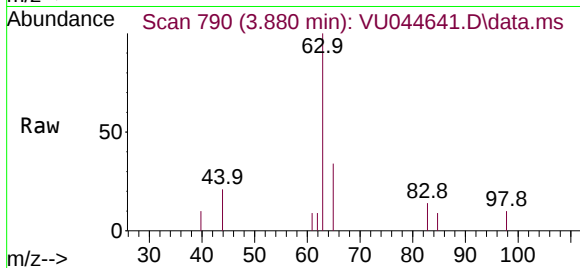
Delta R.T. 0.003 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion:	63	Resp:	3588
Ion	Ratio	Lower	Upper
63	100		
65	33.9	21.8	40.6
83	14.1	8.8	16.3

Instrument :
MSVOA_U
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.177 ug/L

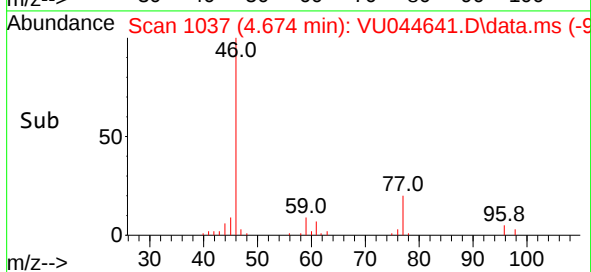
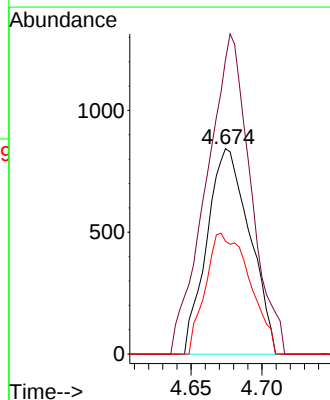
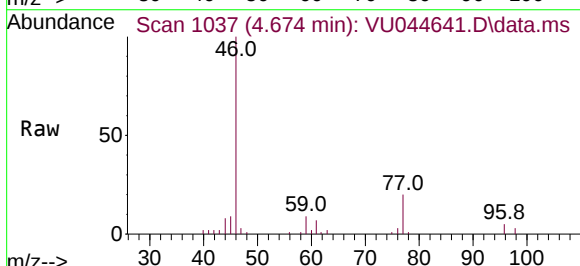
RT: 4.674 min Scan# 1037

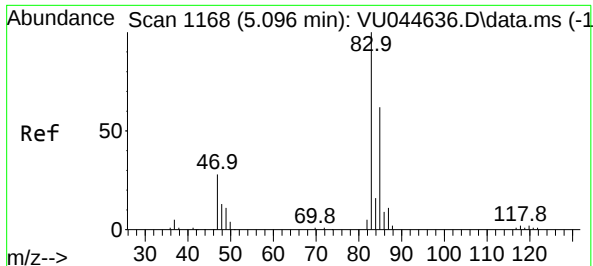
Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion:	96	Resp:	1773
Ion	Ratio	Lower	Upper
96	100		
61	143.4	96.9	179.9
98	54.9	43.5	80.7





#25

Chloroform

Concen: 0.427 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU044641.D

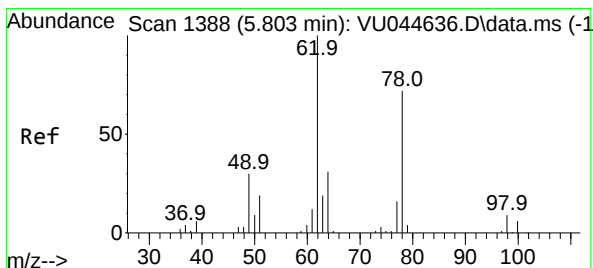
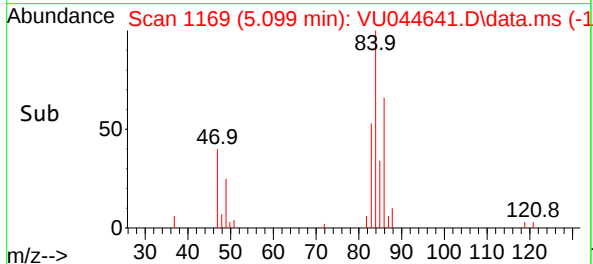
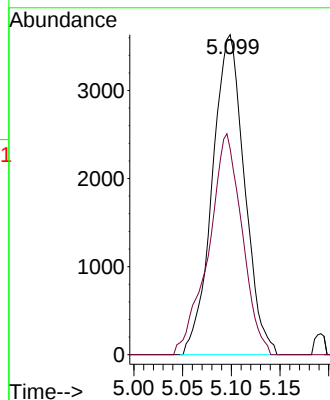
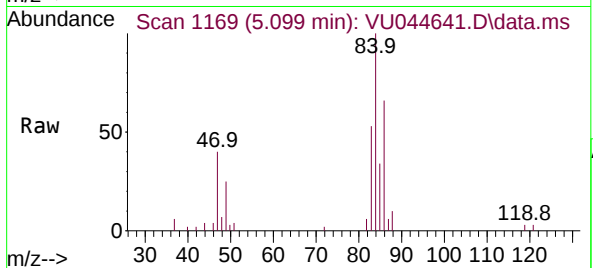
Acq: 15 Sep 2021 13:57

Tgt Ion: 83 Resp: 8352

Ion Ratio Lower Upper

83 100

85 64.4 44.2 82.0



#27

1,2-Dichloroethane

Concen: 0.202 ug/L

RT: 5.806 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VU044641.D

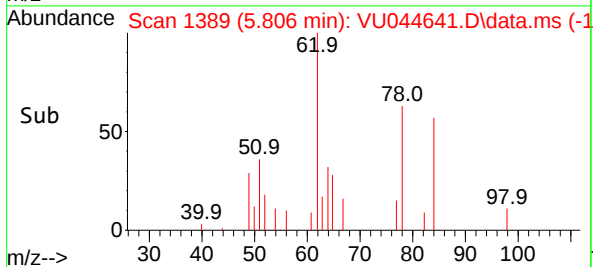
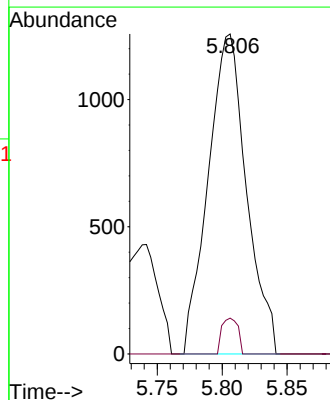
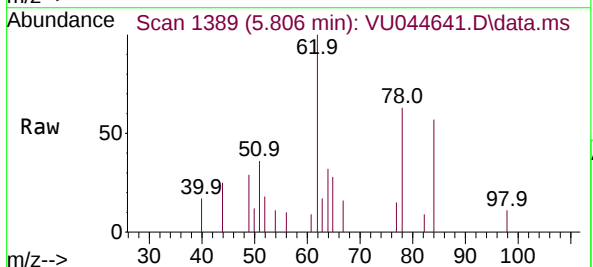
Acq: 15 Sep 2021 13:57

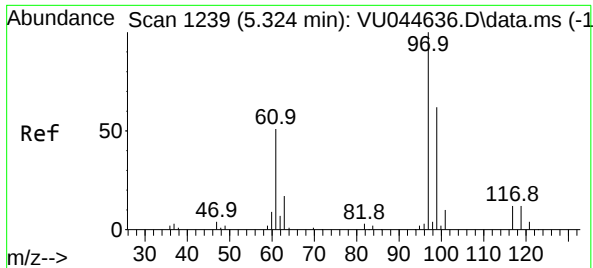
Tgt Ion: 62 Resp: 2582

Ion Ratio Lower Upper

62 100

98 11.2 6.6 10.0#





#29

1,1,1-Trichloroethane

Concen: 0.187 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

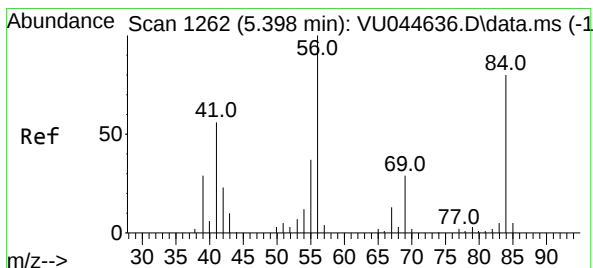
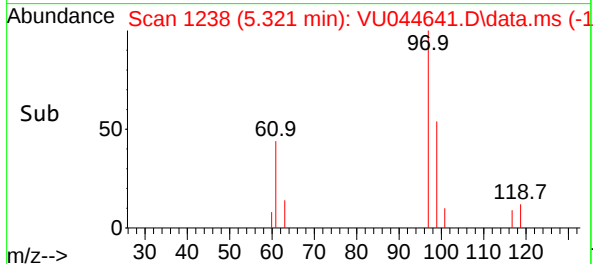
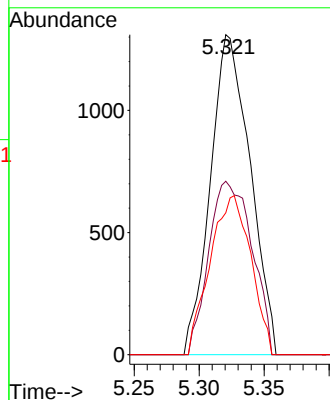
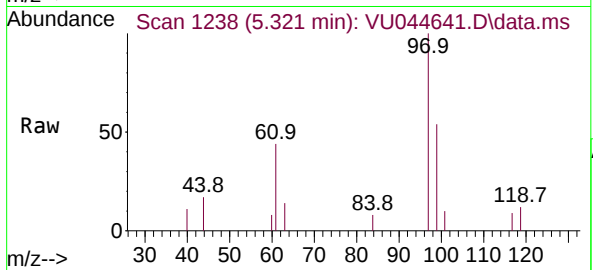
Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion: 97 Resp: 2784

Ion	Ratio	Lower	Upper
97	100		
99	59.2	50.7	76.1
61	51.1	40.6	60.8

Instrument :
MSVOA_U
ClientSampled :



#30

Cyclohexane

Concen: 0.165 ug/L

RT: 5.401 min Scan# 1263

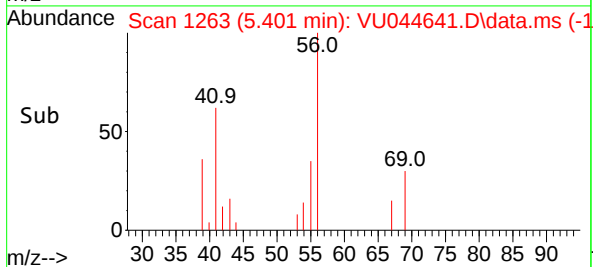
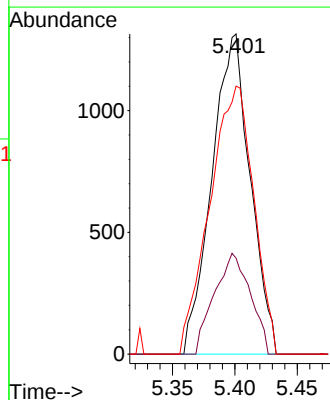
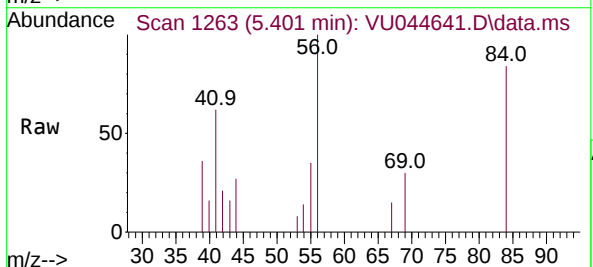
Delta R.T. 0.003 min

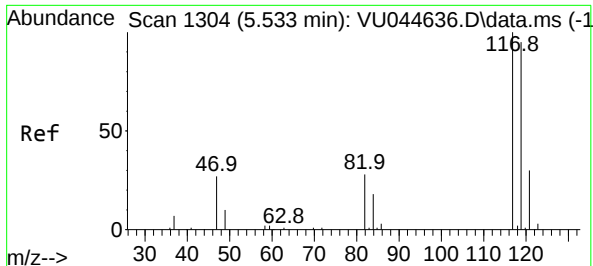
Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion: 56 Resp: 2817

Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.4	35.2
84	95.7	65.5	98.3

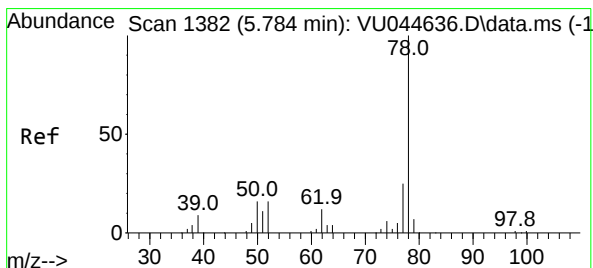
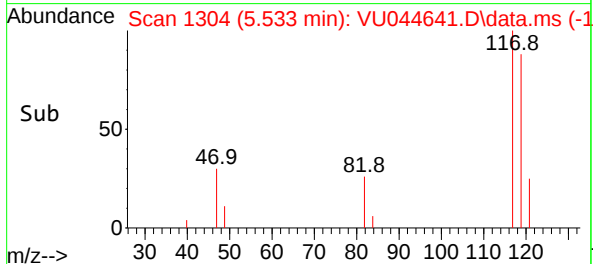
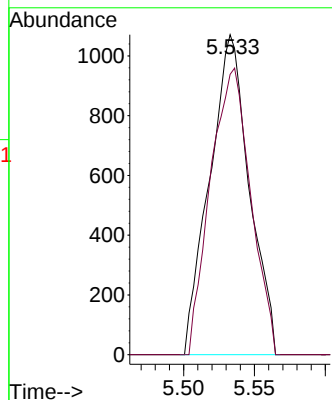
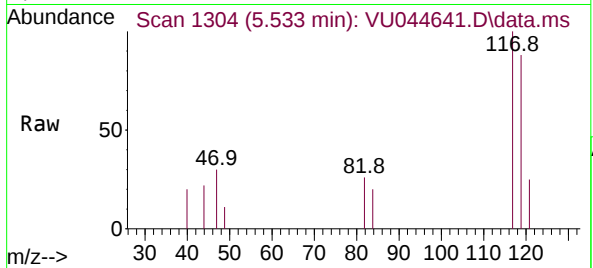




#31
Carbon tetrachloride
Concen: 0.179 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

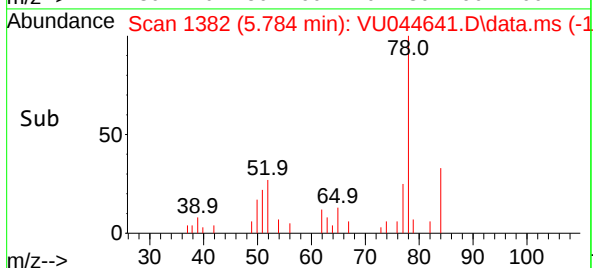
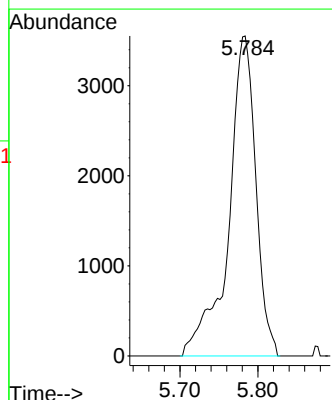
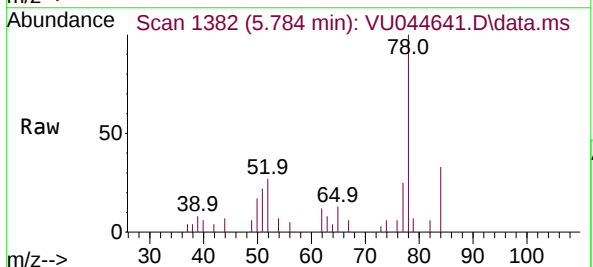
Instrument :
MSVOA_U
ClientSampled :

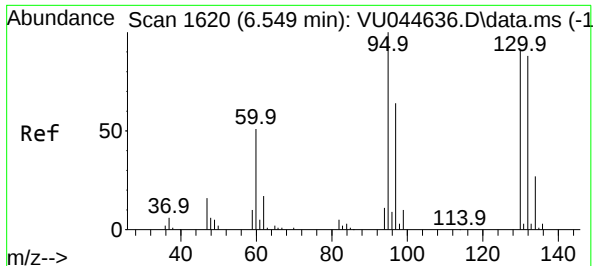
Tgt Ion:117 Resp: 2086
Ion Ratio Lower Upper
117 100
119 90.9 76.4 114.6



#33
Benzene
Concen: 0.212 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 78 Resp: 8623





#34

Trichloroethene

Concen: 0.188 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion: 95 Resp: 1887

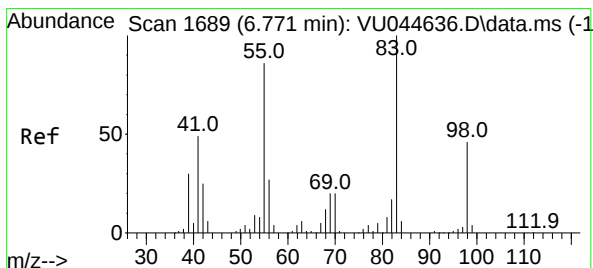
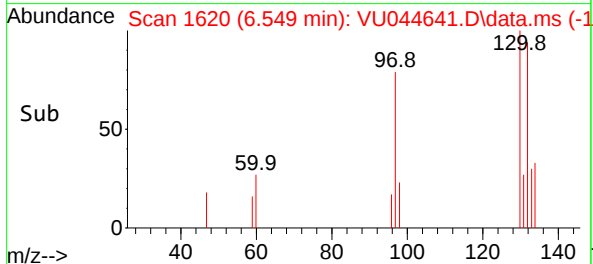
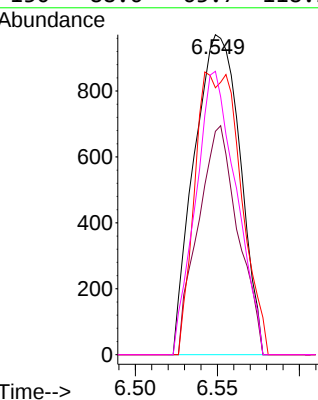
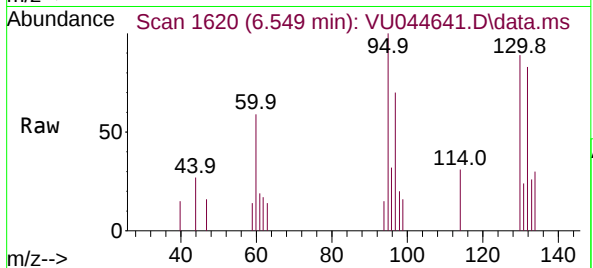
Ion Ratio Lower Upper

95 100

97 69.8 44.7 82.9

132 83.4 60.3 111.9

130 88.6 63.7 118.3



#35

Methylcyclohexane

Concen: 0.176 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

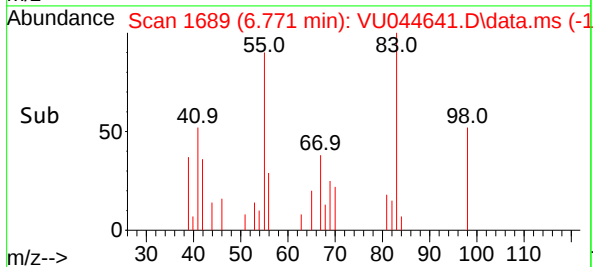
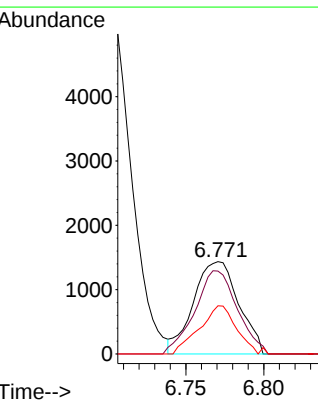
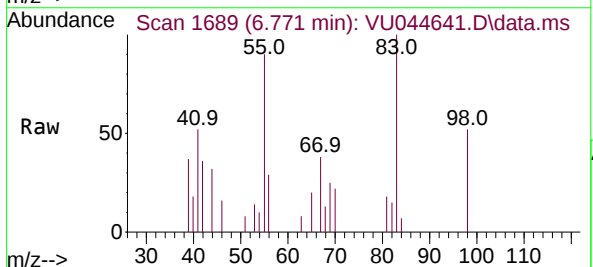
Tgt Ion: 83 Resp: 2904

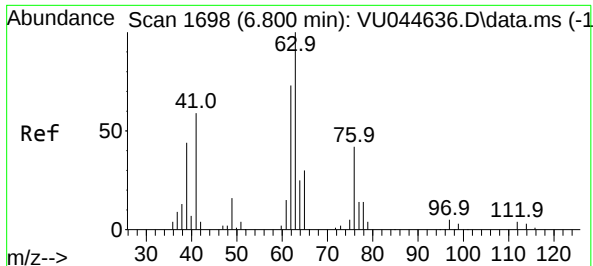
Ion Ratio Lower Upper

83 100

55 84.6 68.3 102.5

98 43.0 37.3 55.9

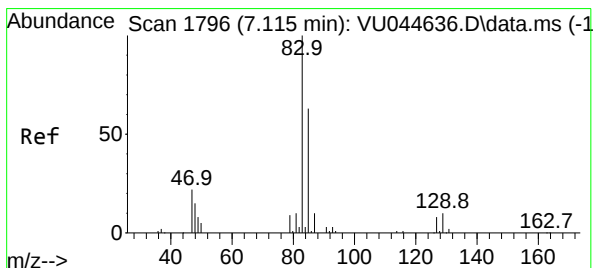
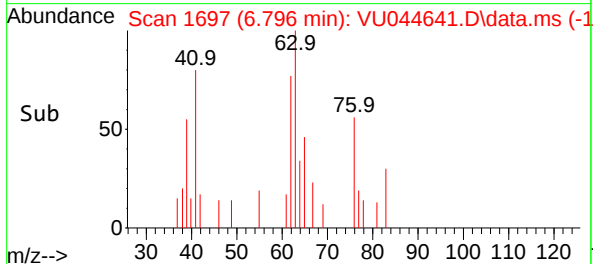
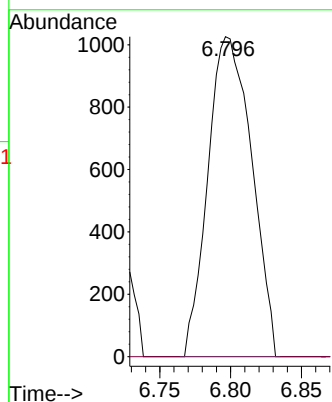
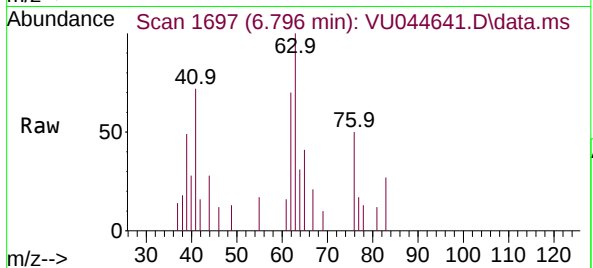




#37
1,2-Dichloropropane
Concen: 0.203 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

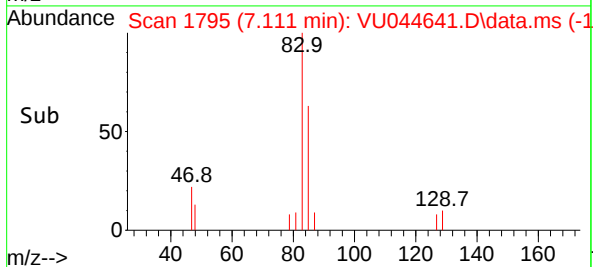
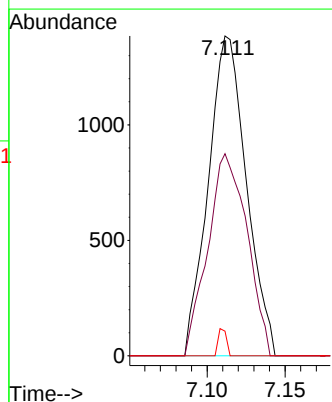
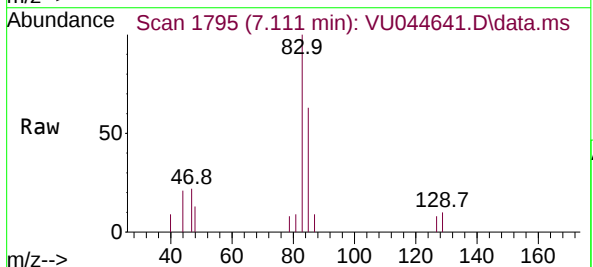
Instrument :
MSVOA_U
ClientSampled :

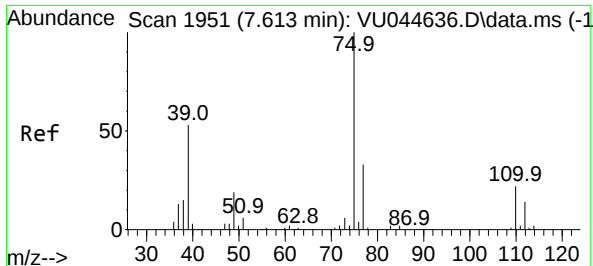
Tgt Ion: 63 Resp: 2204
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#38
Bromodichloromethane
Concen: 0.178 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 83 Resp: 2353
Ion Ratio Lower Upper
83 100
85 63.2 46.3 86.1
127 7.7 6.0 9.0



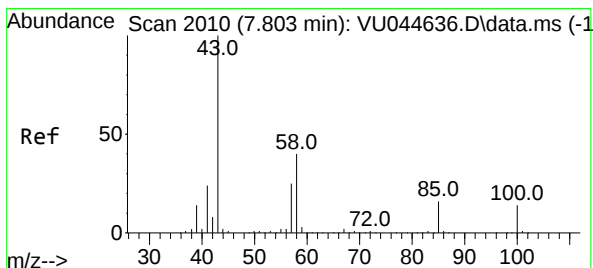
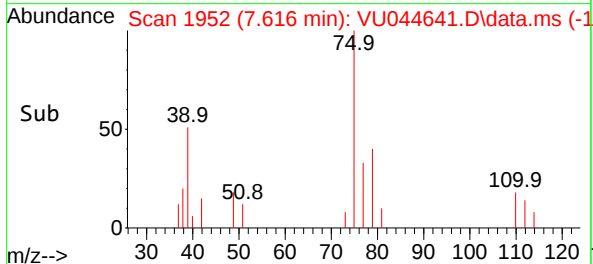
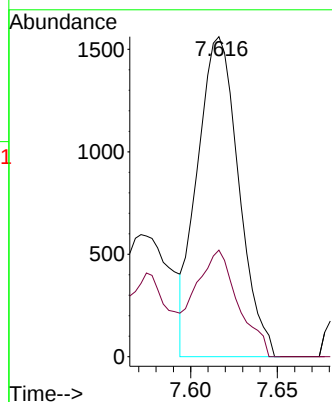
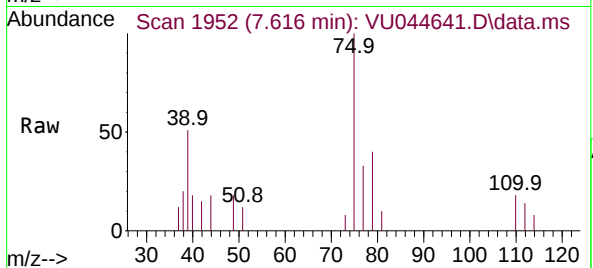


#39

cis-1,3-Dichloropropene
Concen: 0.168 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Instrument :
MSVOA_U
ClientSampled :

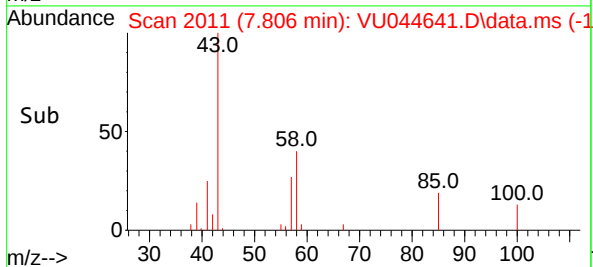
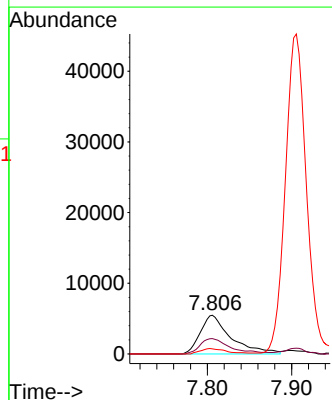
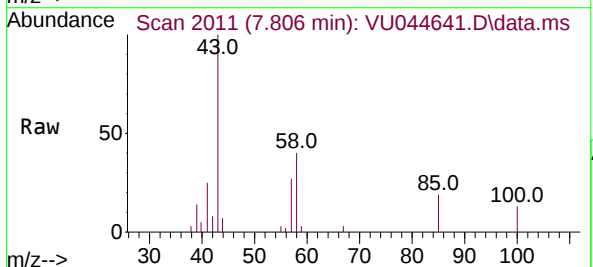
Tgt Ion: 75 Resp: 2596
Ion Ratio Lower Upper
75 100
77 33.3 21.5 39.9

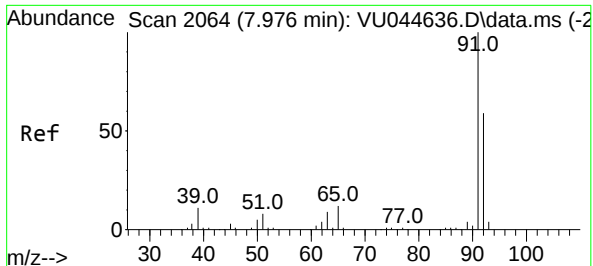


#40

4-Methyl-2-pentanone
Concen: 1.640 ug/L
RT: 7.806 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 43 Resp: 13887
Ion Ratio Lower Upper
43 100
58 39.4 31.2 46.8
100 0.0 11.4 17.0#

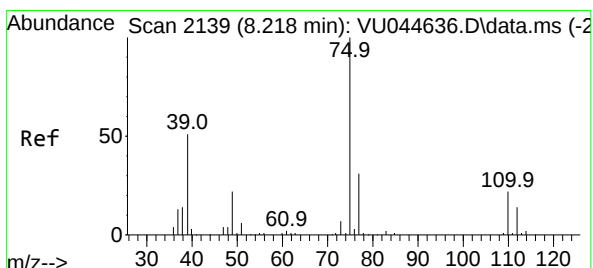
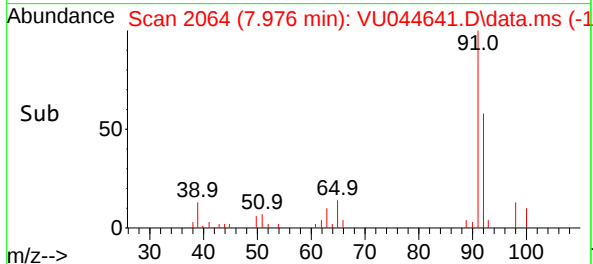
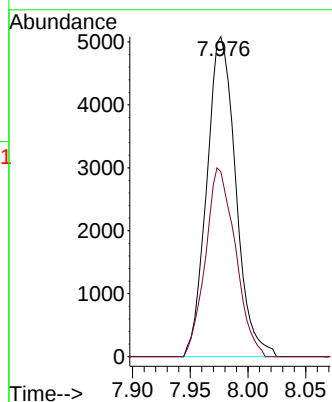
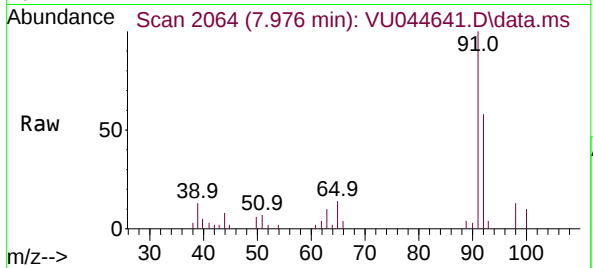




#42
Toluene
Concen: 0.210 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

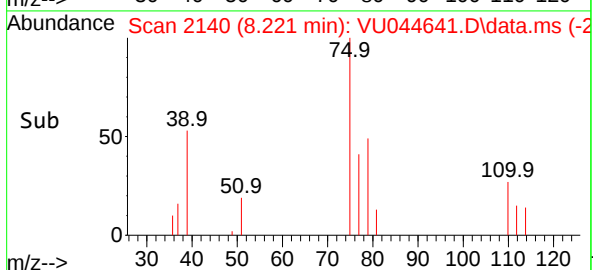
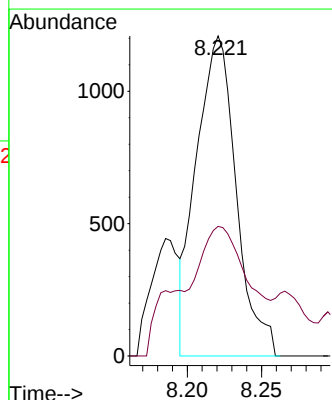
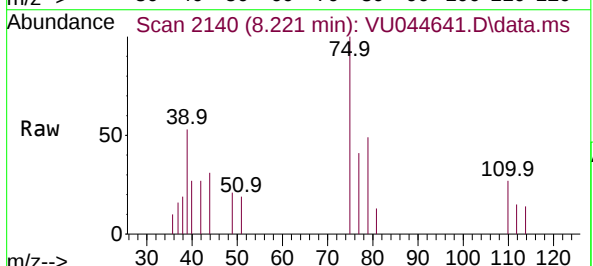
Instrument :
MSVOA_U
ClientSampled :

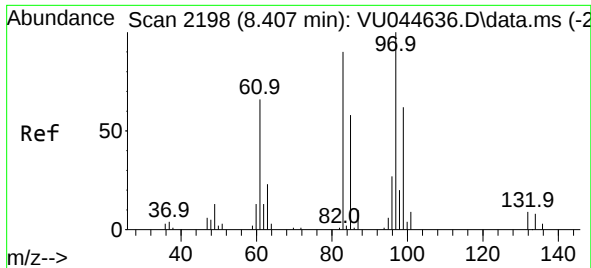
Tgt Ion: 91 Resp: 8897
Ion Ratio Lower Upper
91 100
92 57.7 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 0.172 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 75 Resp: 2258
Ion Ratio Lower Upper
75 100
77 40.5 22.0 41.0

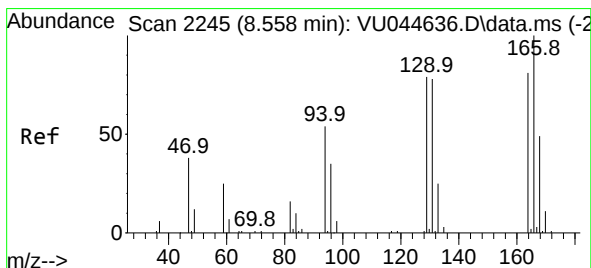
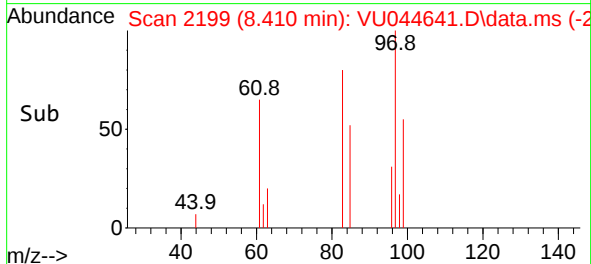
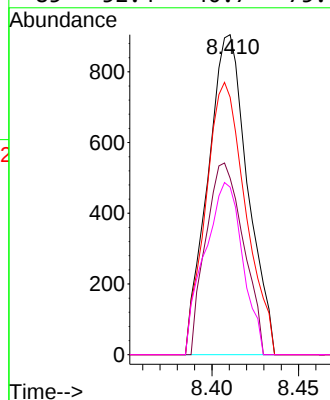
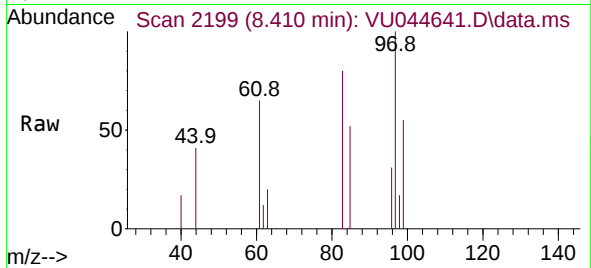




#45
1,1,2-Trichloroethane
Concen: 0.187 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

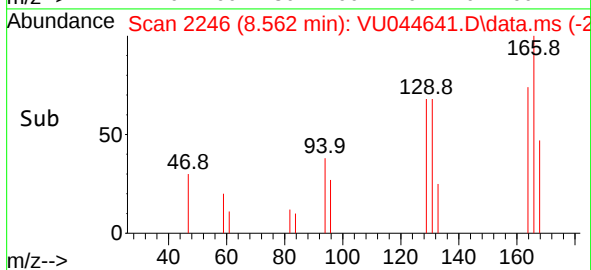
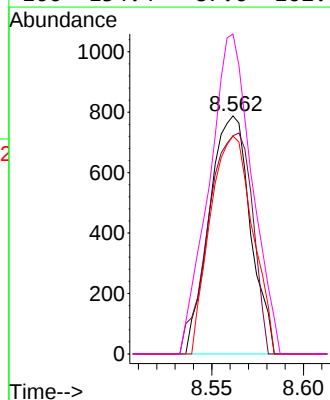
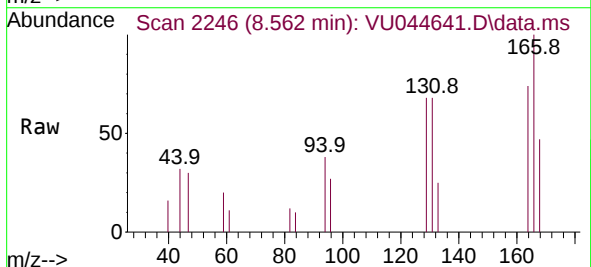
Instrument :
MSVOA_U
ClientSampleId :

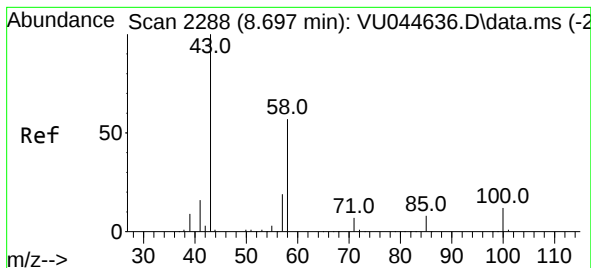
Tgt Ion:	97	Resp:	1448
Ion	Ratio	Lower	Upper
97	100		
99	55.1	44.8	83.2
83	80.4	63.6	118.0
85	52.4	40.7	75.7



#47
Tetrachloroethene
Concen: 0.175 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion:	164	Resp:	1223
Ion	Ratio	Lower	Upper
164	100		
129	91.6	67.0	124.4
131	91.5	65.2	121.0
166	134.4	87.6	162.8





#48

2-Hexanone

Concen: 2.732 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion: 43 Resp: 17225

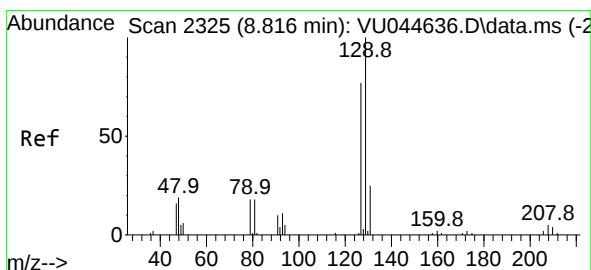
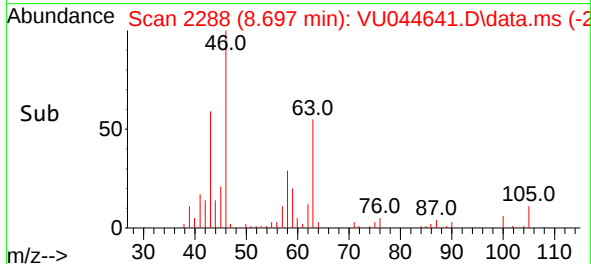
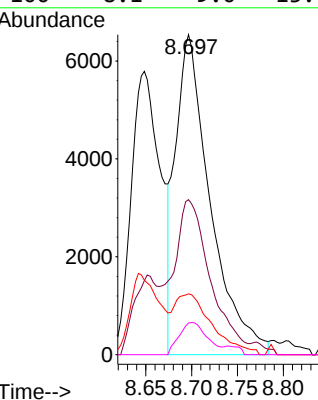
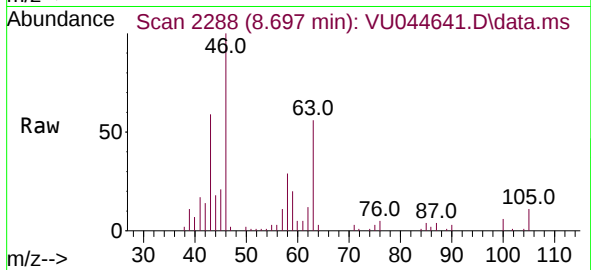
Ion Ratio Lower Upper

43 100

58 44.7 44.6 66.8

57 21.1 14.8 22.2

100 8.1 9.0 13.4#



#49

Dibromochloromethane

Concen: 0.164 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. -0.000 min

Lab File: VU044641.D

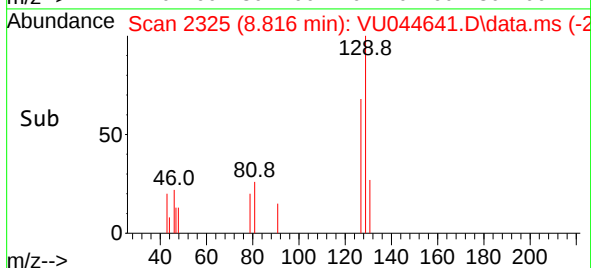
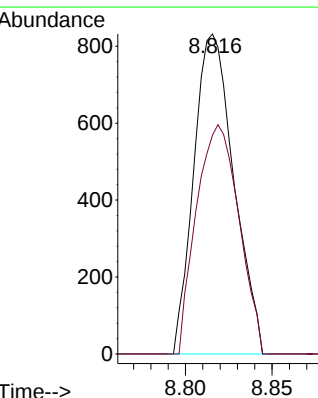
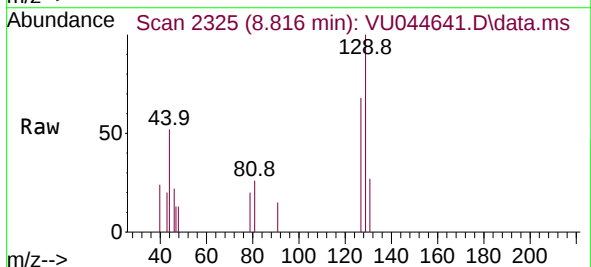
Acq: 15 Sep 2021 13:57

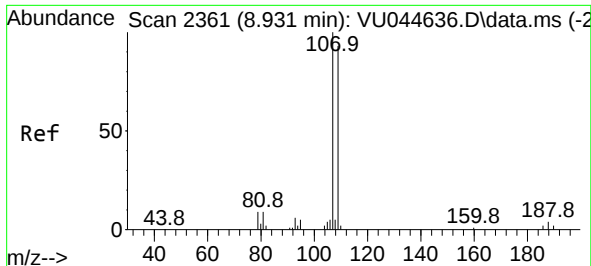
Tgt Ion: 129 Resp: 1337

Ion Ratio Lower Upper

129 100

127 68.4 53.3 99.1





#50

1,2-Dibromoethane

Concen: 0.169 ug/L

RT: 8.931 min Scan# 2361

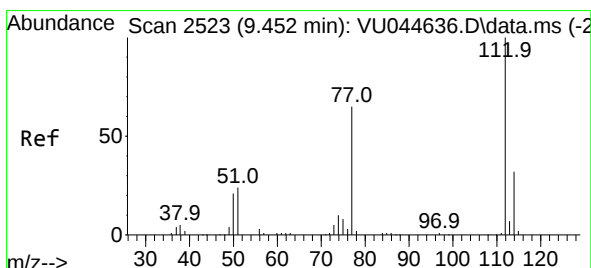
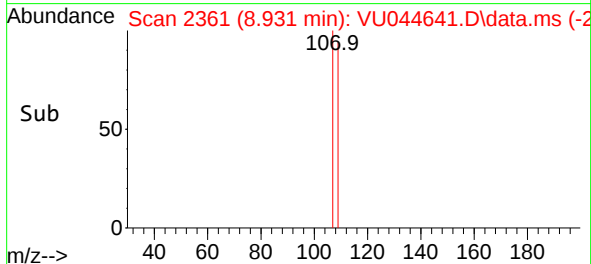
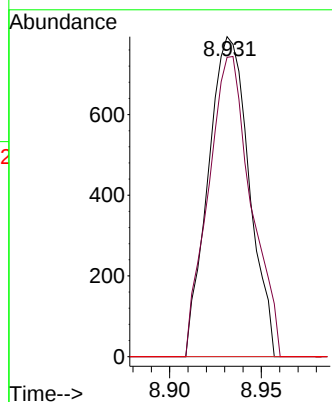
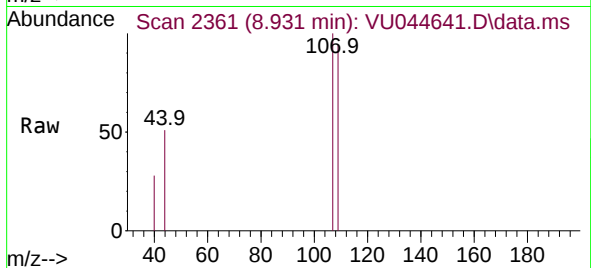
Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	1232
Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.5	121.7
188	0.0	3.0	4.4#



#51

Chlorobenzene

Concen: 0.185 ug/L

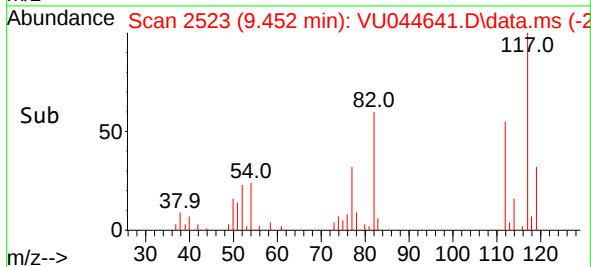
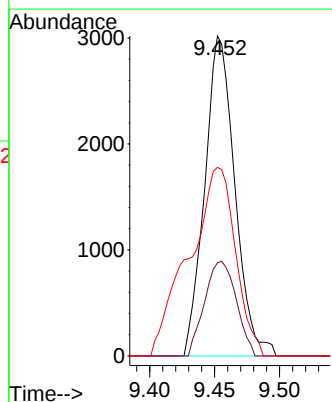
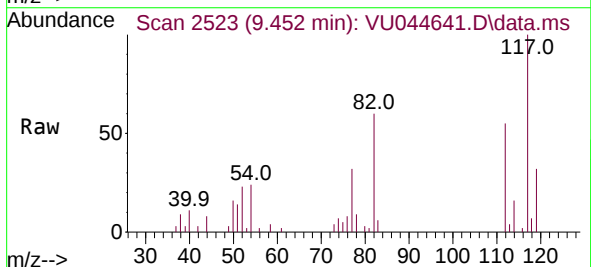
RT: 9.452 min Scan# 2523

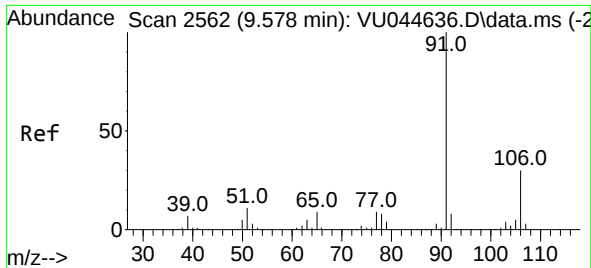
Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion:	112	Resp:	4872
Ion	Ratio	Lower	Upper
112	100		
114	29.1	22.8	42.4
77	59.0	51.4	77.0

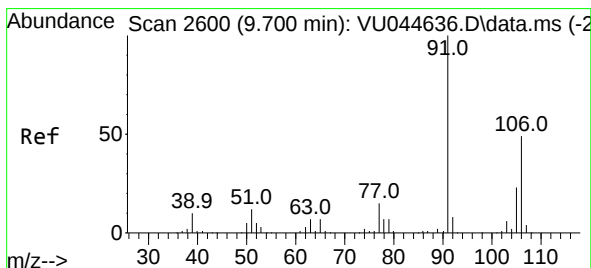
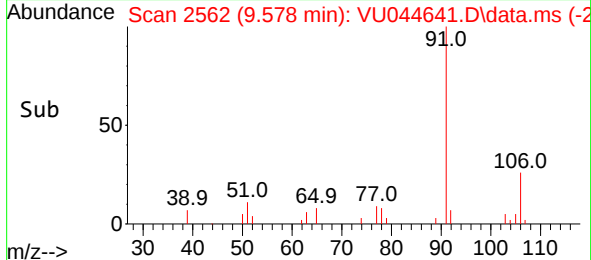
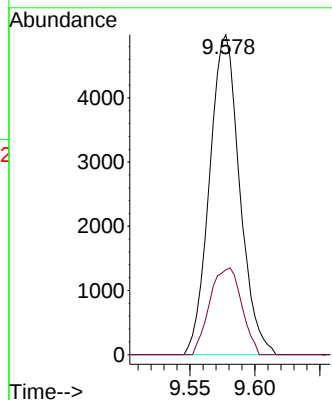
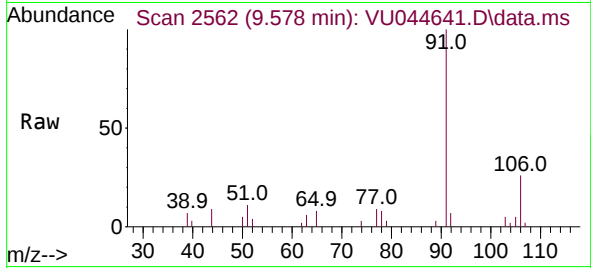




#52
Ethylbenzene
Concen: 0.175 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

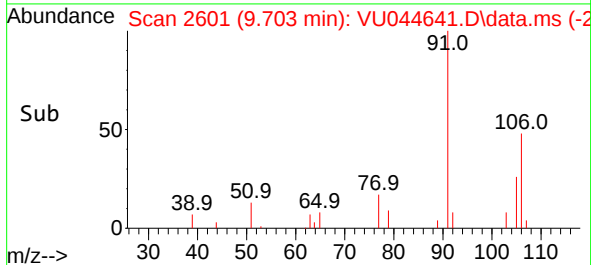
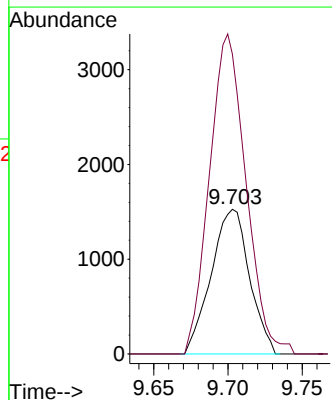
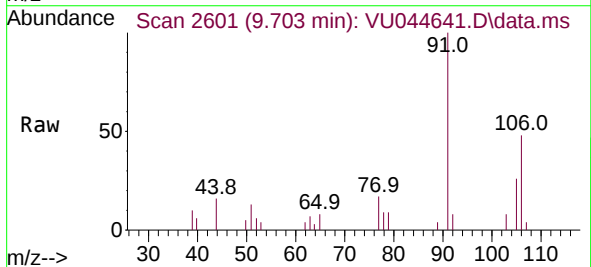
Instrument :
MSVOA_U
ClientSampled :

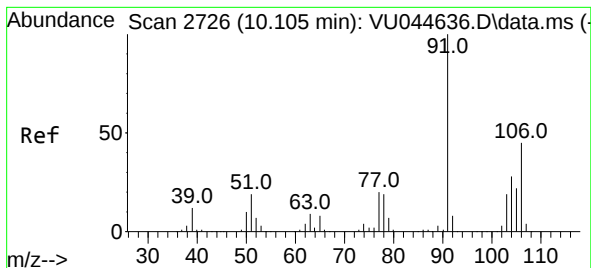
Tgt Ion: 91 Resp: 8032
Ion Ratio Lower Upper
91 100
106 26.5 21.1 39.1



#53
m,p-Xylene
Concen: 0.157 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 106 Resp: 2742
Ion Ratio Lower Upper
106 100
91 207.3 144.6 268.6





#54

o-Xylene

Concen: 0.166 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion:106 Resp: 2765

Ion Ratio Lower Upper

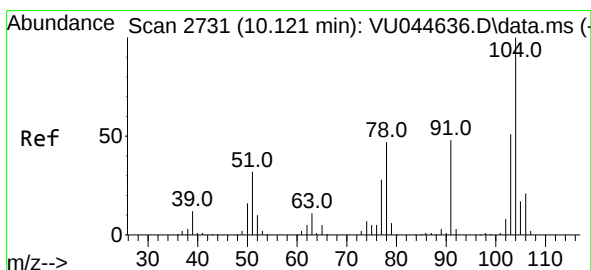
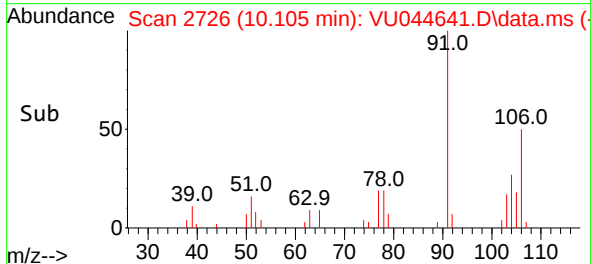
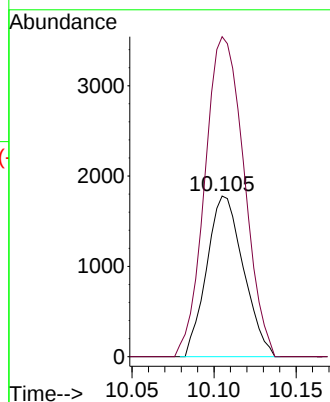
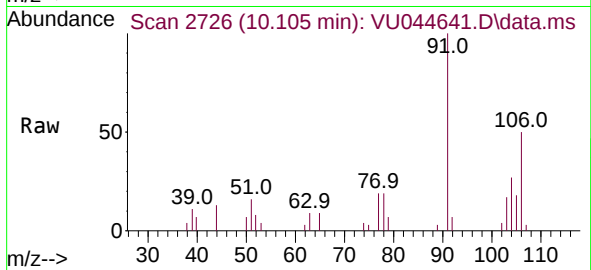
106 100

91 199.3 156.2 290.0

Instrument :

MSVOA_U

ClientSampleId :



#55

Styrene

Concen: 0.155 ug/L

RT: 10.121 min Scan# 2731

Delta R.T. -0.000 min

Lab File: VU044641.D

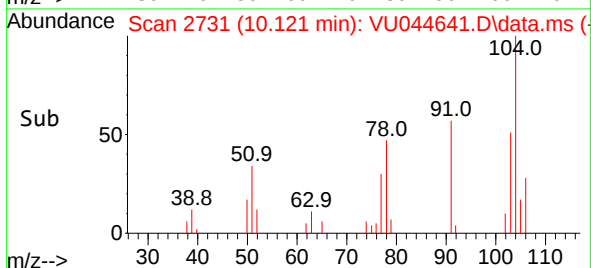
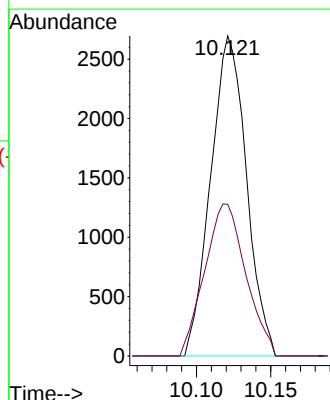
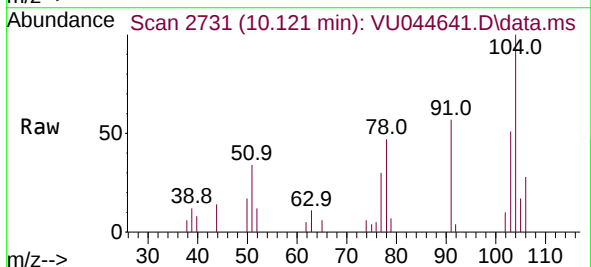
Acq: 15 Sep 2021 13:57

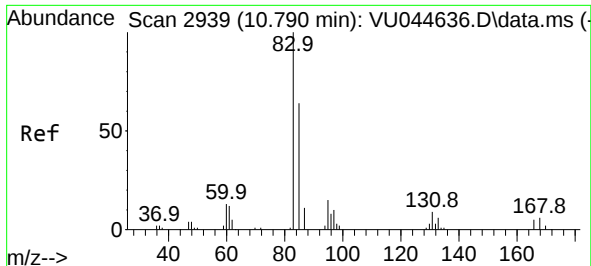
Tgt Ion:104 Resp: 4513

Ion Ratio Lower Upper

104 100

78 47.4 33.6 62.4

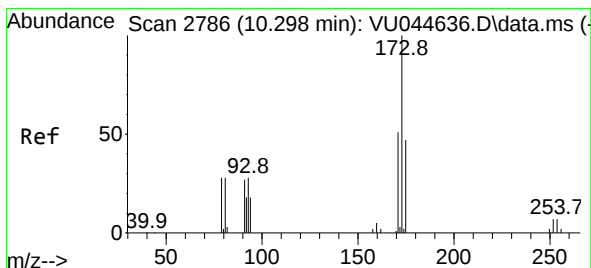
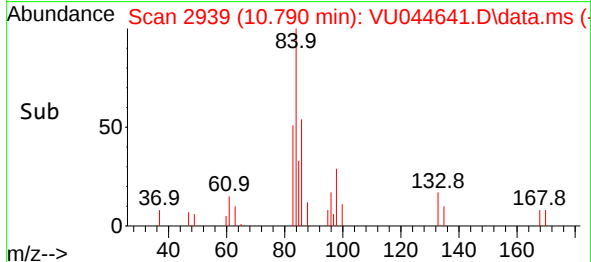
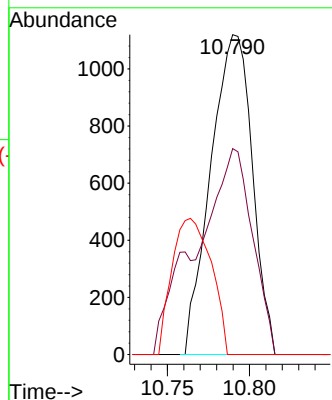
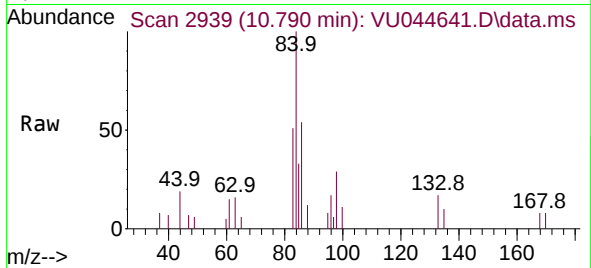




#57
1,1,2,2-Tetrachloroethane
Concen: 0.190 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

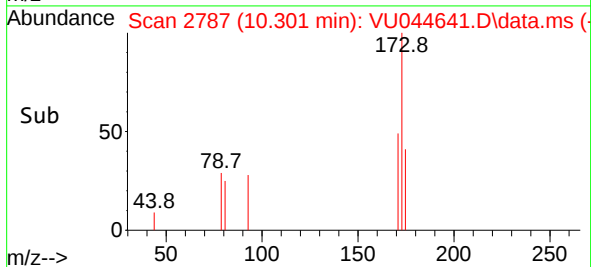
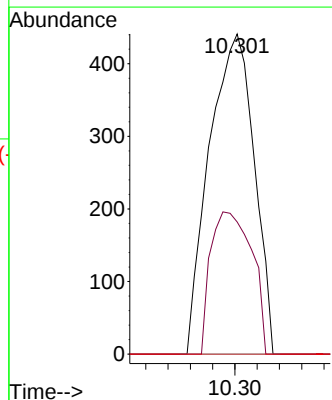
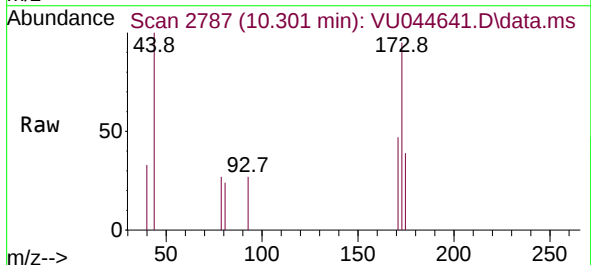
Instrument :
MSVOA_U
ClientSampled :

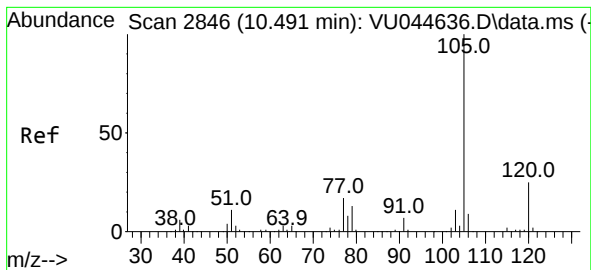
Tgt Ion: 83 Resp: 1974
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
131 0.0 6.6 10.0#



#59
Bromoform
Concen: 0.151 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 173 Resp: 617
Ion Ratio Lower Upper
173 100
175 40.8 38.8 58.2
254 0.0 4.9 7.3#





#60

Isopropylbenzene

Concen: 0.176 ug/L

RT: 10.491 min Scan# 2846

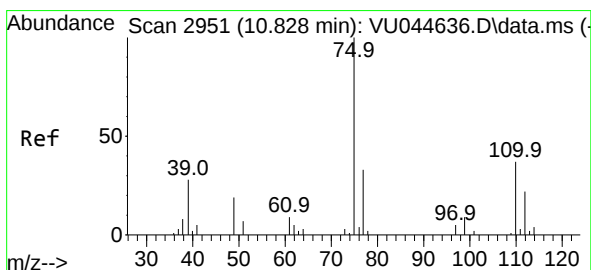
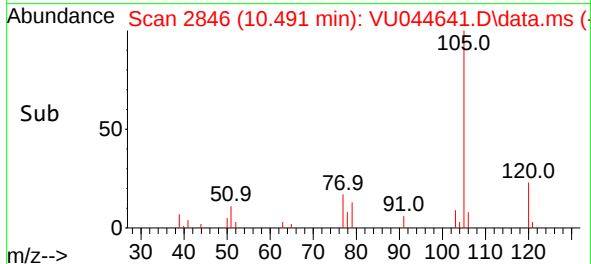
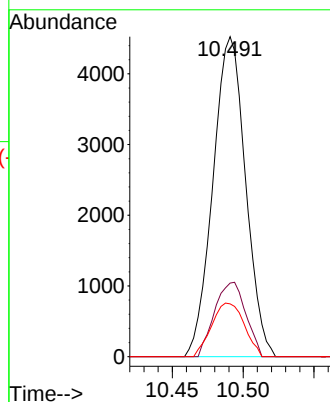
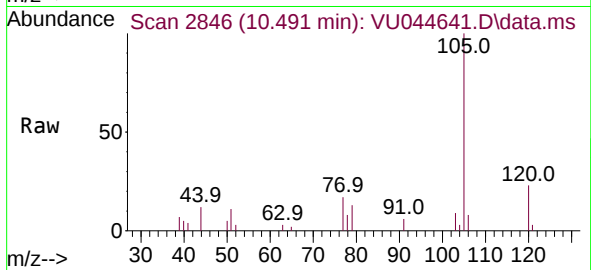
Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion:	105	Resp:	7238
Ion	Ratio	Lower	Upper
105	100		
120	22.3	20.2	30.2
77	16.7	13.6	20.4

Instrument :
MSVOA_U
ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 0.194 ug/L

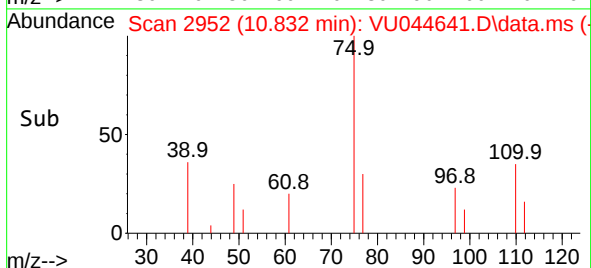
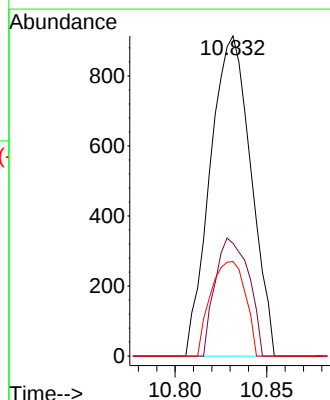
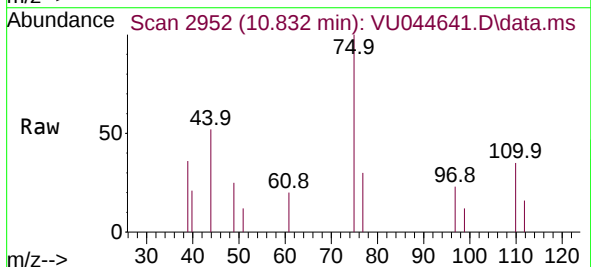
RT: 10.832 min Scan# 2952

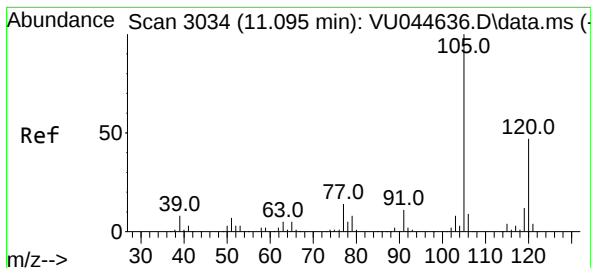
Delta R.T. 0.003 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion:	75	Resp:	1411
Ion	Ratio	Lower	Upper
75	100		
110	30.4	28.8	43.2
77	25.1	25.9	38.9#

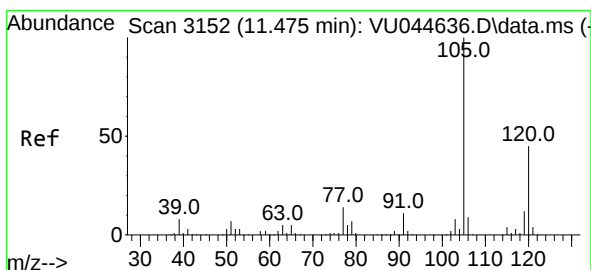
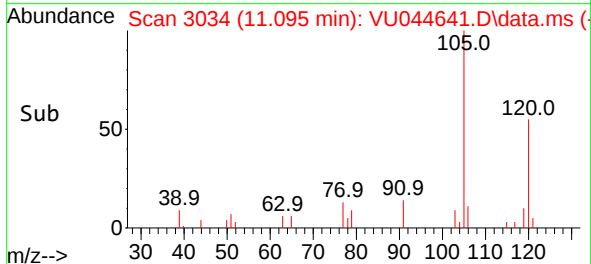
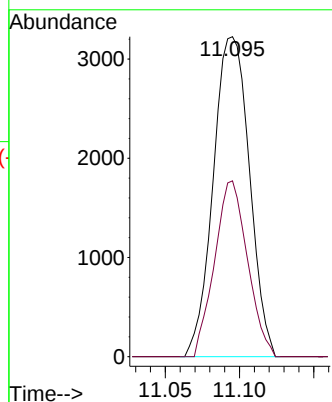
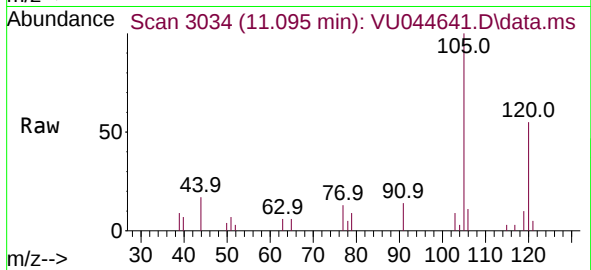




#62
1,3,5-Trimethylbenzene
Concen: 0.160 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

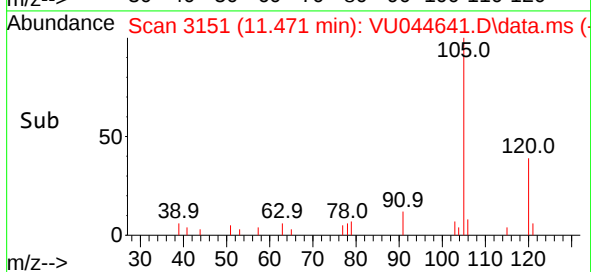
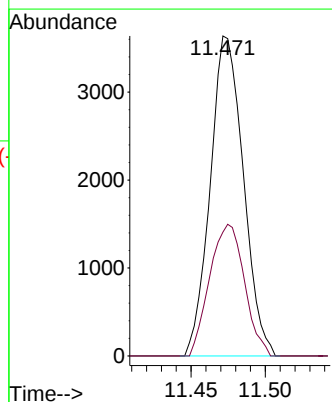
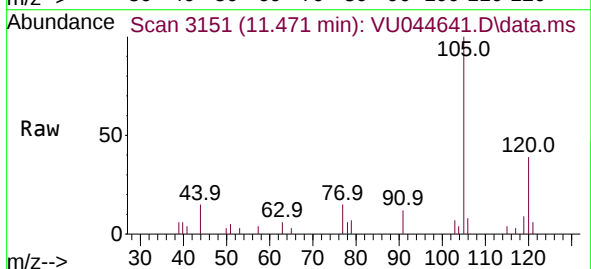
Instrument :
MSVOA_U
ClientSampled :

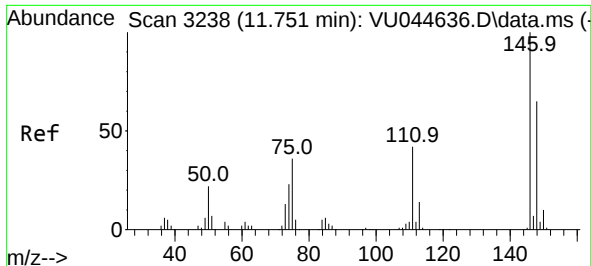
Tgt Ion:105 Resp: 5467
Ion Ratio Lower Upper
105 100
120 49.9 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 0.160 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion:105 Resp: 5641
Ion Ratio Lower Upper
105 100
120 43.2 35.4 53.2

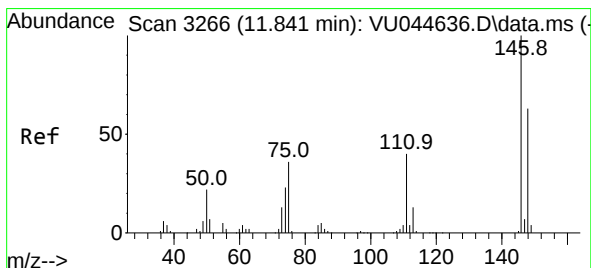
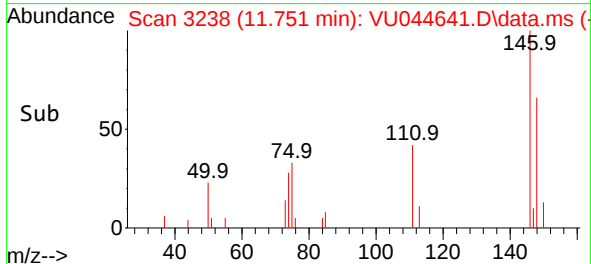
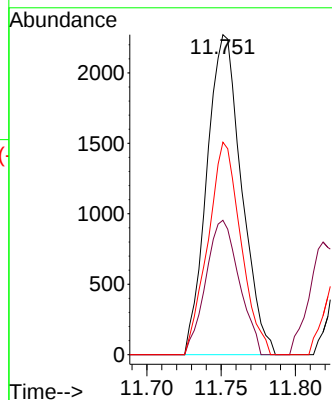
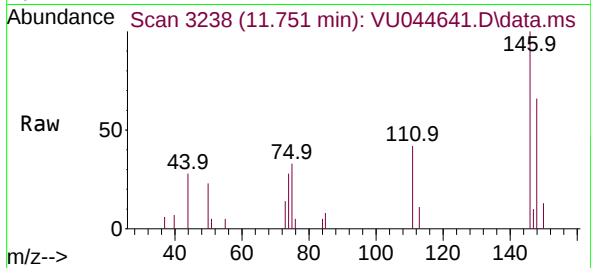




#64
1,3-Dichlorobenzene
Concen: 0.192 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

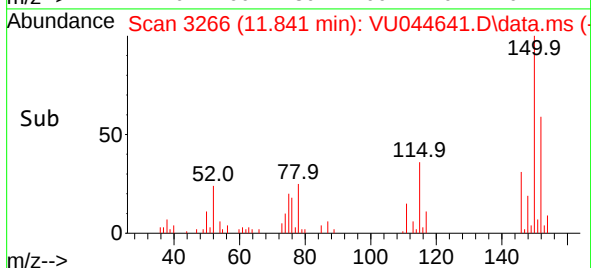
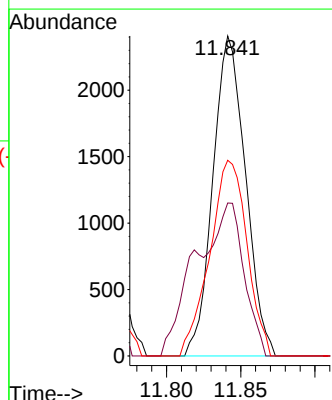
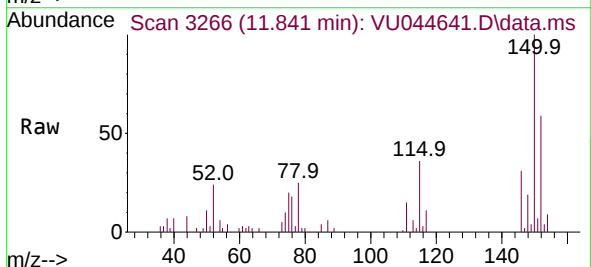
Instrument :
MSVOA_U
ClientSampleId :

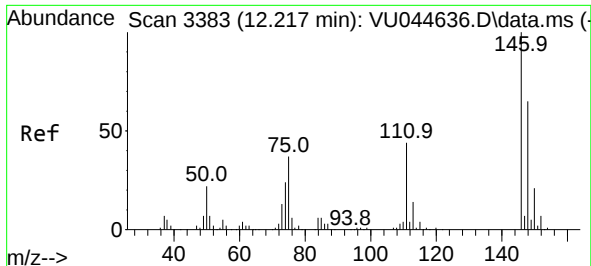
Tgt Ion:146 Resp: 3688
Ion Ratio Lower Upper
146 100
111 42.0 29.8 55.4
148 66.4 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 0.185 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion:146 Resp: 3677
Ion Ratio Lower Upper
146 100
111 47.8 28.7 53.3
148 61.2 45.4 84.4

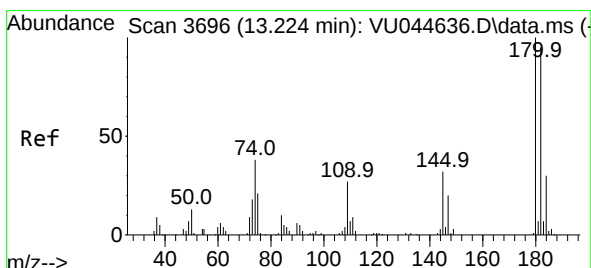
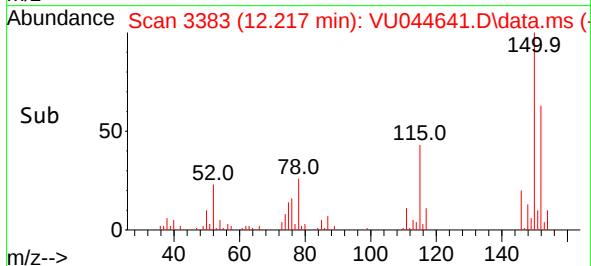
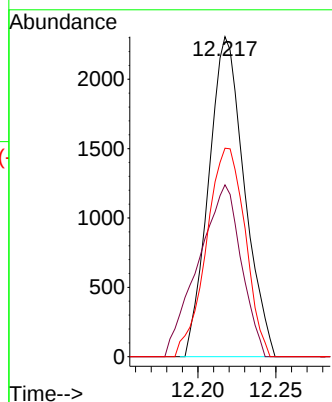
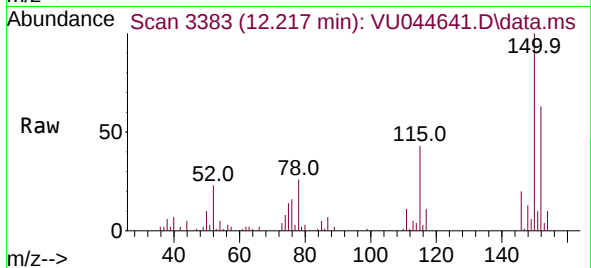




#67
1,2-Dichlorobenzene
Concen: 0.201 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

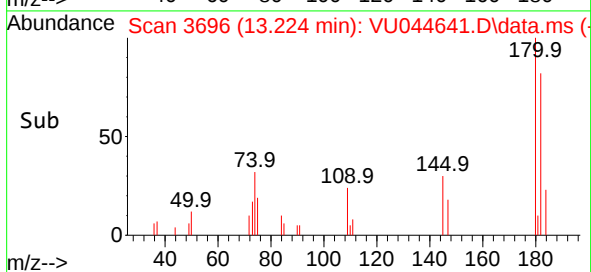
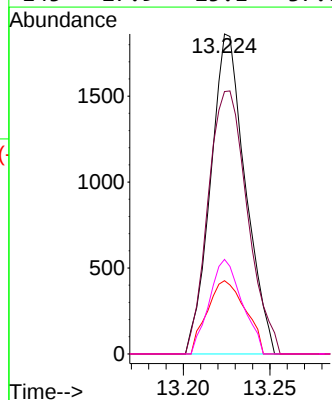
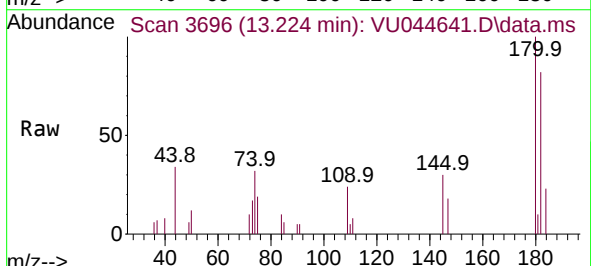
Instrument :
MSVOA_U
ClientSampleId :

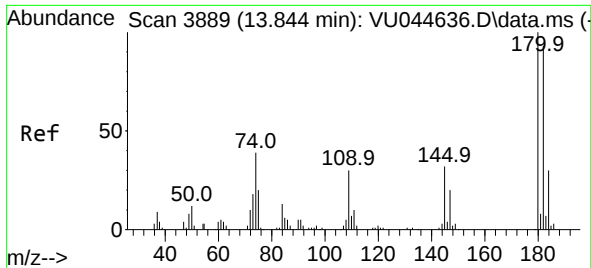
Tgt Ion:146 Resp: 3666
Ion Ratio Lower Upper
146 100
111 53.7 34.6 51.8#
148 65.1 51.3 76.9



#69
1,3,5-Trichlorobenzene
Concen: 0.178 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion:180 Resp: 2597
Ion Ratio Lower Upper
180 100
182 93.0 76.9 115.3
184 25.1 24.1 36.1
145 27.9 25.1 37.7

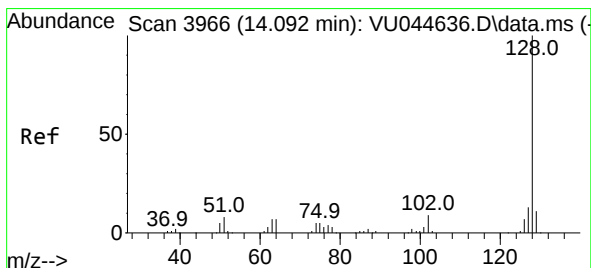
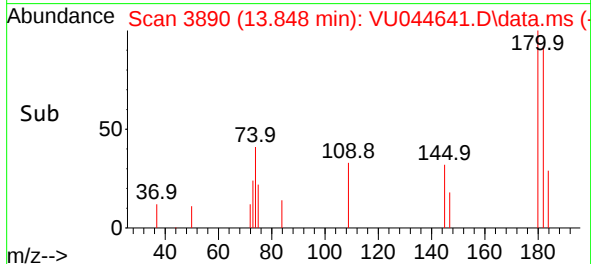
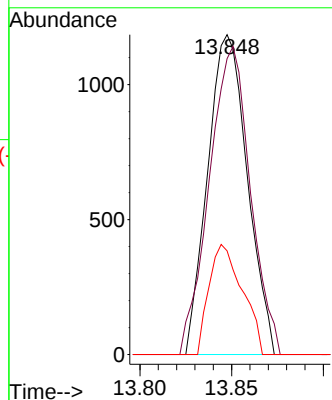
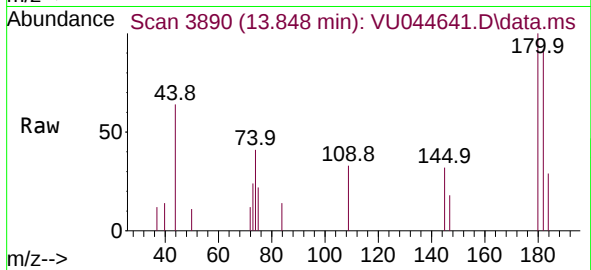




#70
1,2,4-trichlorobenzene
Concen: 0.145 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

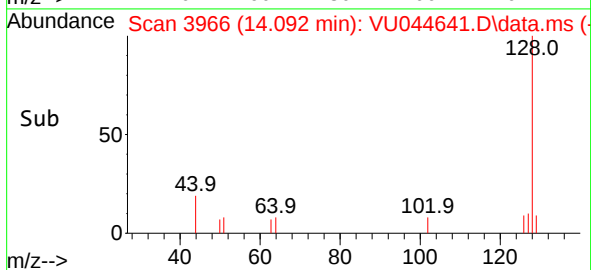
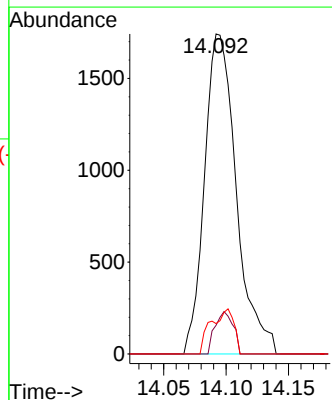
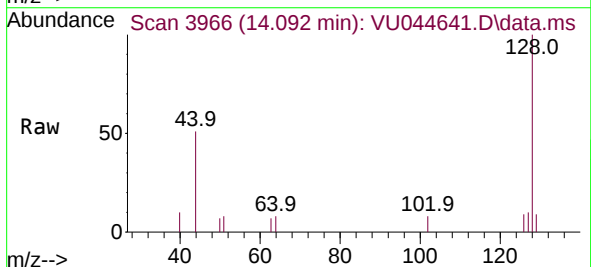
Instrument :
MSVOA_U
ClientSampled :

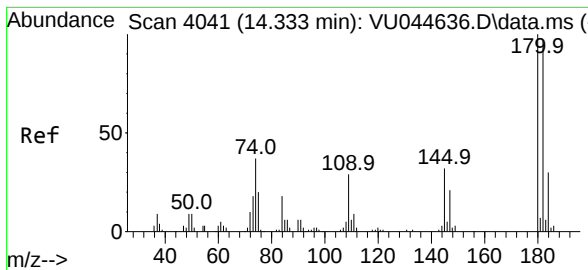
Tgt Ion:180 Resp: 1783
Ion Ratio Lower Upper
180 100
182 99.7 75.4 113.0
145 28.9 25.2 37.8



#71
Naphthalene
Concen: 0.129 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

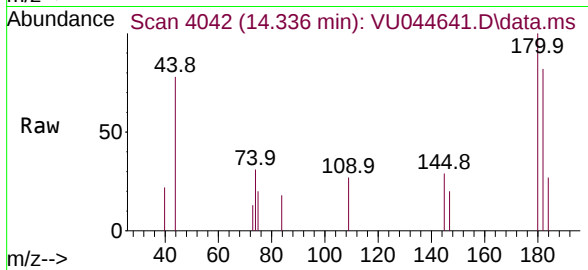
Tgt Ion:128 Resp: 3093
Ion Ratio Lower Upper
128 100
129 7.6 8.7 13.1#
127 10.1 10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.148 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1678
Ion	Ratio	Lower	Upper
180	100		
182	88.3	75.9	113.9
145	27.9	27.0	40.6

