

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021921\
 Data File : VU042352.D
 Acq On : 19 Feb 2021 10:00
 Operator : SY/MD
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 19 13:02:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR021921WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 19 13:01:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	112208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	104821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	57179	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	3068	0.44	ug/L	0.00
7) Chloroethane-d5	1.919	69	3025	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	7707	0.48	ug/L	0.00
20) 2-Butanone-d5	4.658	46	11488	4.25	ug/L	0.00
24) Chloroform-d	5.076	84	7801	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	5515	0.60	ug/L	0.00
32) Benzene-d6	5.739	84	14458	0.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.703	67	4800	0.54	ug/L	0.00
41) Toluene-d8	7.909	98	14893	0.57	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	1914	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.652	63	9728	4.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.767	84	4211	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.205	152	5427	0.53	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	5375	0.50	ug/L	93
3) Chloromethane	1.523	50	4717	0.49	ug/L	100
5) Vinyl chloride	1.607	62	4266	0.46	ug/L	96
6) Bromomethane	1.864	94	2394	0.43	ug/L	81
8) Chloroethane	1.941	64	2802	0.52	ug/L	94
9) Trichlorofluoromethane	2.147	101	6717	0.51	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	3944	0.49	ug/L	97
12) 1,1-Dichloroethene	2.581	96	3198	0.41	ug/L #	54
13) Acetone	2.658	43	5742	3.33	ug/L	64
14) Carbon disulfide	2.803	76	11649	0.45	ug/L	99
15) Methyl Acetate	2.973	43	2300	0.56	ug/L #	71
16) Methylene chloride	3.054	84	4436	0.49	ug/L	92
17) Methyl tert-butyl Ether	3.375	73	9792	0.44	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	3476	0.42	ug/L	88
19) 1,1-Dichloroethane	3.880	63	6999	0.46	ug/L	99
21) 2-Butanone	4.729	43	12685	4.15	ug/L	95
22) cis-1,2-Dichloroethene	4.678	96	4013	0.46	ug/L	96
23) Bromochloromethane	4.989	128	1619	0.40	ug/L	87
25) Chloroform	5.102	83	7165	0.45	ug/L	97
27) 1,2-Dichloroethane	5.806	62	5579	0.49	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	6926	0.49	ug/L	97
30) Cyclohexane	5.398	56	6660	0.44	ug/L	96
31) Carbon tetrachloride	5.536	117	5655	0.46	ug/L	97
33) Benzene	5.784	78	14686	0.47	ug/L	100
34) Trichloroethene	6.555	95	3769	0.44	ug/L	87
35) Methylcyclohexane	6.774	83	6424	0.45	ug/L	97
37) 1,2-Dichloropropane	6.803	63	3731	0.45	ug/L #	89
38) Bromodichloromethane	7.115	83	5291	0.46	ug/L #	90
39) cis-1,3-Dichloropropene	7.620	75	5547	0.42	ug/L	100
40) 4-Methyl-2-pentanone	7.809	43	35858	4.99	ug/L	97
42) Toluene	7.980	91	15522	0.45	ug/L	95
44) trans-1,3-Dichloropropene	8.218	75	5112	0.42	ug/L	96

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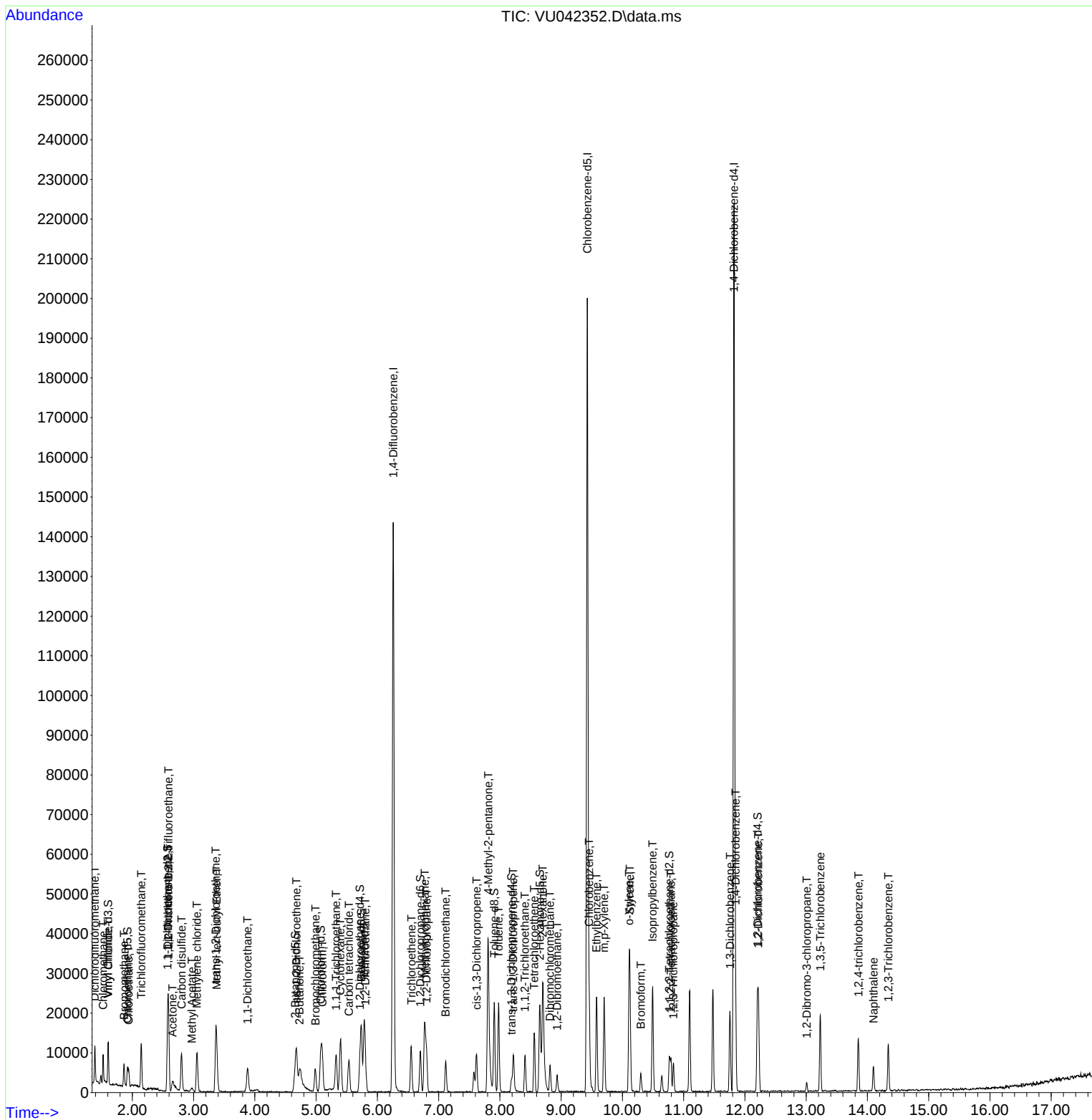
Quant Time: Feb 19 13:02:08 2021
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 19 13:01:40 2021
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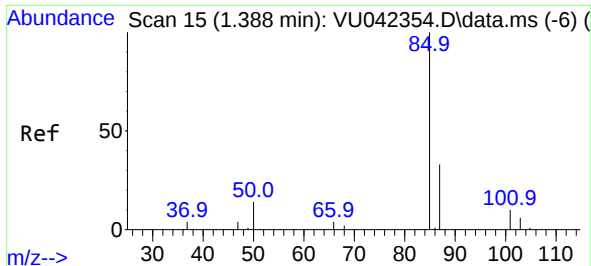
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.407	97	2828	0.46	ug/L	87
47) Tetrachloroethene	8.558	164	3267	0.46	ug/L	93
48) 2-Hexanone	8.700	43	24023	4.76	ug/L	99
49) Dibromochloromethane	8.819	129	3495	0.43	ug/L	95
50) 1,2-Dibromoethane	8.935	107	2850	0.45	ug/L #	99
51) Chlorobenzene	9.455	112	9826	0.45	ug/L	94
52) Ethylbenzene	9.578	91	16907	0.43	ug/L	96
53) m,p-Xylene	9.703	106	6398	0.44	ug/L	100
54) o-Xylene	10.108	106	6376	0.45	ug/L	99
55) Styrene	10.121	104	9870	0.41	ug/L	98
56) Isopropylbenzene	10.494	105	17002	0.44	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.793	83	3697	0.47	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	3052	0.51	ug/L	93
61) Bromoform	10.301	173	2128	0.41	ug/L #	97
62) 1,3-Dichlorobenzene	11.758	146	8167	0.45	ug/L	96
63) 1,4-Dichlorobenzene	11.848	146	8421	0.46	ug/L	96
65) 1,2-Dichlorobenzene	12.221	146	7858	0.46	ug/L	96
66) 1,2-Dibromo-3-chloropr...	13.008	75	631	0.42	ug/L #	82
67) 1,3,5-Trichlorobenzene	13.230	180	5984	0.41	ug/L	98
68) 1,2,4-trichlorobenzene	13.854	180	4492	0.39	ug/L	98
69) Naphthalene	14.102	128	5208	0.30	ug/L #	94
70) 1,2,3-Trichlorobenzene	14.343	180	4100	0.40	ug/L	98

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

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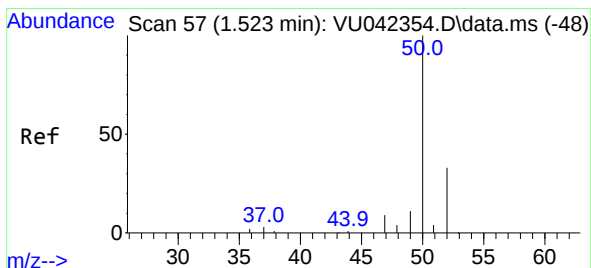
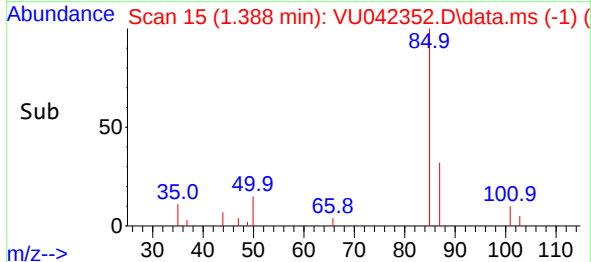
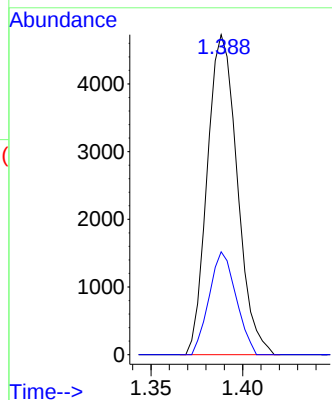
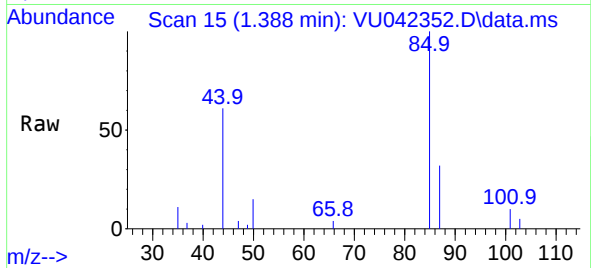




#2
Dichlorodifluoromethane
Concen: 0.50 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

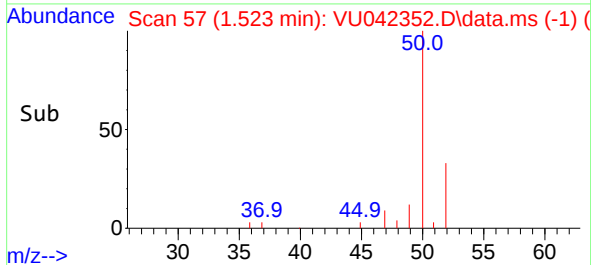
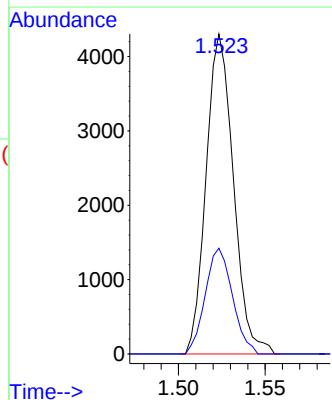
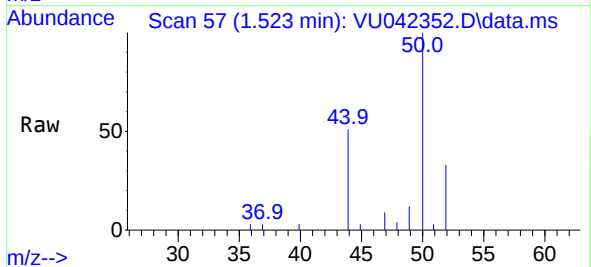
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MSVOA_U
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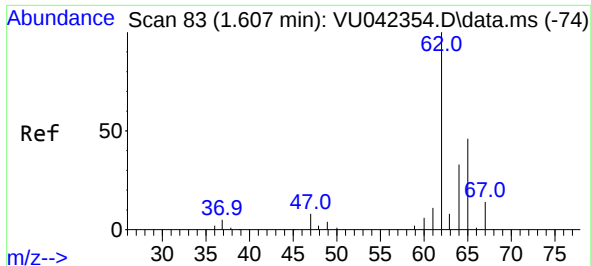
Tgt Ion: 85 Resp: 5375
Ion Ratio Lower Upper
85 100
87 28.9 26.1 39.1



#3
Chloromethane
Concen: 0.49 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 50 Resp: 4717
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.8

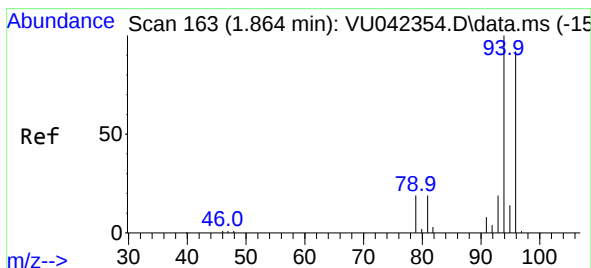
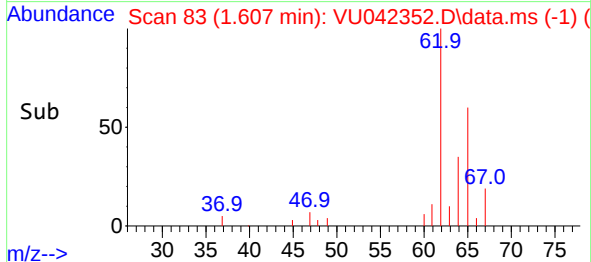
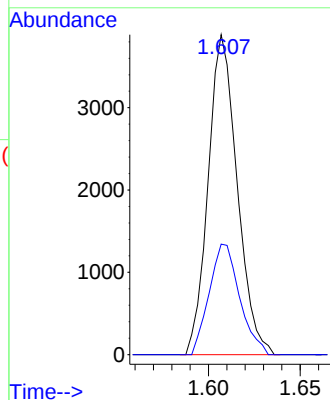
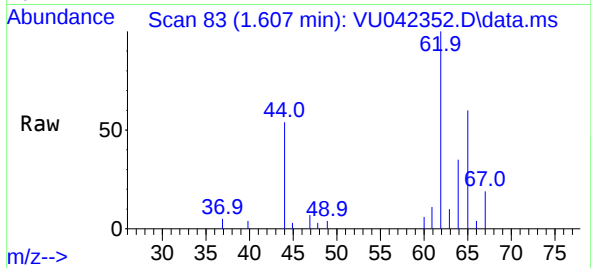




#5
 Vinyl chloride
 Concen: 0.46 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042352.D
 Acq: 19 Feb 2021 10:00

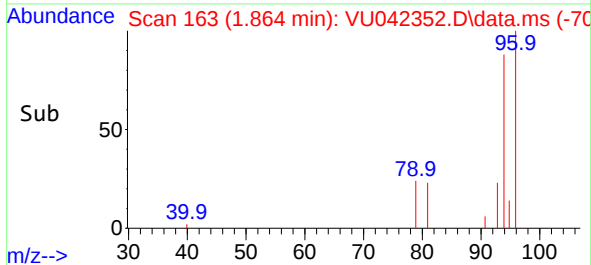
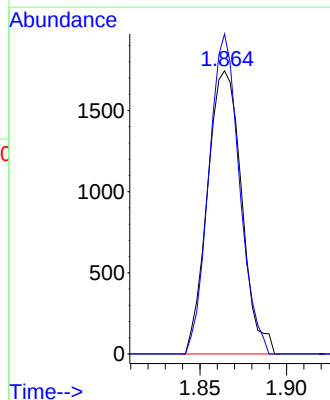
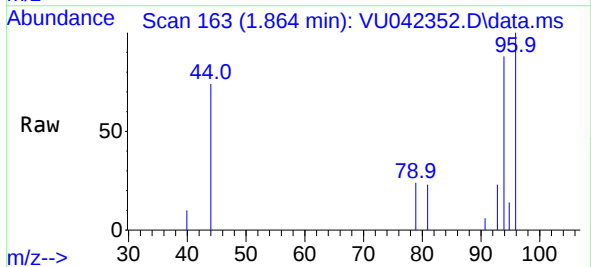
Instrument :
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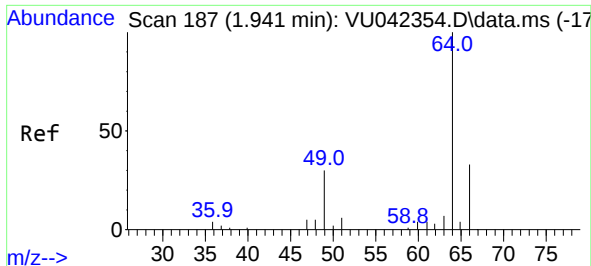
Tgt Ion: 62 Resp: 4266
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.7 42.1



#6
 Bromomethane
 Concen: 0.43 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042352.D
 Acq: 19 Feb 2021 10:00

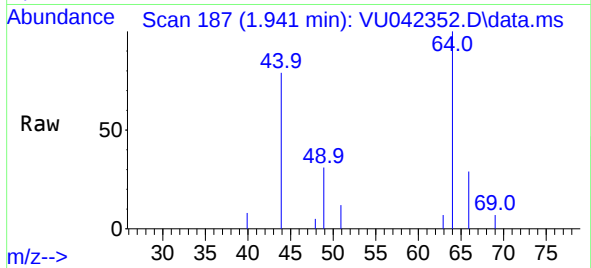
Tgt Ion: 94 Resp: 2394
 Ion Ratio Lower Upper
 94 100
 96 113.0 66.5 123.5



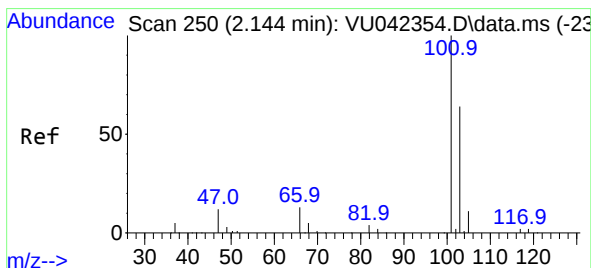
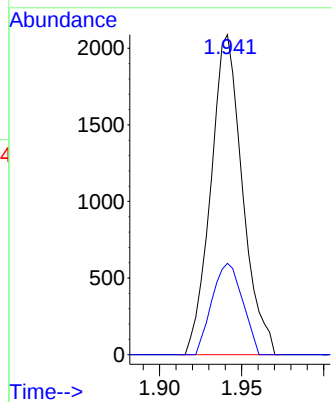
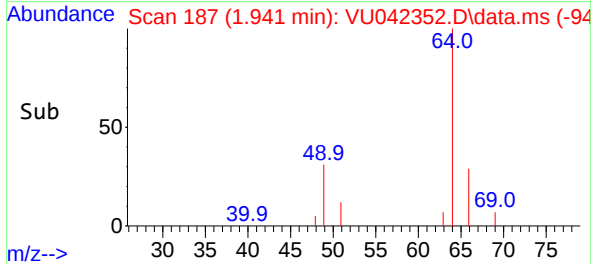


#8
Chloroethane
Concen: 0.52 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

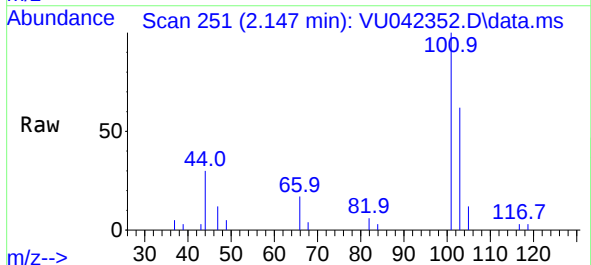
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ClientSampled :



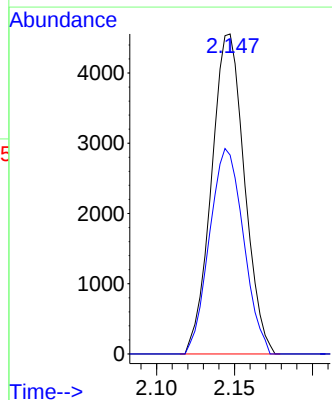
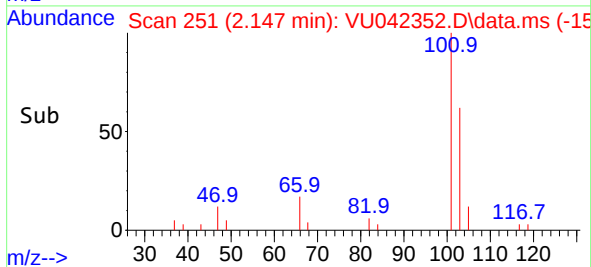
Tgt Ion: 64 Resp: 2802
Ion Ratio Lower Upper
64 100
66 28.5 22.2 41.2

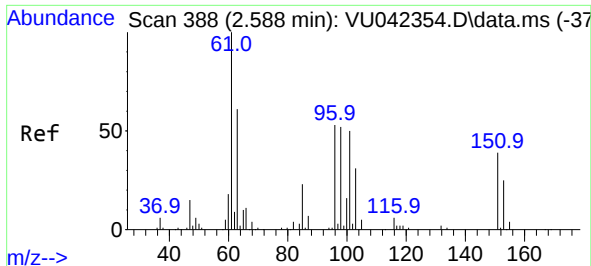


#9
Trichlorofluoromethane
Concen: 0.51 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00



Tgt Ion: 101 Resp: 6717
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.8

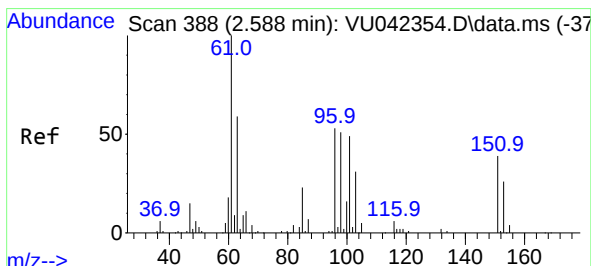
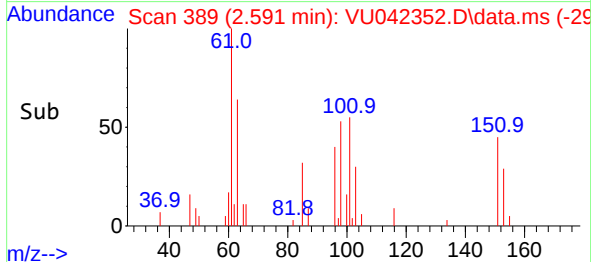
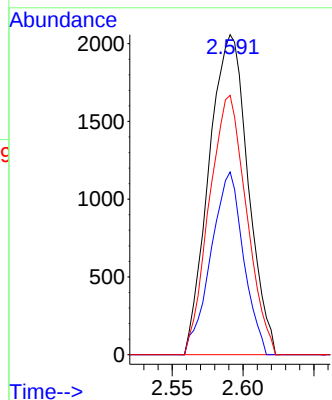
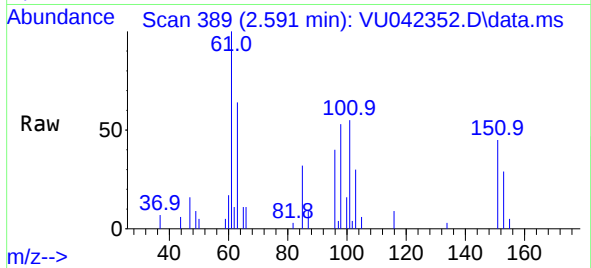




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.49 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

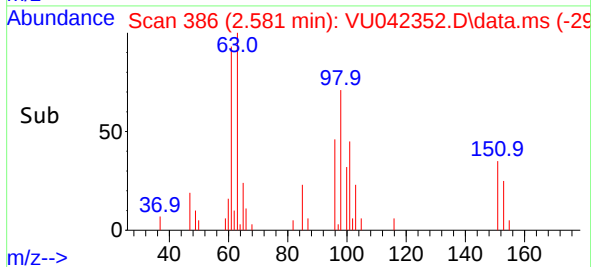
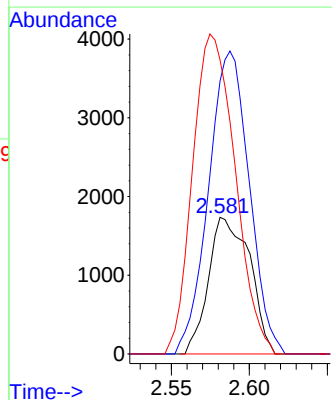
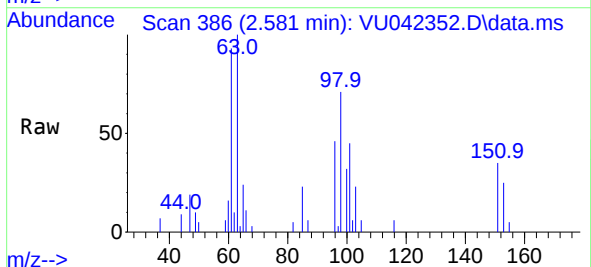
Instrument :
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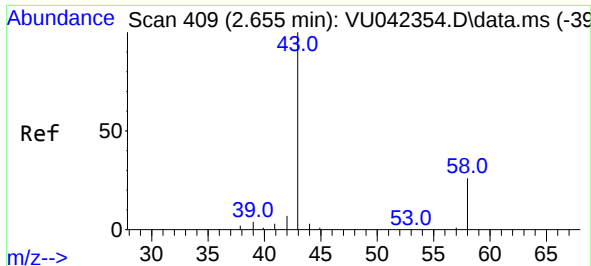
Tgt Ion:101 Resp: 3944
Ion Ratio Lower Upper
101 100
85 47.6 34.6 51.8
151 77.2 62.7 94.1



#12
1,1-Dichloroethene
Concen: 0.41 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 96 Resp: 3198
Ion Ratio Lower Upper
96 100
61 199.8 126.2 234.4
63 215.3 77.8 144.4#

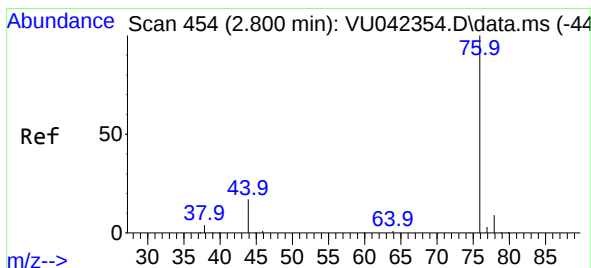
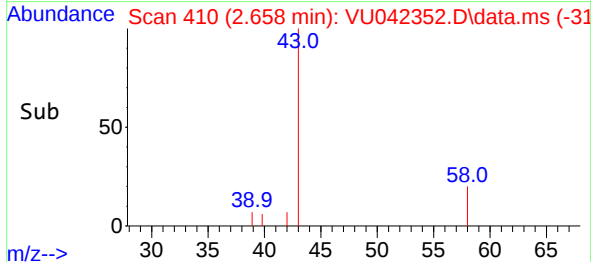
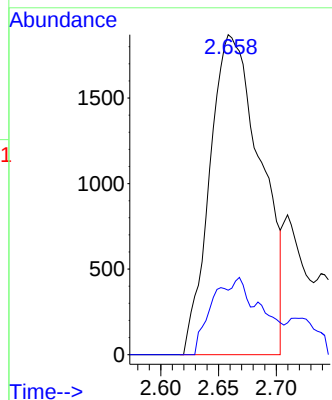
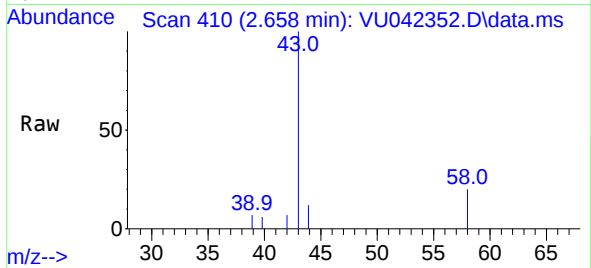




#13
Acetone
Concen: 3.33 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

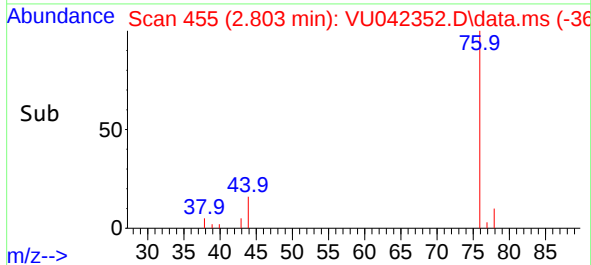
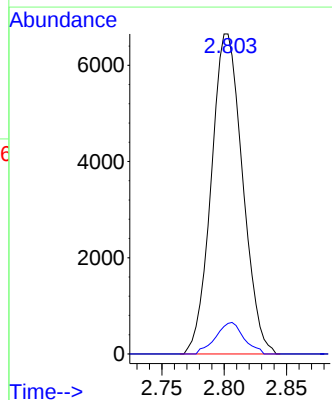
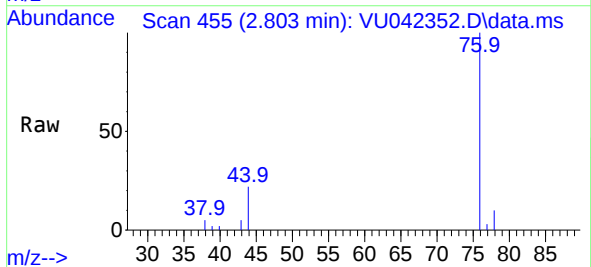
Instrument :
MSVOA_U
ClientSampled :

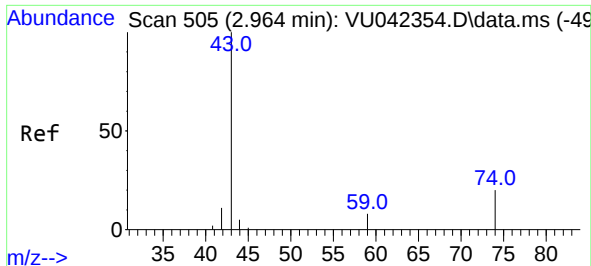
Tgt Ion: 43 Resp: 5742
Ion Ratio Lower Upper
43 100
58 8.8 0.0 55.8



#14
Carbon disulfide
Concen: 0.45 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 76 Resp: 11649
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

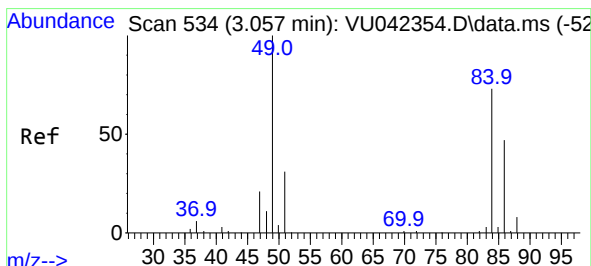
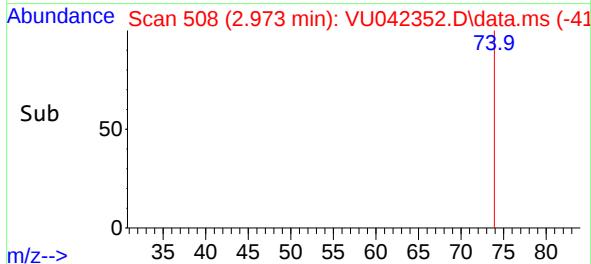
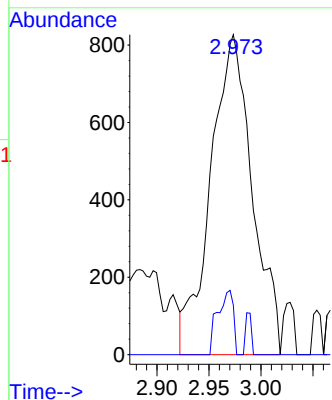
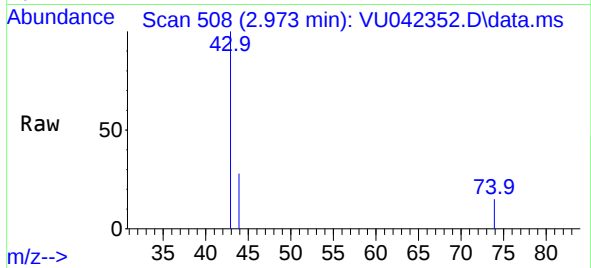




#15
Methyl Acetate
Concen: 0.56 ug/L
RT: 2.973 min Scan# 508
Delta R.T. 0.010 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

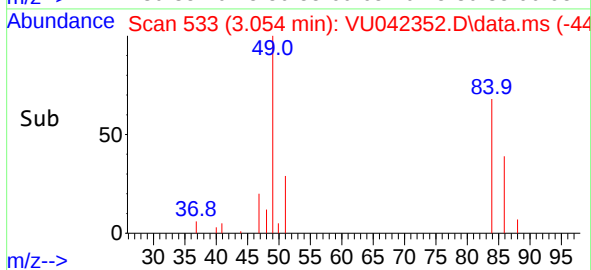
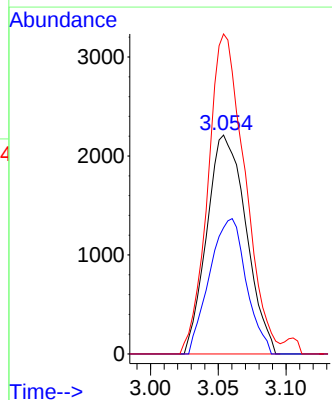
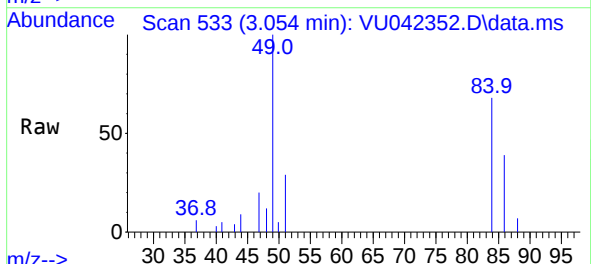
Instrument :
MSVOA_U
ClientSampled :

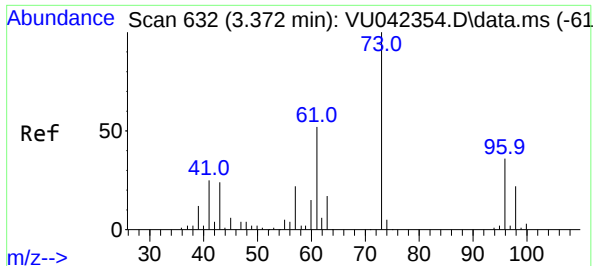
Tgt Ion: 43 Resp: 2300
Ion Ratio Lower Upper
43 100
74 7.6 16.9 25.3#



#16
Methylene chloride
Concen: 0.49 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 84 Resp: 4436
Ion Ratio Lower Upper
84 100
86 57.7 44.1 81.9
49 146.2 95.0 176.4



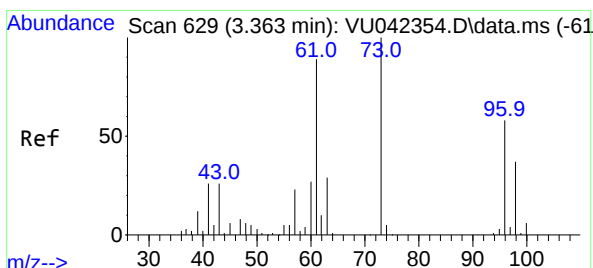
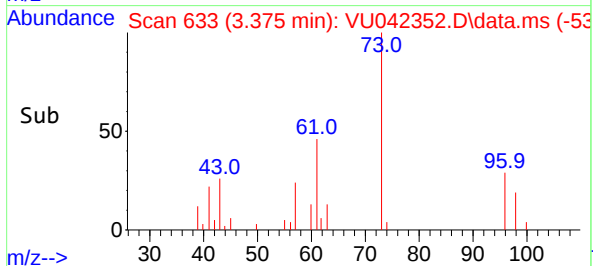
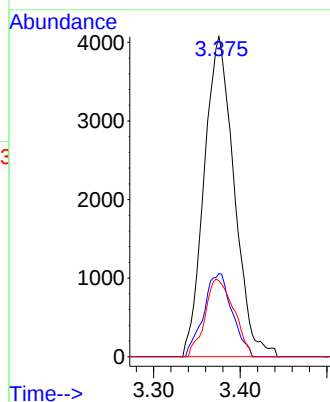
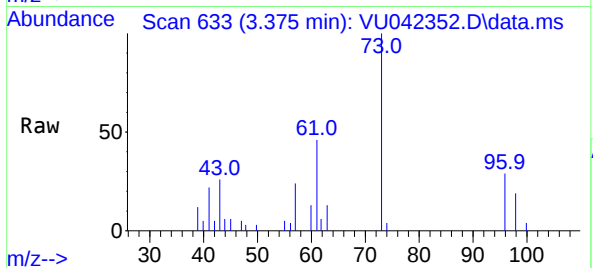


#17
Methyl tert-butyl Ether
Concen: 0.44 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 9792

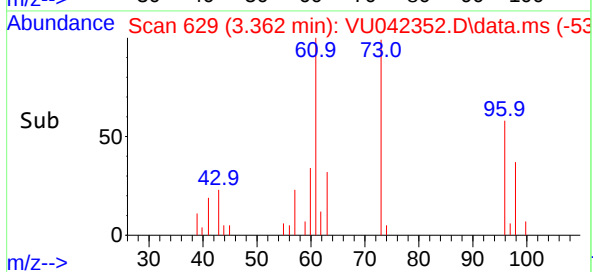
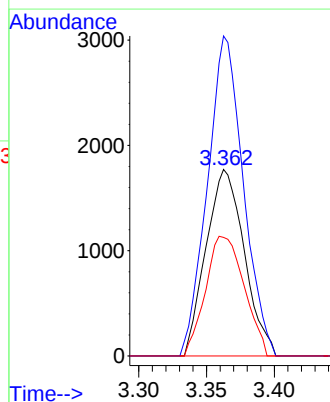
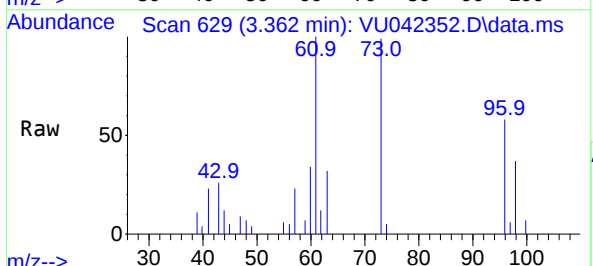
Ion	Ratio	Lower	Upper
73	100		
43	24.7	18.9	28.3
57	23.2	18.2	27.4

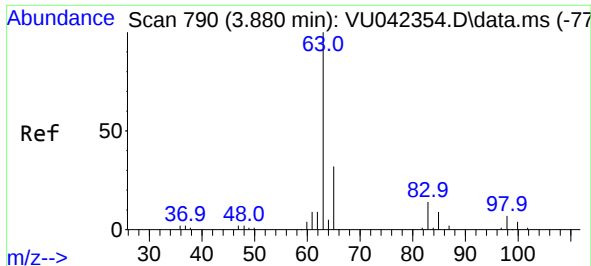


#18
trans-1,2-Dichloroethene
Concen: 0.42 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 96 Resp: 3476

Ion	Ratio	Lower	Upper
96	100		
61	171.6	105.7	196.3
98	63.6	42.8	79.6



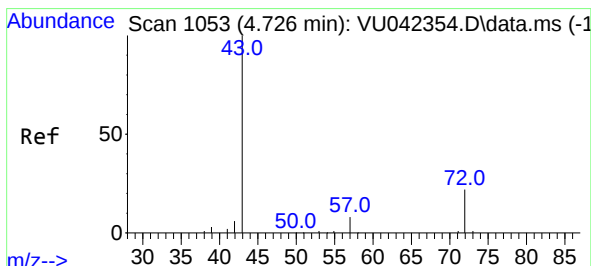
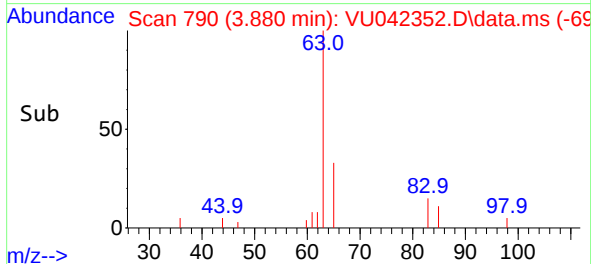
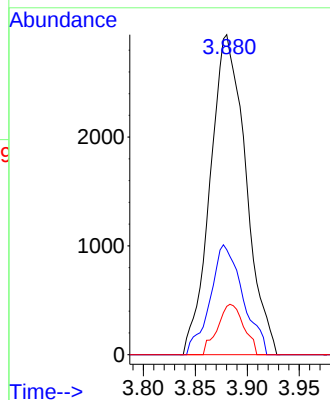
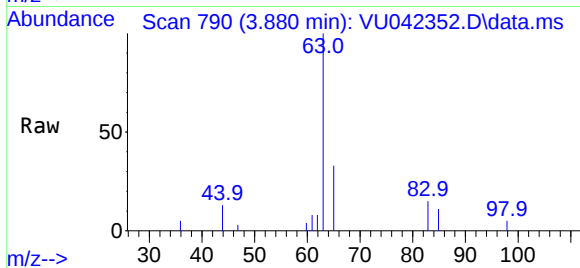


#19

1,1-Dichloroethane
Concen: 0.46 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Instrument :
MSVOA_U
ClientSampleId :

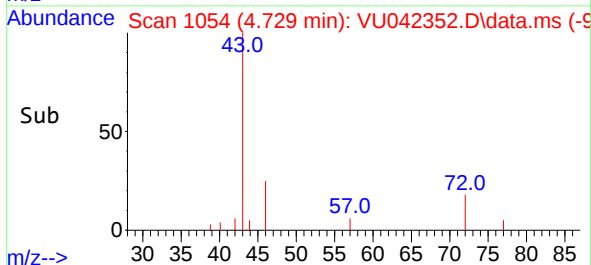
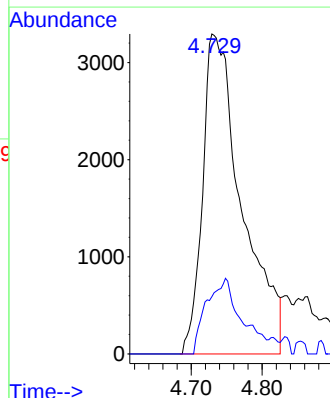
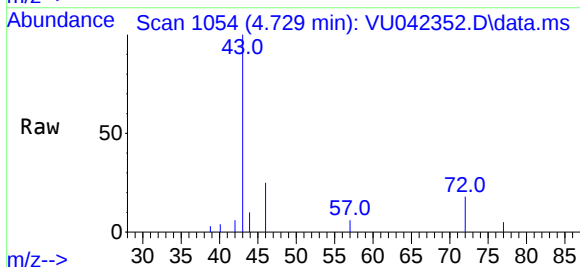
Tgt Ion:	63	Resp:	6999
Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.5	41.9
83	15.1	10.1	18.7

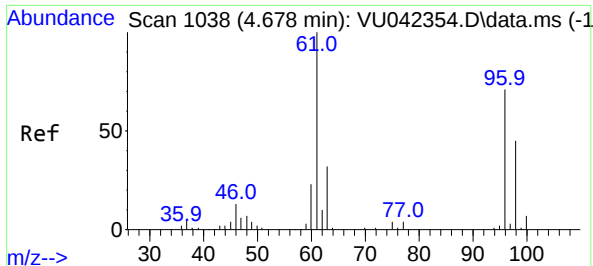


#21

2-Butanone
Concen: 4.15 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion:	43	Resp:	12685
Ion	Ratio	Lower	Upper
43	100		
72	20.9	11.7	35.1

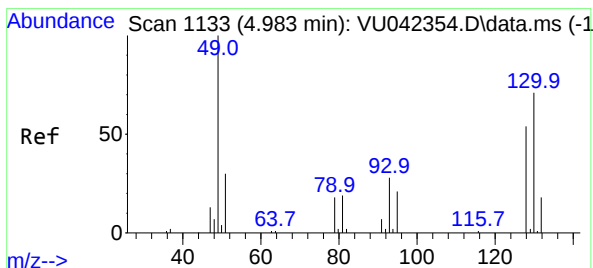
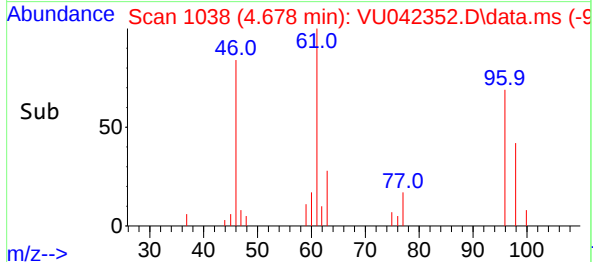
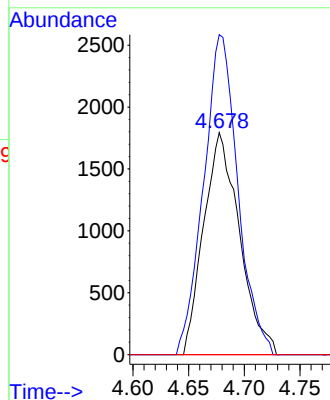
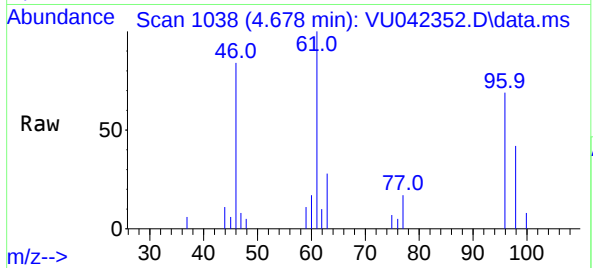




#22
cis-1,2-Dichloroethene
Concen: 0.46 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

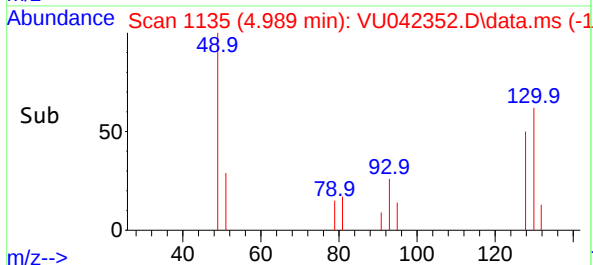
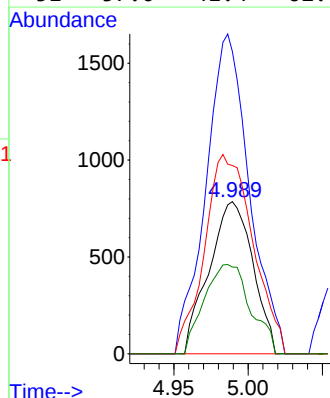
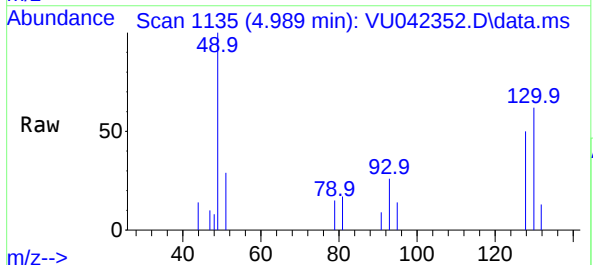
Instrument :
MSVOA_U
ClientSampleId :

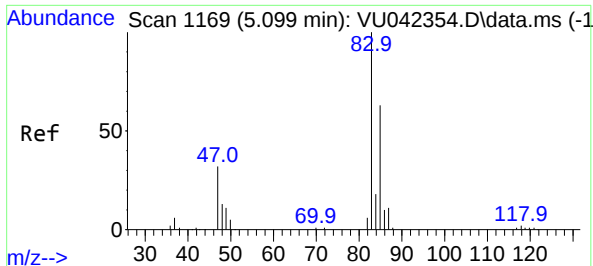
Tgt Ion: 96 Resp: 4013
Ion Ratio Lower Upper
96 100
61 144.1 97.8 181.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 0.40 ug/L
RT: 4.989 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 128 Resp: 1619
Ion Ratio Lower Upper
128 100
49 198.6 117.7 218.7
130 123.7 87.9 163.3
51 57.0 41.4 62.0



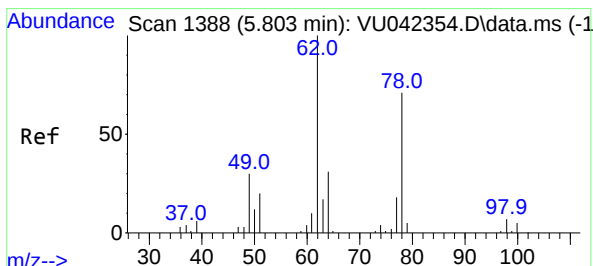
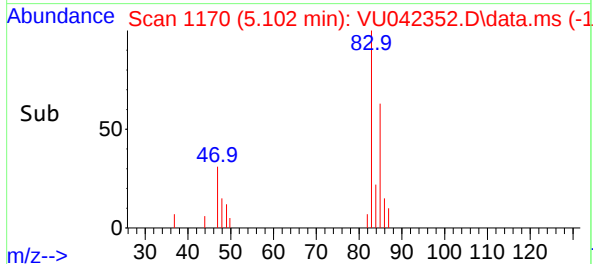
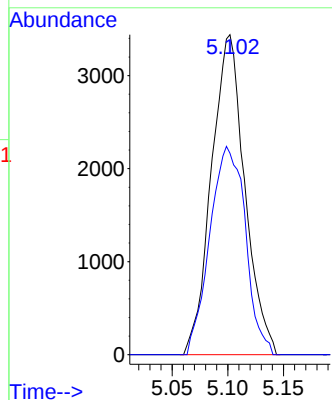
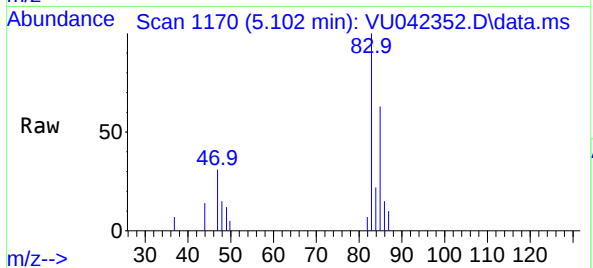


#25

Chloroform
Concen: 0.45 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Instrument :
MSVOA_U
ClientSampled :

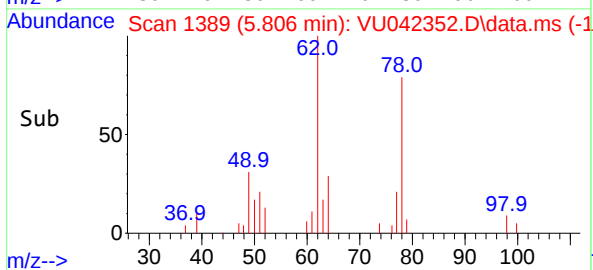
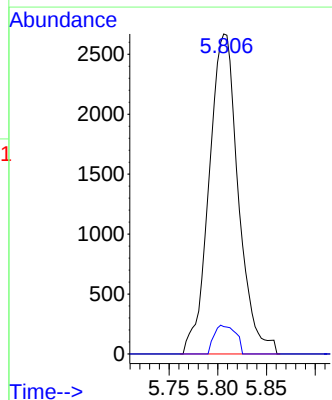
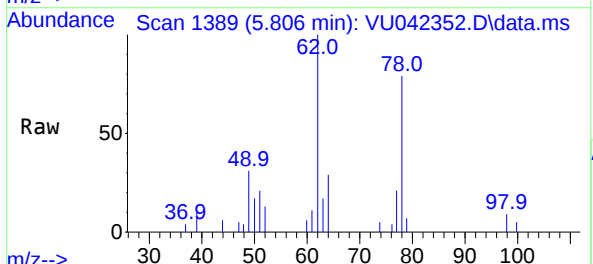
Tgt Ion: 83 Resp: 7165
Ion Ratio Lower Upper
83 100
85 63.0 45.7 84.9

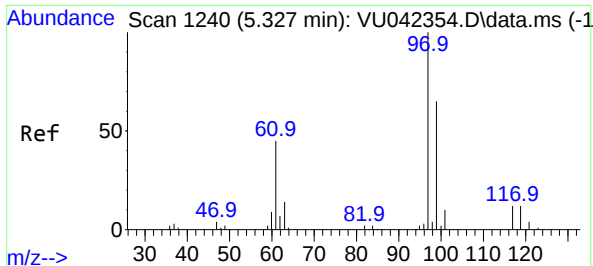


#27

1,2-Dichloroethane
Concen: 0.49 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 62 Resp: 5579
Ion Ratio Lower Upper
62 100
98 8.5 7.3 10.9



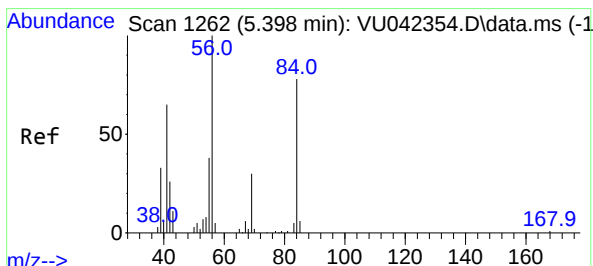
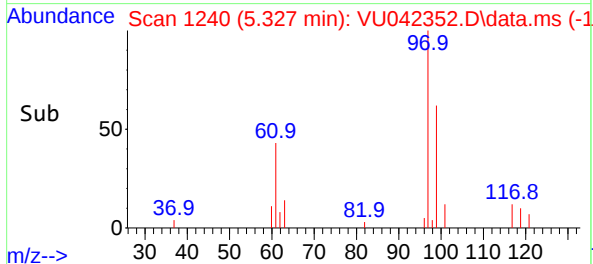
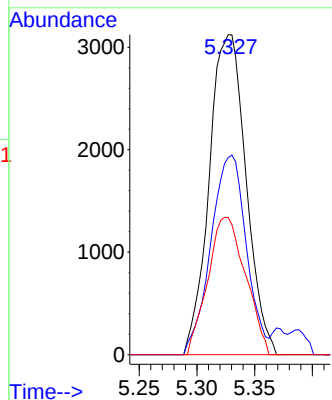
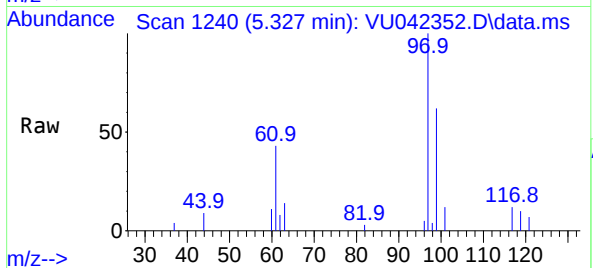


#29

1,1,1-Trichloroethane
Concen: 0.49 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Instrument :
MSVOA_U
ClientSampled :

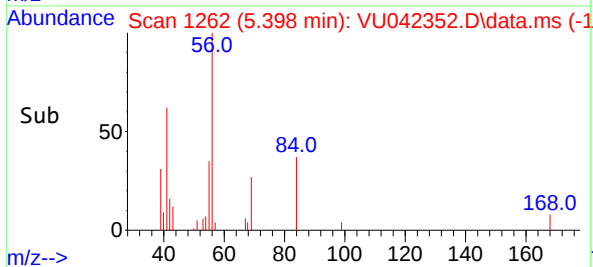
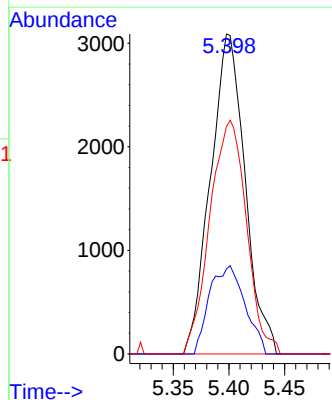
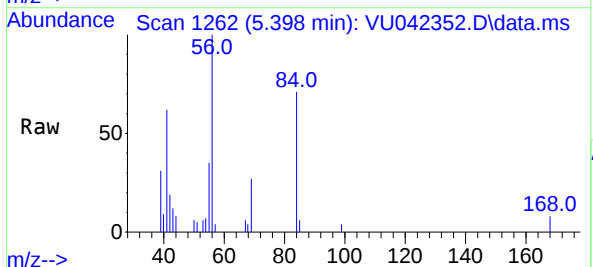
Tgt Ion: 97 Resp: 6926
Ion Ratio Lower Upper
97 100
99 60.4 50.8 76.2
61 44.0 35.8 53.6

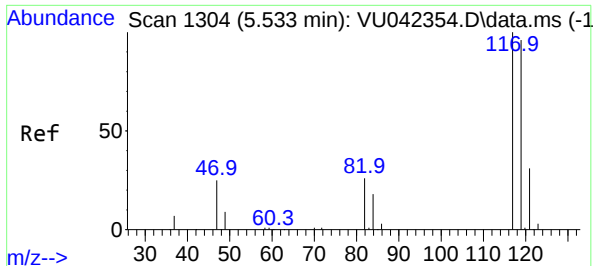


#30

Cyclohexane
Concen: 0.44 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 56 Resp: 6660
Ion Ratio Lower Upper
56 100
69 28.3 23.7 35.5
84 77.4 65.3 97.9

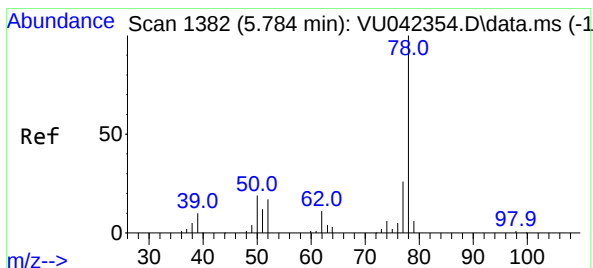
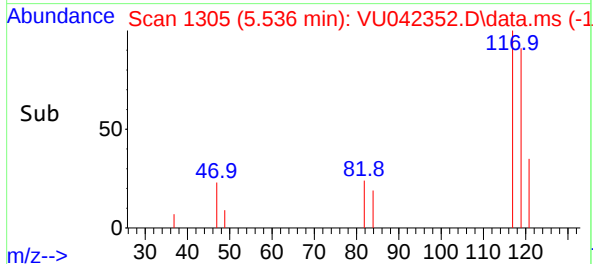
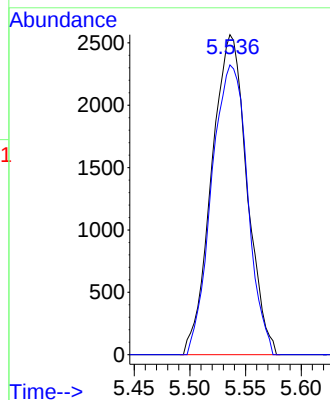
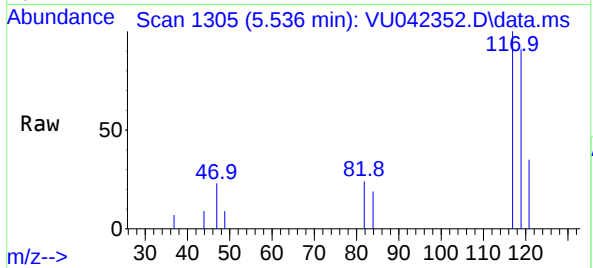




#31
Carbon tetrachloride
Concen: 0.46 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

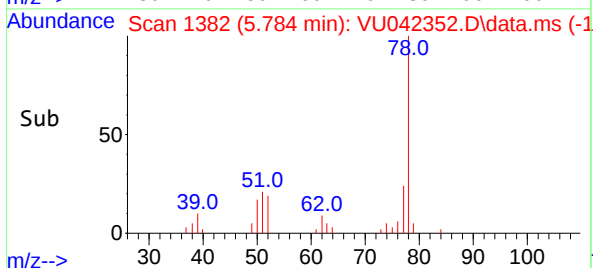
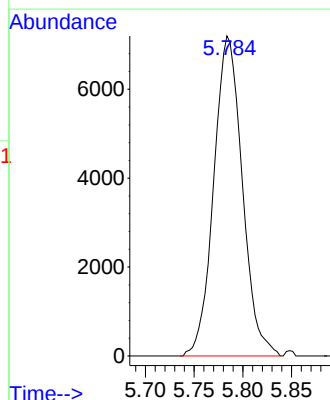
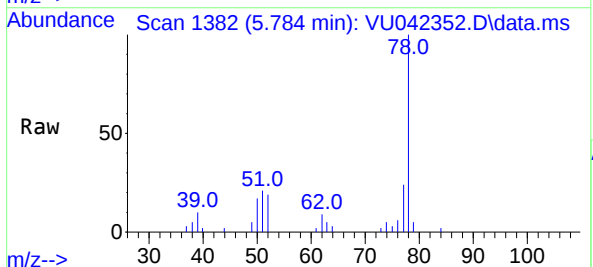
Instrument :
MSVOA_U
ClientSampleId :

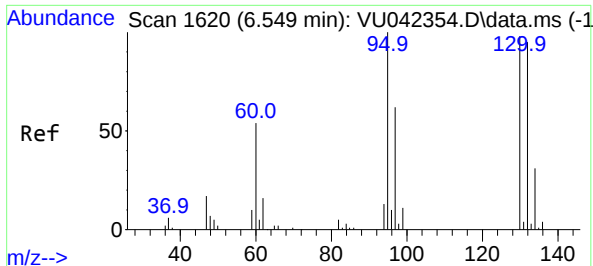
Tgt Ion:117 Resp: 5655
Ion Ratio Lower Upper
117 100
119 91.9 76.2 114.4



#33
Benzene
Concen: 0.47 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 78 Resp: 14686



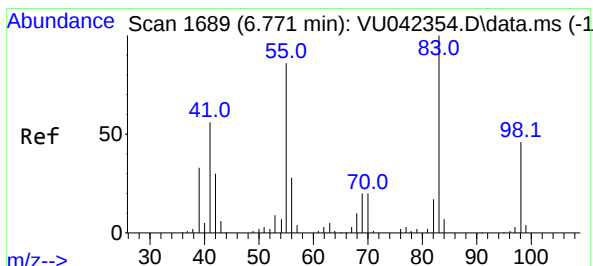
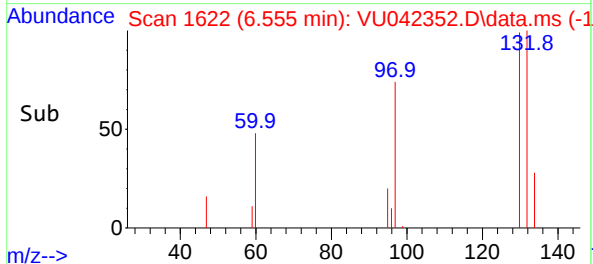
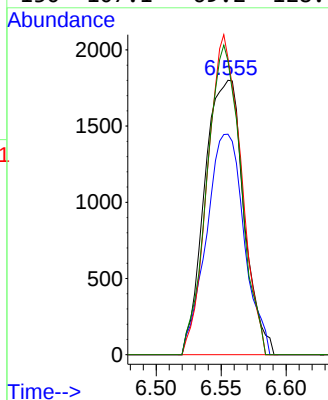
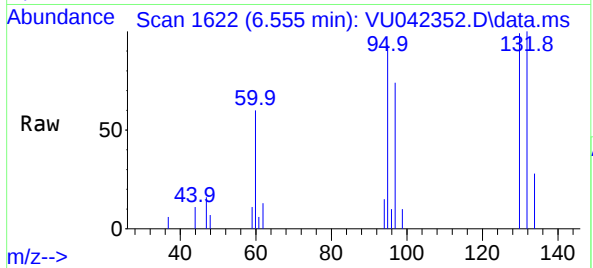


#34
Trichloroethene
Concen: 0.44 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 3769

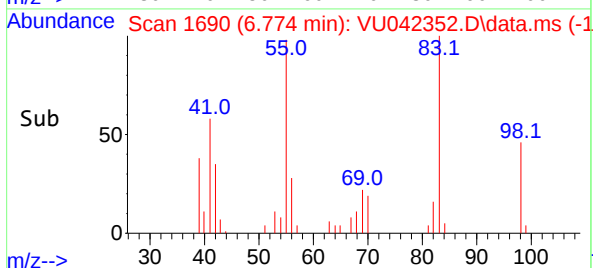
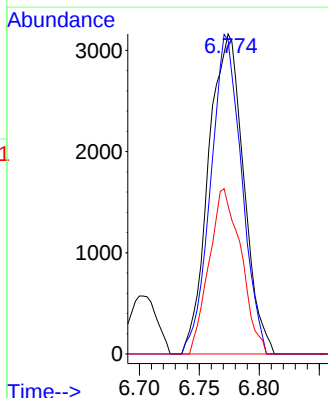
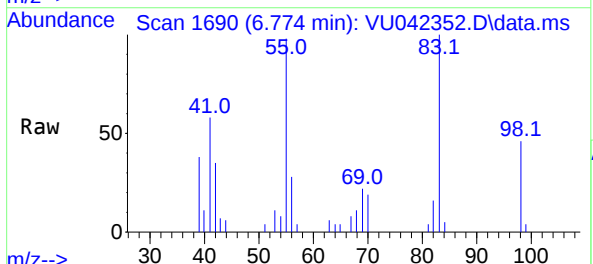
Ion	Ratio	Lower	Upper
95	100		
97	80.3	44.4	82.4
132	108.1	68.0	126.4
130	107.1	69.2	128.4

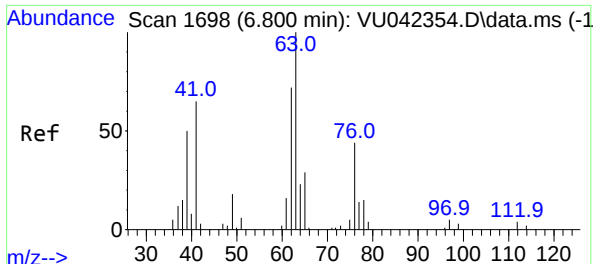


#35
Methylcyclohexane
Concen: 0.45 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 83 Resp: 6424

Ion	Ratio	Lower	Upper
83	100		
55	88.2	68.2	102.4
98	47.2	39.7	59.5

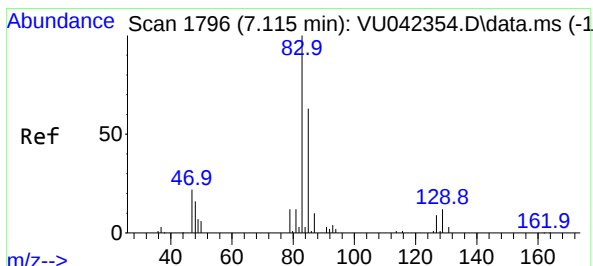
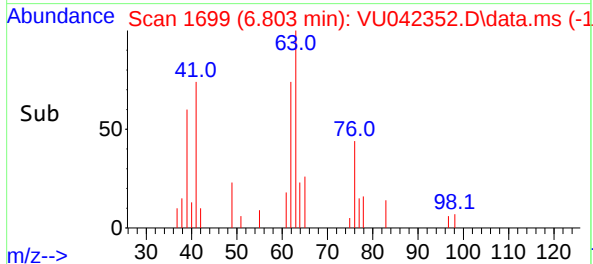
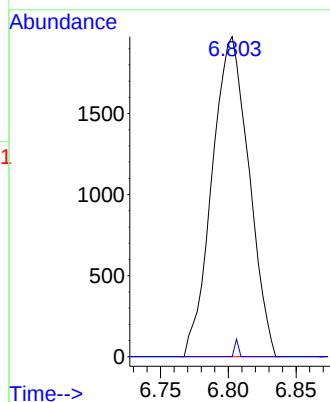
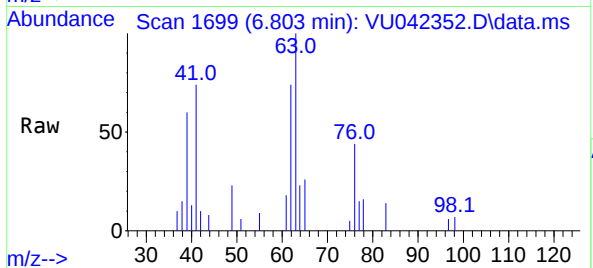




#37
1,2-Dichloropropane
Concen: 0.45 ug/L
RT: 6.803 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

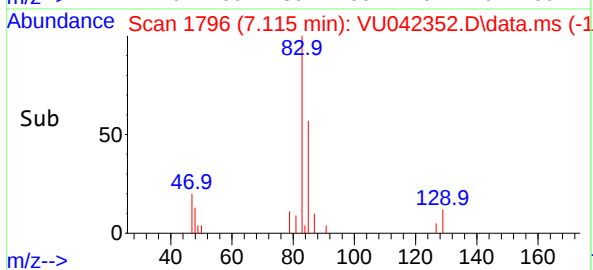
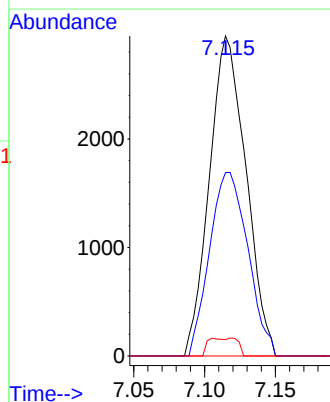
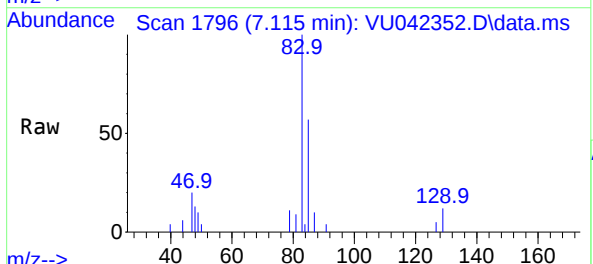
Instrument :
MSVOA_U
ClientSampled :

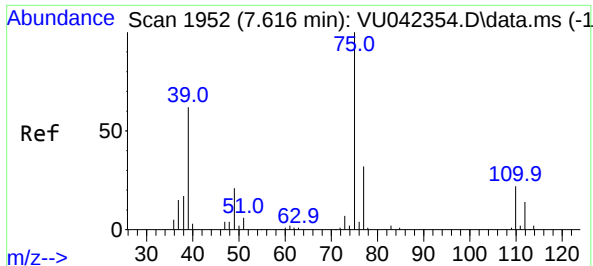
Tgt Ion: 63 Resp: 3731
Ion Ratio Lower Upper
63 100
112 0.6 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.46 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 83 Resp: 5291
Ion Ratio Lower Upper
83 100
85 57.3 46.0 85.4
127 5.1 6.8 10.2#

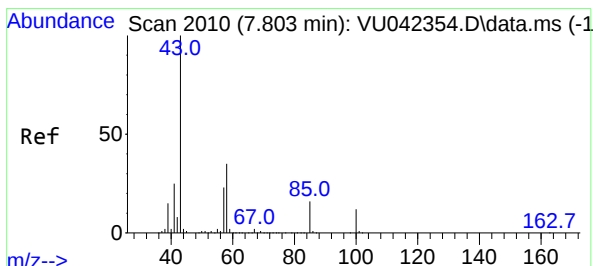
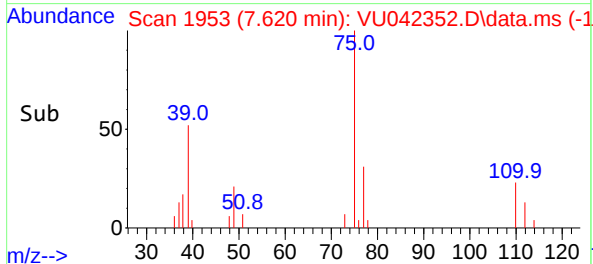
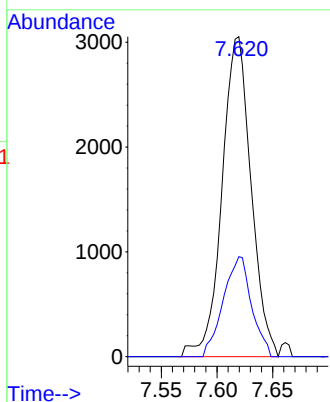
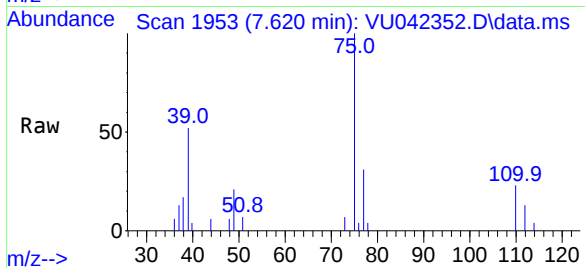




#39
 cis-1,3-Dichloropropene
 Concen: 0.42 ug/L
 RT: 7.620 min Scan# 1953
 Delta R.T. 0.003 min
 Lab File: VU042352.D
 Acq: 19 Feb 2021 10:00

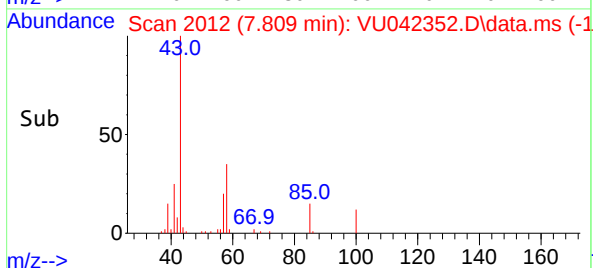
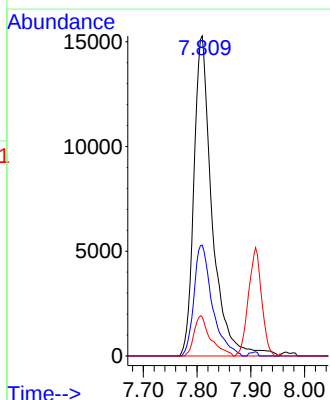
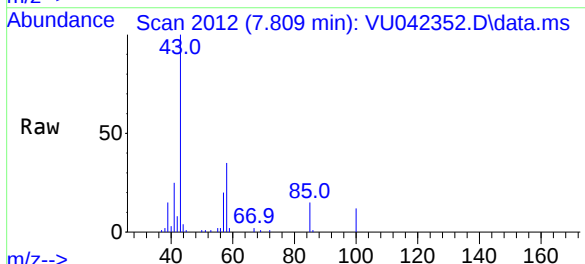
Instrument :
 MSVOA_U
 ClientSampled :

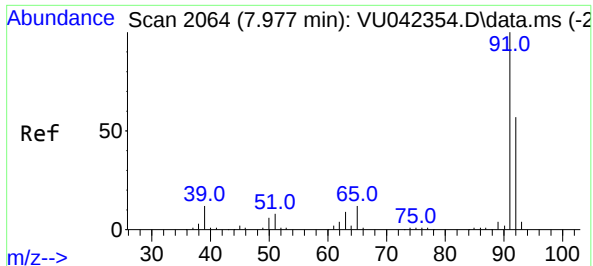
Tgt Ion: 75 Resp: 5547
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 4.99 ug/L
 RT: 7.809 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VU042352.D
 Acq: 19 Feb 2021 10:00

Tgt Ion: 43 Resp: 35858
 Ion Ratio Lower Upper
 43 100
 58 34.9 29.1 43.7
 100 11.3 11.0 16.4





#42

Toluene

Concen: 0.45 ug/L

RT: 7.980 min Scan# 2065

Delta R.T. 0.003 min

Lab File: VU042352.D

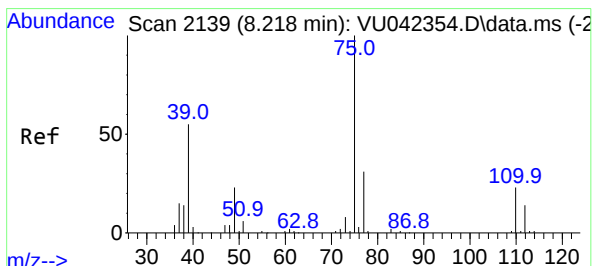
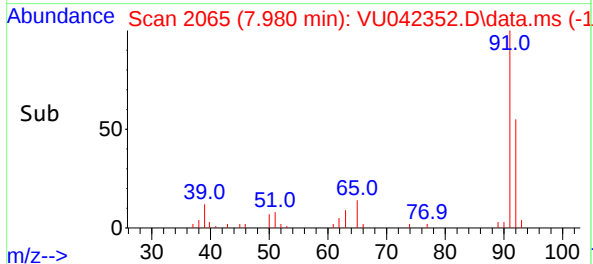
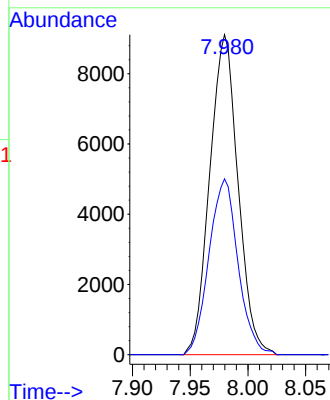
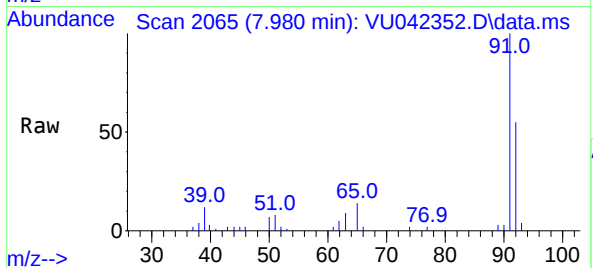
Acq: 19 Feb 2021 10:00

Tgt Ion: 91 Resp: 15522

Ion Ratio Lower Upper

91 100

92 55.0 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.42 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU042352.D

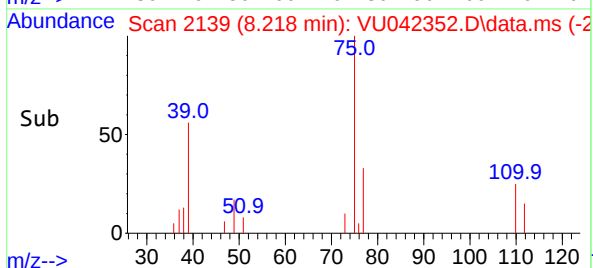
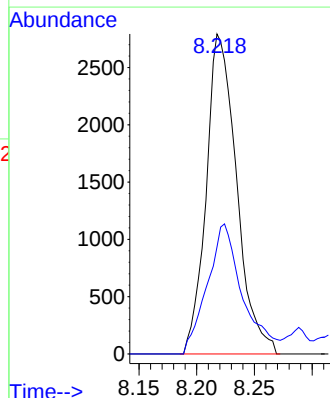
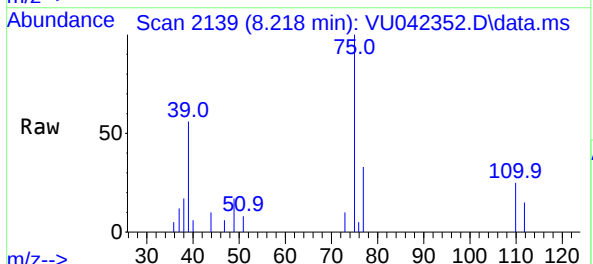
Acq: 19 Feb 2021 10:00

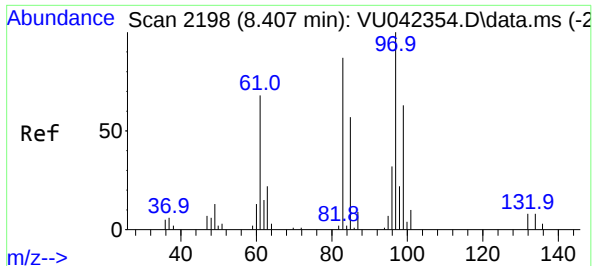
Tgt Ion: 75 Resp: 5112

Ion Ratio Lower Upper

75 100

77 33.4 21.8 40.4



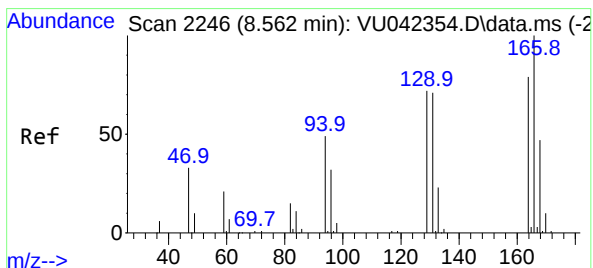
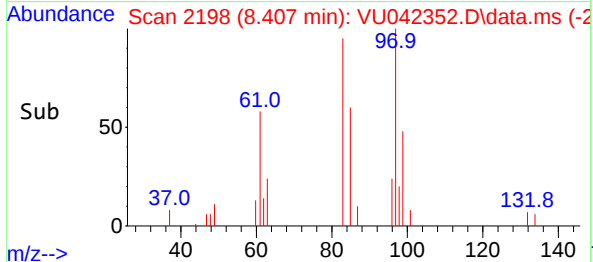
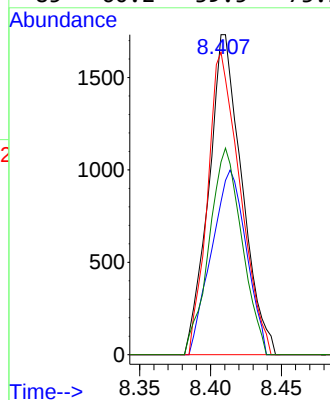
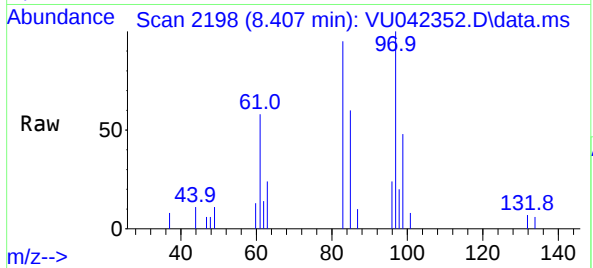


#45
1,1,2-Trichloroethane
Concen: 0.46 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 97 Resp: 2828

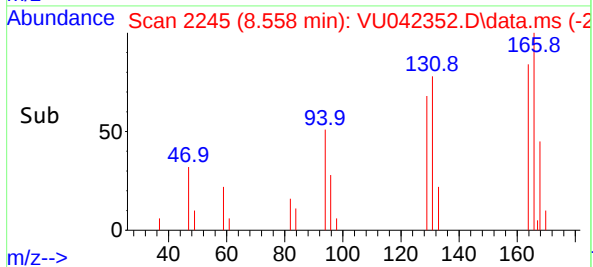
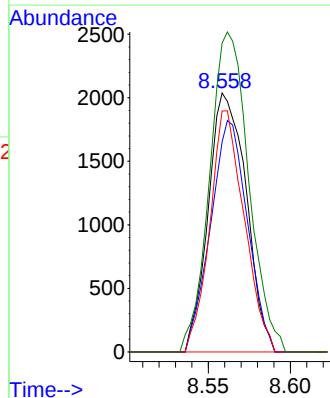
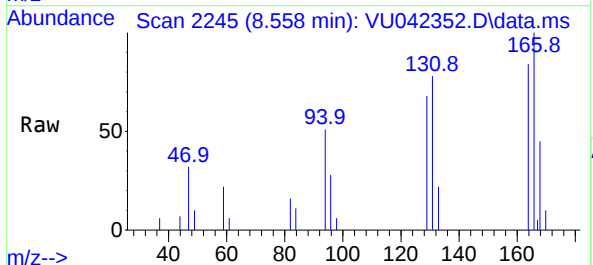
Ion	Ratio	Lower	Upper
97	100		
99	47.8	44.0	81.8
83	94.5	57.6	107.0
85	60.2	39.5	73.3

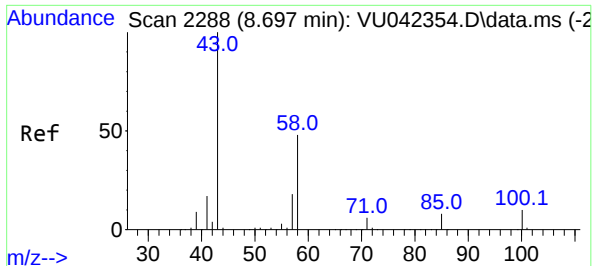


#47
Tetrachloroethene
Concen: 0.46 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 164 Resp: 3267

Ion	Ratio	Lower	Upper
164	100		
129	81.1	64.3	119.5
131	93.1	62.2	115.6
166	119.3	88.6	164.6





#48

2-Hexanone

Concen: 4.76 ug/L

RT: 8.700 min Scan# 2289

Delta R.T. 0.003 min

Lab File: VU042352.D

Acq: 19 Feb 2021 10:00

Tgt Ion: 43 Resp: 24023

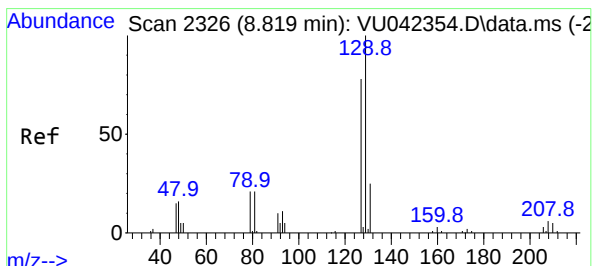
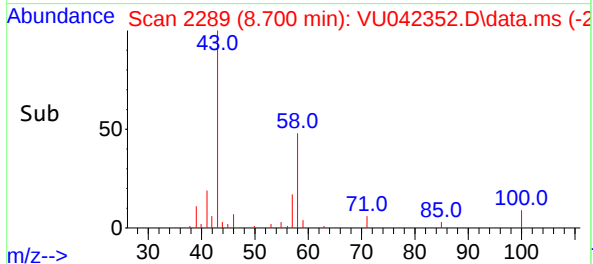
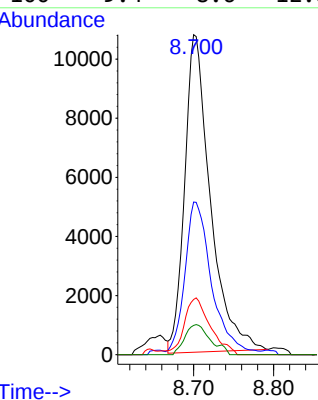
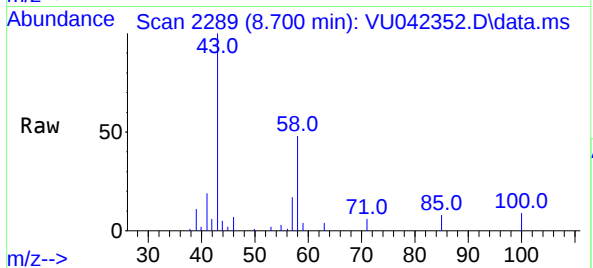
Ion Ratio Lower Upper

43 100

58 50.4 40.6 61.0

57 18.2 14.9 22.3

100 9.4 8.6 12.8



#49

Dibromochloromethane

Concen: 0.43 ug/L

RT: 8.819 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VU042352.D

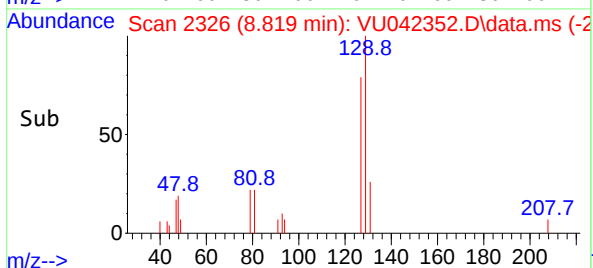
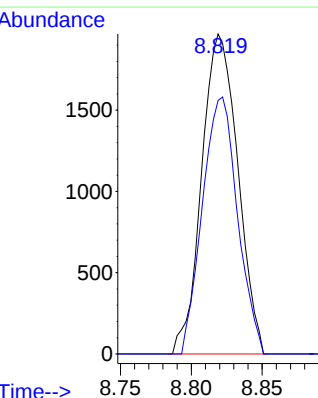
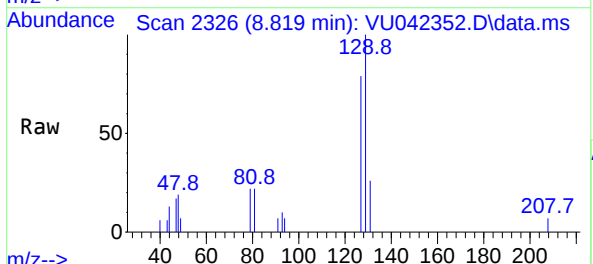
Acq: 19 Feb 2021 10:00

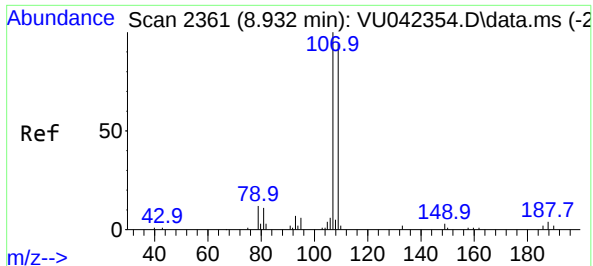
Tgt Ion: 129 Resp: 3495

Ion Ratio Lower Upper

129 100

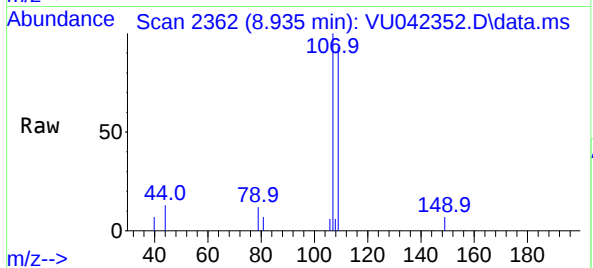
127 79.2 52.3 97.1



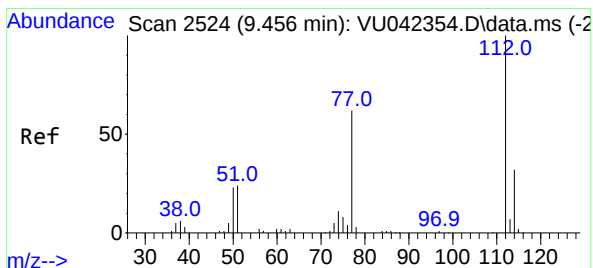
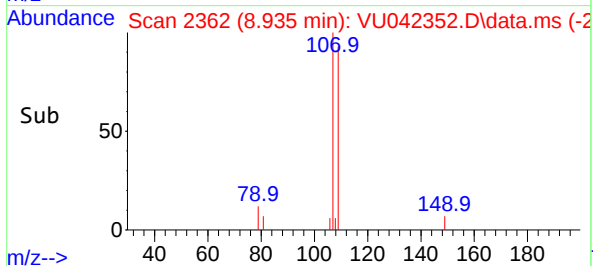
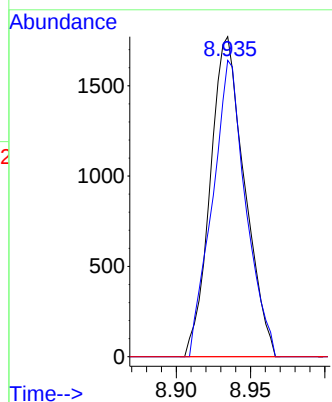


#50
1,2-Dibromoethane
Concen: 0.45 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Instrument :
MSVOA_U
ClientSampled :

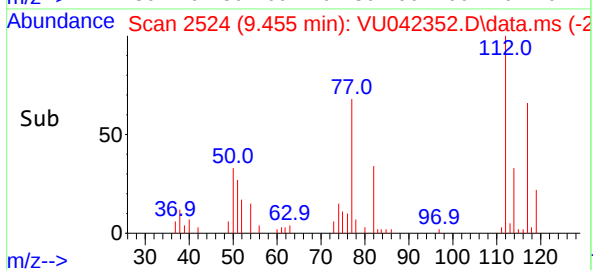
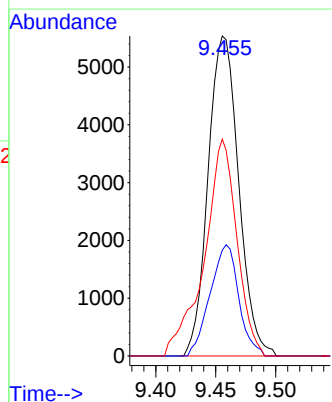
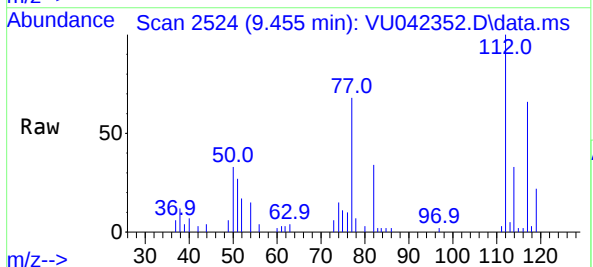


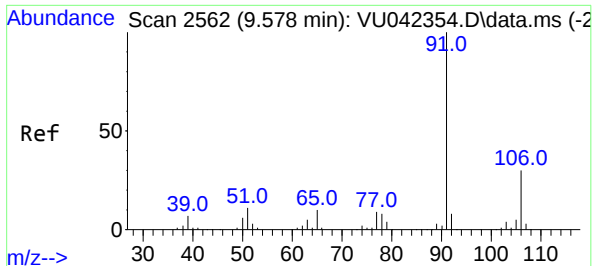
Tgt Ion:107 Resp: 2850
Ion Ratio Lower Upper
107 100
109 92.6 65.5 121.6
188 0.0 3.4 5.2#



#51
Chlorobenzene
Concen: 0.45 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion:112 Resp: 9826
Ion Ratio Lower Upper
112 100
114 33.1 22.0 41.0
77 67.7 49.8 74.6

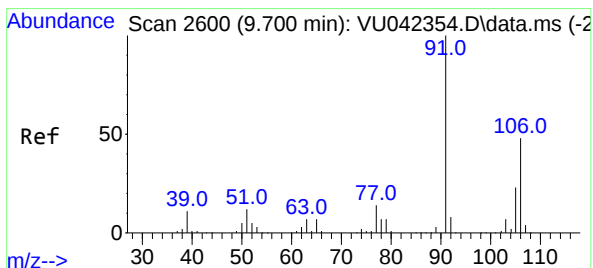
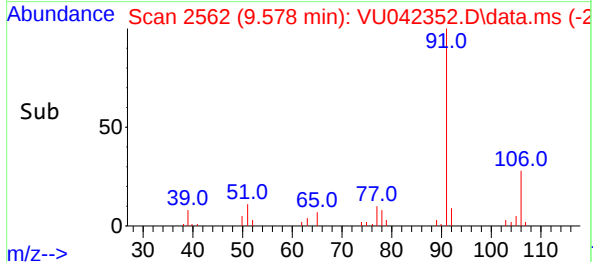
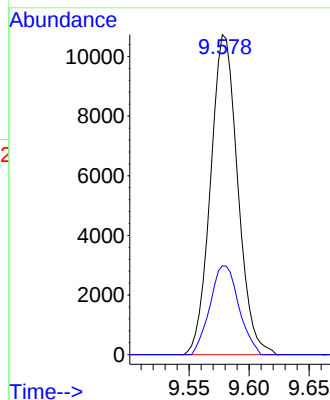
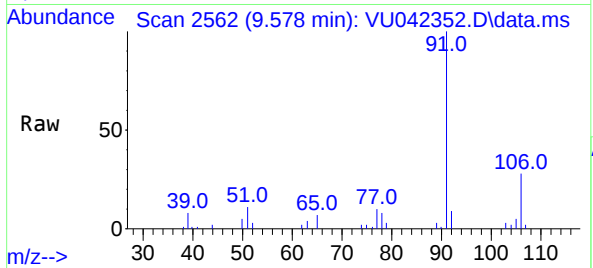




#52
Ethylbenzene
Concen: 0.43 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

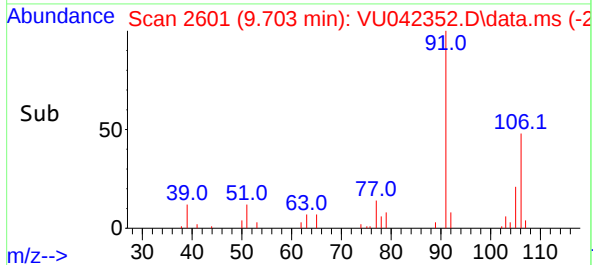
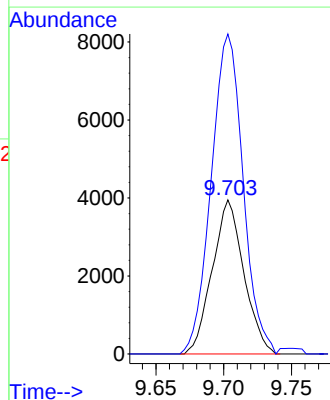
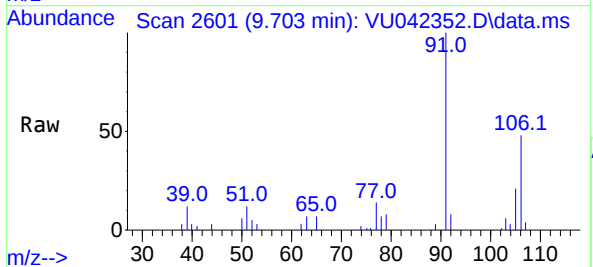
Instrument :
MSVOA_U
ClientSampleId :

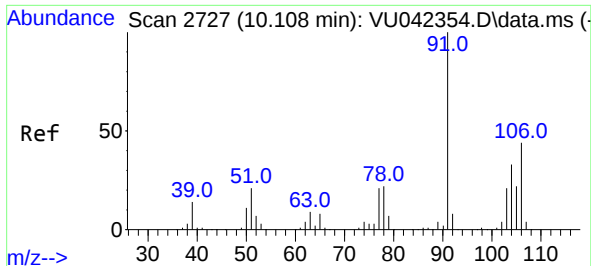
Tgt Ion: 91 Resp: 16907
Ion Ratio Lower Upper
91 100
106 27.8 21.1 39.3



#53
m,p-Xylene
Concen: 0.44 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 106 Resp: 6398
Ion Ratio Lower Upper
106 100
91 207.7 145.1 269.5

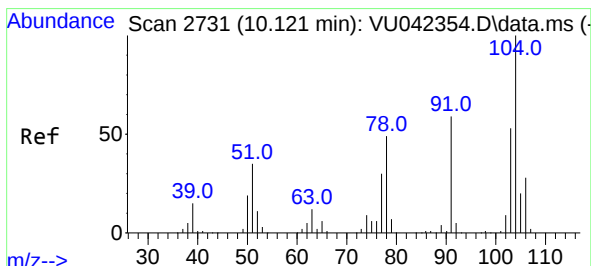
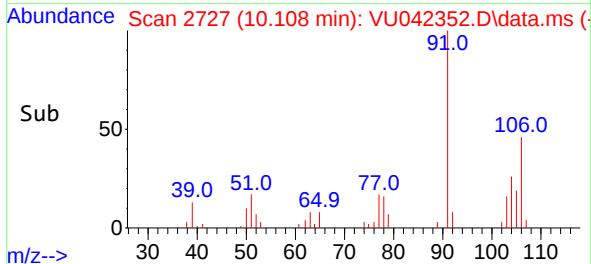
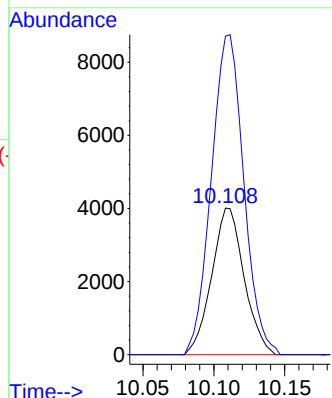
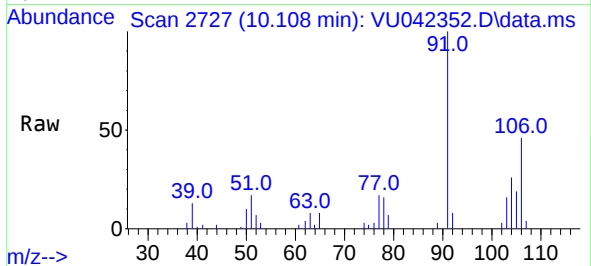




#54
o-Xylene
Concen: 0.45 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

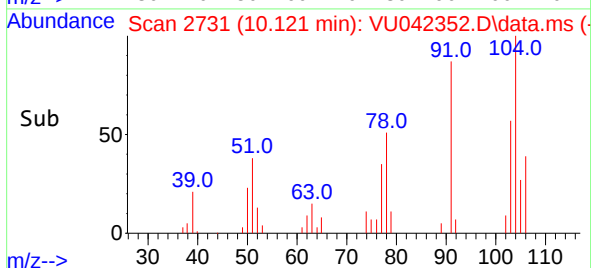
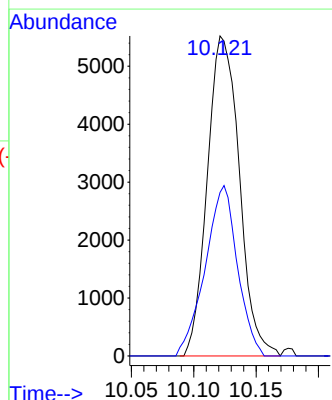
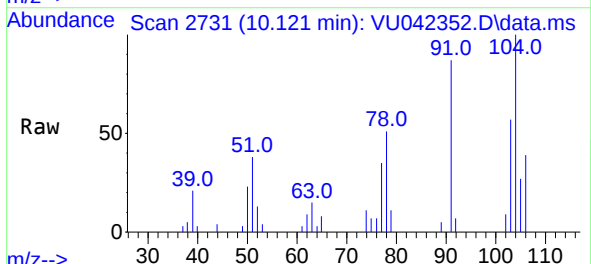
Instrument :
MSVOA_U
ClientSampleId :

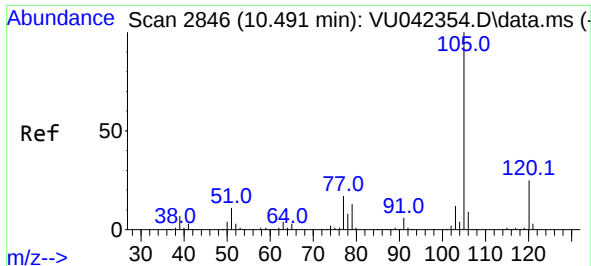
Tgt Ion:106 Resp: 6376
Ion Ratio Lower Upper
106 100
91 217.3 153.0 284.2



#55
Styrene
Concen: 0.41 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion:104 Resp: 9870
Ion Ratio Lower Upper
104 100
78 51.1 34.9 64.7

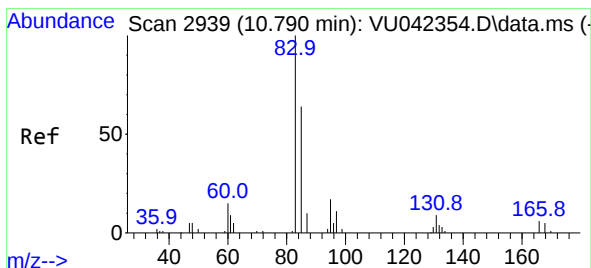
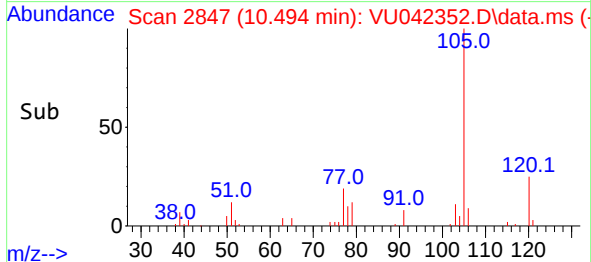
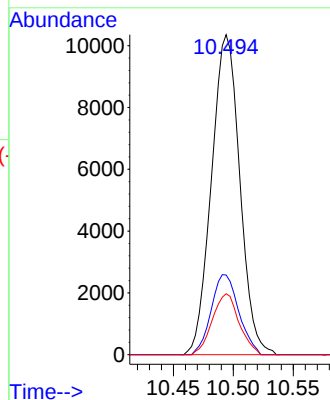
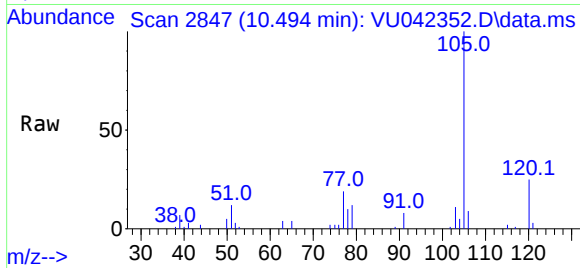




#56
Isopropylbenzene
Concen: 0.44 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

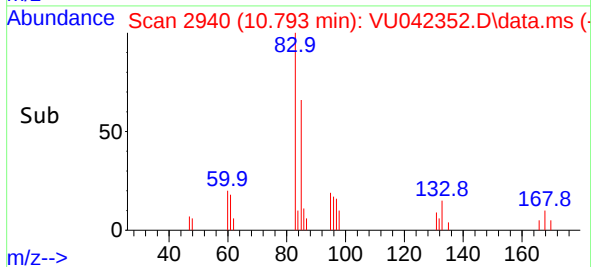
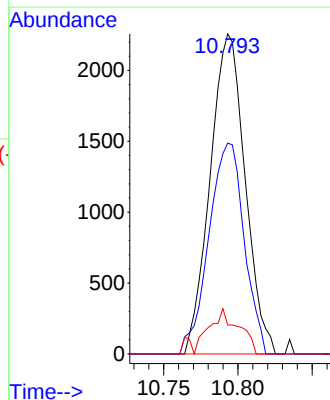
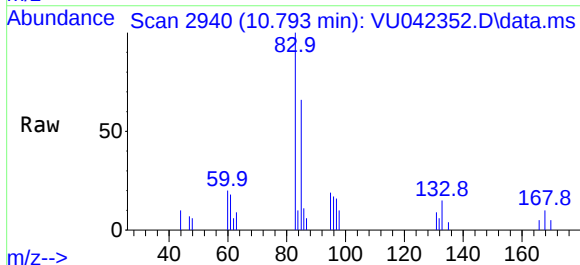
Instrument :
MSVOA_U
ClientSampleId :

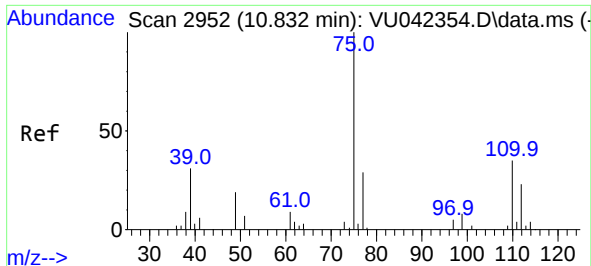
Tgt Ion:105 Resp: 17002
Ion Ratio Lower Upper
105 100
120 24.4 20.8 31.2
77 18.0 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 0.47 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 83 Resp: 3697
Ion Ratio Lower Upper
83 100
85 65.9 44.4 82.4
131 9.0 8.6 12.8

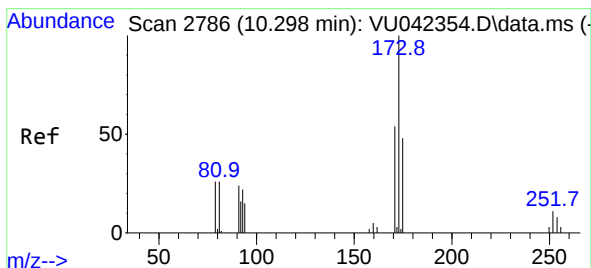
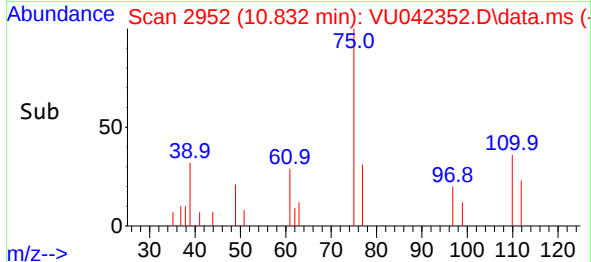
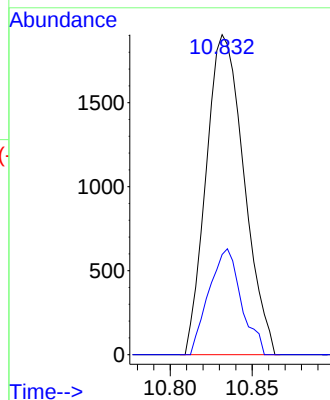
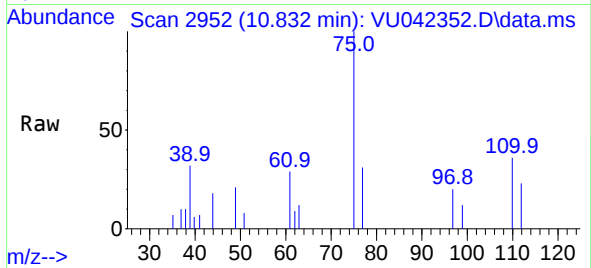




#59
1,2,3-Trichloropropane
Concen: 0.51 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

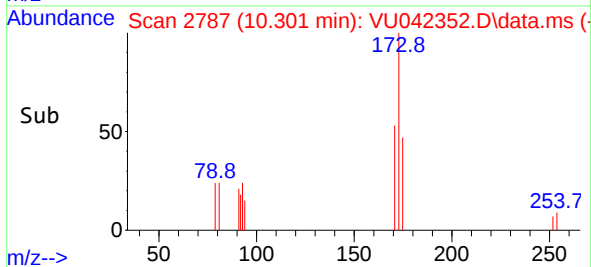
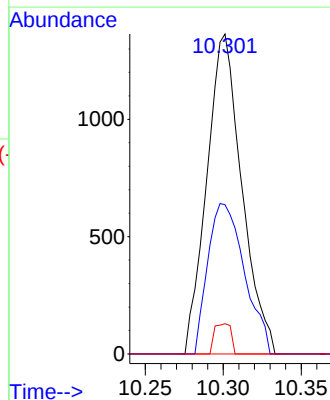
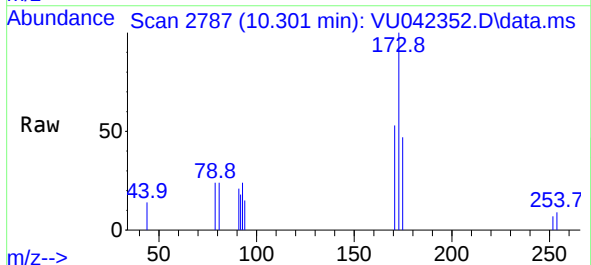
Instrument :
MSVOA_U
ClientSampled :

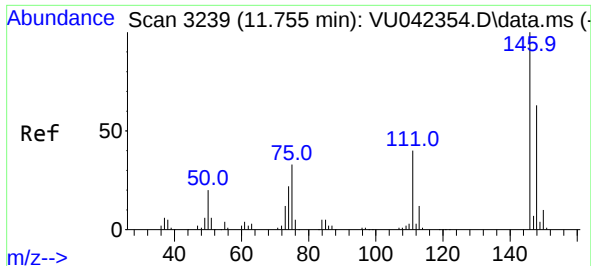
Tgt Ion: 75 Resp: 3052
Ion Ratio Lower Upper
75 100
77 28.3 26.0 39.0



#61
Bromoform
Concen: 0.41 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion: 173 Resp: 2128
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 4.5 7.9 11.9#

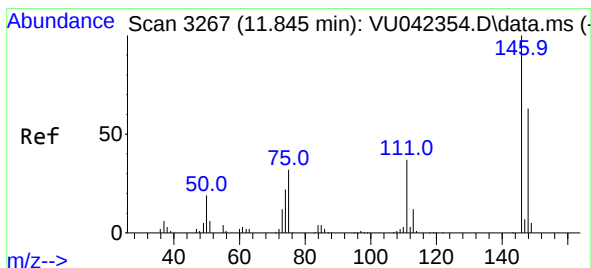
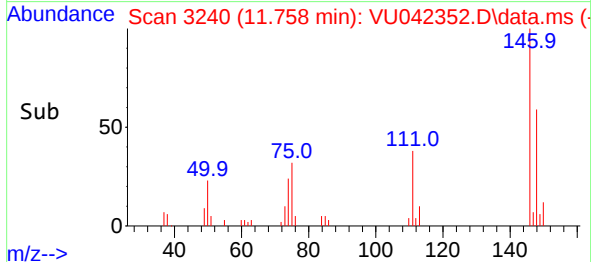
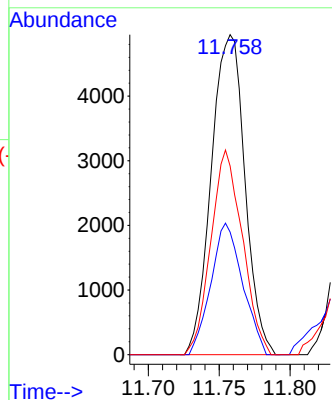
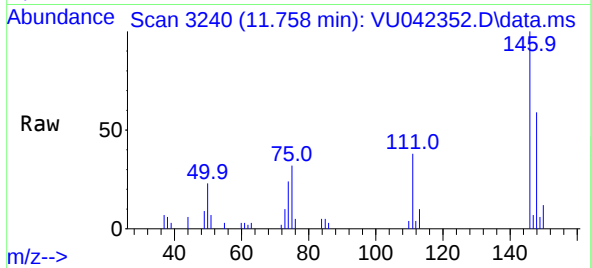




#62
1,3-Dichlorobenzene
Concen: 0.45 ug/L
RT: 11.758 min Scan# 3240
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

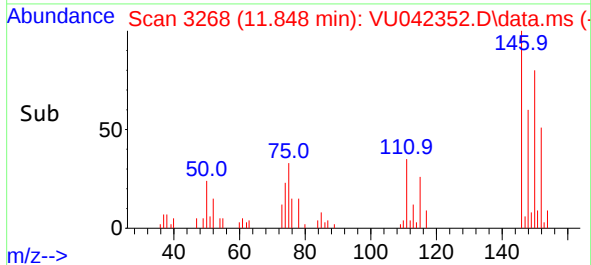
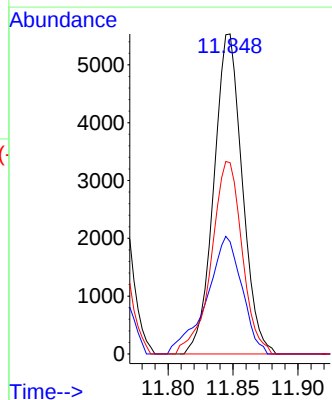
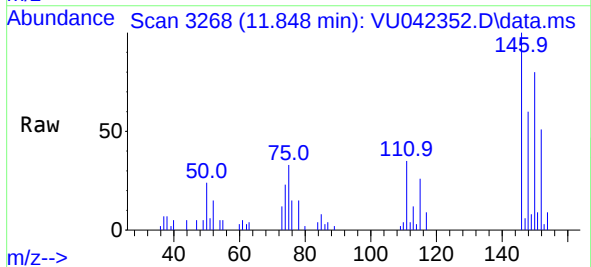
Instrument :
MSVOA_U
ClientSampleId :

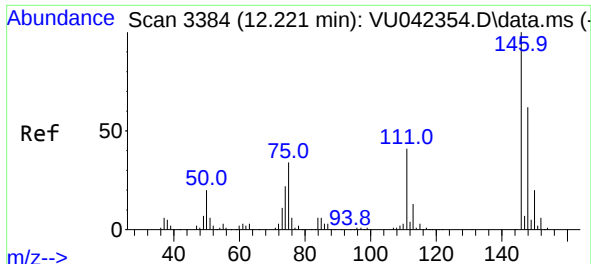
Tgt Ion:146 Resp: 8167
Ion Ratio Lower Upper
146 100
111 38.3 27.2 50.4
148 59.0 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 0.46 ug/L
RT: 11.848 min Scan# 3268
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion:146 Resp: 8421
Ion Ratio Lower Upper
146 100
111 35.0 25.8 47.8
148 59.7 44.1 81.9

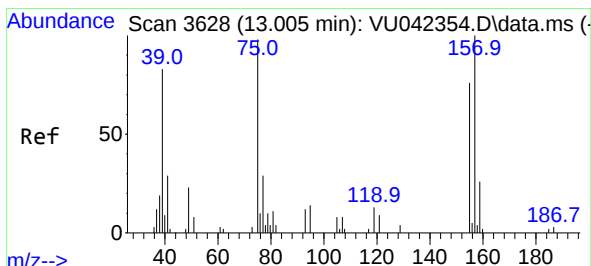
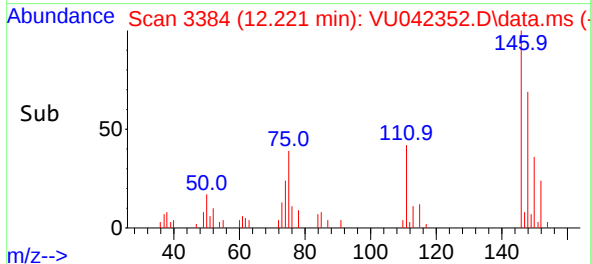
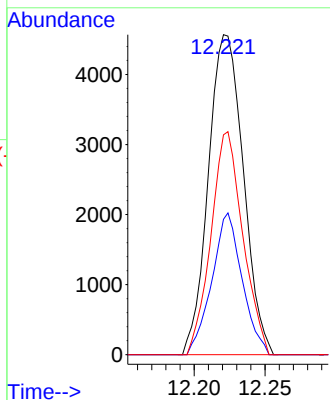
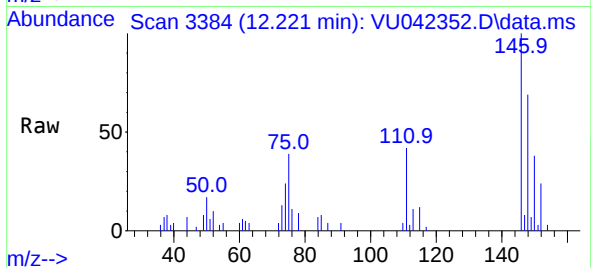




#65
1,2-Dichlorobenzene
Concen: 0.46 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

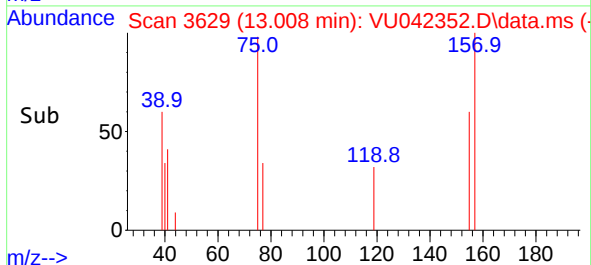
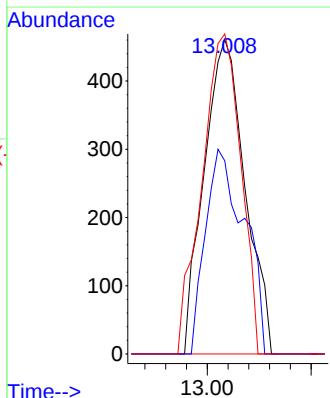
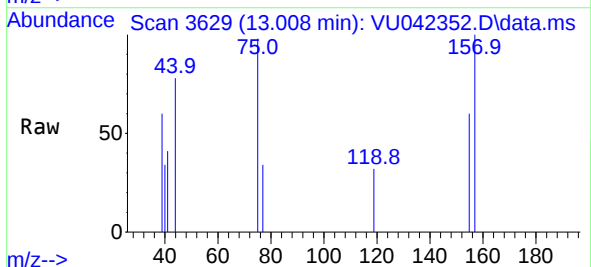
Instrument :
MSVOA_U
ClientSampleId :

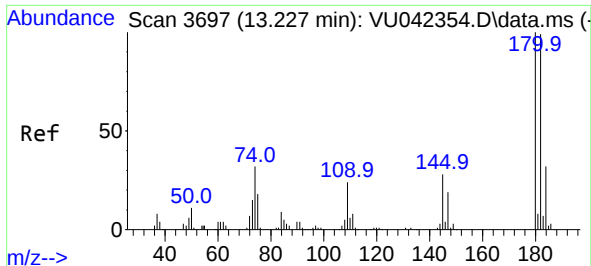
Tgt Ion:	146	Resp:	7858
Ion Ratio	Lower	Upper	
146	100		
111	42.3	32.7	49.1
148	68.7	51.7	77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 0.42 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

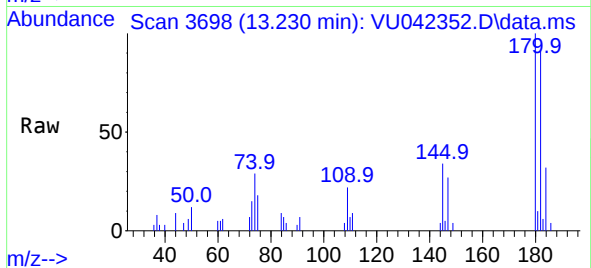
Tgt Ion:	75	Resp:	631
Ion Ratio	Lower	Upper	
75	100		
155	61.4	69.0	103.6#
157	101.7	91.0	136.6



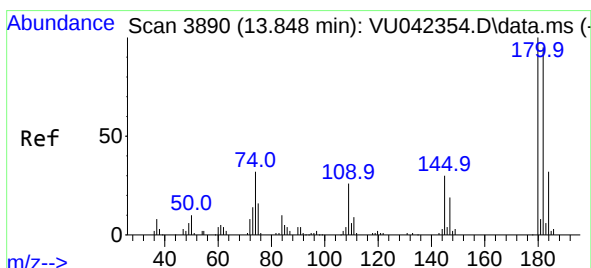
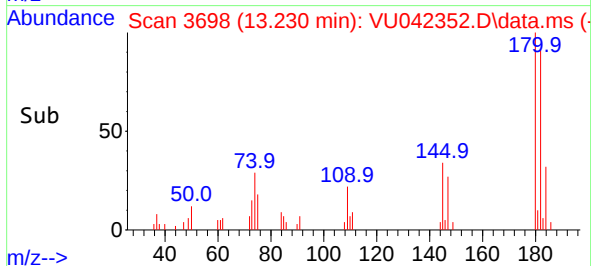
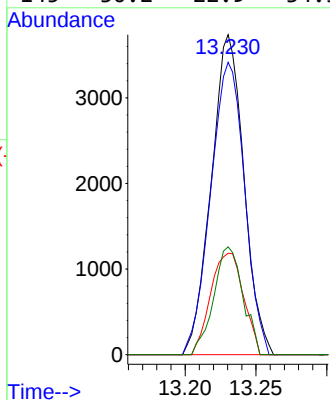


#67
1,3,5-Trichlorobenzene
Concen: 0.41 ug/L
RT: 13.230 min Scan# 3698
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

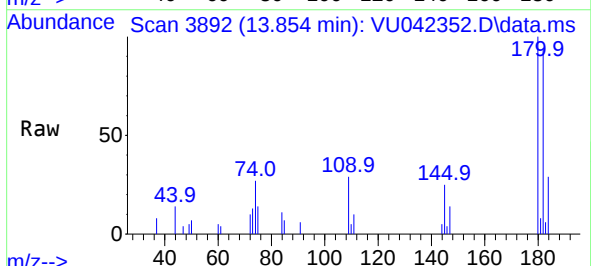
Instrument :
MSVOA_U
ClientSampleId :



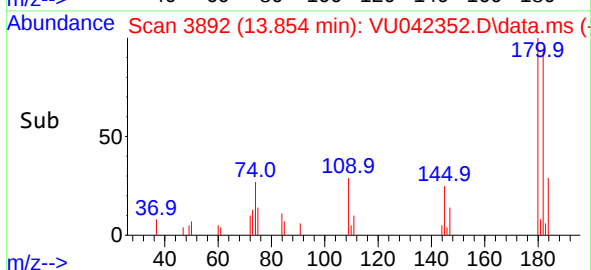
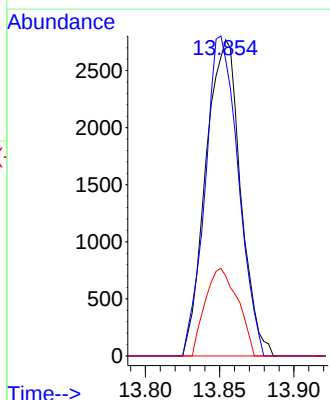
Tgt Ion:180 Resp: 5984
Ion Ratio Lower Upper
180 100
182 94.9 76.4 114.6
184 32.0 23.9 35.9
145 30.2 22.9 34.3

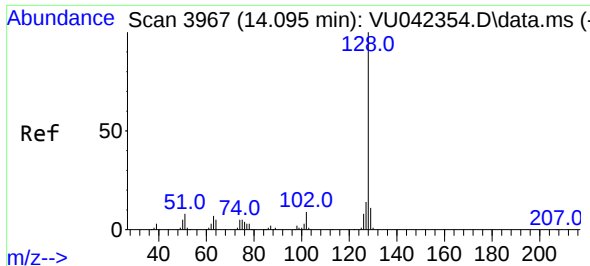


#68
1,2,4-trichlorobenzene
Concen: 0.39 ug/L
RT: 13.854 min Scan# 3892
Delta R.T. 0.006 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00



Tgt Ion:180 Resp: 4492
Ion Ratio Lower Upper
180 100
182 96.5 76.3 114.5
145 25.9 23.7 35.5

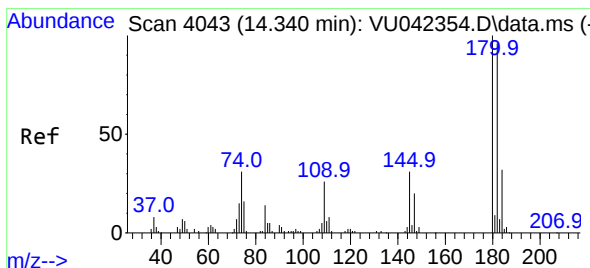
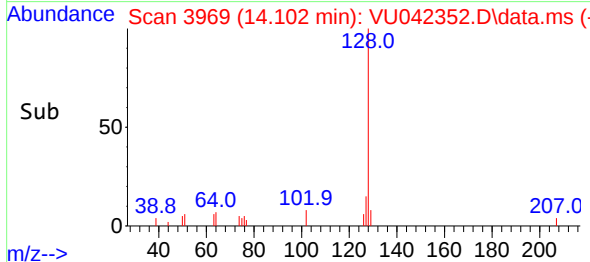
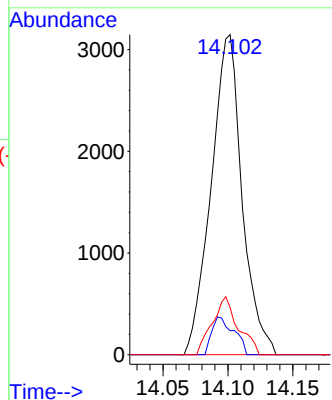
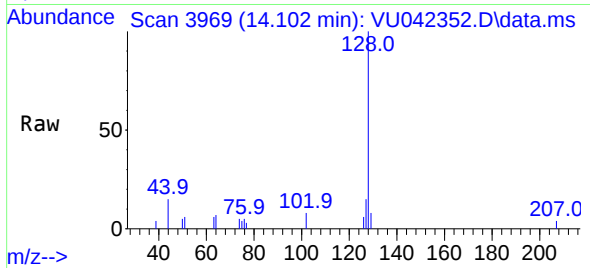




#69
Naphthalene
Concen: 0.30 ug/L
RT: 14.102 min Scan# 3969
Delta R.T. 0.006 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 5208
Ion Ratio Lower Upper
128 100
129 8.4 8.7 13.1#
127 15.1 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 0.40 ug/L
RT: 14.343 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VU042352.D
Acq: 19 Feb 2021 10:00

Tgt Ion:180 Resp: 4100
Ion Ratio Lower Upper
180 100
182 93.2 75.6 113.4
145 29.1 24.7 37.1

