

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082422\
 Data File : U082422.D
 Acq On : 24 Aug 2022 18:47
 Operator : SY/MD
 Sample : N4322-13MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 05:33:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	337130	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	326169	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	146293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	163435	40.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.000%
7) Chloroethane-d5	1.903	69	136227	46.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.360%
11) 1,1-Dichloroethene-d2	2.562	63	238606	42.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.700%
21) 2-Butanone-d5	4.626	46	255093	97.766	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.770%
24) Chloroform-d	5.063	84	289874	45.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	181318	45.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
32) Benzene-d6	5.726	84	573179	47.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	6.690	67	188648	47.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.500%
41) Toluene-d8	7.899	98	504251	47.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	8.179	79	76246	45.782	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.560%
47) 2-Hexanone-d5	8.636	63	156070	105.336	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	292907	47.565	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	163223	46.707	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	110448	41.912	ug/L	100
3) Chloromethane	1.517	50	146173	47.660	ug/L	100
5) Vinyl chloride	1.601	62	136684	45.576	ug/L	100
6) Bromomethane	1.842	94	52819	47.630	ug/L	95
8) Chloroethane	1.922	64	88846	48.764	ug/L	99
9) Trichlorofluoromethane	2.131	101	169990	44.551	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	98037	41.908	ug/L	99
12) 1,1-Dichloroethene	2.575	96	93546	45.233	ug/L	96
13) Acetone	2.629	43	144186	84.046	ug/L	99
14) Carbon disulfide	2.787	76	230249	43.630	ug/L	100
15) Methyl Acetate	2.951	43	136243	44.141	ug/L	98
16) Methylene chloride	3.041	84	133048	46.162	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	102716	47.247	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	356707	51.841	ug/L	99
19) 1,1-Dichloroethane	3.867	63	224458	47.656	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	128206	49.246	ug/L	99
22) 2-Butanone	4.707	43	225685	97.067	ug/L	99
23) Bromochloromethane	4.973	128	69771	49.069	ug/L	98
25) Chloroform	5.086	83	237142	47.261	ug/L	100

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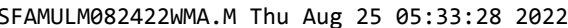
Instrument :
 MSVOA_U
 ClientSampleId :

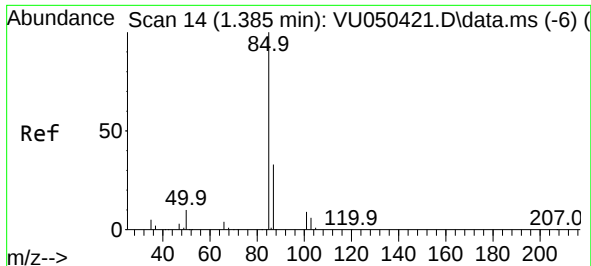
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	179308	47.905	ug/L	99
29) Cyclohexane	5.388	56	140903	46.962	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	179138	48.005	ug/L	100
31) Carbon tetrachloride	5.523	117	142290	46.464	ug/L	100
33) Benzene	5.774	78	504020	51.038	ug/L	100
34) Trichloroethene	6.543	95	111643	47.760	ug/L	99
35) Methylcyclohexane	6.764	83	138985	42.521	ug/L	98
37) 1,2-Dichloropropane	6.790	63	142253	49.591	ug/L	99
38) Bromodichloromethane	7.105	83	179088	48.935	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	186395	49.482	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	417097	109.419	ug/L	99
42) Toluene	7.970	91	512671	51.527	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	172306	49.073	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	141989	50.304	ug/L	99
46) Tetrachloroethene	8.552	164	76855	44.765	ug/L	96
48) 2-Hexanone	8.687	43	342251	107.511	ug/L	98
49) Dibromochloromethane	8.809	129	140024	47.891	ug/L	98
50) 1,2-Dibromoethane	8.925	107	138097	48.957	ug/L	100
51) Chlorobenzene	9.446	112	311459	47.701	ug/L	99
52) Ethylbenzene	9.571	91	481810	48.047	ug/L	100
53) m,p-Xylene	9.694	106	182091	48.624	ug/L	98
54) o-Xylene	10.102	106	190588	51.226	ug/L	97
55) Styrene	10.115	104	311352	49.181	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	251566	48.776	ug/L	100
59) Bromoform	10.292	173	102475	48.915	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	191601	50.824	ug/L	99
61) Isopropylbenzene	10.484	105	455045	50.289	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	359535	49.209	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	353999	49.676	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	205861	46.529	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	203564	45.686	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	226766	48.739	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	48834	48.740	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	129234	42.375	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	105981	43.391	ug/L	98
71) Naphthalene	14.086	128	400301	49.962	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	127480	47.756	ug/L	98

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

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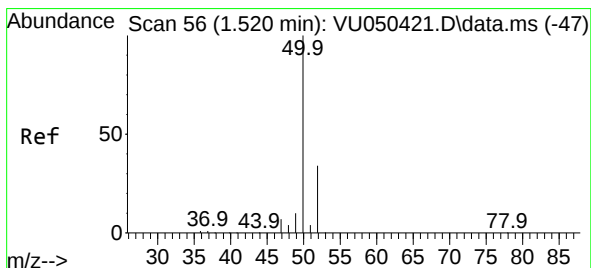
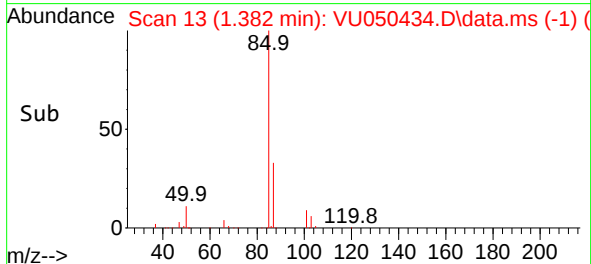
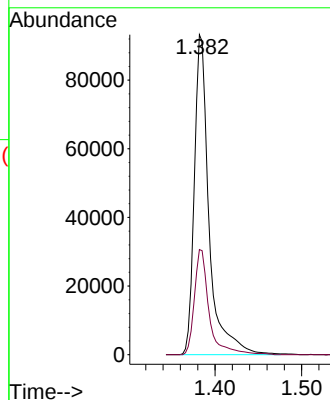
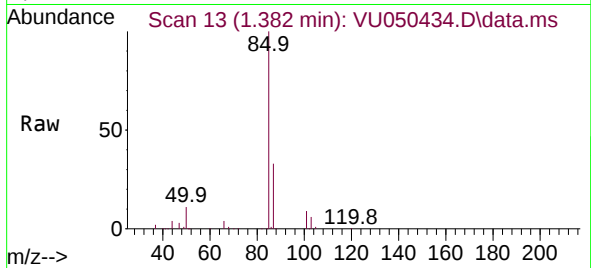




#2
Dichlorodifluoromethane
Concen: 41.912 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

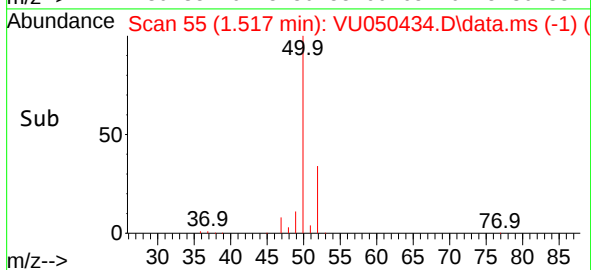
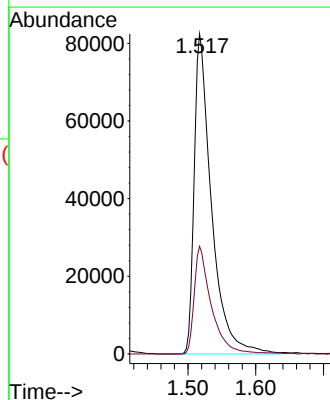
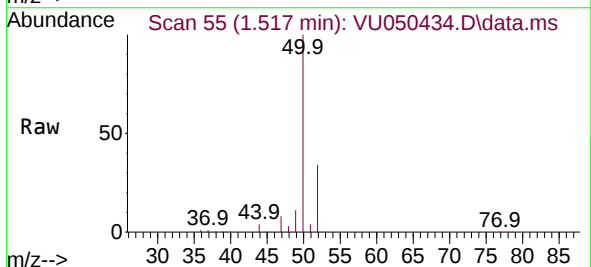
Instrument :
MSVOA_U
ClientSampleId :

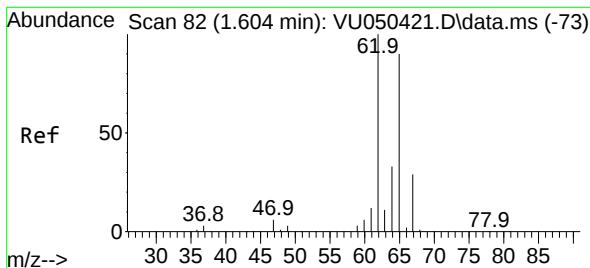
Tgt Ion: 85 Resp: 110448
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 47.660 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion: 50 Resp: 146173
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.6





#5

Vinyl chloride

Concen: 45.576 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

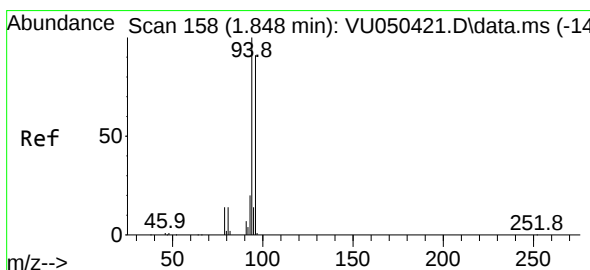
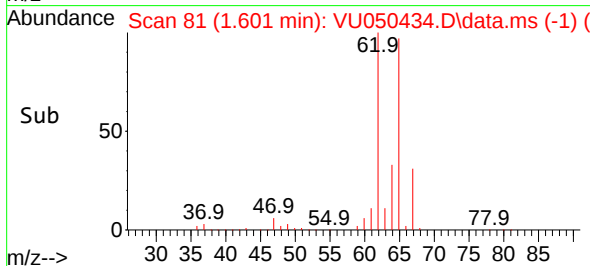
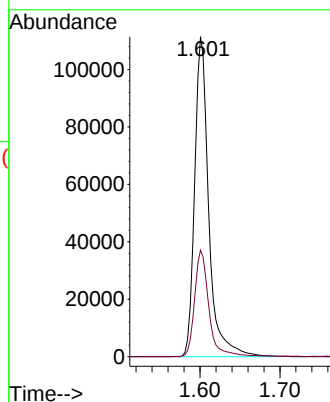
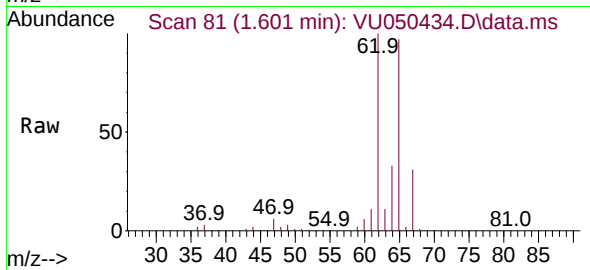
ClientSampleId :

Tgt Ion: 62 Resp: 136684

Ion Ratio Lower Upper

62 100

64 33.3 23.1 42.9



#6

Bromomethane

Concen: 47.630 ug/L

RT: 1.842 min Scan# 156

Delta R.T. -0.006 min

Lab File: VU050434.D

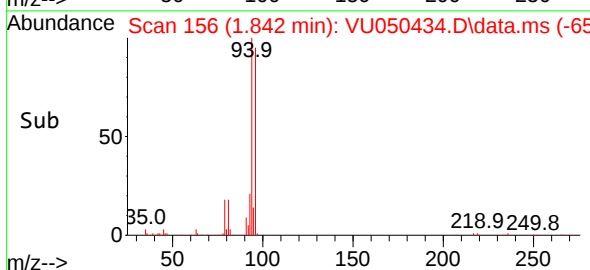
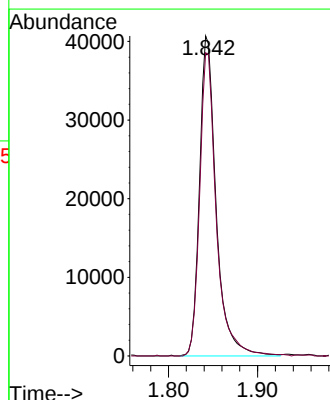
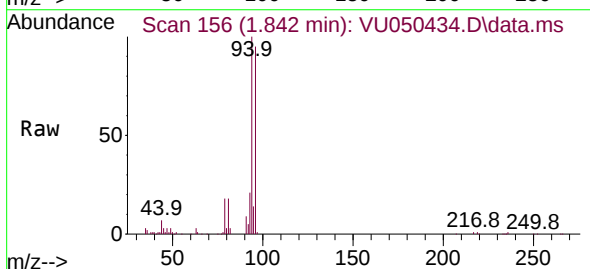
Acq: 24 Aug 2022 18:47

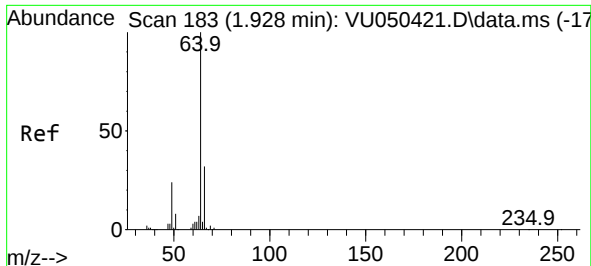
Tgt Ion: 94 Resp: 52819

Ion Ratio Lower Upper

94 100

96 94.8 63.3 117.5

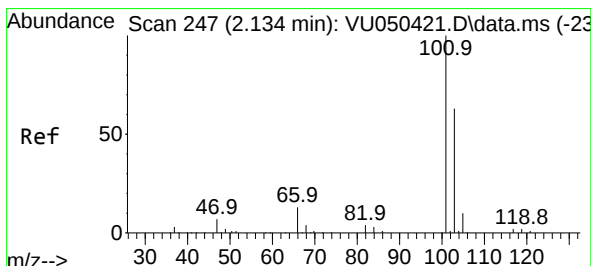
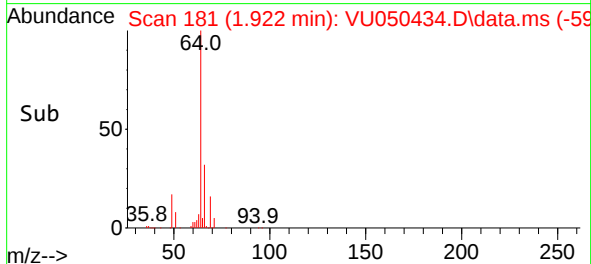
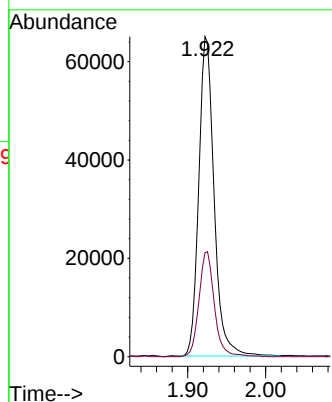
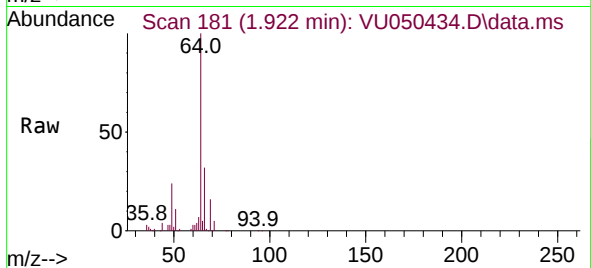




#8
Chloroethane
Concen: 48.764 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.006 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

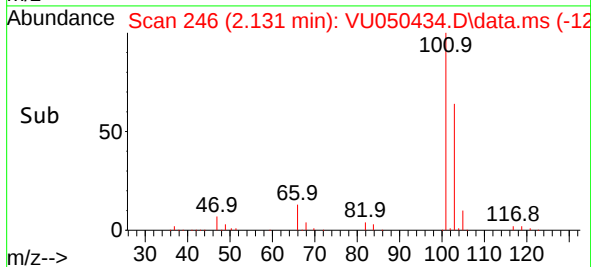
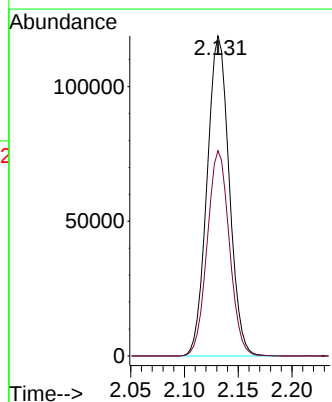
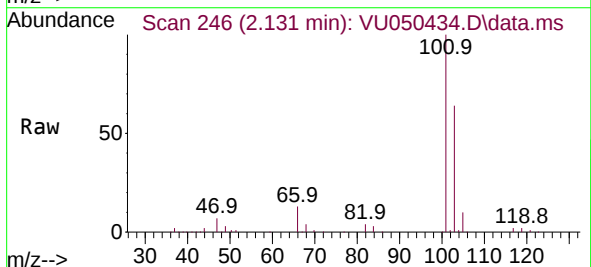
Instrument :
MSVOA_U
ClientSampleId :

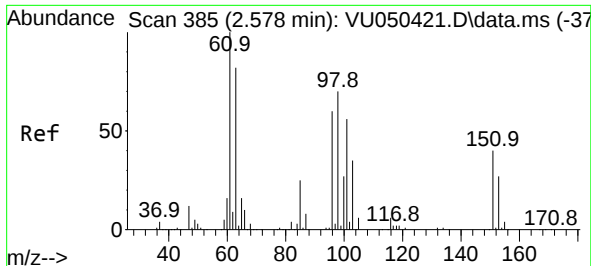
Tgt Ion: 64 Resp: 88846
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 44.551 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion:101 Resp: 169990
Ion Ratio Lower Upper
101 100
103 64.2 51.1 76.7





#10

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

Concen: 41.908 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :

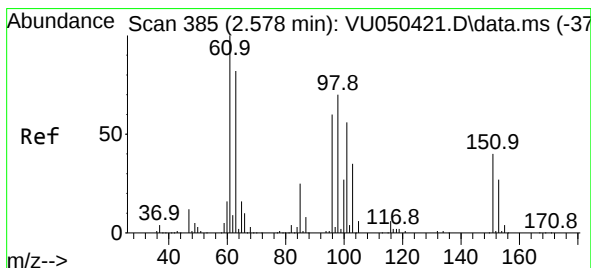
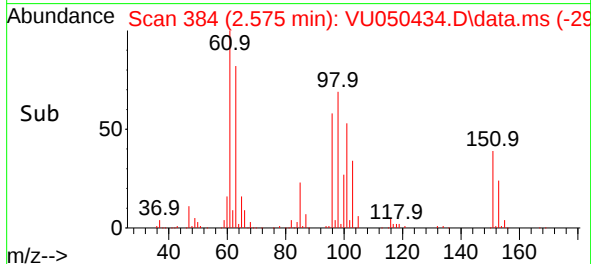
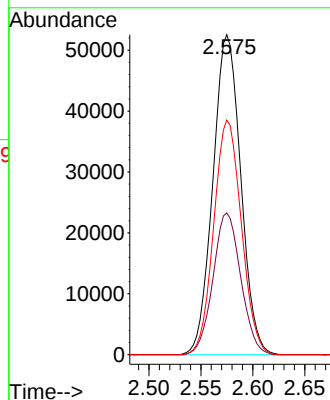
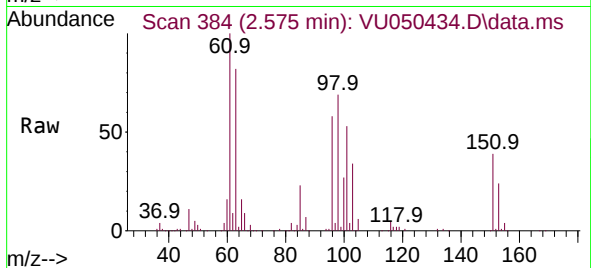
Tgt Ion:101 Resp: 98037

Ion Ratio Lower Upper

101 100

85 44.1 35.3 52.9

151 72.6 57.3 85.9



#12

1,1-Dichloroethene

Concen: 45.233 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

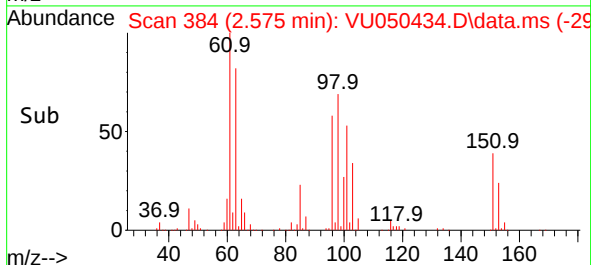
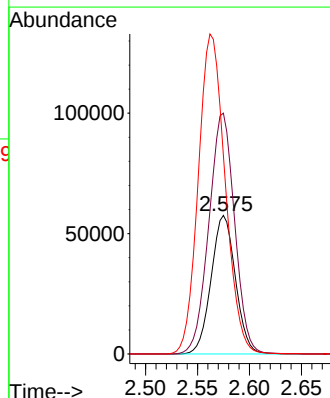
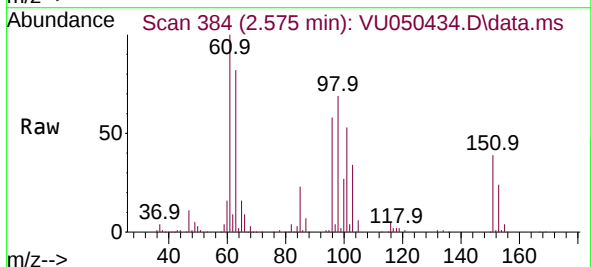
Tgt Ion: 96 Resp: 93546

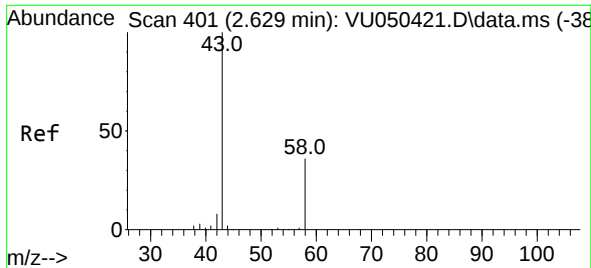
Ion Ratio Lower Upper

96 100

61 173.9 116.8 216.8

63 143.3 97.4 180.8





#13

Acetone

Concen: 84.046 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

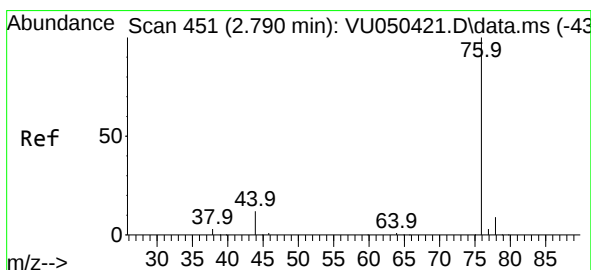
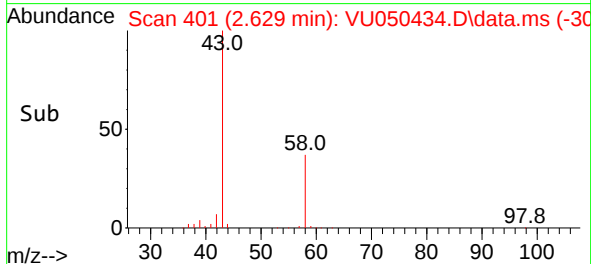
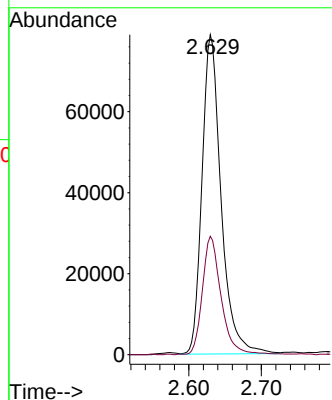
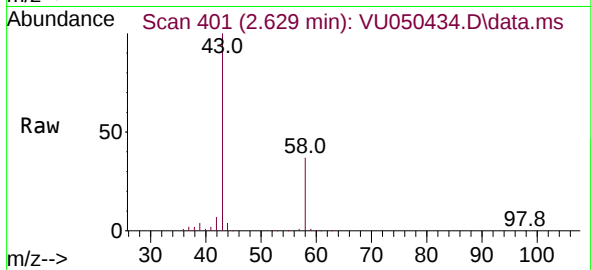
ClientSampleId :

Tgt Ion: 43 Resp: 144186

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.2



#14

Carbon disulfide

Concen: 43.630 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU050434.D

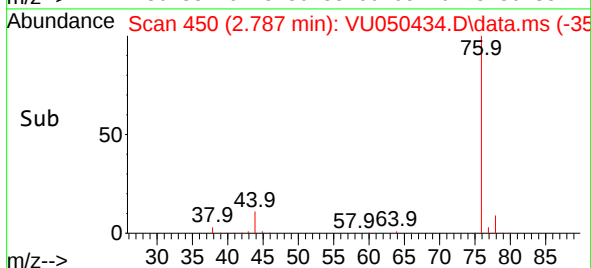
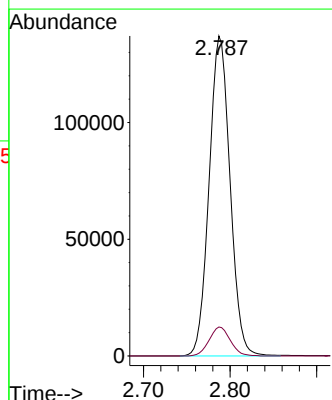
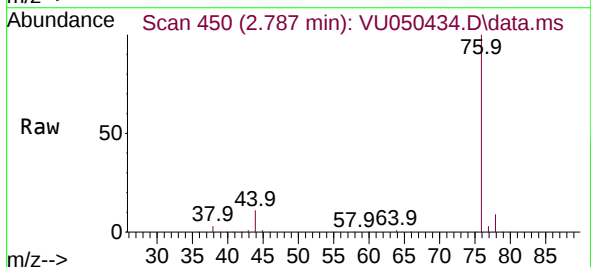
Acq: 24 Aug 2022 18:47

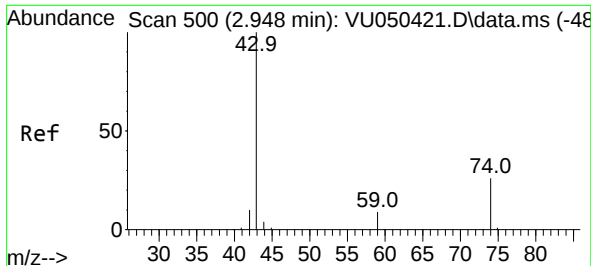
Tgt Ion: 76 Resp: 230249

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

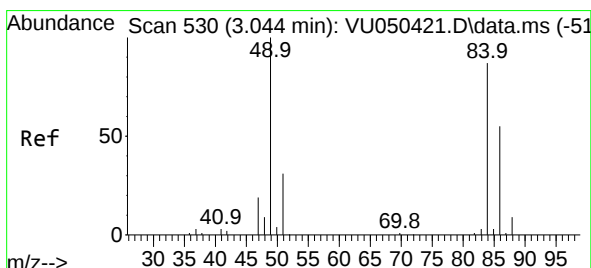
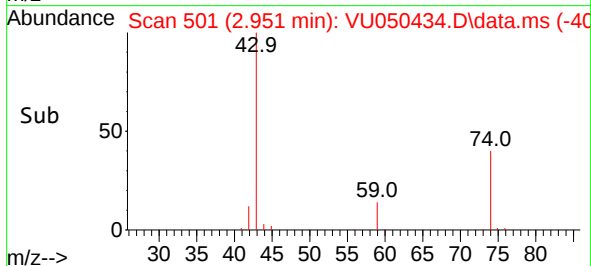
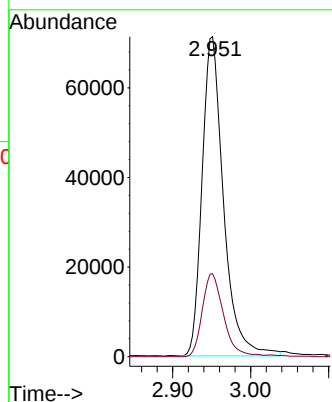
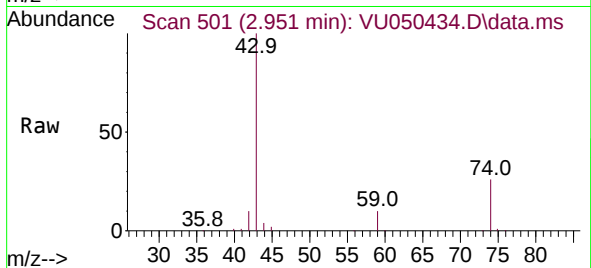




#15
Methyl Acetate
Concen: 44.141 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

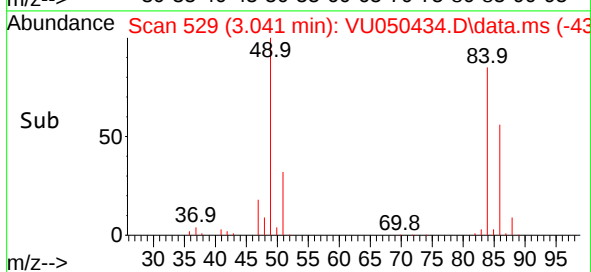
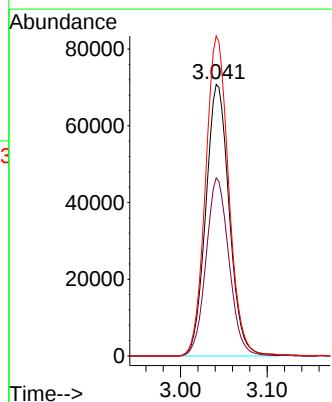
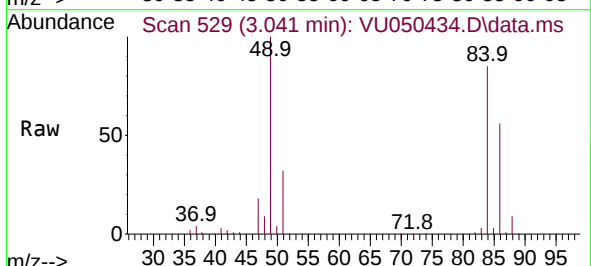
Instrument :
MSVOA_U
ClientSampleId :

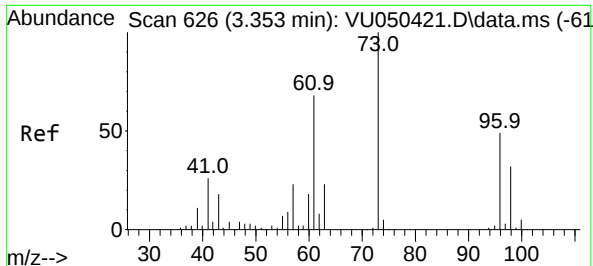
Tgt Ion: 43 Resp: 136243
Ion Ratio Lower Upper
43 100
74 25.4 21.2 31.8



#16
Methylene chloride
Concen: 46.162 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion: 84 Resp: 133048
Ion Ratio Lower Upper
84 100
86 65.6 43.9 81.5
49 117.8 80.4 149.4

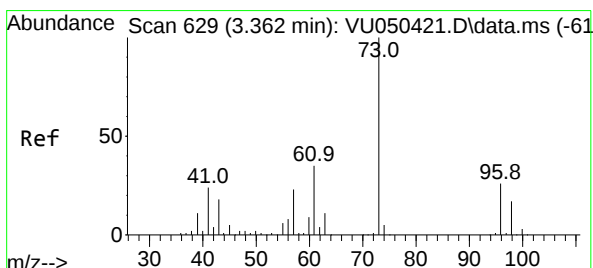
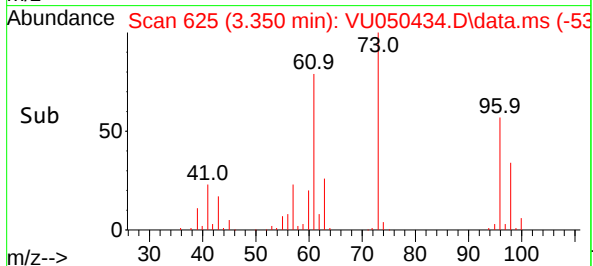
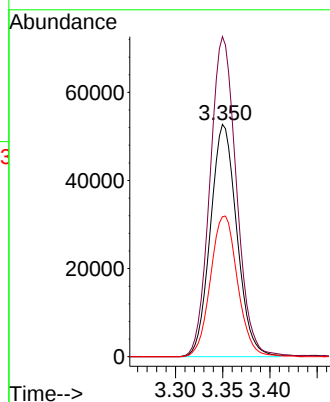
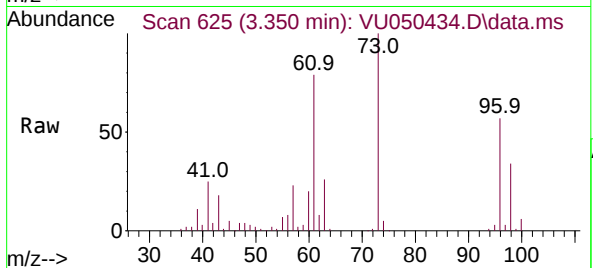




#17
trans-1,2-Dichloroethene
Concen: 47.247 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

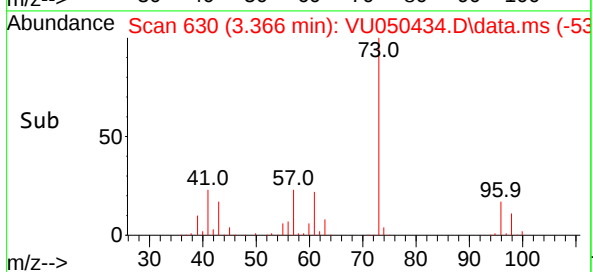
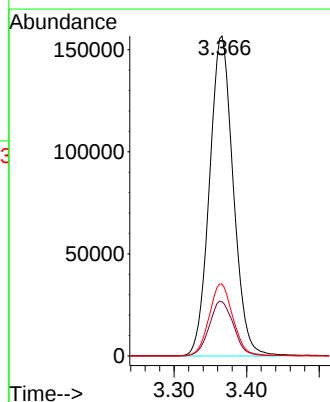
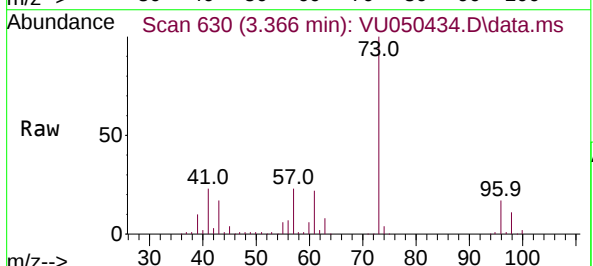
Instrument :
MSVOA_U
ClientSampleId :

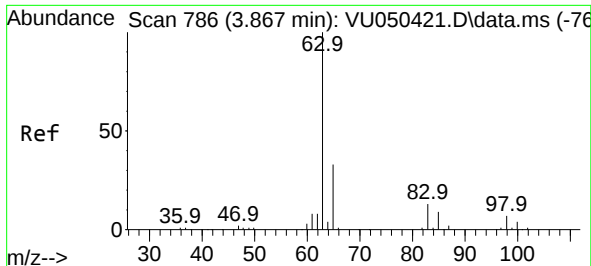
Tgt Ion: 96 Resp: 102716
Ion Ratio Lower Upper
96 100
61 137.8 98.5 182.9
98 60.3 45.7 84.9



#18
Methyl tert-butyl Ether
Concen: 51.841 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion: 73 Resp: 356707
Ion Ratio Lower Upper
73 100
43 17.2 14.4 21.6
57 22.7 17.8 26.8





#19

1,1-Dichloroethane

Concen: 47.656 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :

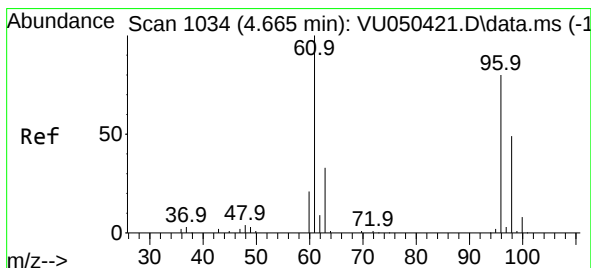
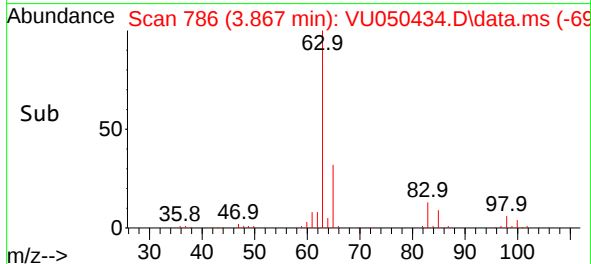
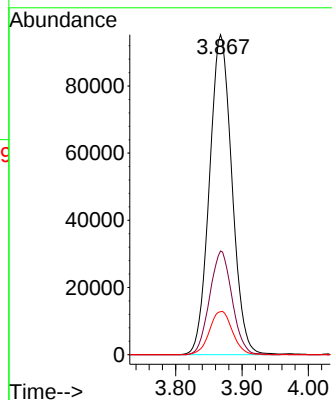
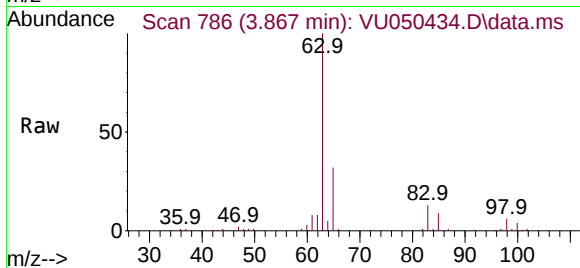
Tgt Ion: 63 Resp: 224458

Ion Ratio Lower Upper

63 100

65 32.4 23.3 43.3

83 13.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 49.246 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

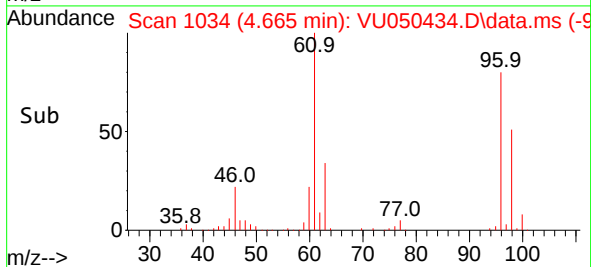
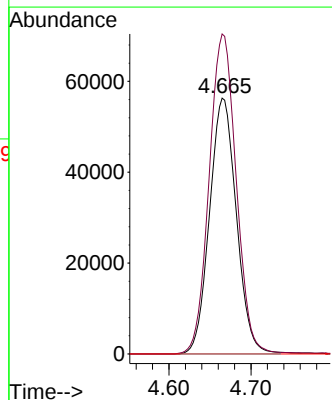
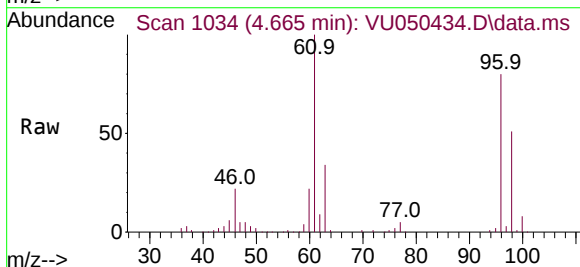
Tgt Ion: 96 Resp: 128206

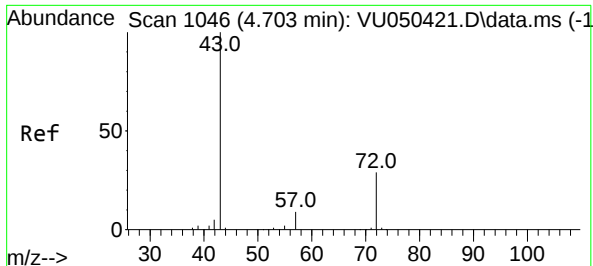
Ion Ratio Lower Upper

96 100

61 125.1 88.1 163.5

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 97.067 ug/L

RT: 4.707 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

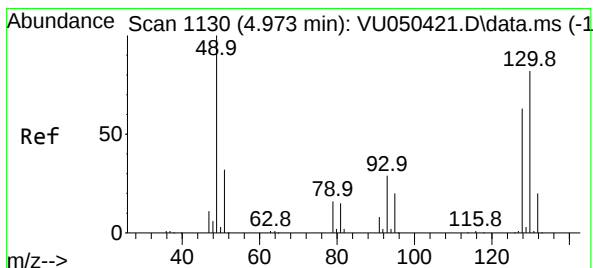
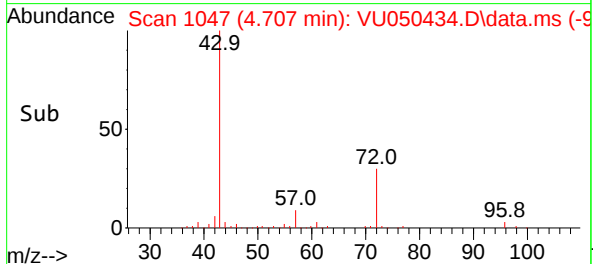
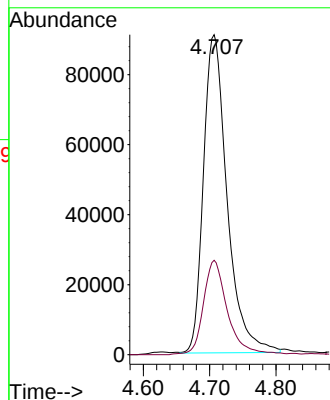
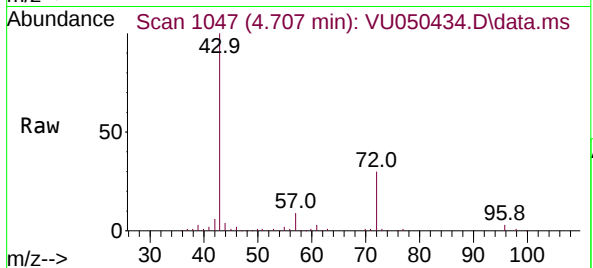
ClientSampleId :

Tgt Ion: 43 Resp: 225685

Ion Ratio Lower Upper

43 100

72 29.7 15.0 45.0



#23

Bromochloromethane

Concen: 49.069 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Tgt Ion:128 Resp: 69771

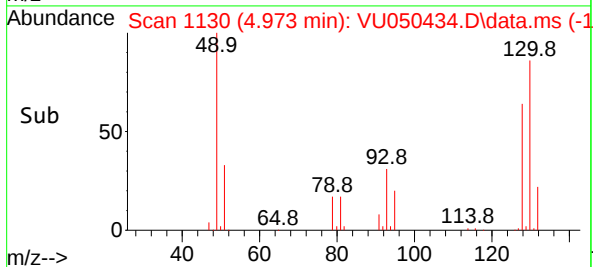
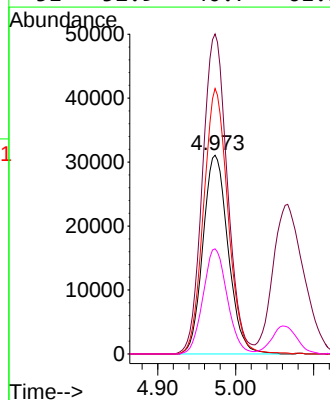
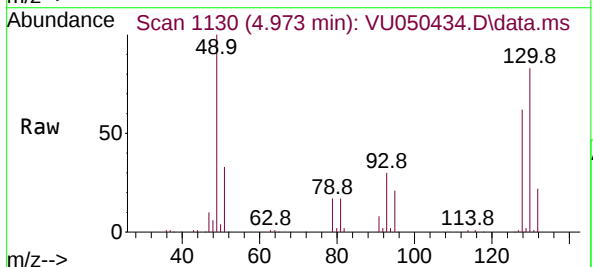
Ion Ratio Lower Upper

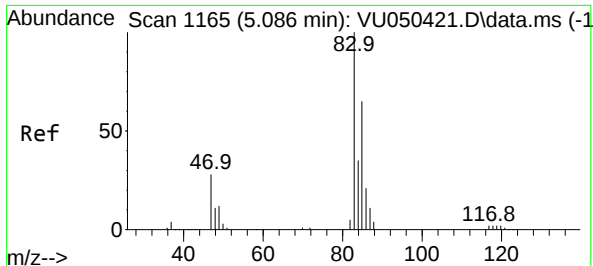
128 100

49 161.0 111.2 206.4

130 133.5 91.1 169.1

51 52.9 40.7 61.1





#25

Chloroform

Concen: 47.261 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

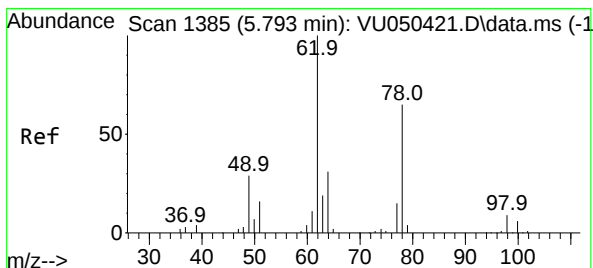
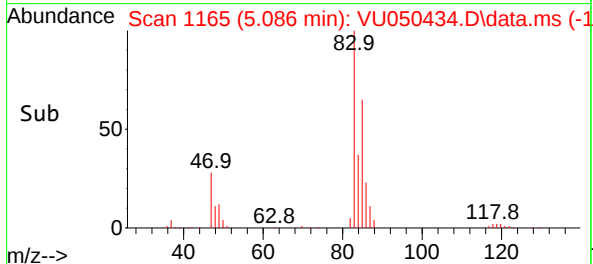
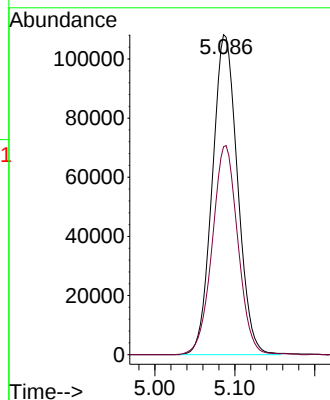
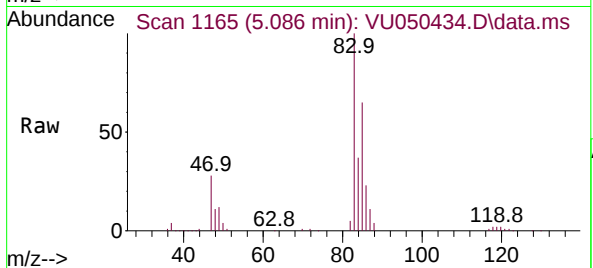
ClientSampleId :

Tgt Ion: 83 Resp: 237142

Ion Ratio Lower Upper

83 100

85 65.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 47.905 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050434.D

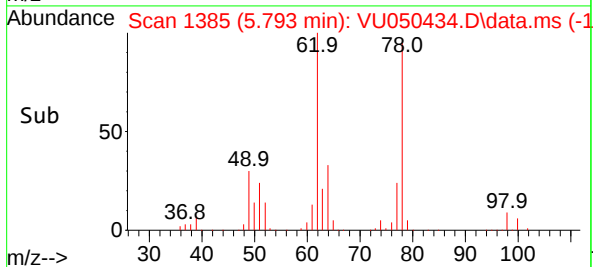
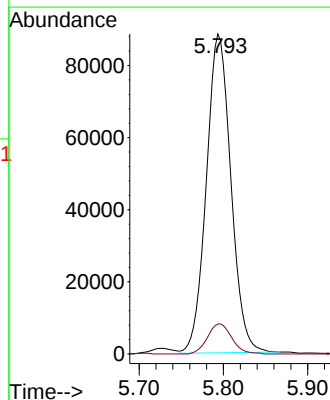
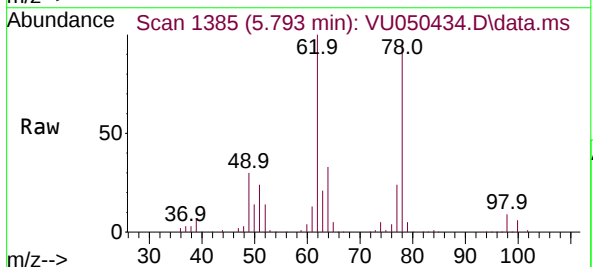
Acq: 24 Aug 2022 18:47

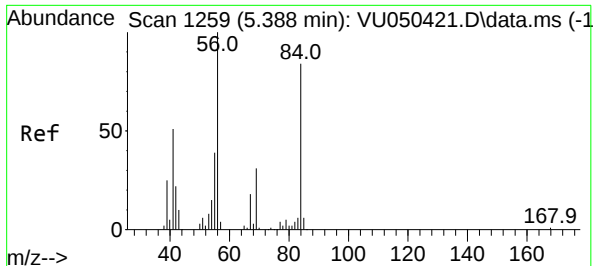
Tgt Ion: 62 Resp: 179308

Ion Ratio Lower Upper

62 100

98 9.4 7.3 10.9





#29

Cyclohexane

Concen: 46.962 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

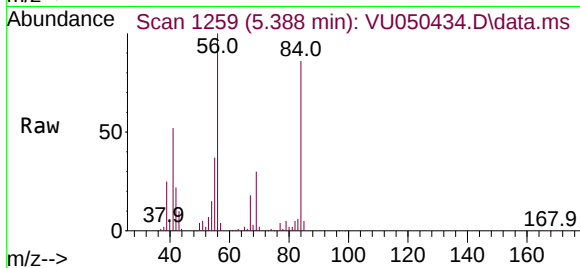
Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :



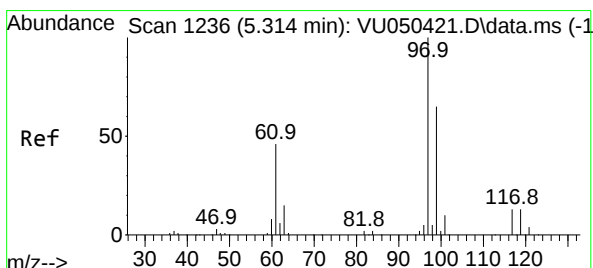
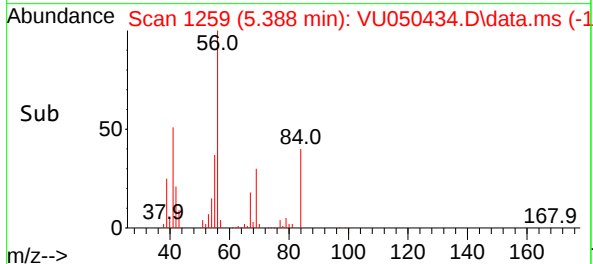
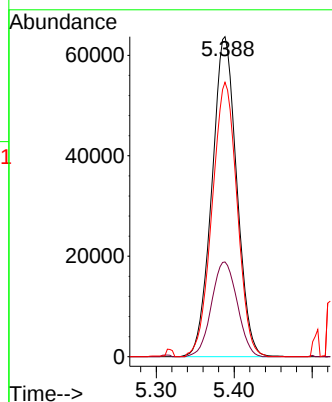
Tgt Ion: 56 Resp: 140903

Ion Ratio Lower Upper

56 100

69 30.6 24.6 36.8

84 86.4 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 48.005 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

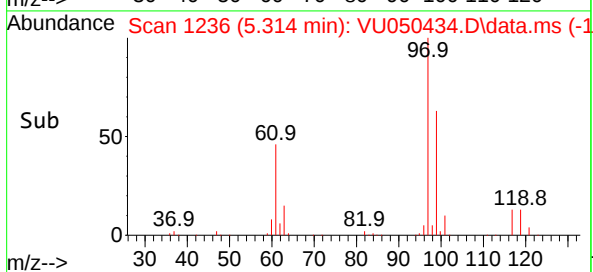
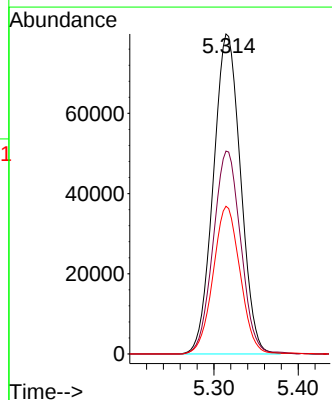
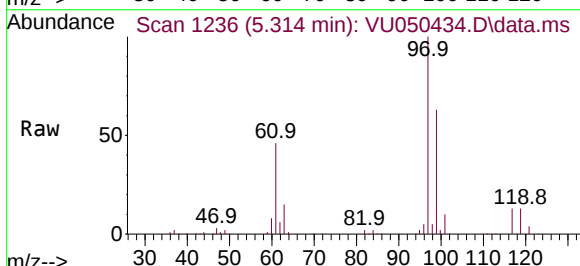
Tgt Ion: 97 Resp: 179138

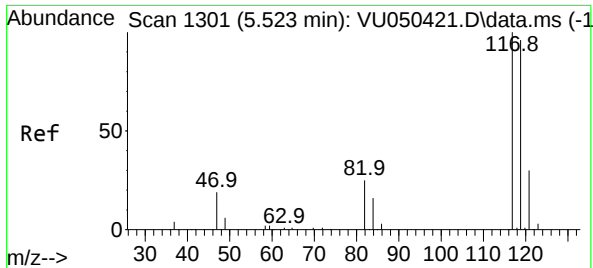
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 45.7 36.6 55.0

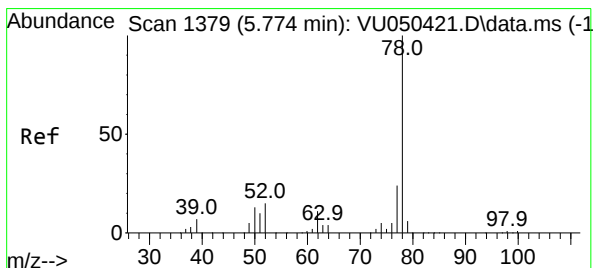
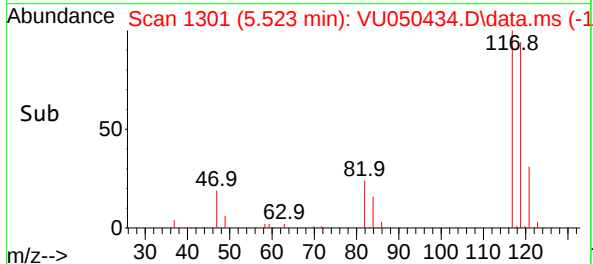
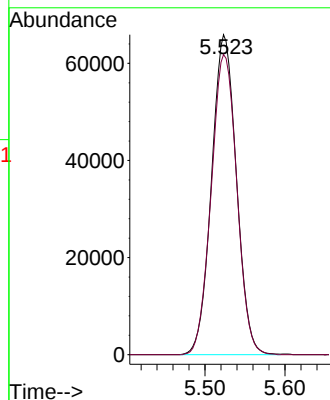
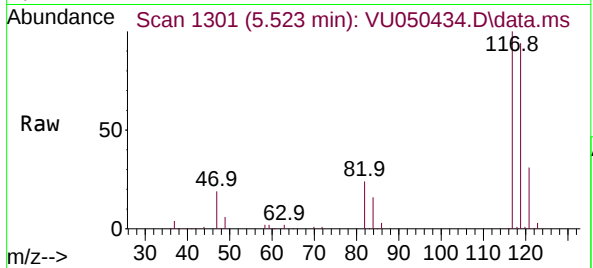




#31
Carbon tetrachloride
Concen: 46.464 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

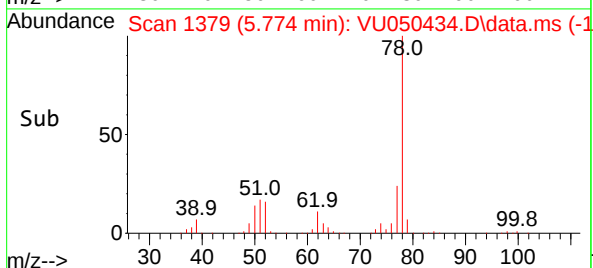
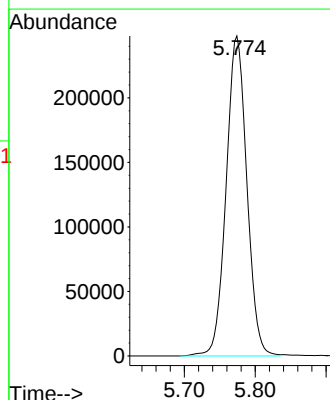
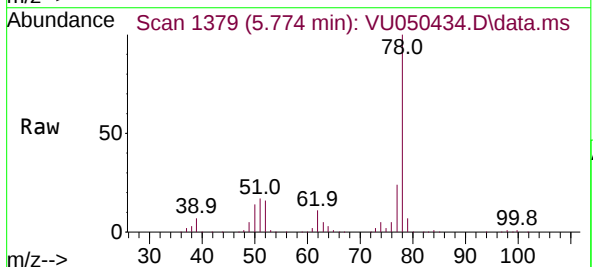
Instrument :
MSVOA_U
ClientSampleId :

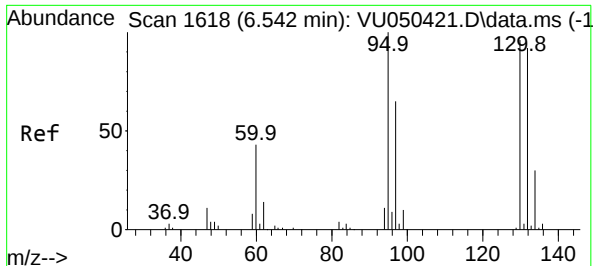
Tgt Ion:117 Resp: 142290
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3



#33
Benzene
Concen: 51.038 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

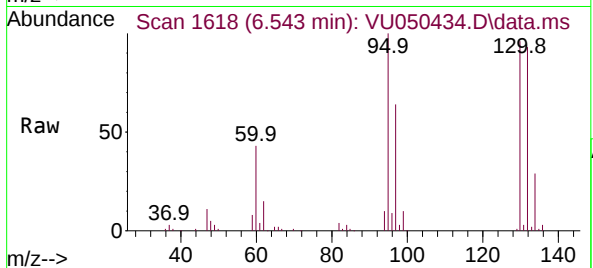
Tgt Ion: 78 Resp: 504020



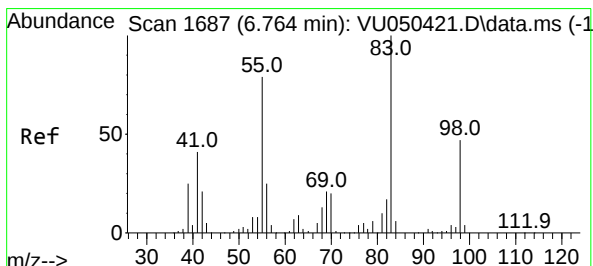
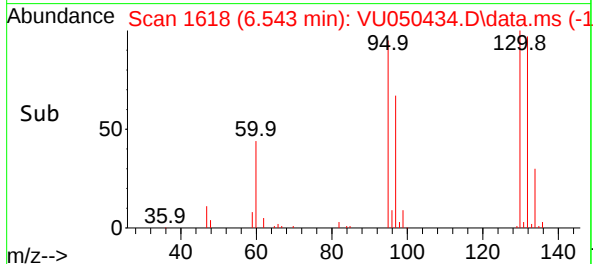
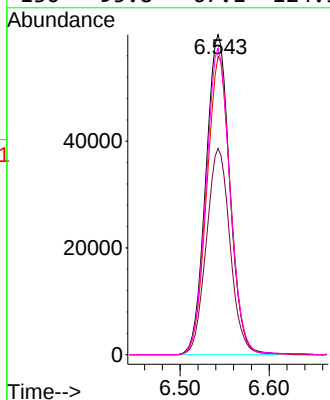


#34
Trichloroethene
Concen: 47.760 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :

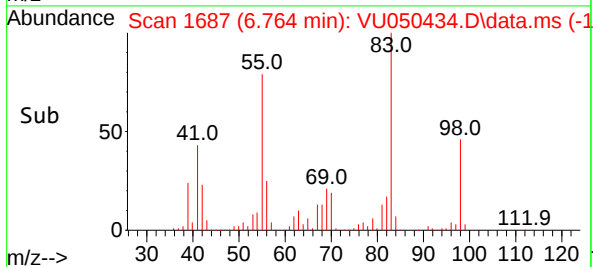
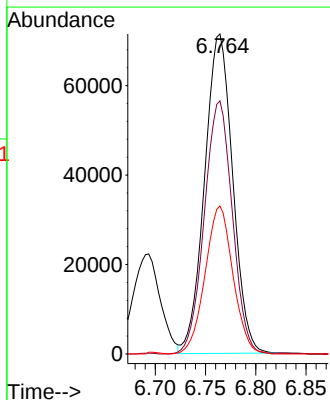
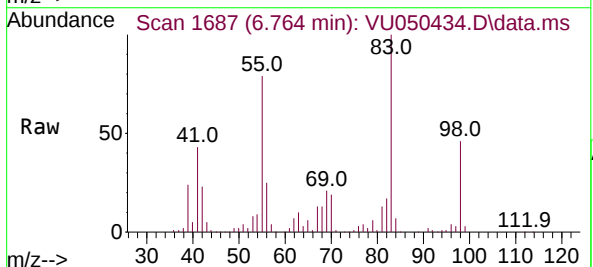


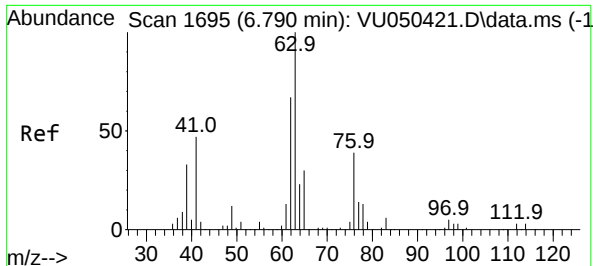
Tgt Ion: 95 Resp: 111643
Ion Ratio Lower Upper
95 100
97 64.4 45.2 84.0
132 93.2 64.4 119.6
130 95.8 67.1 124.5



#35
Methylcyclohexane
Concen: 42.521 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion: 83 Resp: 138985
Ion Ratio Lower Upper
83 100
55 78.8 61.9 92.9
98 45.9 35.8 53.8

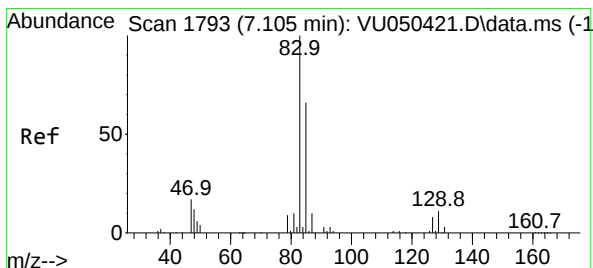
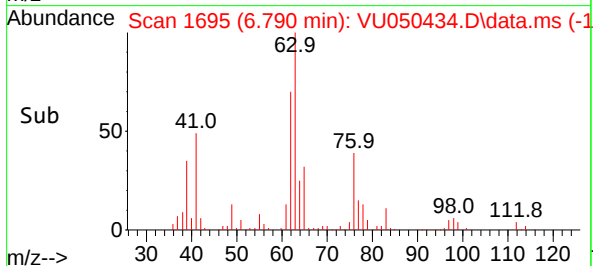
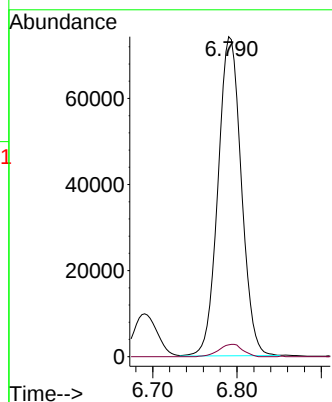
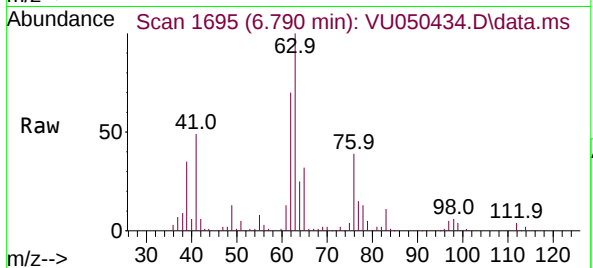




#37
1,2-Dichloropropane
Concen: 49.591 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

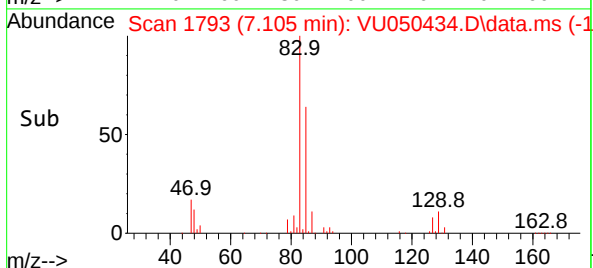
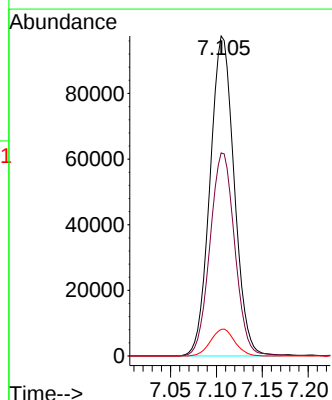
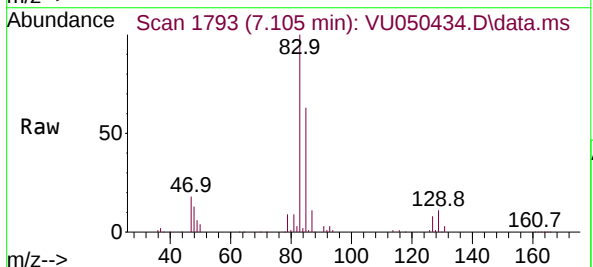
Instrument :
MSVOA_U
ClientSampleId :

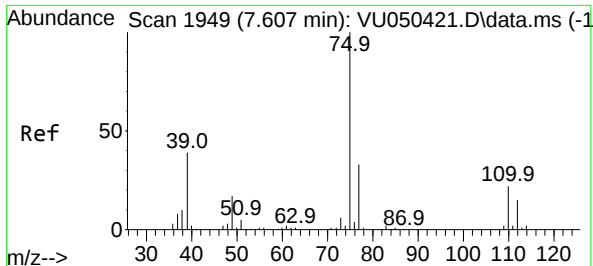
Tgt Ion: 63 Resp: 142253
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 48.935 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion: 83 Resp: 179088
Ion Ratio Lower Upper
83 100
85 63.4 46.2 85.8
127 8.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 49.482 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

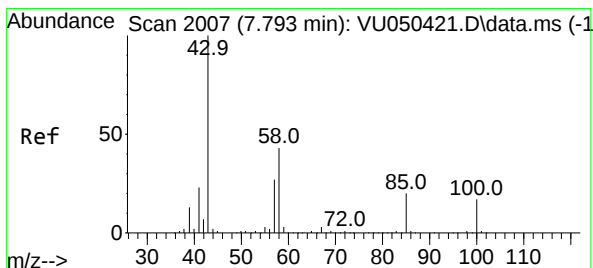
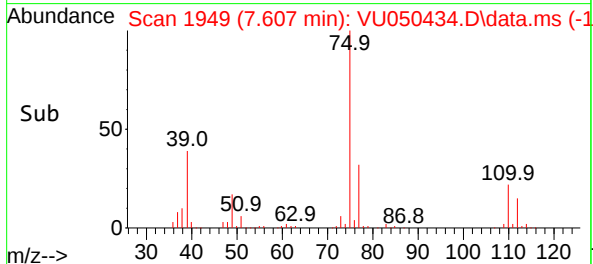
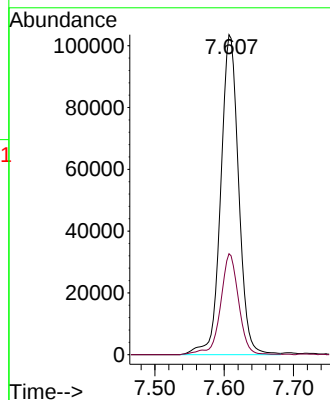
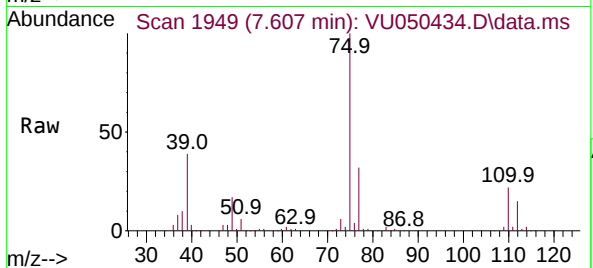
ClientSampleId :

Tgt Ion: 75 Resp: 186395

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 109.419 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

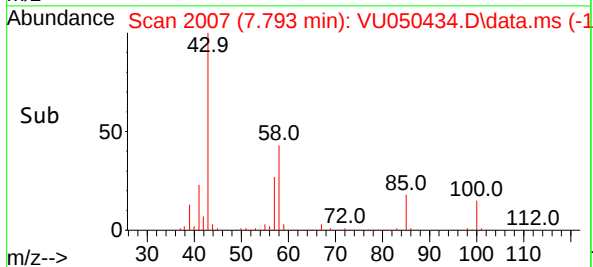
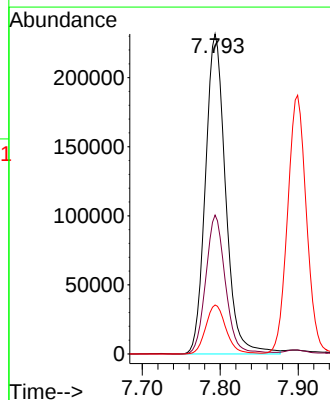
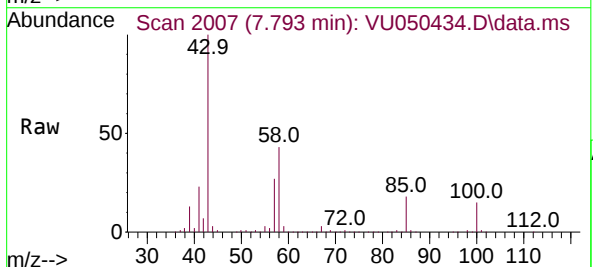
Tgt Ion: 43 Resp: 417097

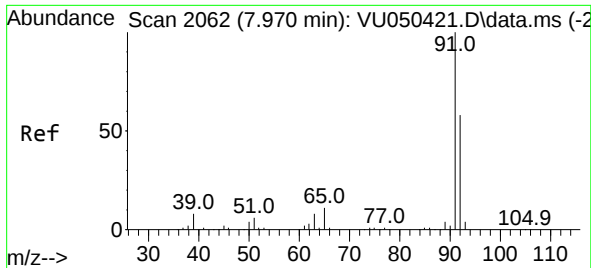
Ion Ratio Lower Upper

43 100

58 42.3 34.0 51.0

100 15.4 13.0 19.4





#42

Toluene

Concen: 51.527 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

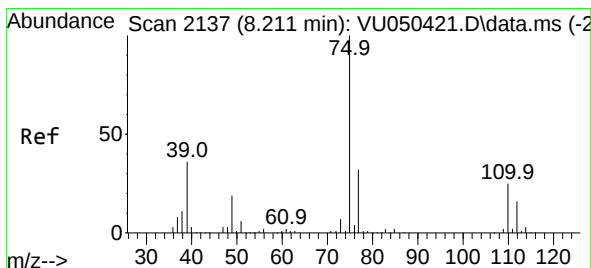
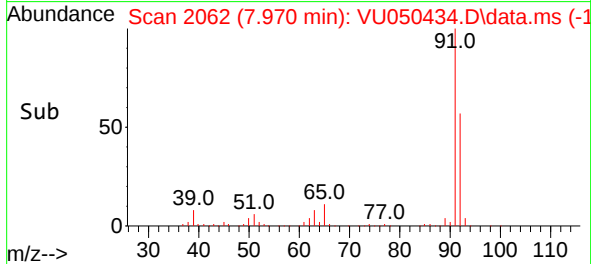
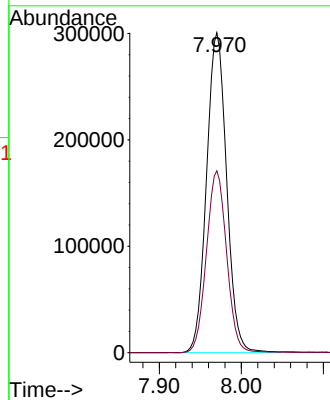
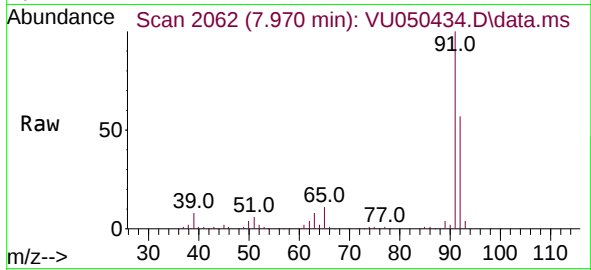
ClientSampleId :

Tgt Ion: 91 Resp: 512671

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 49.073 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050434.D

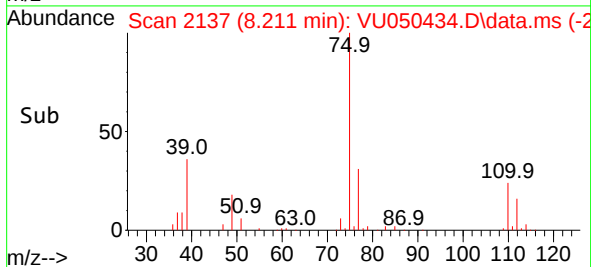
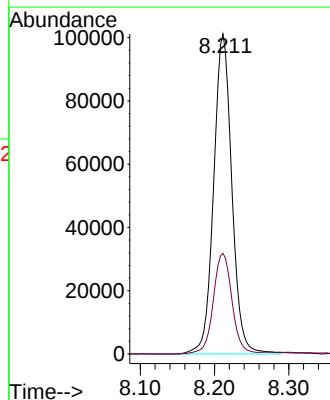
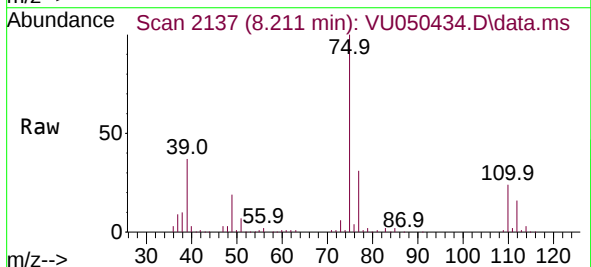
Acq: 24 Aug 2022 18:47

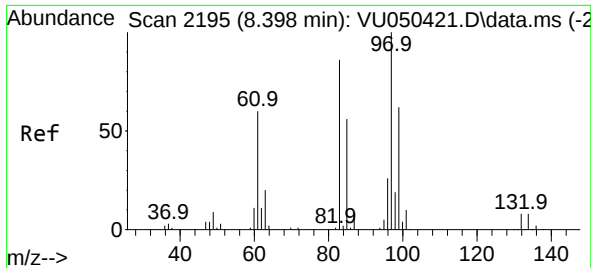
Tgt Ion: 75 Resp: 172306

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7



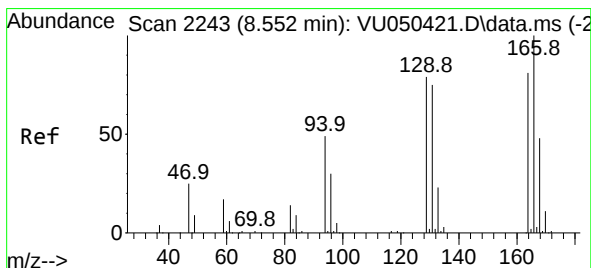
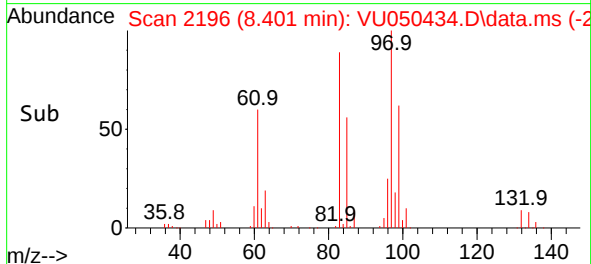
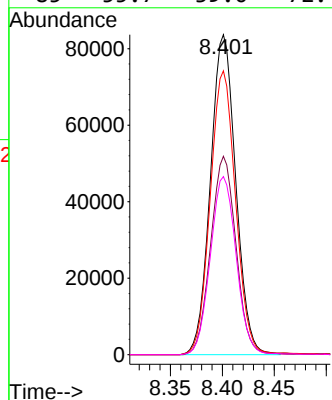
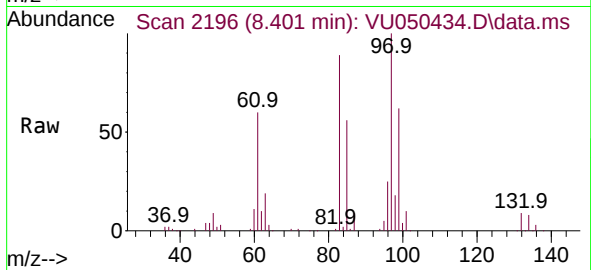


#45
1,1,2-Trichloroethane
Concen: 50.304 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 141989

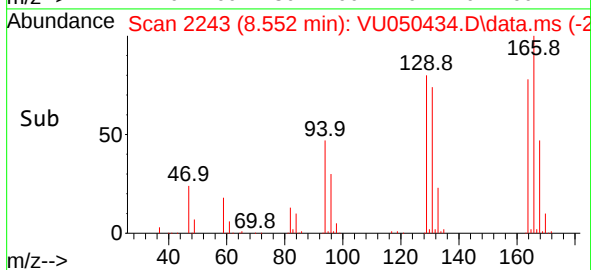
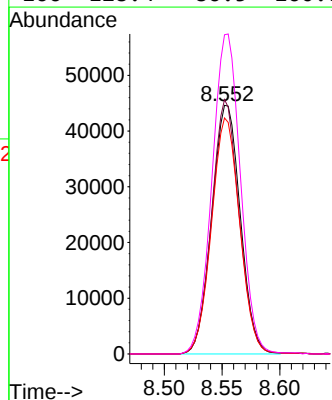
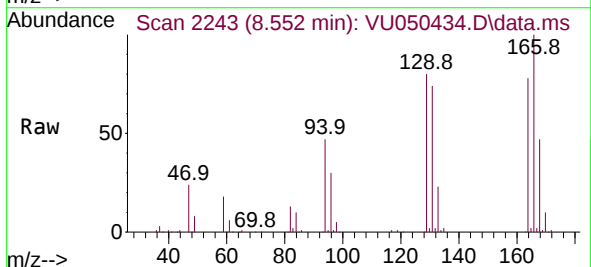
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.3
83	88.7	60.3	112.1
85	55.7	39.0	72.4

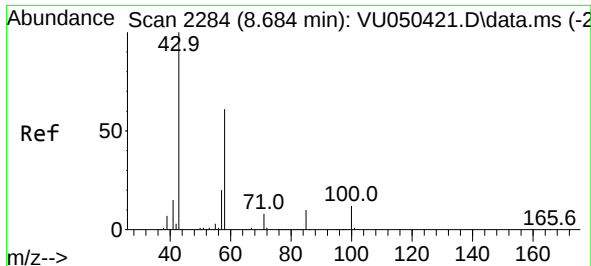


#46
Tetrachloroethene
Concen: 44.765 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion: 164 Resp: 76855

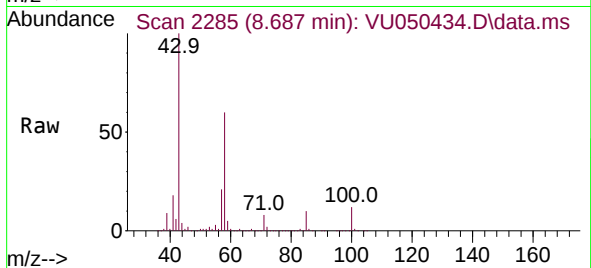
Ion	Ratio	Lower	Upper
164	100		
129	102.3	68.0	126.4
131	94.9	65.4	121.4
166	128.4	86.5	160.7



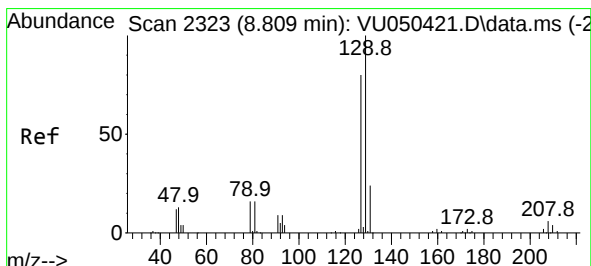
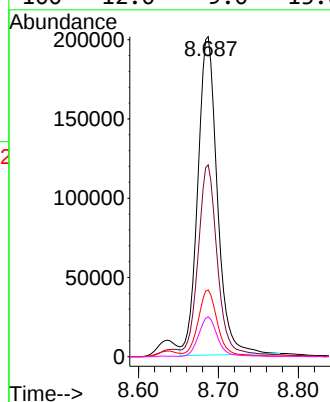
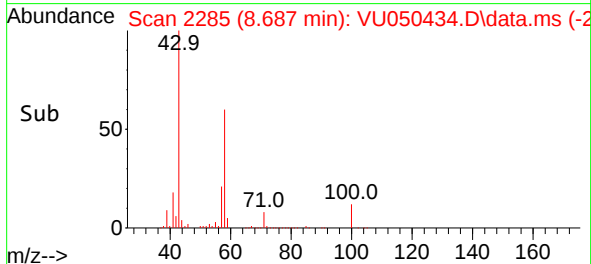


#48
2-Hexanone
Concen: 107.511 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :

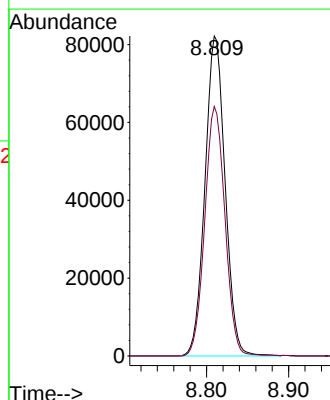
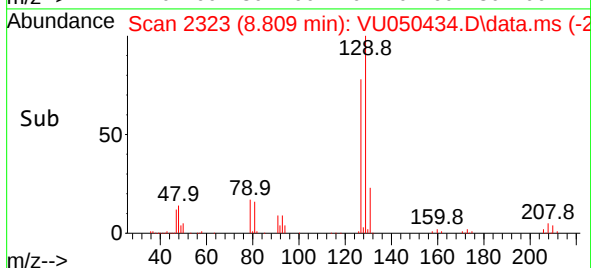
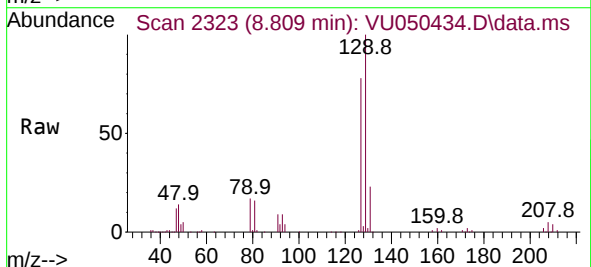


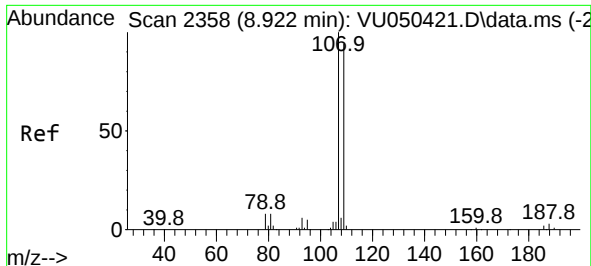
Tgt Ion: 43 Resp: 342251
Ion Ratio Lower Upper
43 100
58 61.2 47.9 71.9
57 20.7 15.4 23.0
100 12.0 9.0 13.6



#49
Dibromochloromethane
Concen: 47.891 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

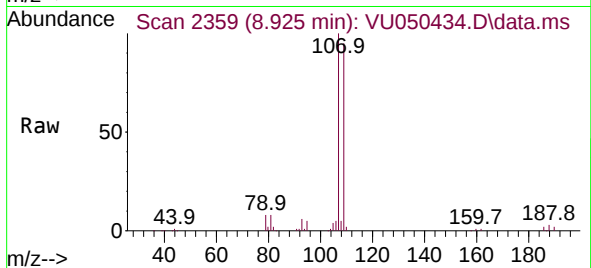
Tgt Ion: 129 Resp: 140024
Ion Ratio Lower Upper
129 100
127 78.0 55.9 103.7



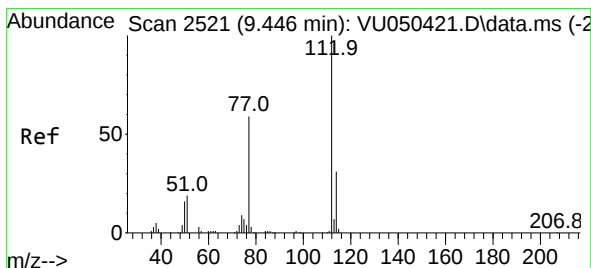
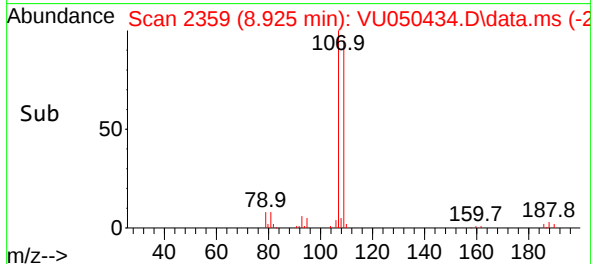
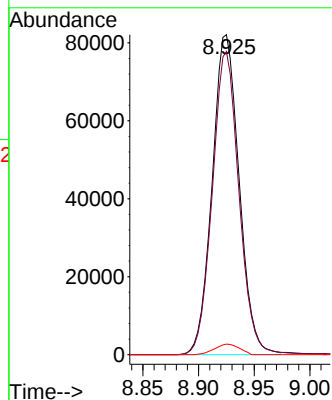


#50
1,2-Dibromoethane
Concen: 48.957 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :

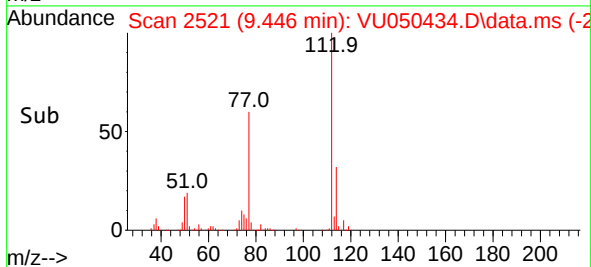
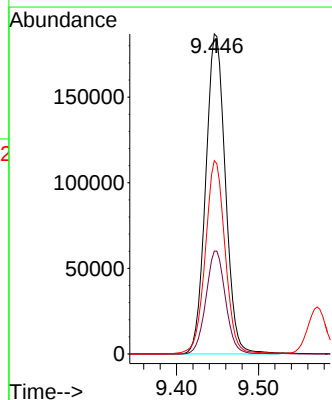
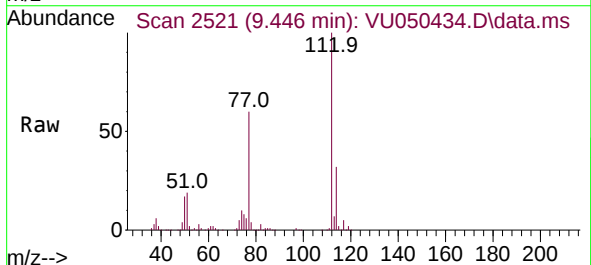


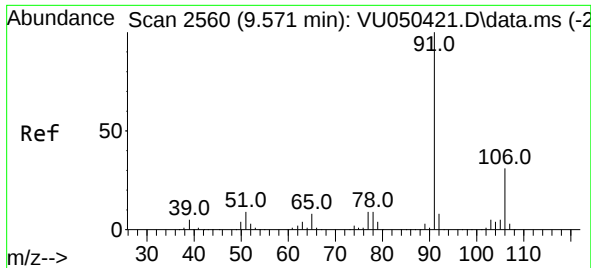
Tgt Ion:107 Resp: 138097
Ion Ratio Lower Upper
107 100
109 94.7 66.0 122.6
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 47.701 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion:112 Resp: 311459
Ion Ratio Lower Upper
112 100
114 32.2 21.8 40.6
77 60.4 47.6 71.4

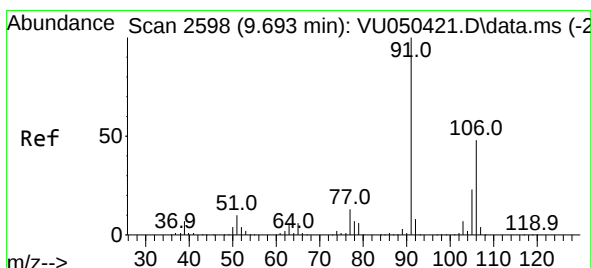
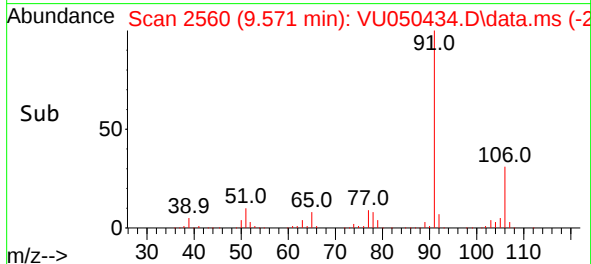
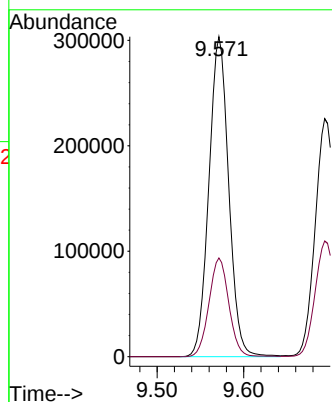
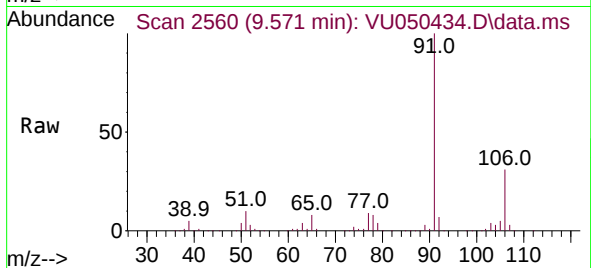




#52
Ethylbenzene
Concen: 48.047 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

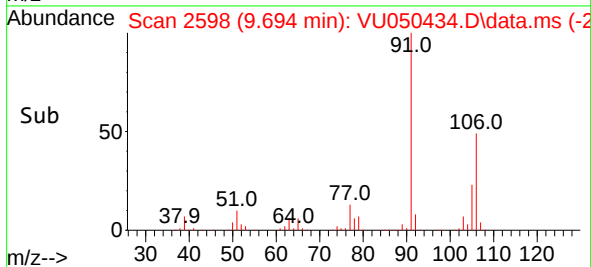
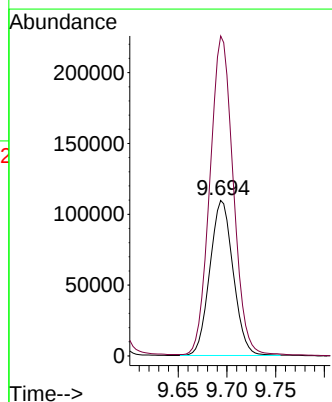
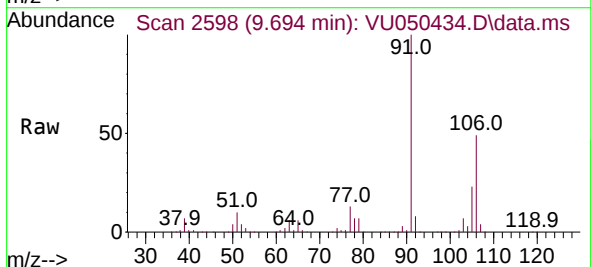
Instrument :
MSVOA_U
ClientSampleId :

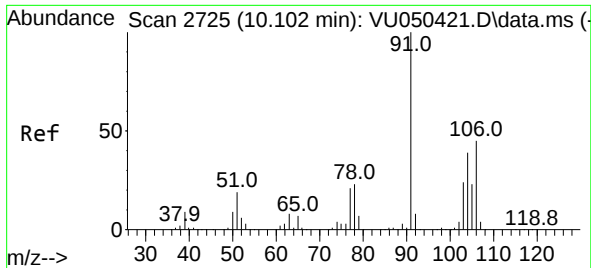
Tgt Ion: 91 Resp: 481810
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 48.624 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion: 106 Resp: 182091
Ion Ratio Lower Upper
106 100
91 205.8 145.9 270.9

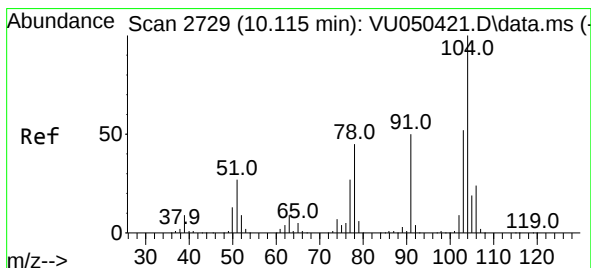
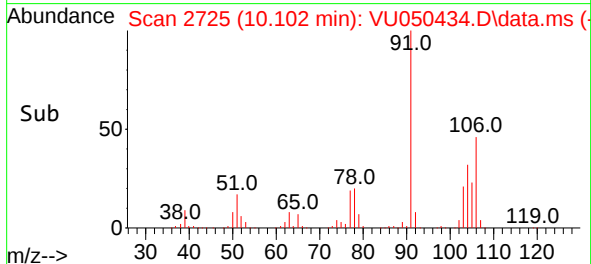
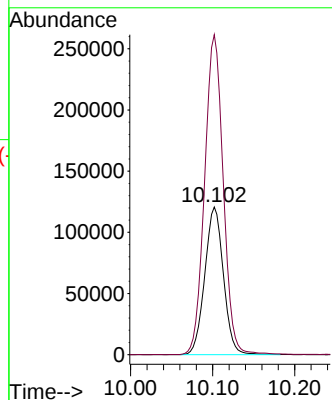
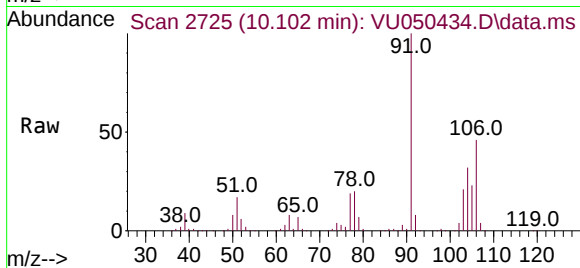




#54
o-Xylene
Concen: 51.226 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

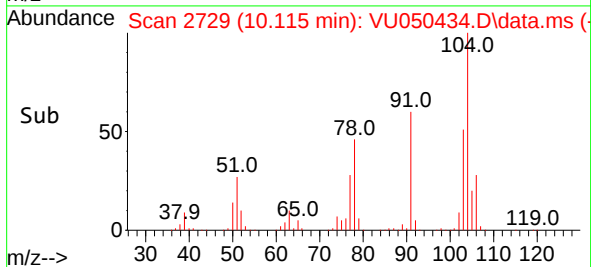
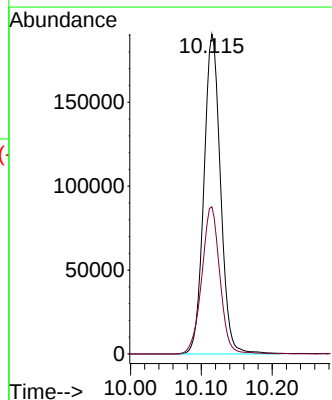
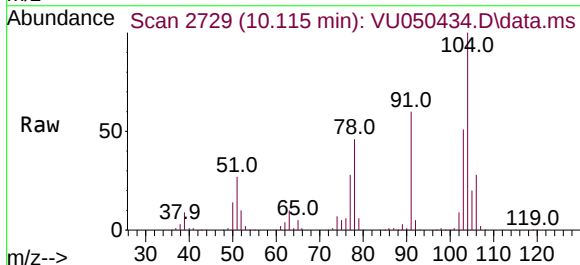
Instrument :
MSVOA_U
ClientSampleId :

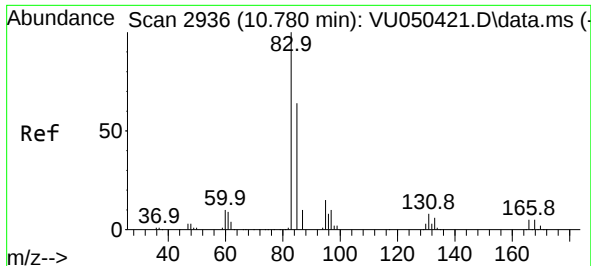
Tgt Ion:106 Resp: 190588
Ion Ratio Lower Upper
106 100
91 216.7 154.8 287.4



#55
Styrene
Concen: 49.181 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion:104 Resp: 311352
Ion Ratio Lower Upper
104 100
78 46.0 31.6 58.8

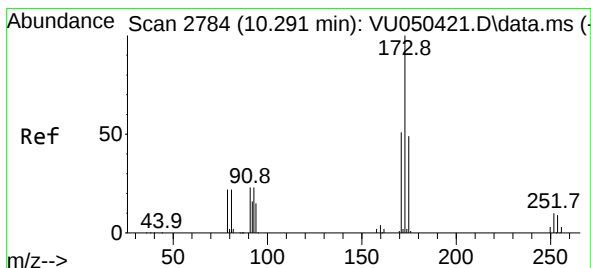
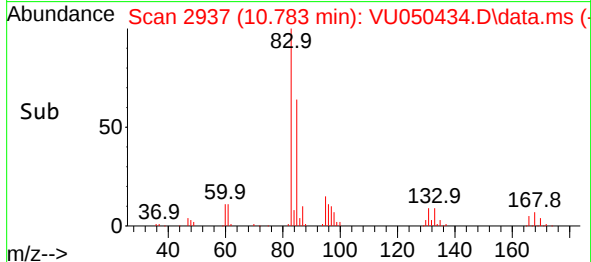
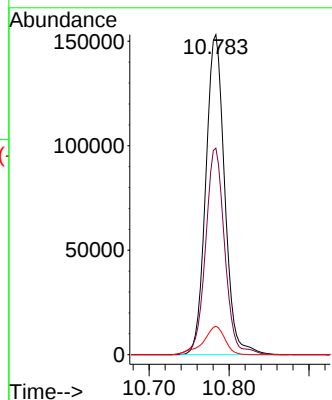
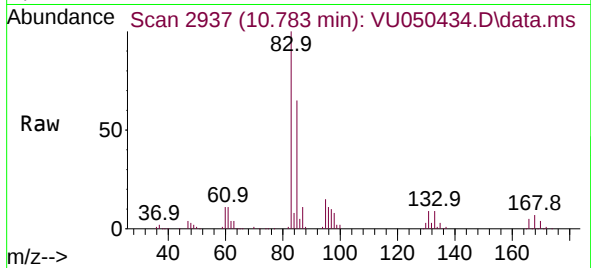




#57
 1,1,2,2-Tetrachloroethane
 Concen: 48.776 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. 0.003 min
 Lab File: VU050434.D
 Acq: 24 Aug 2022 18:47

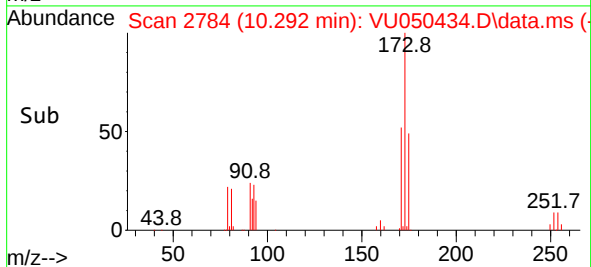
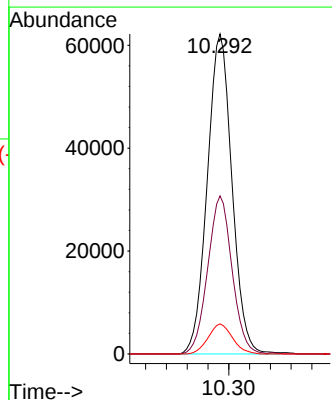
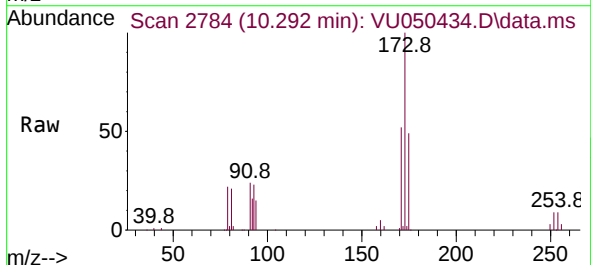
Instrument :
 MSVOA_U
 ClientSampleId :

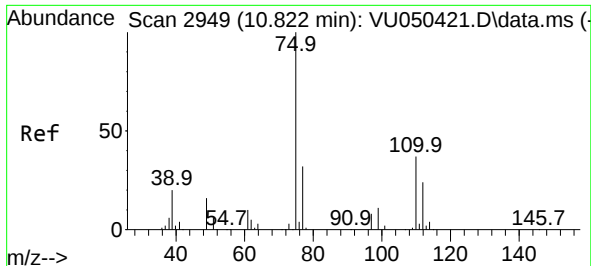
Tgt Ion: 83 Resp: 251566
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.4 84.2
 131 8.9 7.2 10.8



#59
 Bromoform
 Concen: 48.915 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. 0.000 min
 Lab File: VU050434.D
 Acq: 24 Aug 2022 18:47

Tgt Ion:173 Resp: 102475
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.4 57.6
 254 9.3 7.1 10.7

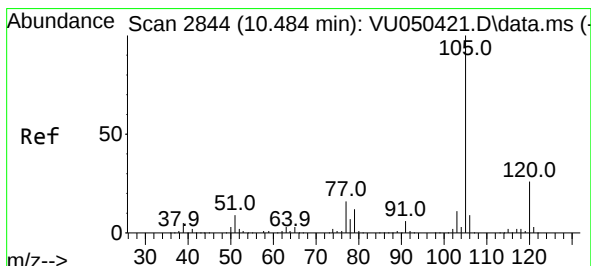
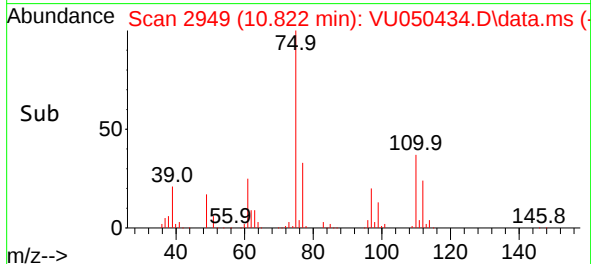
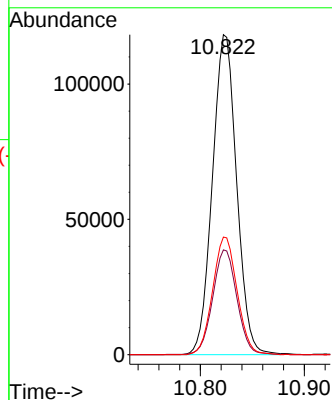
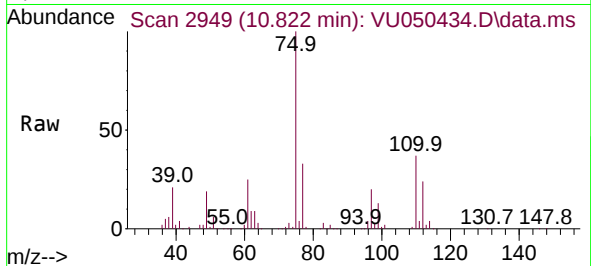




#60
1,2,3-Trichloropropane
Concen: 50.824 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

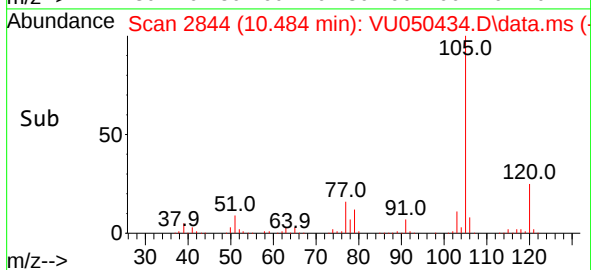
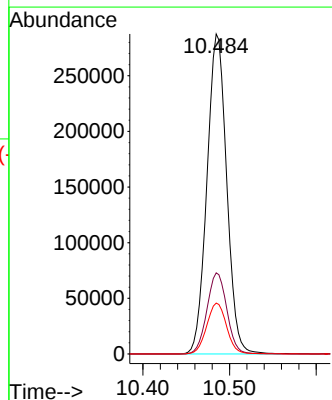
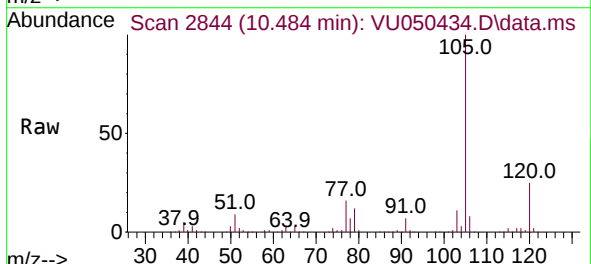
Instrument :
MSVOA_U
ClientSampleId :

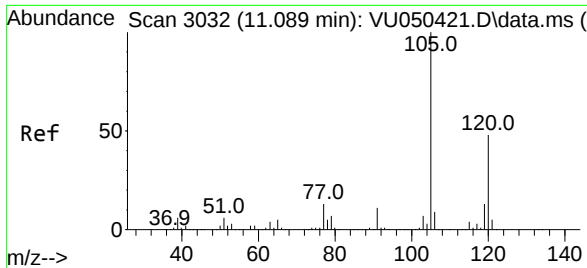
Tgt Ion: 75 Resp: 191601
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 37.1 29.0 43.4



#61
Isopropylbenzene
Concen: 50.289 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion: 105 Resp: 455045
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 16.1 12.5 18.7

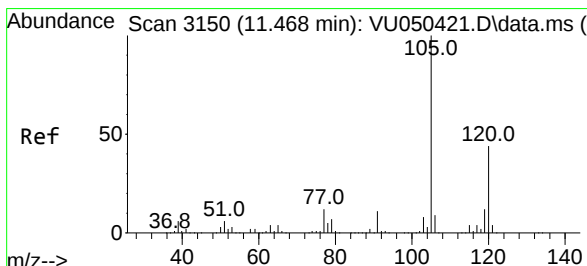
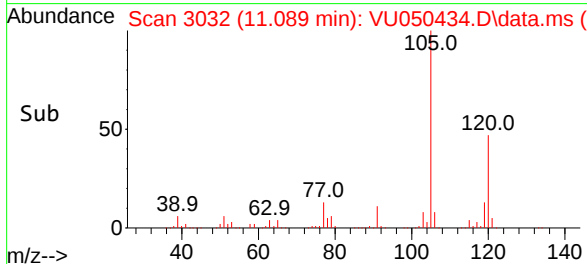
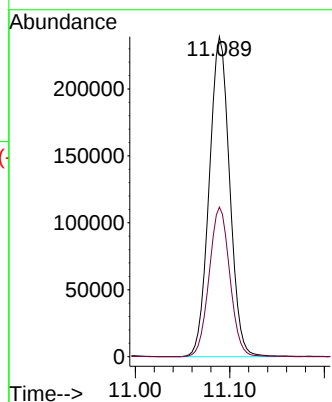
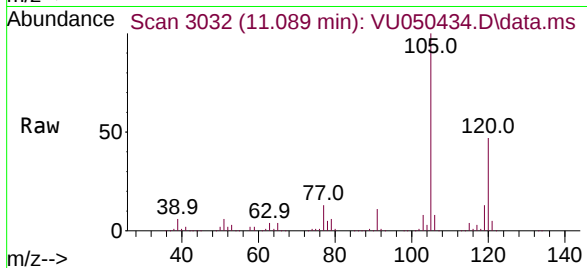




#62
1,3,5-Trimethylbenzene
Concen: 49.209 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

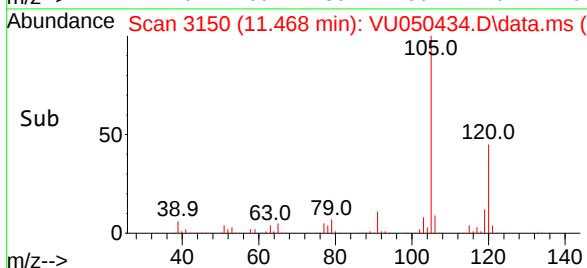
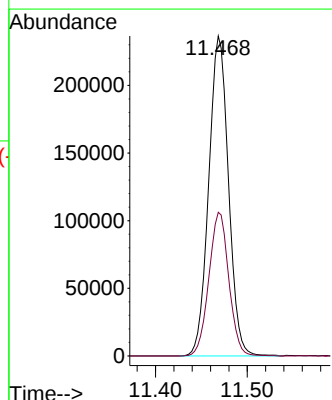
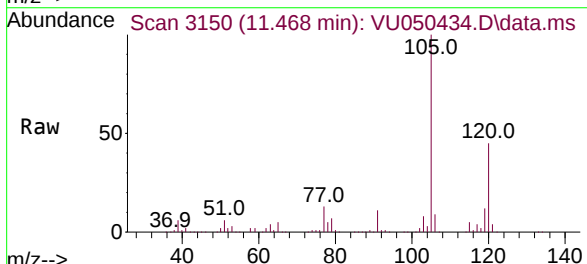
Instrument :
MSVOA_U
ClientSampleId :

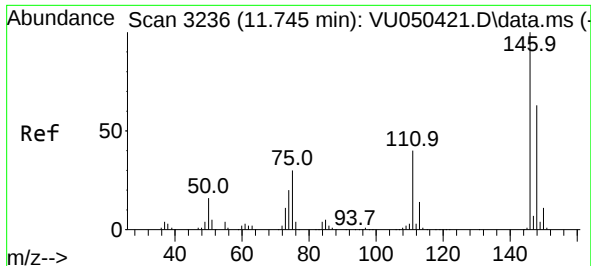
Tgt Ion:105 Resp: 359535
Ion Ratio Lower Upper
105 100
120 47.2 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 49.676 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion:105 Resp: 353999
Ion Ratio Lower Upper
105 100
120 45.3 35.3 52.9

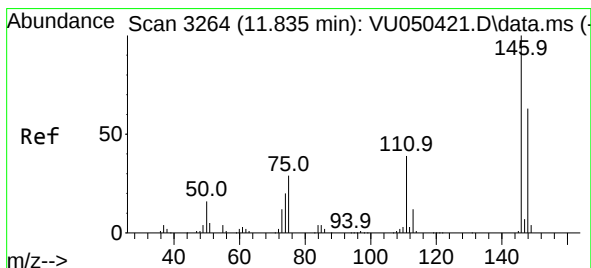
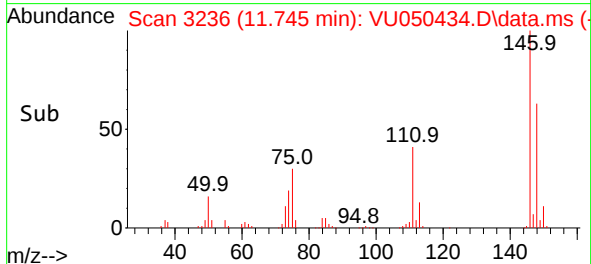
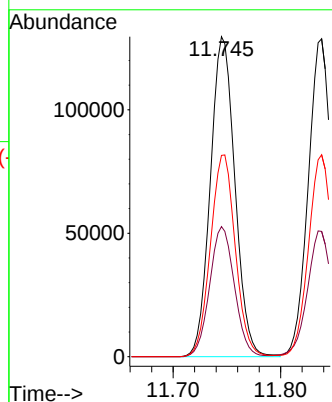
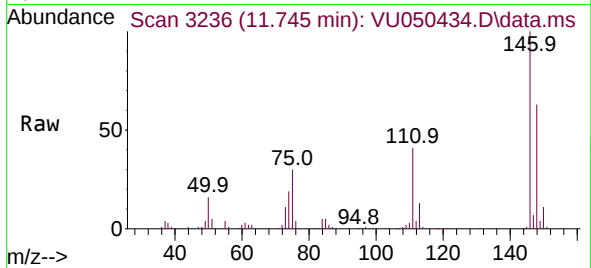




#64
1,3-Dichlorobenzene
Concen: 46.529 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

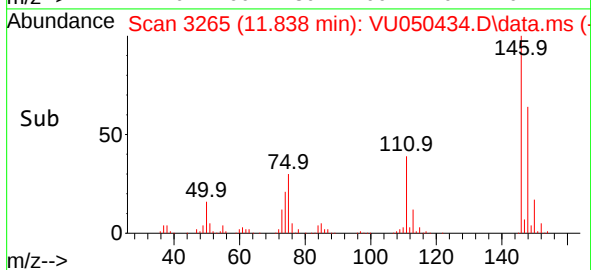
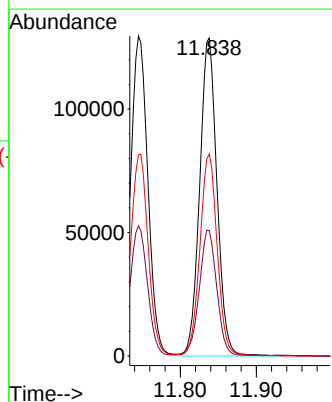
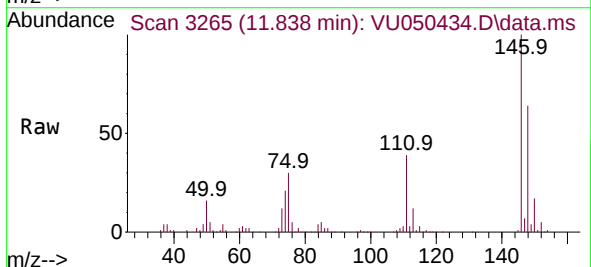
Instrument :
MSVOA_U
ClientSampleId :

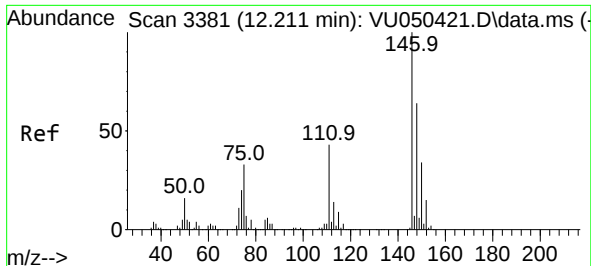
Tgt Ion:146 Resp: 205861
Ion Ratio Lower Upper
146 100
111 40.6 28.1 52.1
148 62.9 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 45.686 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion:146 Resp: 203564
Ion Ratio Lower Upper
146 100
111 39.4 27.6 51.2
148 63.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 48.739 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

Instrument :

MSVOA_U

ClientSampleId :

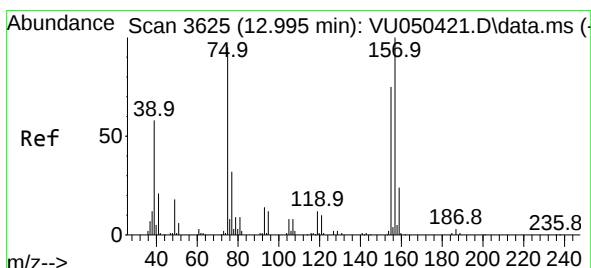
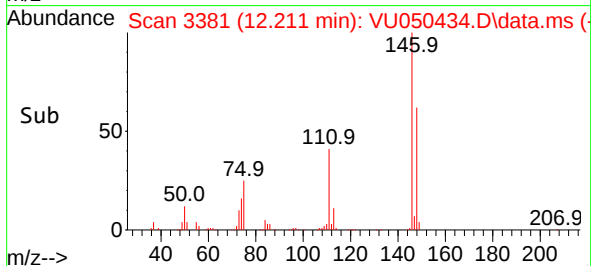
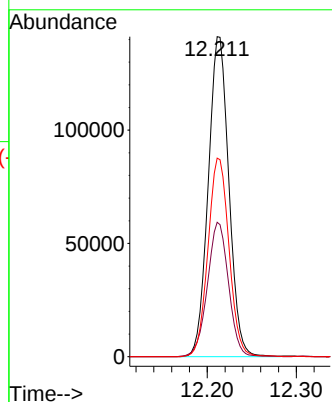
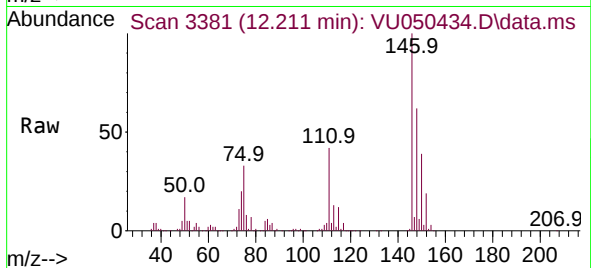
Tgt Ion:146 Resp: 226766

Ion Ratio Lower Upper

146 100

111 42.0 34.1 51.1

148 62.1 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 48.740 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050434.D

Acq: 24 Aug 2022 18:47

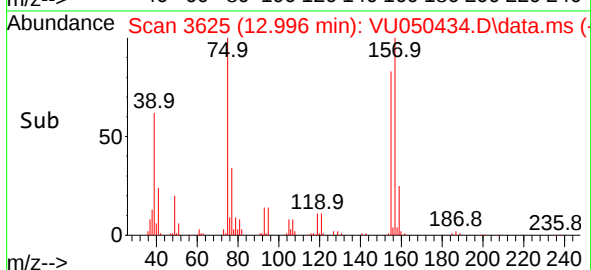
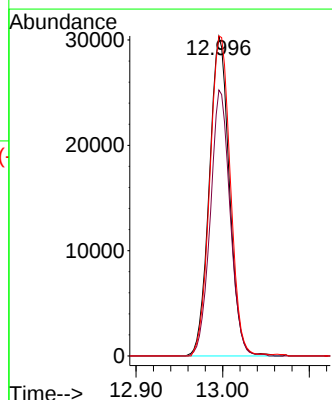
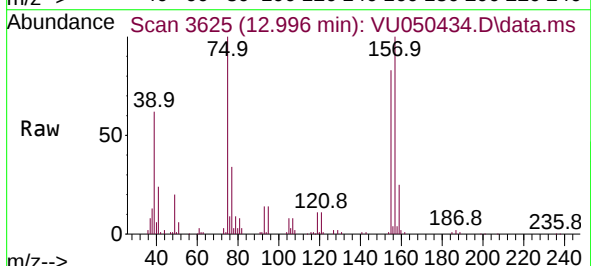
Tgt Ion: 75 Resp: 48834

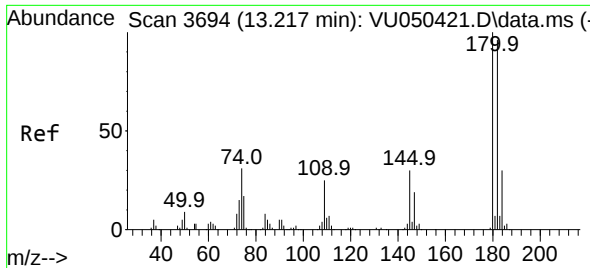
Ion Ratio Lower Upper

75 100

155 83.2 63.1 94.7

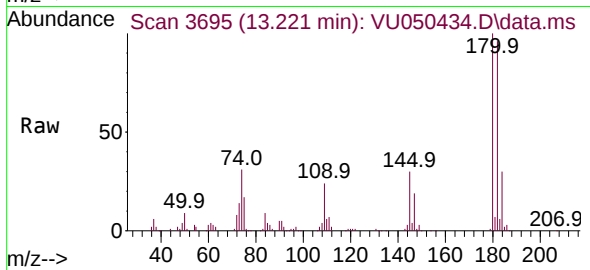
157 100.2 84.2 126.2



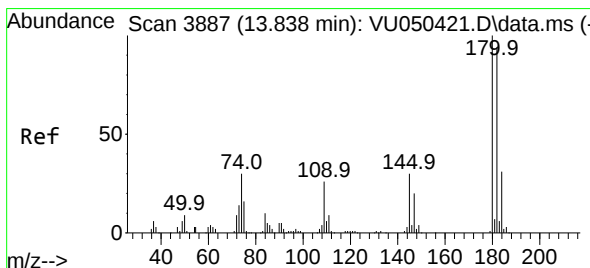
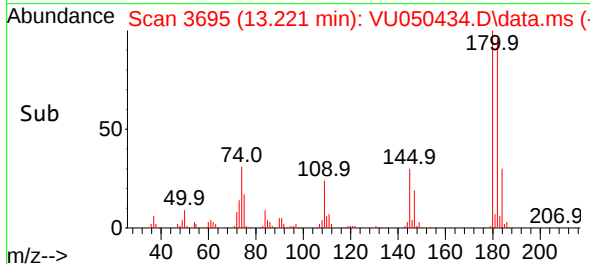
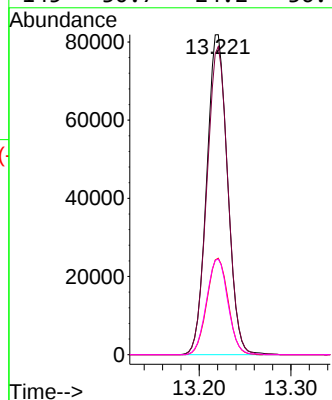


#69
 1,3,5-Trichlorobenzene
 Concen: 42.375 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU050434.D
 Acq: 24 Aug 2022 18:47

Instrument :
 MSVOA_U
 ClientSampleId :

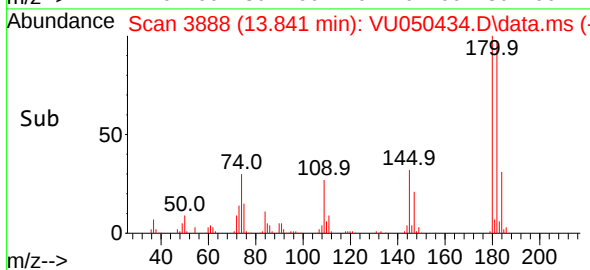
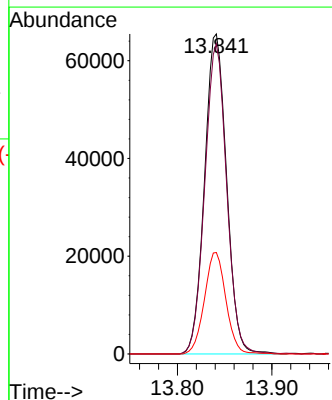
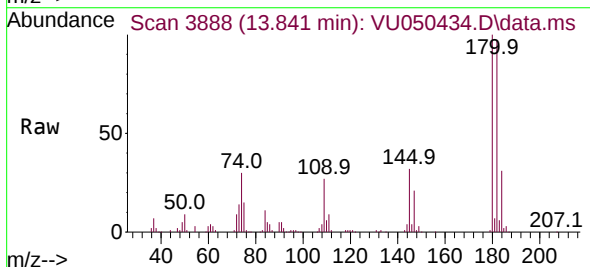


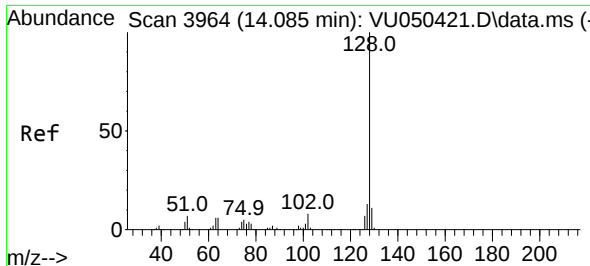
Tgt Ion:	180	Resp:	129234
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.0	115.6
184	30.6	24.1	36.1
145	30.7	24.2	36.4



#70
 1,2,4-trichlorobenzene
 Concen: 43.391 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050434.D
 Acq: 24 Aug 2022 18:47

Tgt Ion:	180	Resp:	105981
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.4	113.2
145	30.9	23.9	35.9

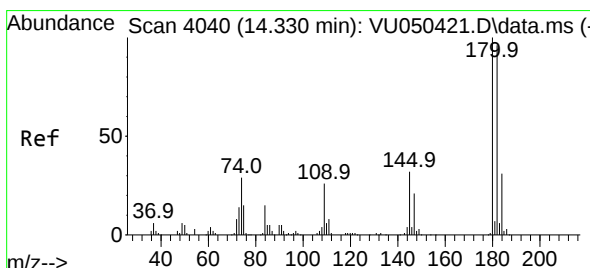
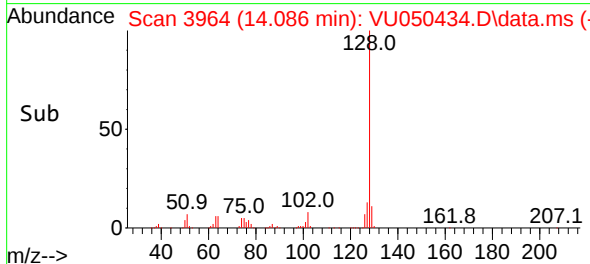
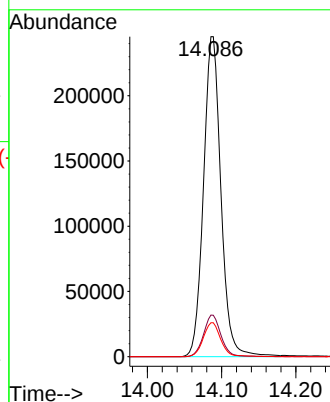
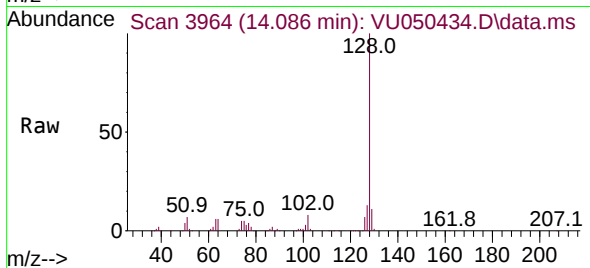




#71
Naphthalene
Concen: 49.962 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 400301
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 47.756 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050434.D
Acq: 24 Aug 2022 18:47

Tgt Ion:180 Resp: 127480
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 32.2 26.5 39.7

