

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020323\
 Data File : U052948.D
 Acq On : 03 Feb 2023 16:31
 Operator : JC/MD
 Sample : 01378-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 03 23:47:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 23:44:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	201090	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	198870	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103129	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58356	40.319	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.640%
7) Chloroethane-d5	1.913	69	58789	49.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.565	63	97038	33.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.420%
21) 2-Butanone-d5	4.623	46	74070	82.842	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.840%
24) Chloroform-d	5.057	84	150864	48.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
26) 1,2-Dichloroethane-d4	5.697	65	100656	51.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.060%
32) Benzene-d6	5.723	84	276911	45.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
36) 1,2-Dichloropropane-d6	6.684	67	84097	47.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.380%
41) Toluene-d8	7.893	98	243564	44.024	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.040%
43) trans-1,3-Dichloroprop...	8.176	79	40675	45.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.080%
47) 2-Hexanone-d5	8.629	63	46106	73.638	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.640%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	116998	44.439	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.880%
66) 1,2-Dichlorobenzene-d4	12.189	152	99566	49.721	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4241	2.252	ug/L	92
3) Chloromethane	1.520	50	4268	2.748	ug/L	99
5) Vinyl chloride	1.604	62	4257	2.478	ug/L #	72
6) Bromomethane	1.858	94	3257	3.006	ug/L	87
8) Chloroethane	1.932	64	2761	2.559	ug/L	97
9) Trichlorofluoromethane	2.138	101	7494	2.604	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	4803	2.961	ug/L	84
12) 1,1-Dichloroethene	2.578	96	4493	3.020	ug/L #	1
13) Acetone	2.639	43	4180	3.828	ug/L	95
14) Carbon disulfide	2.790	76	9483	2.111	ug/L #	95
15) Methyl Acetate	2.957	43	2756	1.873	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	3425	2.131	ug/L	90
18) Methyl tert-butyl Ether	3.359	73	10343	2.188	ug/L #	89
19) 1,1-Dichloroethane	3.871	63	6237	2.212	ug/L	97
20) cis-1,2-Dichloroethene	4.658	96	3825	2.229	ug/L	84
22) 2-Butanone	4.716	43	3377	2.893	ug/L	81
23) Bromochloromethane	4.967	128	1289	1.337	ug/L #	77
25) Chloroform	5.083	83	8192	2.588	ug/L	83
27) 1,2-Dichloroethane	5.793	62	6319	2.522	ug/L #	91

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

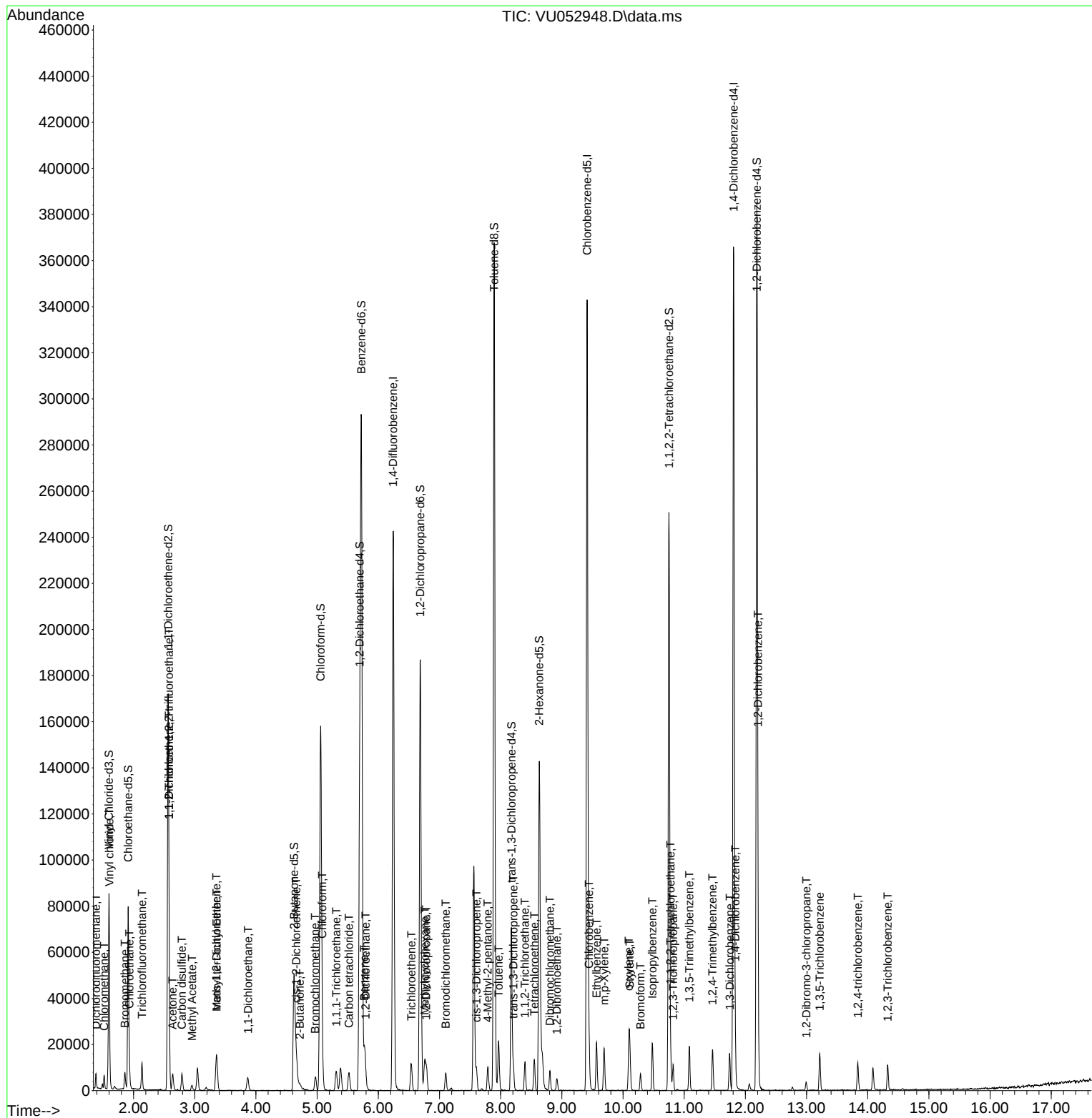
30) 1,1,1-Trichloroethane	5.314	97	6907	2.361	ug/L	99
31) Carbon tetrachloride	5.520	117	5703	2.249	ug/L	95
33) Benzene	5.771	78	14852	2.194	ug/L	100
34) Trichloroethene	6.543	95	3873	2.251	ug/L	94
35) Methylcyclohexane	6.758	83	5359	1.968	ug/L	97
37) 1,2-Dichloropropane	6.784	63	3656	2.197	ug/L #	96
38) Bromodichloromethane	7.102	83	5468	2.239	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	5569	2.136	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	6765	3.450	ug/L	97
42) Toluene	7.967	91	15655	2.256	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	5580	2.178	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	4131	2.427	ug/L	91
46) Tetrachloroethene	8.552	164	3638	2.455	ug/L	84
49) Dibromochloromethane	8.806	129	4658	2.289	ug/L	96
50) 1,2-Dibromoethane	8.919	107	3916	2.138	ug/L #	97
51) Chlorobenzene	9.443	112	11819	2.476	ug/L	95
52) Ethylbenzene	9.568	91	15203	2.050	ug/L	95
53) m,p-Xylene	9.694	106	5352	1.783	ug/L	100
54) o-xylene	10.095	106	5999	2.094	ug/L	84
55) Styrene	10.108	104	8952	1.821	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	6174	2.242	ug/L	95
59) Bromoform	10.285	173	3279	2.320	ug/L #	97
60) 1,2,3-Trichloropropane	10.819	75	4613	2.306	ug/L	99
61) Isopropylbenzene	10.478	105	13229	1.986	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	10420	1.879	ug/L	95
63) 1,2,4-Trimethylbenzene	11.462	105	10091	1.880	ug/L	95
64) 1,3-Dichlorobenzene	11.745	146	7307	2.174	ug/L	91
65) 1,4-Dichlorobenzene	11.835	146	8597	2.471	ug/L	97
67) 1,2-Dichlorobenzene	12.205	146	10894	3.205	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	1208	2.107	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.218	180	5557	2.234	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	4355	2.088	ug/L	91
72) 1,2,3-Trichlorobenzene	14.327	180	4292	1.947	ug/L	96

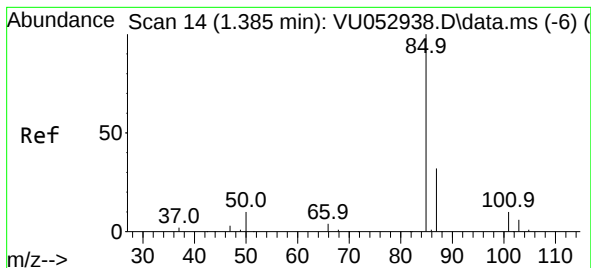
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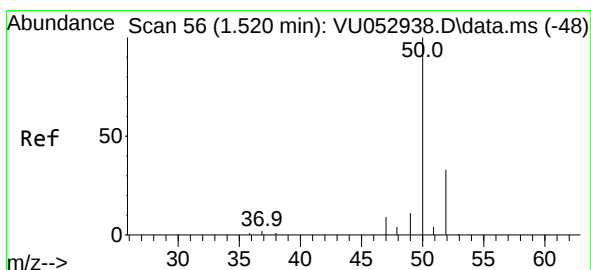
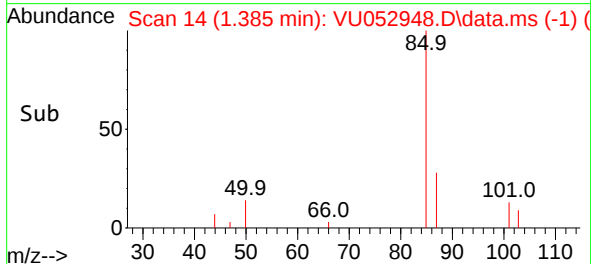
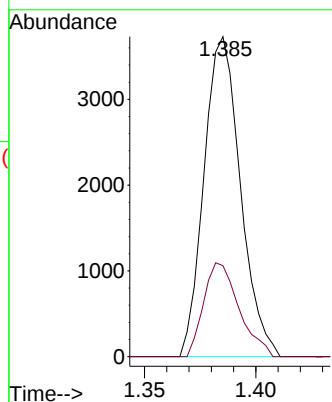
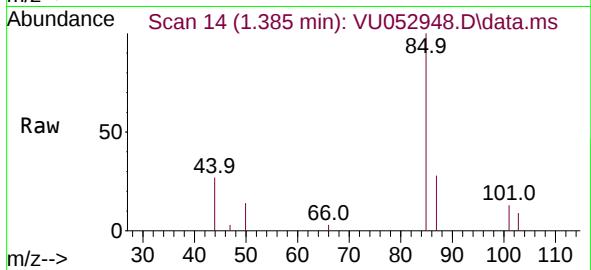




#2
Dichlorodifluoromethane
Concen: 2.252 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

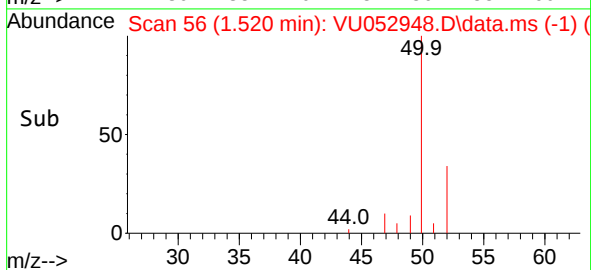
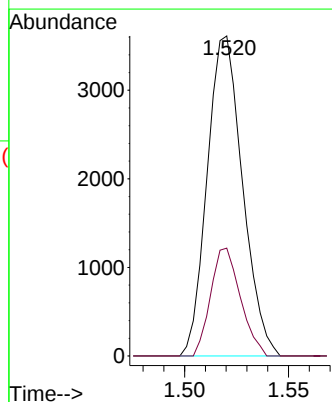
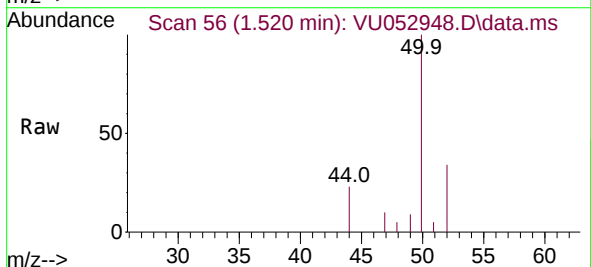
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ClientSampleId :

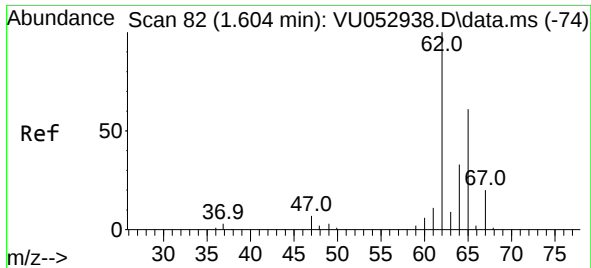
Tgt Ion: 85 Resp: 4241
Ion Ratio Lower Upper
85 100
87 28.5 26.4 39.6



#3
Chloromethane
Concen: 2.748 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

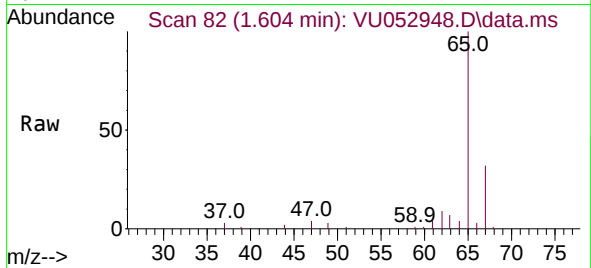
Tgt Ion: 50 Resp: 4268
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.4



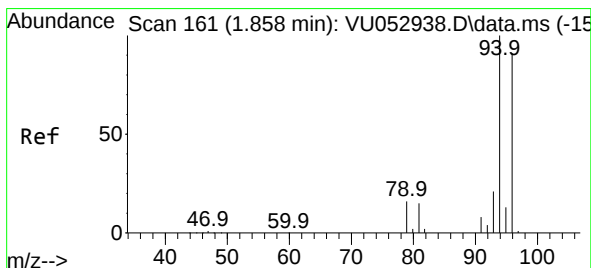
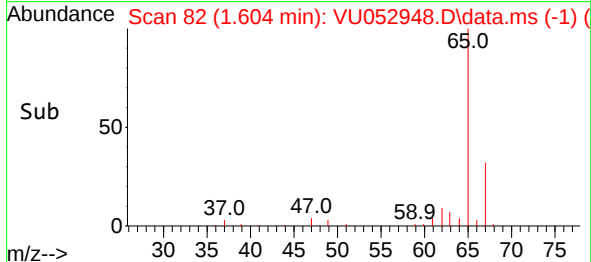
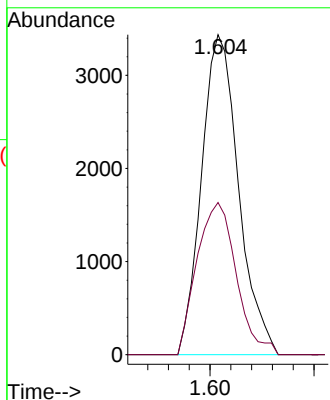


#5
 Vinyl chloride
 Concen: 2.478 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052948.D
 Acq: 03 Feb 2023 16:31

Instrument :
 MSVOA_U
 ClientSampleId :

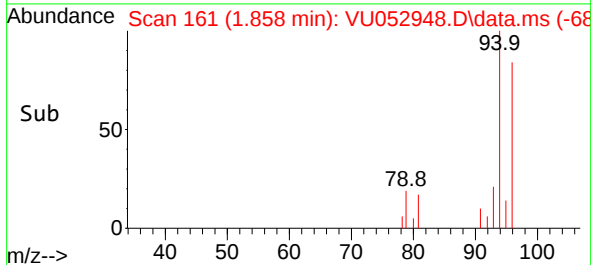
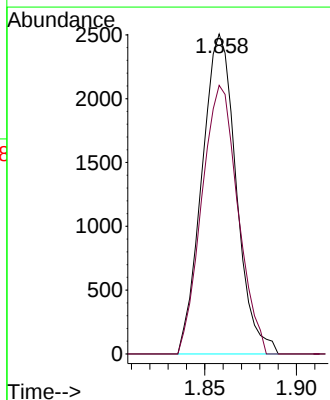
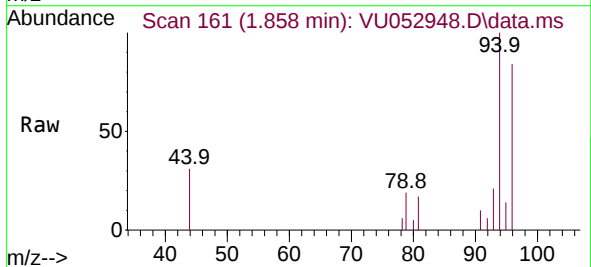


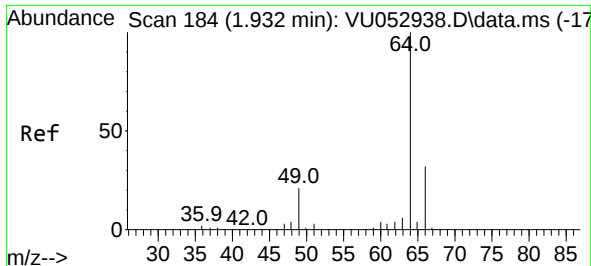
Tgt Ion: 62 Resp: 4257
 Ion Ratio Lower Upper
 62 100
 64 47.5 22.4 41.6#



#6
 Bromomethane
 Concen: 3.006 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU052948.D
 Acq: 03 Feb 2023 16:31

Tgt Ion: 94 Resp: 3257
 Ion Ratio Lower Upper
 94 100
 96 84.0 67.8 125.8

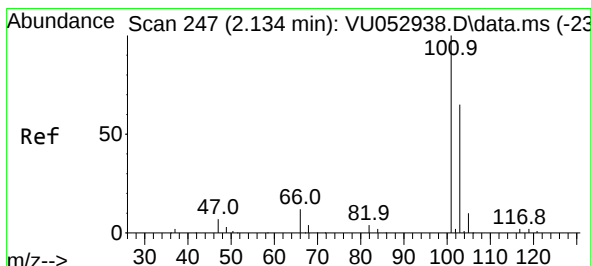
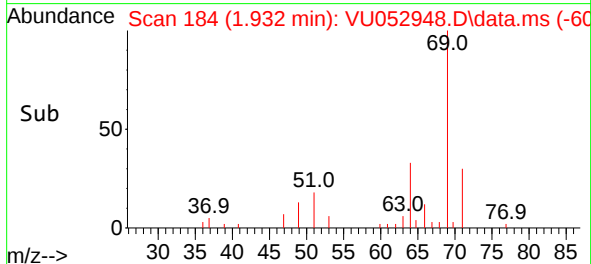
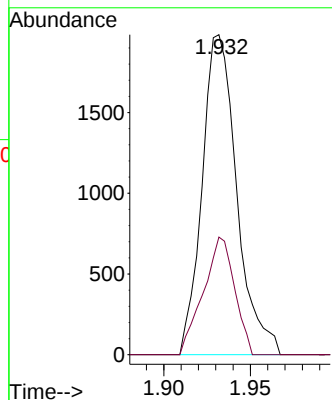
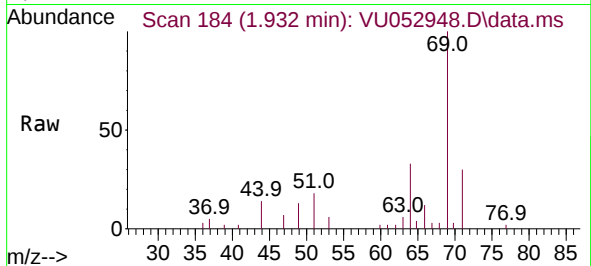




#8
Chloroethane
Concen: 2.559 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

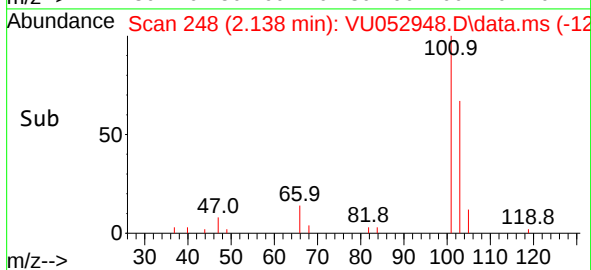
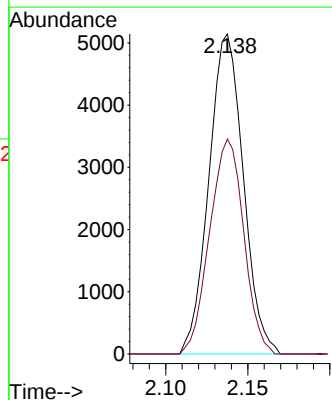
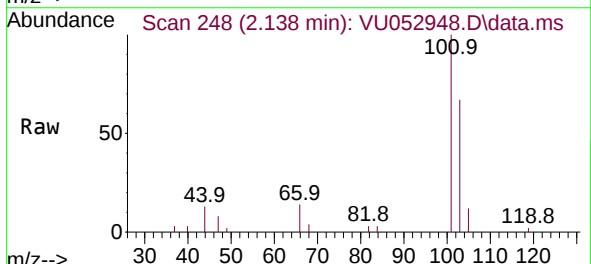
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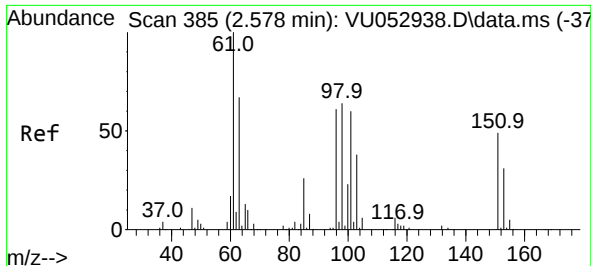
Tgt Ion: 64 Resp: 2761
Ion Ratio Lower Upper
64 100
66 32.6 24.1 44.7



#9
Trichlorofluoromethane
Concen: 2.604 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion:101 Resp: 7494
Ion Ratio Lower Upper
101 100
103 66.5 52.0 78.0

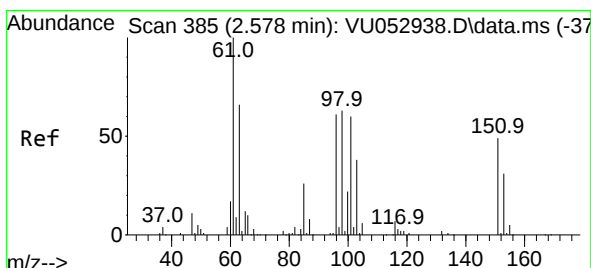
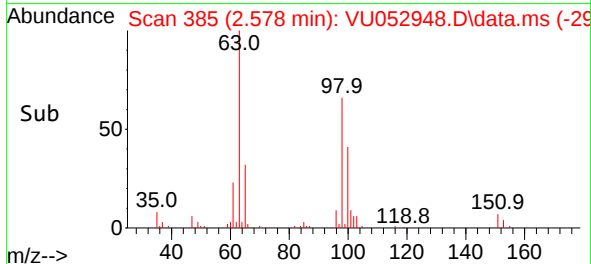
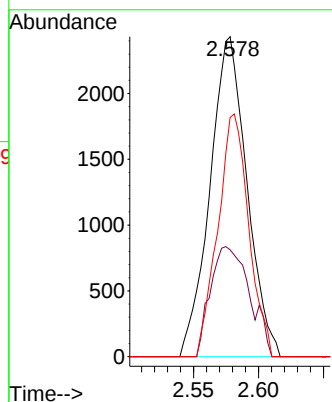
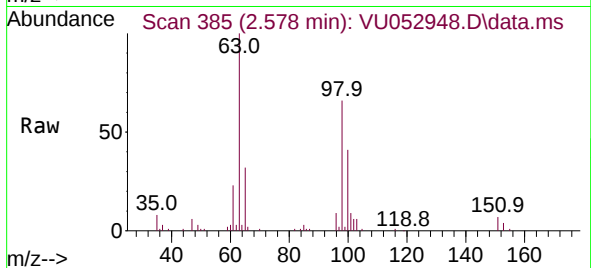




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.961 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052948.D
 Acq: 03 Feb 2023 16:31

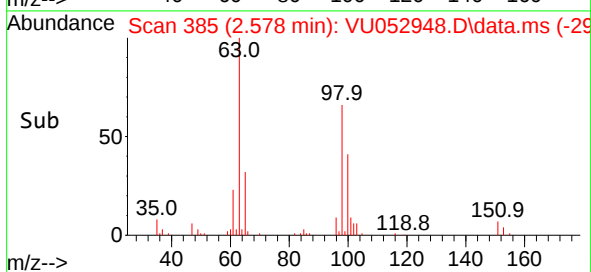
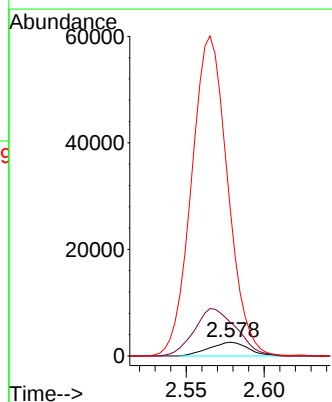
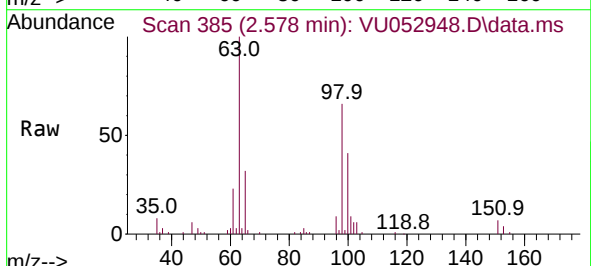
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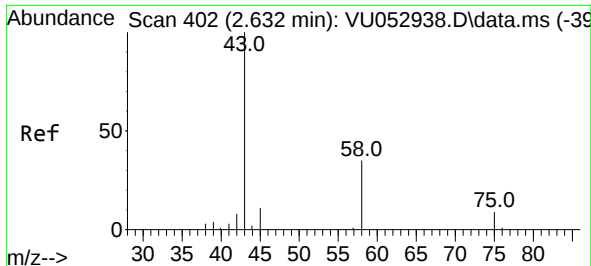
Tgt Ion:	101	Resp:	4803
Ion	Ratio	Lower	Upper
101	100		
85	33.3	32.9	49.3
151	63.4	62.6	94.0



#12
 1,1-Dichloroethene
 Concen: 3.020 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052948.D
 Acq: 03 Feb 2023 16:31

Tgt Ion:	96	Resp:	4493
Ion	Ratio	Lower	Upper
96	100		
61	246.4	114.3	212.3#
63	1077.0	80.6	149.6#





#13

Acetone

Concen: 3.828 ug/L

RT: 2.639 min Scan# 402

Delta R.T. 0.007 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Instrument :

MSVOA_U

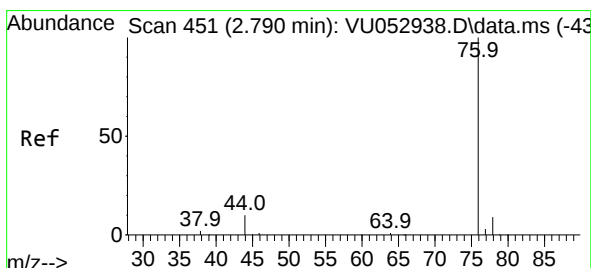
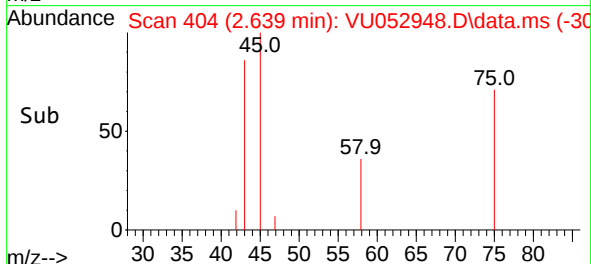
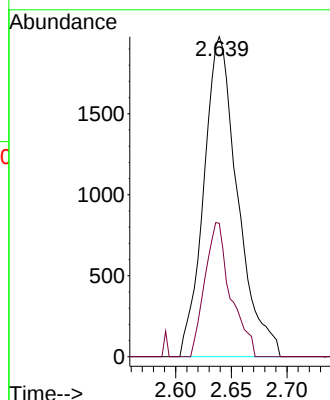
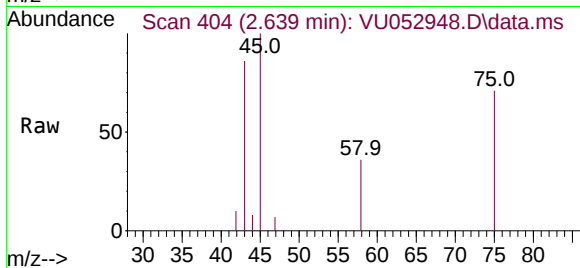
ClientSampleId :

Tgt Ion: 43 Resp: 4180

Ion Ratio Lower Upper

43 100

58 31.9 0.0 70.2



#14

Carbon disulfide

Concen: 2.111 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU052948.D

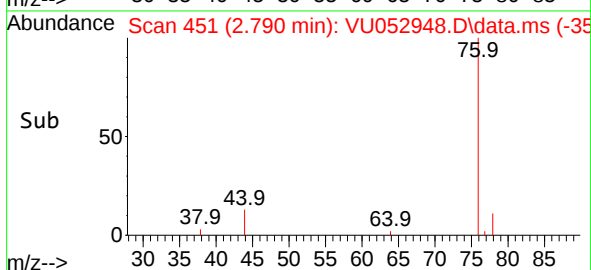
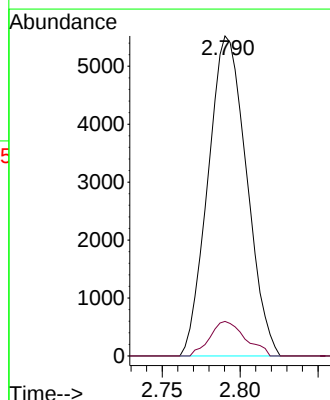
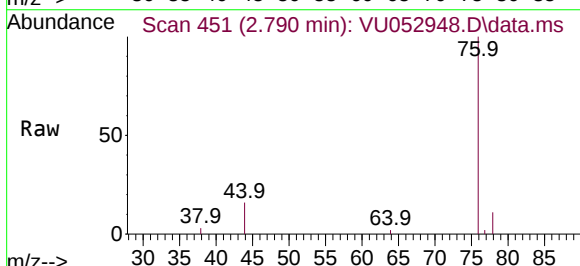
Acq: 03 Feb 2023 16:31

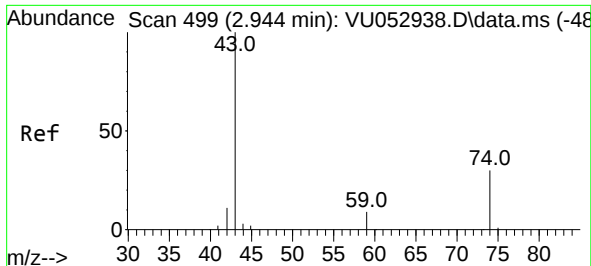
Tgt Ion: 76 Resp: 9483

Ion Ratio Lower Upper

76 100

78 10.8 7.1 10.7#

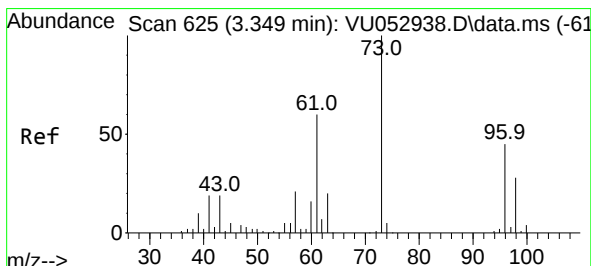
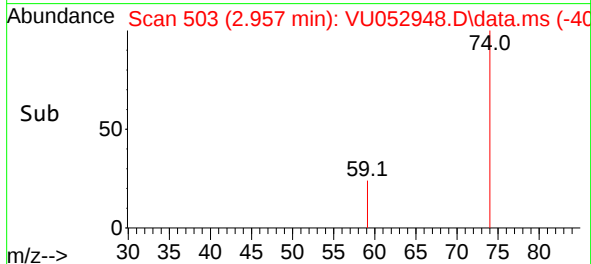
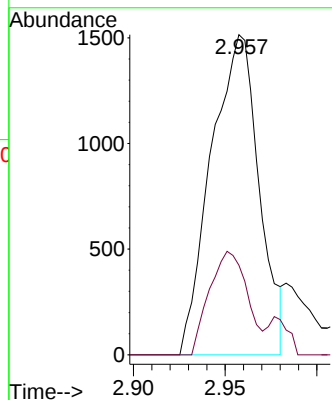
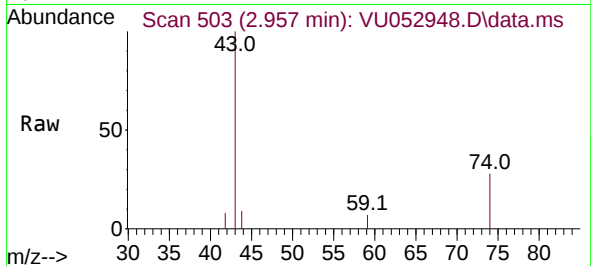




#15
Methyl Acetate
Concen: 1.873 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.013 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

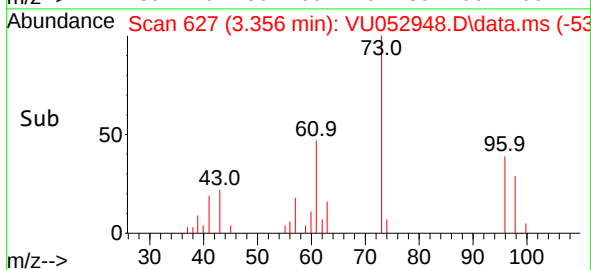
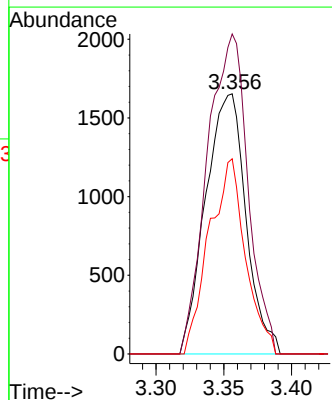
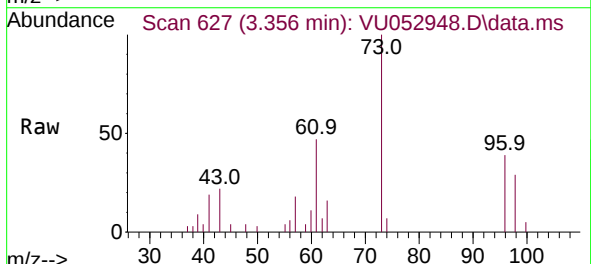
Instrument :
MSVOA_U
ClientSampleId :

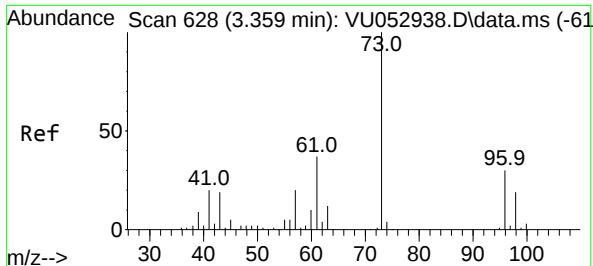
Tgt Ion: 43 Resp: 2756
Ion Ratio Lower Upper
43 100
74 25.7 22.0 33.0



#17
trans-1,2-Dichloroethene
Concen: 2.131 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.007 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

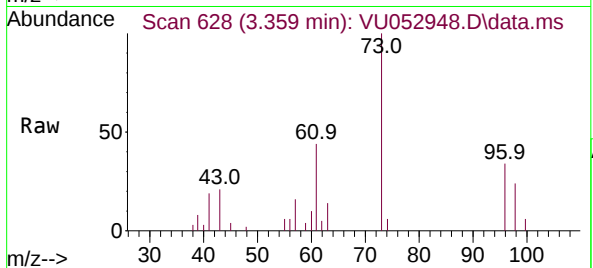
Tgt Ion: 96 Resp: 3425
Ion Ratio Lower Upper
96 100
61 123.0 92.7 172.3
98 75.0 44.7 82.9



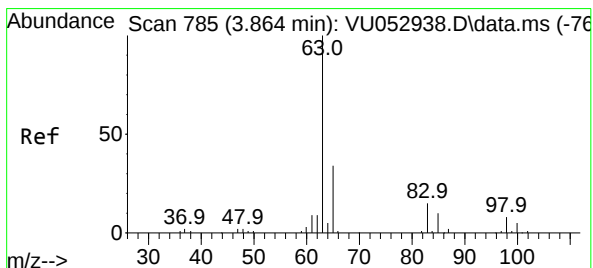
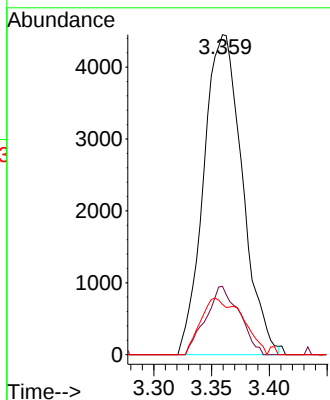
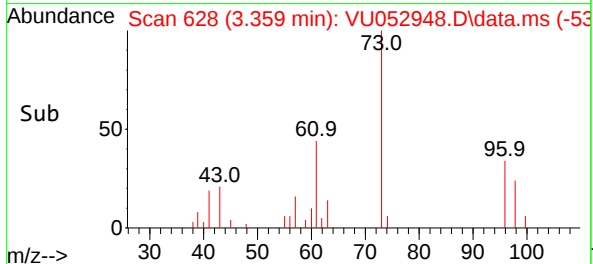


#18
Methyl tert-butyl Ether
Concen: 2.188 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

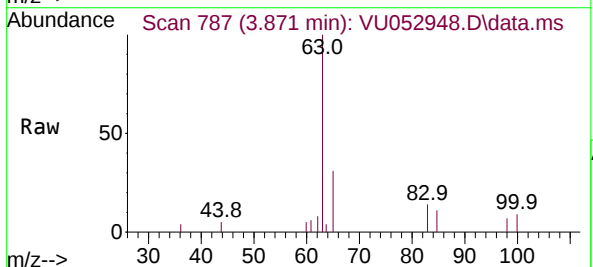
Instrument :
MSVOA_U
ClientSampleId :



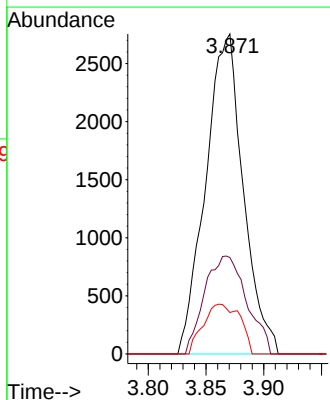
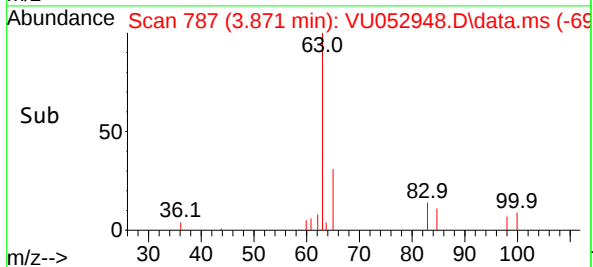
Tgt Ion: 73 Resp: 10343
Ion Ratio Lower Upper
73 100
43 18.6 14.2 21.2
57 11.3 16.3 24.5#

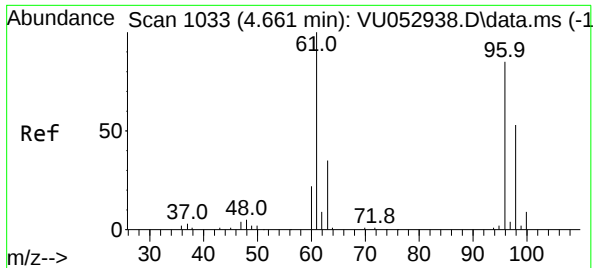


#19
1,1-Dichloroethane
Concen: 2.212 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.007 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31



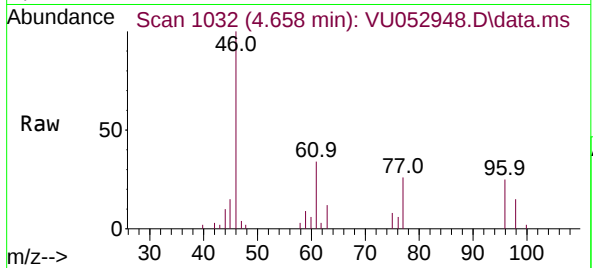
Tgt Ion: 63 Resp: 6237
Ion Ratio Lower Upper
63 100
65 30.2 22.4 41.6
83 13.0 9.2 17.2



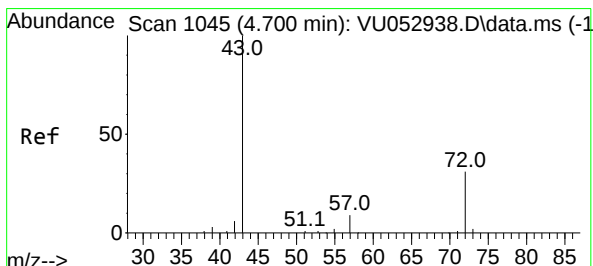
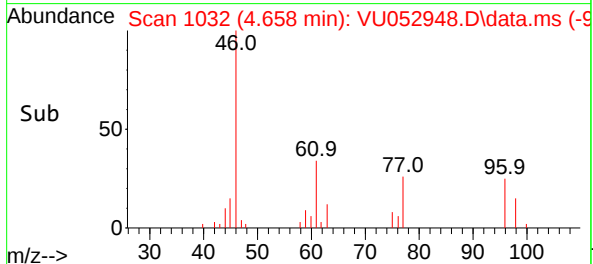
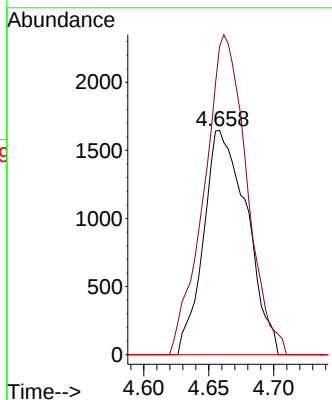


#20
 cis-1,2-Dichloroethene
 Concen: 2.229 ug/L
 RT: 4.658 min Scan# 1032
 Delta R.T. -0.003 min
 Lab File: VU052948.D
 Acq: 03 Feb 2023 16:31

Instrument :
 MSVOA_U
 ClientSampleId :

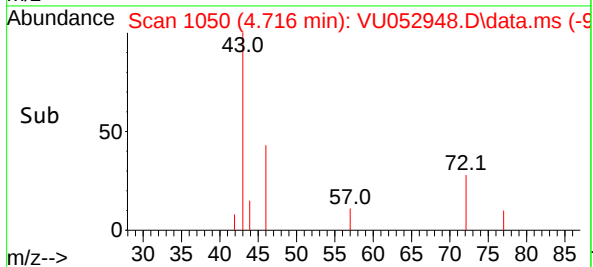
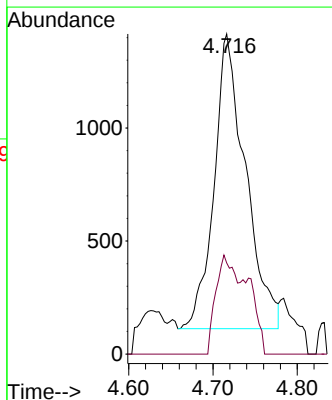
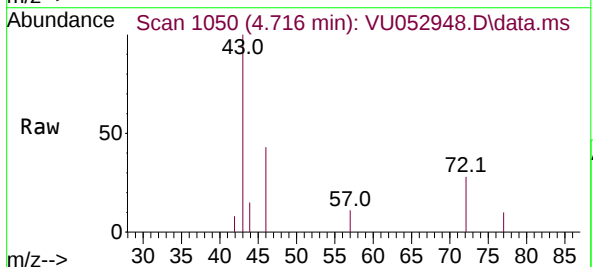


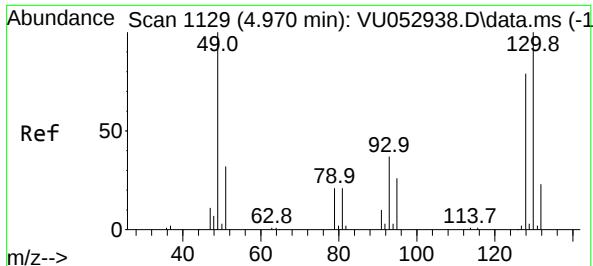
Tgt Ion: 96	Resp: 3825
Ion Ratio	Lower Upper
96 100	
61 137.5	84.1 156.1
68 0.0	0.0 0.0



#22
 2-Butanone
 Concen: 2.893 ug/L
 RT: 4.716 min Scan# 1050
 Delta R.T. 0.016 min
 Lab File: VU052948.D
 Acq: 03 Feb 2023 16:31

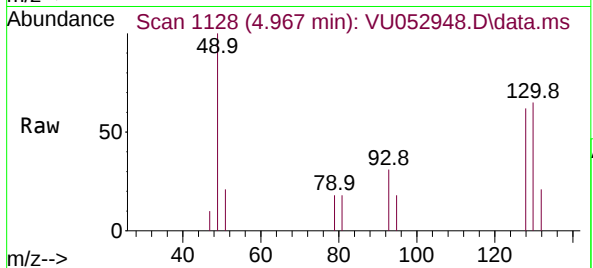
Tgt Ion: 43	Resp: 3377
Ion Ratio	Lower Upper
43 100	
72 20.6	15.5 46.5



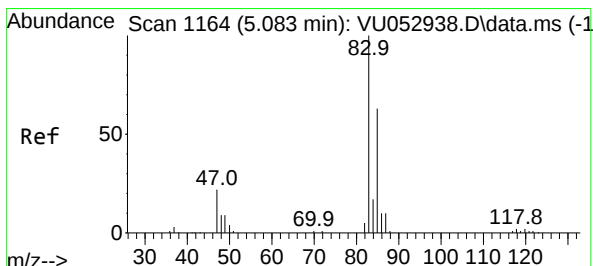
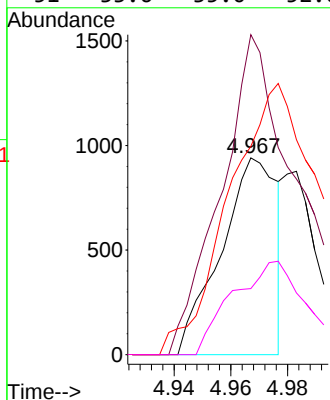
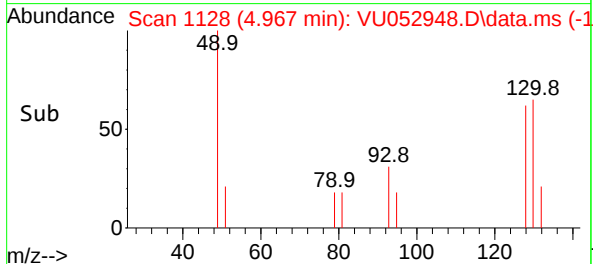


#23
Bromochloromethane
Concen: 1.337 ug/L
RT: 4.967 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Instrument :
MSVOA_U
ClientSampleId :

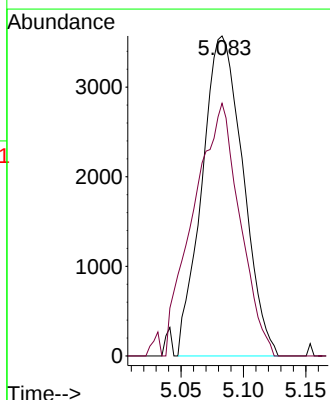
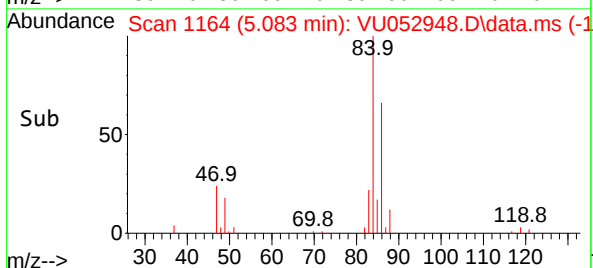
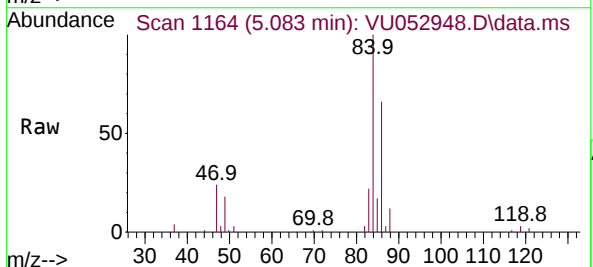


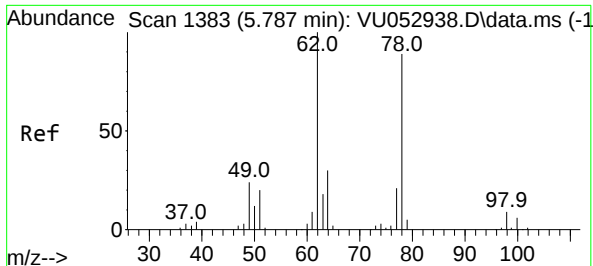
Tgt Ion:128 Resp: 1289
Ion Ratio Lower Upper
128 100
49 162.6 90.1 167.3
130 105.8 90.1 167.3
51 33.6 35.0 52.6#



#25
Chloroform
Concen: 2.588 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion: 83 Resp: 8192
Ion Ratio Lower Upper
83 100
85 78.9 45.8 85.0





#27

1,2-Dichloroethane

Concen: 2.522 ug/L

RT: 5.793 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Instrument :

MSVOA_U

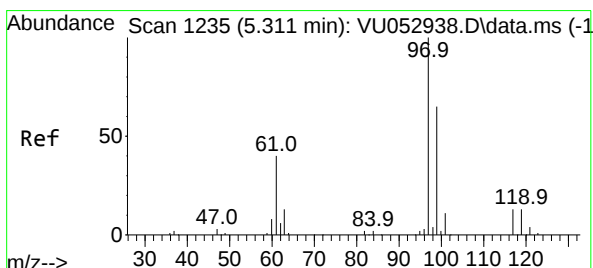
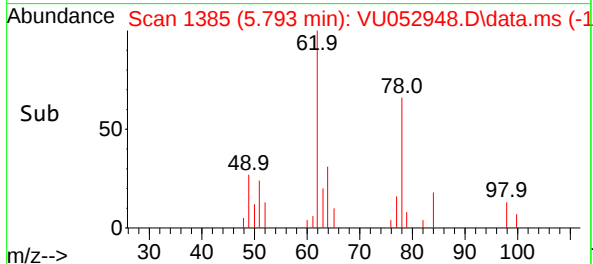
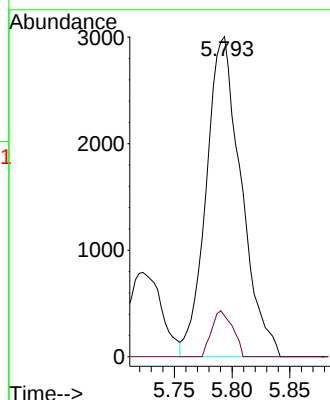
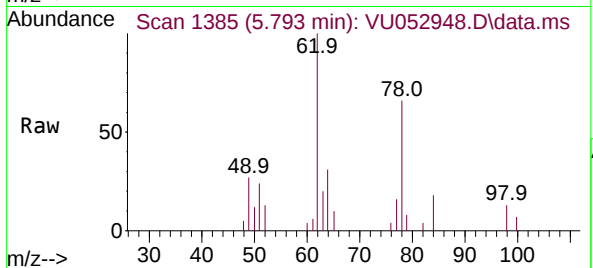
ClientSampleId :

Tgt Ion: 62 Resp: 6319

Ion Ratio Lower Upper

62 100

98 12.8 7.6 11.4#



#30

1,1,1-Trichloroethane

Concen: 2.361 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

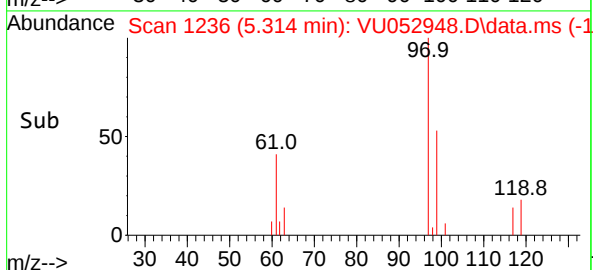
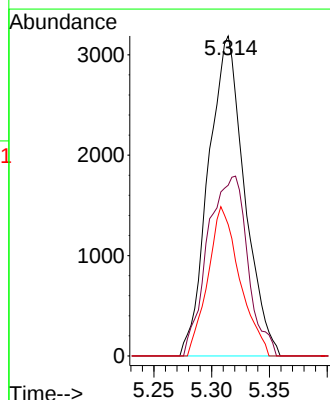
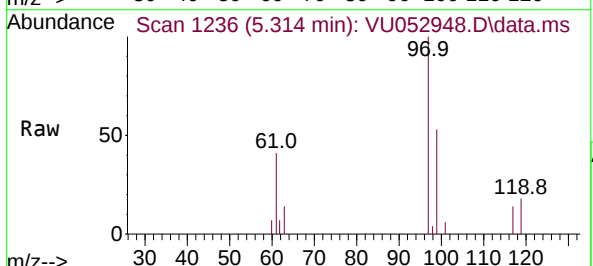
Tgt Ion: 97 Resp: 6907

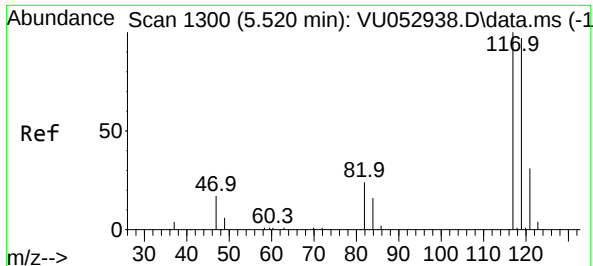
Ion Ratio Lower Upper

97 100

99 62.5 51.4 77.0

61 41.2 33.0 49.6

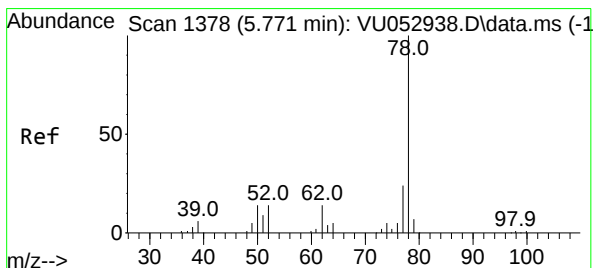
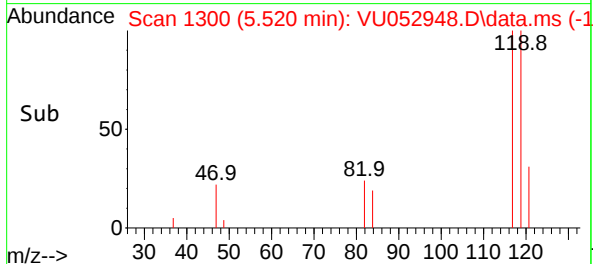
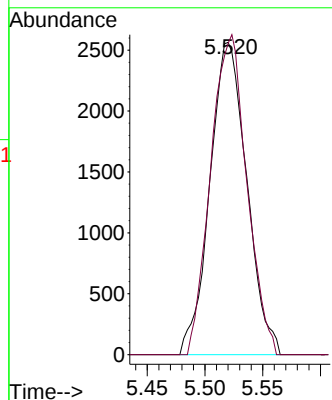
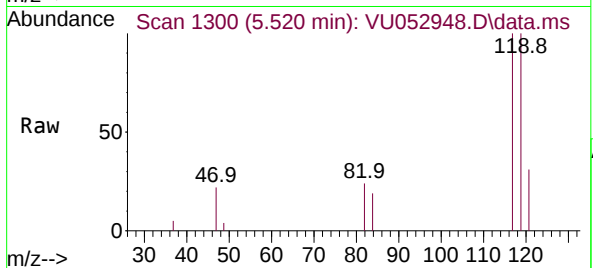




#31
Carbon tetrachloride
Concen: 2.249 ug/L
RT: 5.520 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

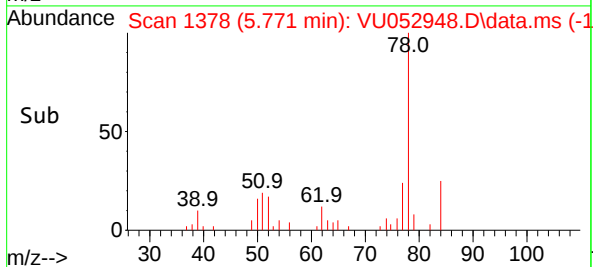
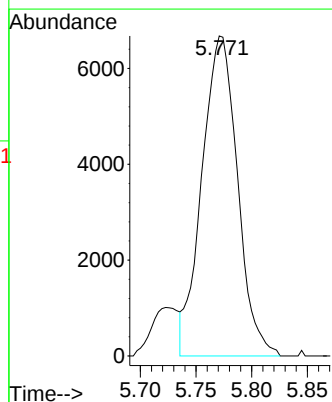
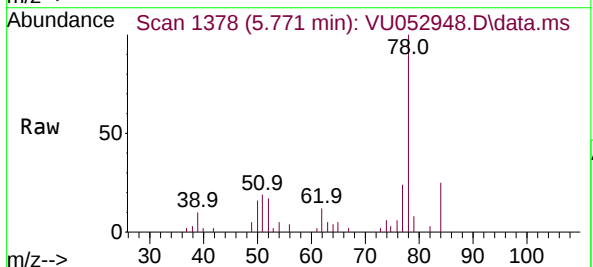
Instrument :
MSVOA_U
ClientSampleId :

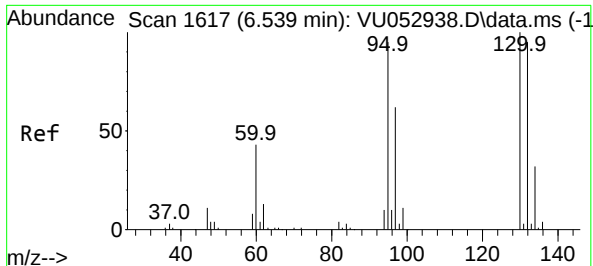
Tgt Ion:117 Resp: 5703
Ion Ratio Lower Upper
117 100
119 100.2 76.2 114.4



#33
Benzene
Concen: 2.194 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion: 78 Resp: 14852

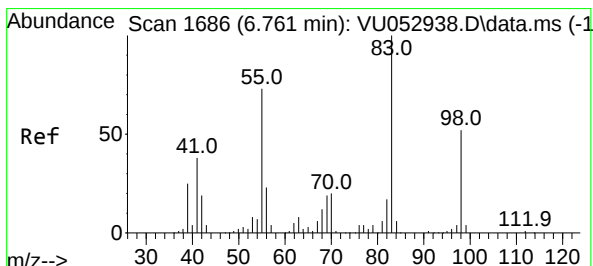
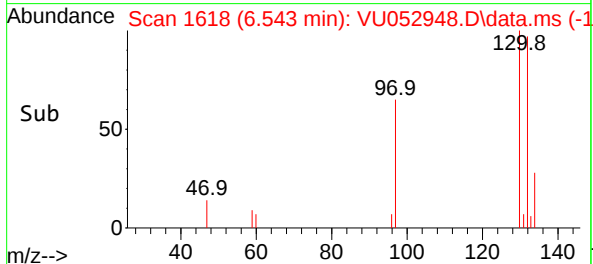
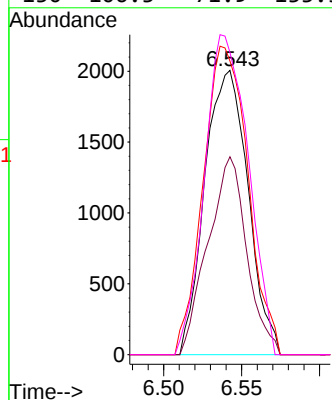
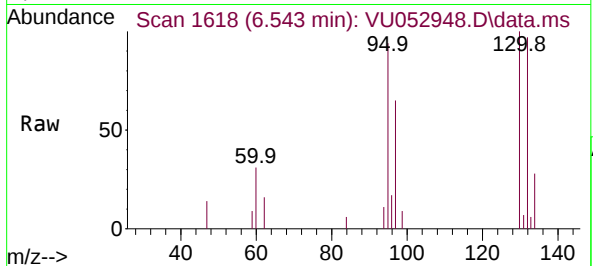




#34
Trichloroethene
Concen: 2.251 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

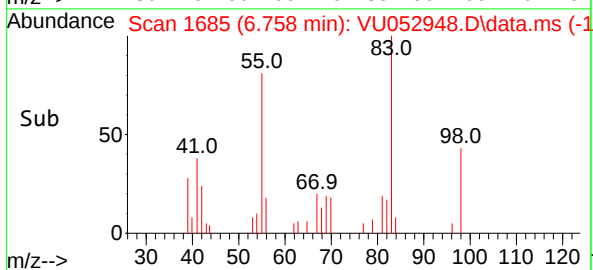
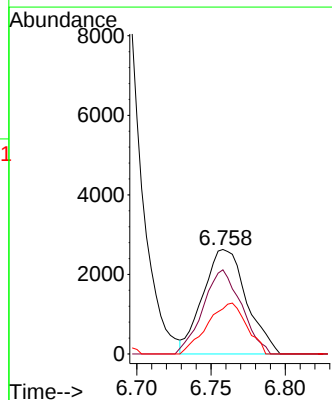
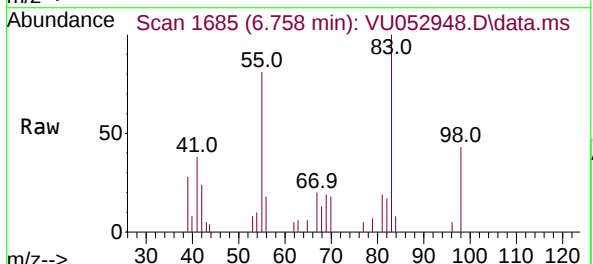
Instrument :
MSVOA_U
ClientSampleId :

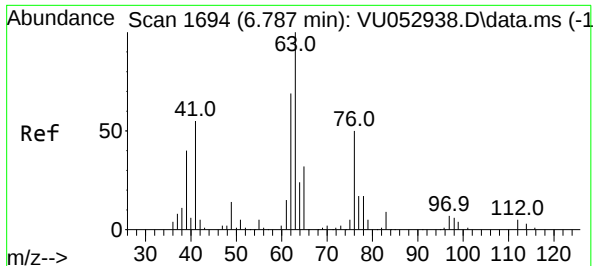
Tgt Ion: 95 Resp: 3873
Ion Ratio Lower Upper
95 100
97 69.6 44.5 82.7
132 103.3 66.8 124.0
130 106.3 71.9 133.5



#35
Methylcyclohexane
Concen: 1.968 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion: 83 Resp: 5359
Ion Ratio Lower Upper
83 100
55 70.9 57.1 85.7
98 43.8 38.9 58.3





#37

1,2-Dichloropropane

Concen: 2.197 ug/L

RT: 6.784 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Instrument :

MSVOA_U

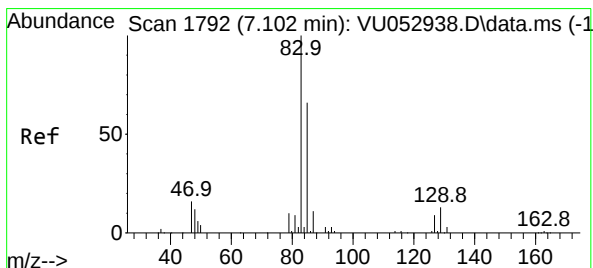
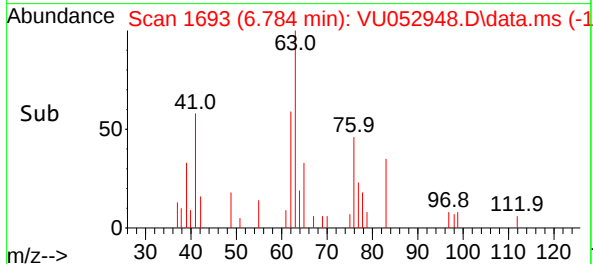
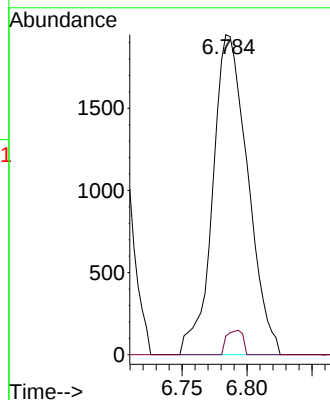
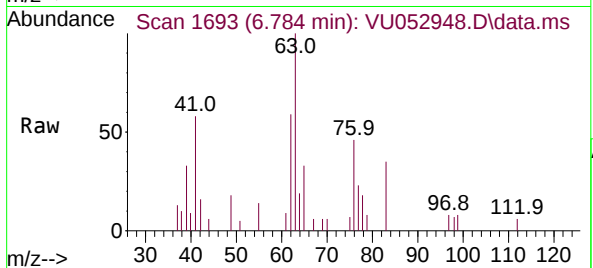
ClientSampleId :

Tgt Ion: 63 Resp: 3656

Ion Ratio Lower Upper

63 100

112 3.5 3.8 5.8#



#38

Bromodichloromethane

Concen: 2.239 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

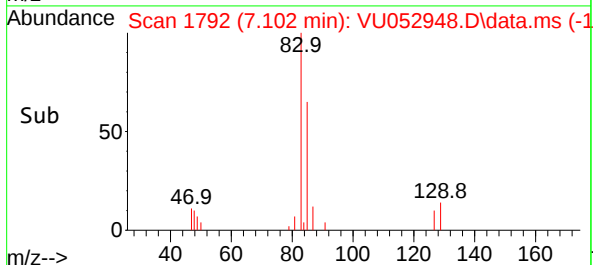
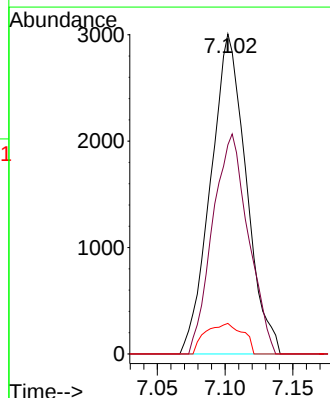
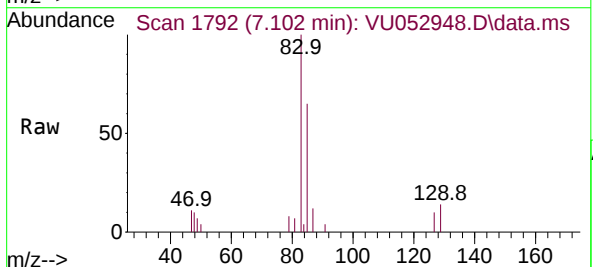
Tgt Ion: 83 Resp: 5468

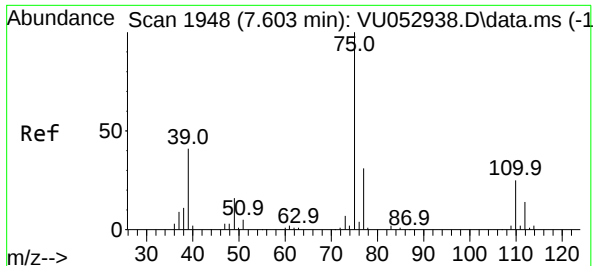
Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0

127 9.5 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 2.136 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Instrument :

MSVOA_U

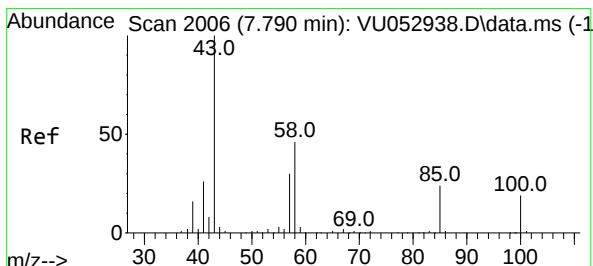
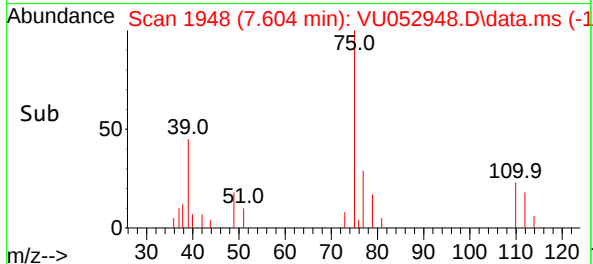
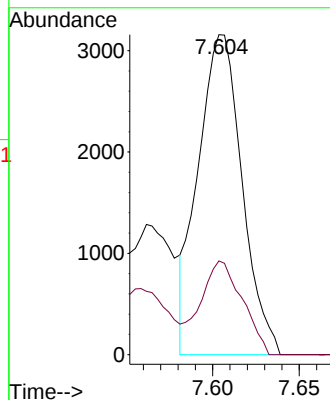
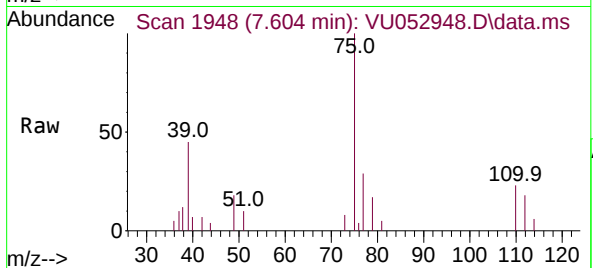
ClientSampleId :

Tgt Ion: 75 Resp: 5569

Ion Ratio Lower Upper

75 100

77 29.3 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 3.450 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

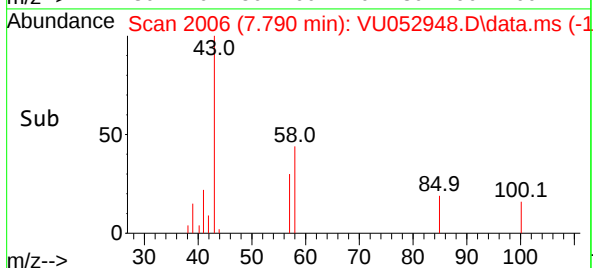
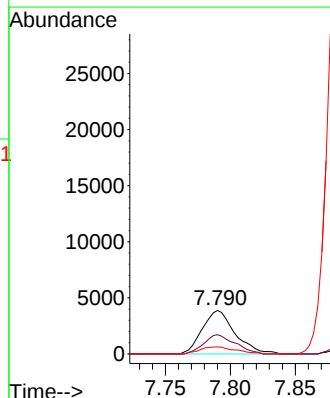
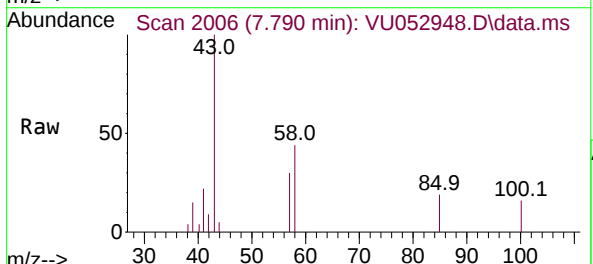
Tgt Ion: 43 Resp: 6765

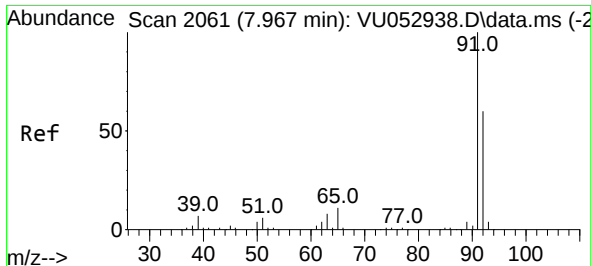
Ion Ratio Lower Upper

43 100

58 42.4 35.4 53.2

100 17.9 16.0 24.0





#42

Toluene

Concen: 2.256 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Instrument :

MSVOA_U

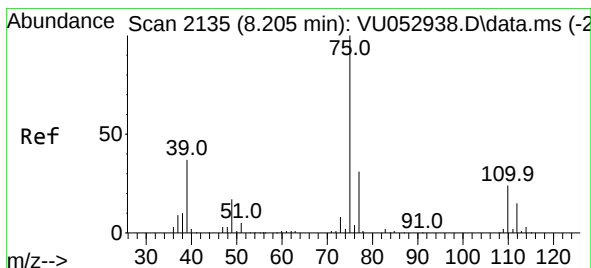
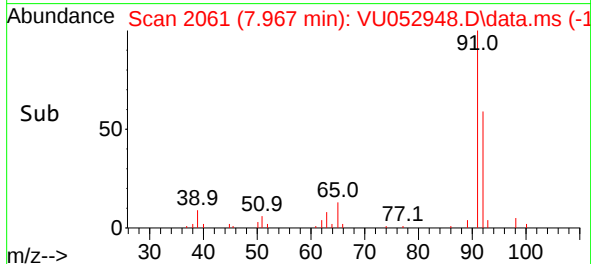
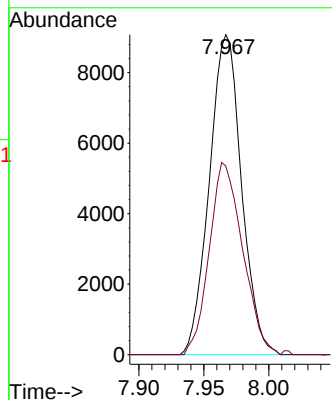
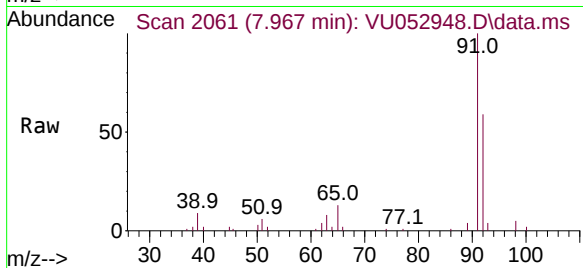
ClientSampleId :

Tgt Ion: 91 Resp: 15655

Ion Ratio Lower Upper

91 100

92 59.0 42.6 79.0



#44

trans-1,3-Dichloropropene

Concen: 2.178 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU052948.D

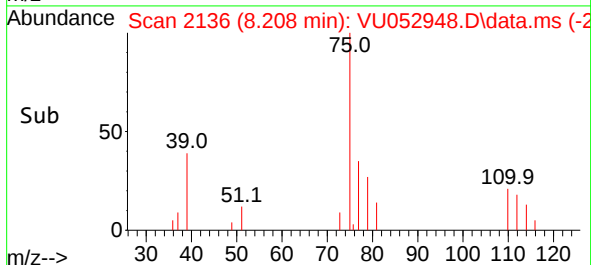
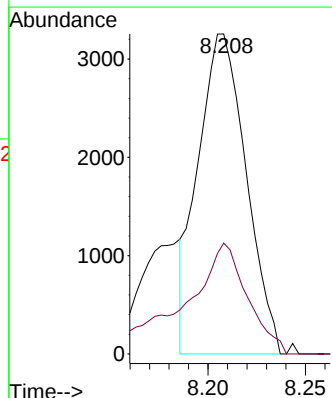
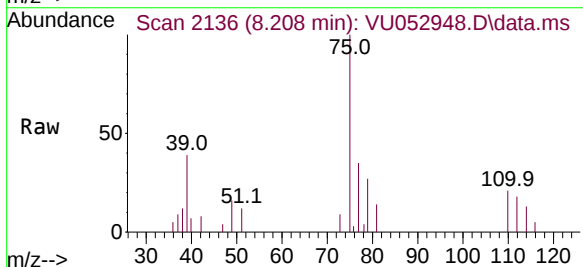
Acq: 03 Feb 2023 16:31

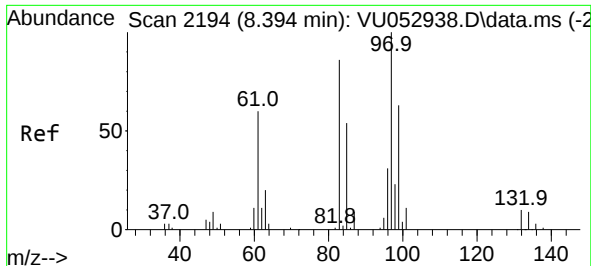
Tgt Ion: 75 Resp: 5580

Ion Ratio Lower Upper

75 100

77 33.6 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 2.427 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. 0.003 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 4131

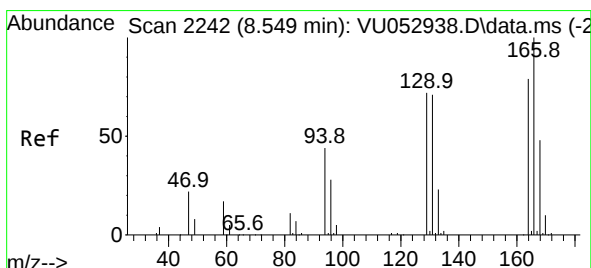
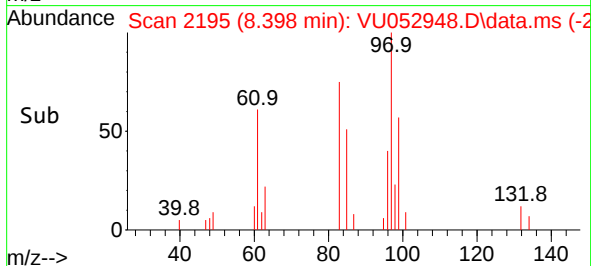
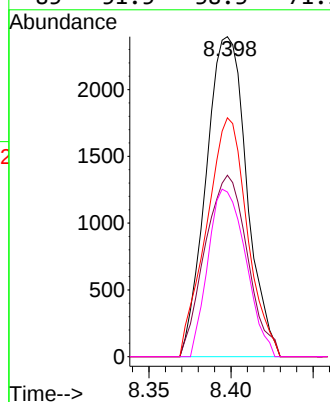
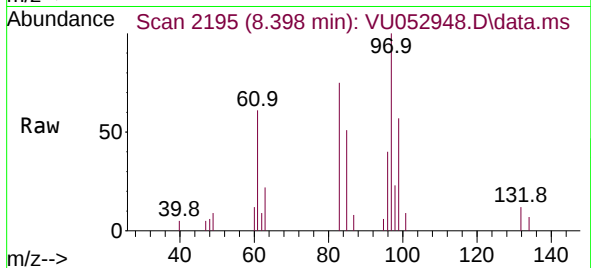
Ion Ratio Lower Upper

97 100

99 56.7 44.7 83.1

83 74.7 60.3 112.1

85 51.5 38.3 71.1



#46

Tetrachloroethene

Concen: 2.455 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Tgt Ion:164 Resp: 3638

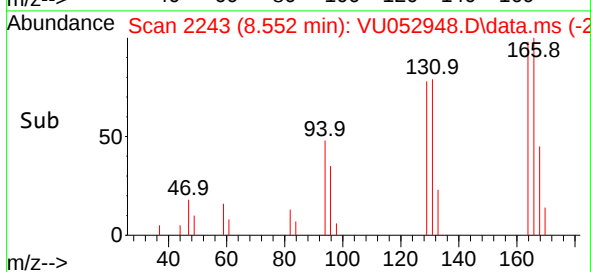
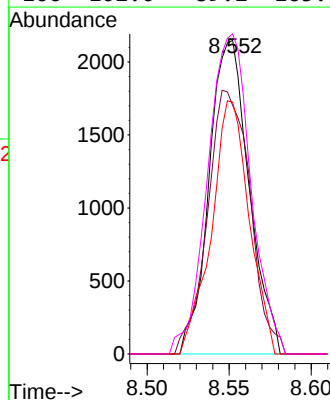
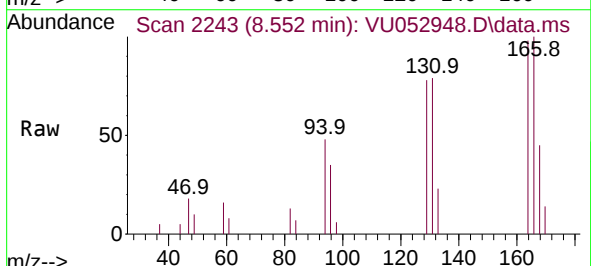
Ion Ratio Lower Upper

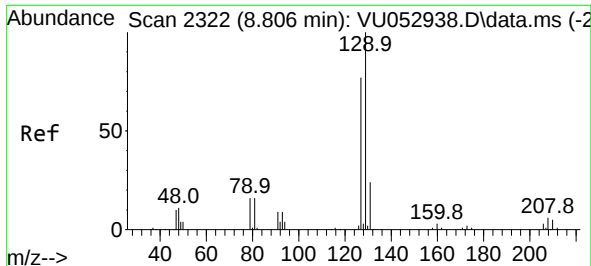
164 100

129 79.2 64.8 120.3

131 80.3 61.2 113.6

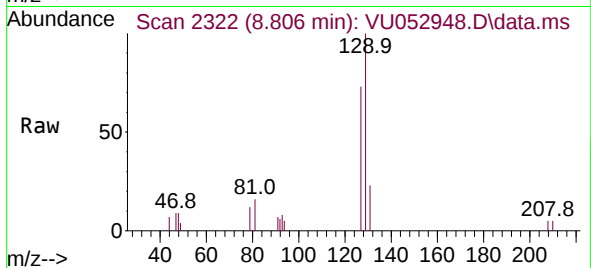
166 102.0 89.2 165.8



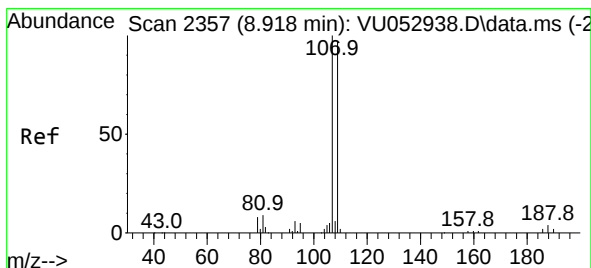
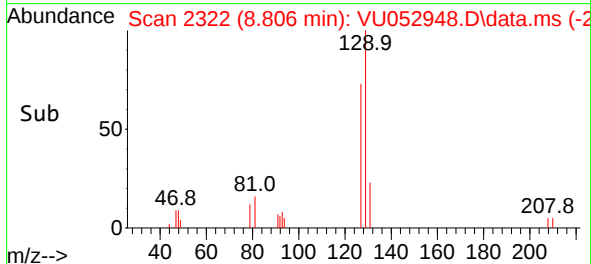
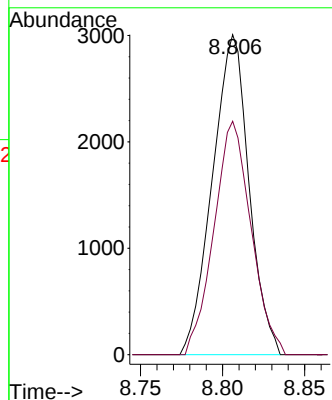


#49
Dibromochloromethane
Concen: 2.289 ug/L
RT: 8.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Instrument :
MSVOA_U
ClientSampleId :

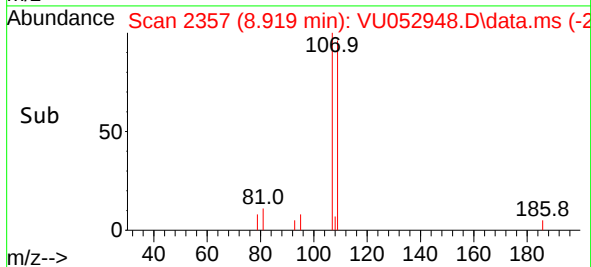
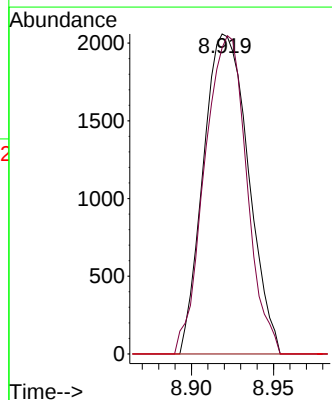
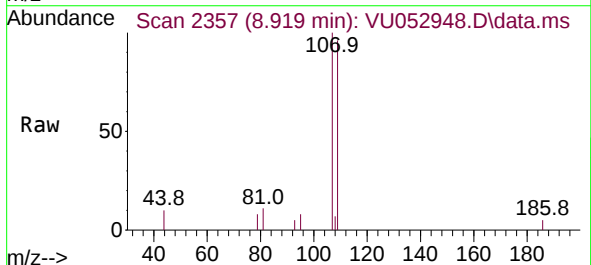


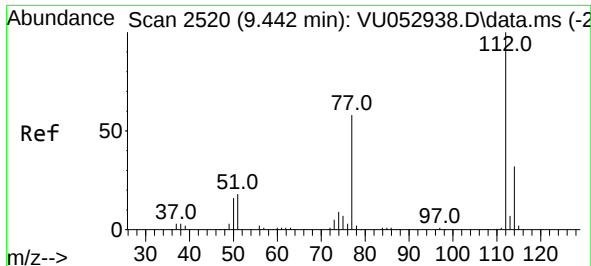
Tgt Ion:129 Resp: 4658
Ion Ratio Lower Upper
129 100
127 73.0 53.2 98.8



#50
1,2-Dibromoethane
Concen: 2.138 ug/L
RT: 8.919 min Scan# 2357
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion:107 Resp: 3916
Ion Ratio Lower Upper
107 100
109 95.7 65.5 121.6
188 0.0 3.2 4.8#

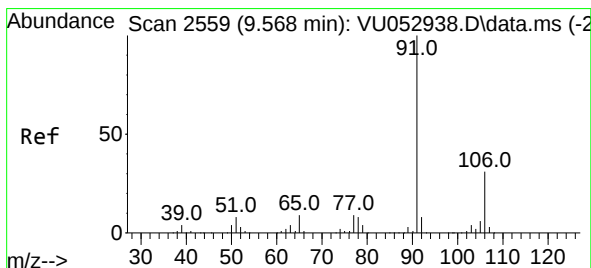
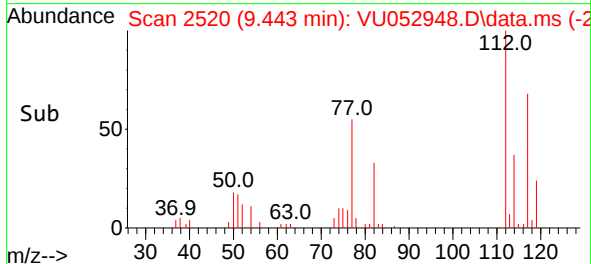
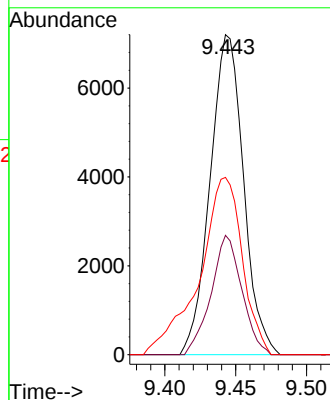
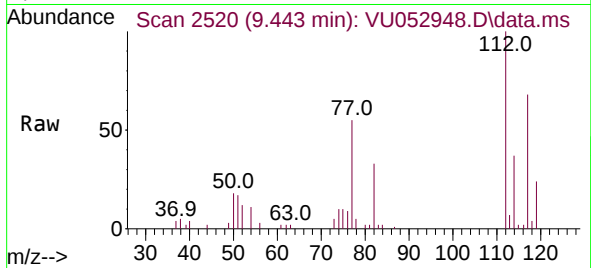




#51
Chlorobenzene
Concen: 2.476 ug/L
RT: 9.443 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

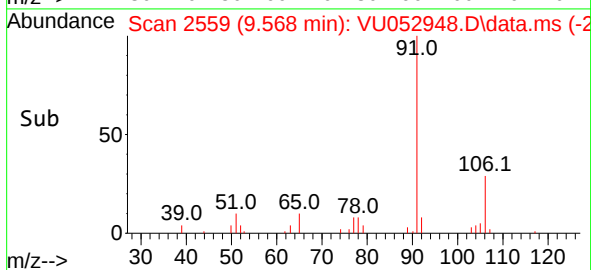
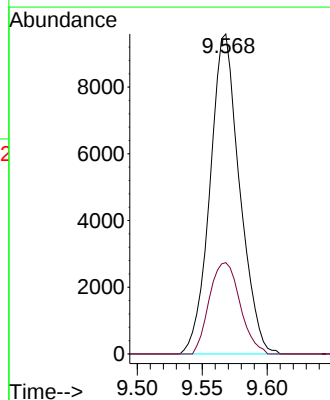
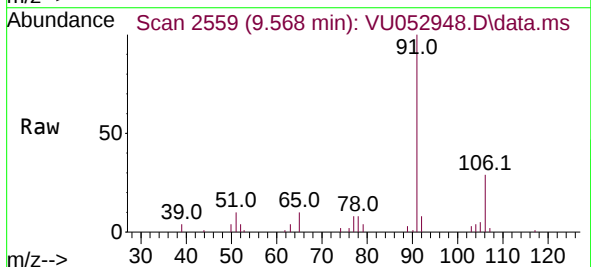
Instrument :
MSVOA_U
ClientSampleId :

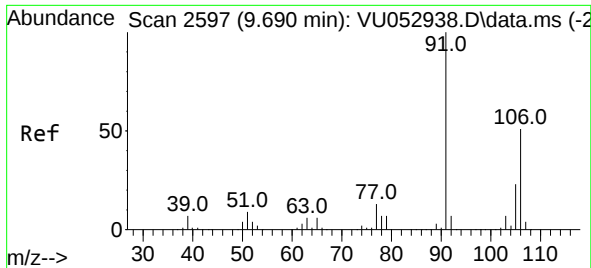
Tgt Ion:112 Resp: 11819
Ion Ratio Lower Upper
112 100
114 37.3 22.8 42.4
77 55.4 45.9 68.9



#52
Ethylbenzene
Concen: 2.050 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion: 91 Resp: 15203
Ion Ratio Lower Upper
91 100
106 28.5 22.0 40.8

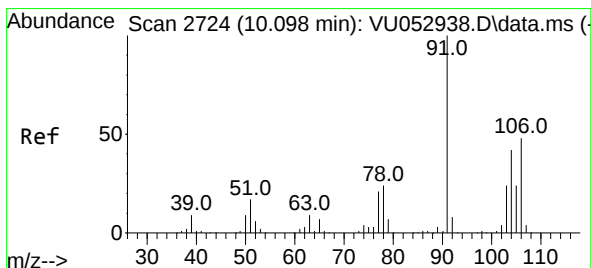
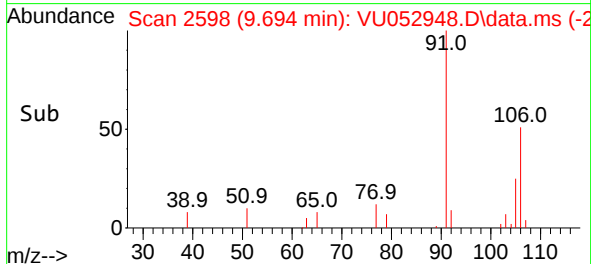
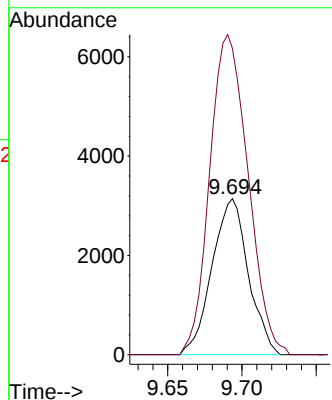
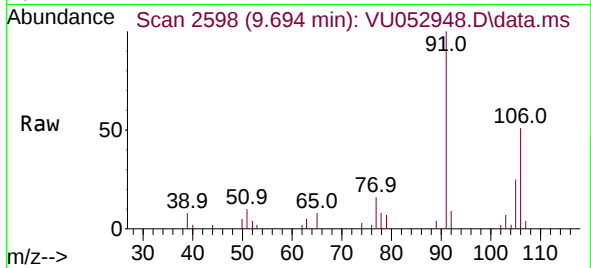




#53
m,p-Xylene
Concen: 1.783 ug/L
RT: 9.694 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

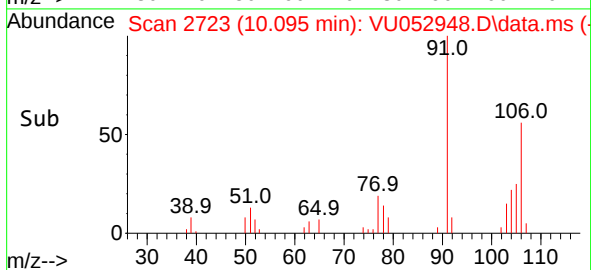
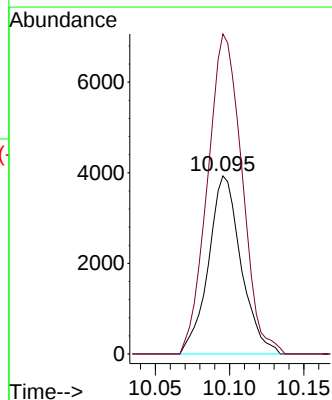
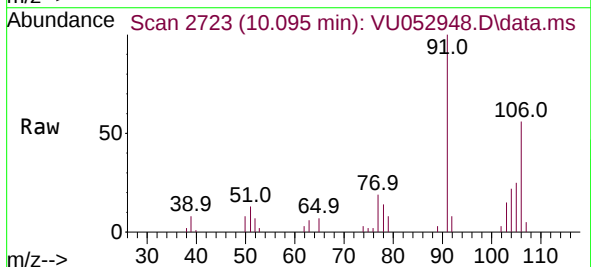
Instrument :
MSVOA_U
ClientSampleId :

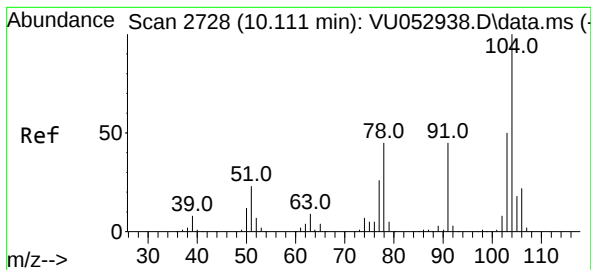
Tgt Ion:106 Resp: 5352
Ion Ratio Lower Upper
106 100
91 196.3 137.4 255.2



#54
o-xylene
Concen: 2.094 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion:106 Resp: 5999
Ion Ratio Lower Upper
106 100
91 179.7 143.4 266.2





#55

Styrene

Concen: 1.821 ug/L

RT: 10.108 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Instrument :

MSVOA_U

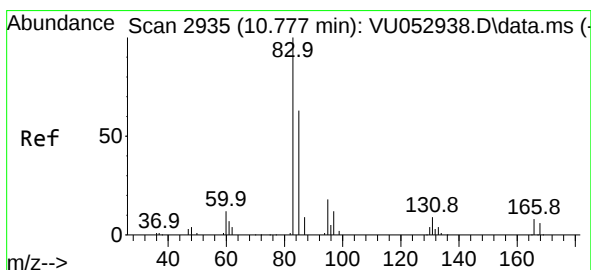
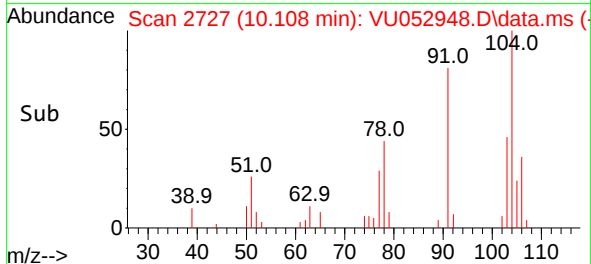
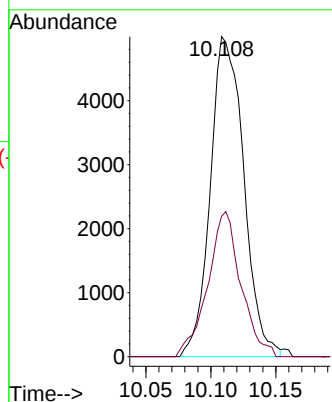
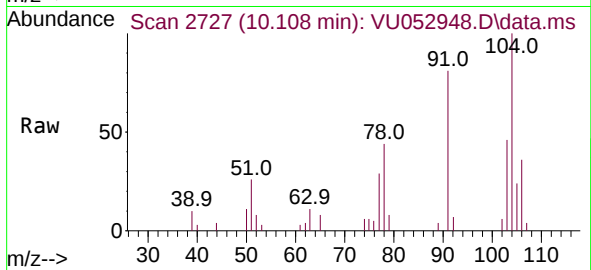
ClientSampleId :

Tgt Ion:104 Resp: 8952

Ion Ratio Lower Upper

104 100

78 43.9 31.9 59.2



#57

1,1,2,2-Tetrachloroethane

Concen: 2.242 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

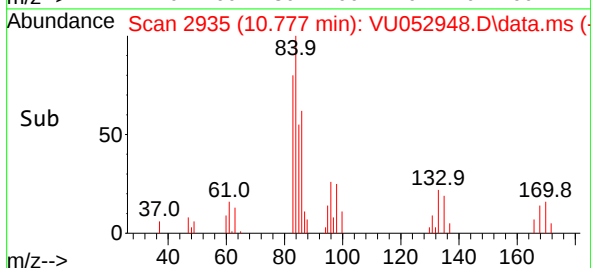
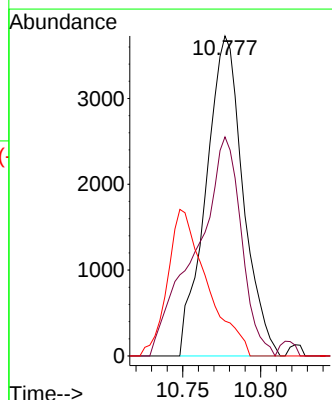
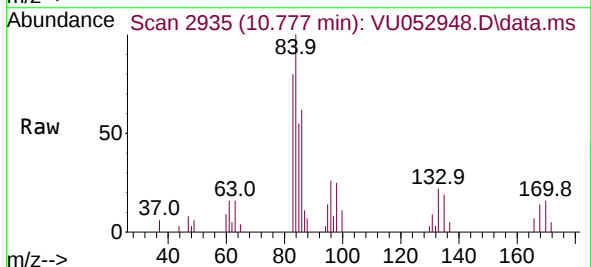
Tgt Ion: 83 Resp: 6174

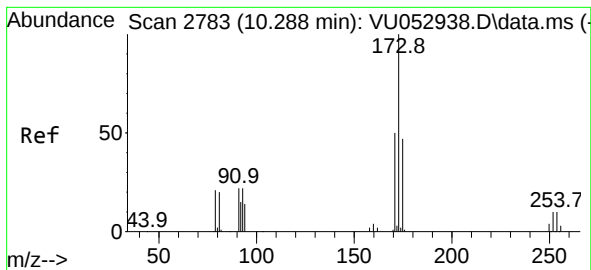
Ion Ratio Lower Upper

83 100

85 68.4 45.0 83.6

131 10.9 8.6 12.8





#59

Bromoform

Concen: 2.320 ug/L

RT: 10.285 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU052948.D

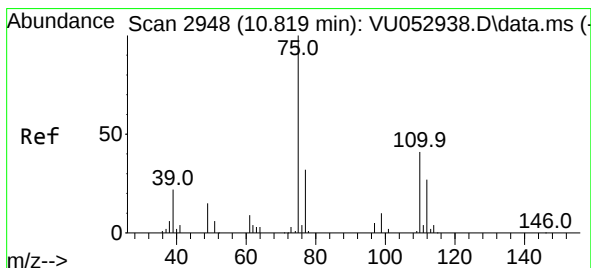
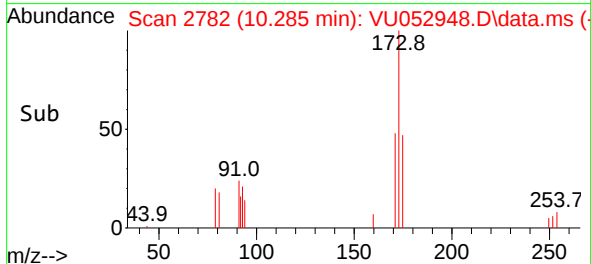
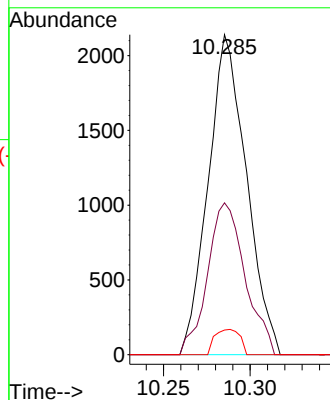
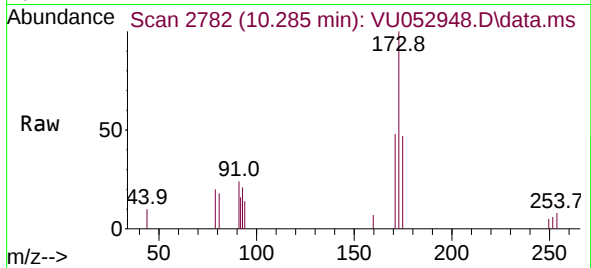
Acq: 03 Feb 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	3279
Ion Ratio	Lower	Upper
173	100	
175	46.7	37.7 56.5
254	5.2	8.3 12.5#



#60

1,2,3-Trichloropropane

Concen: 2.306 ug/L

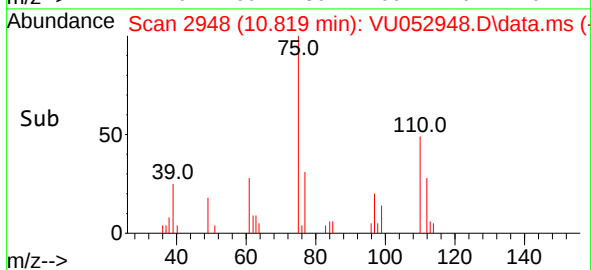
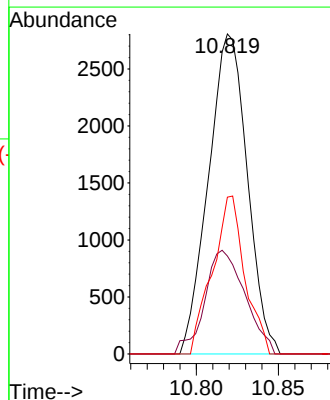
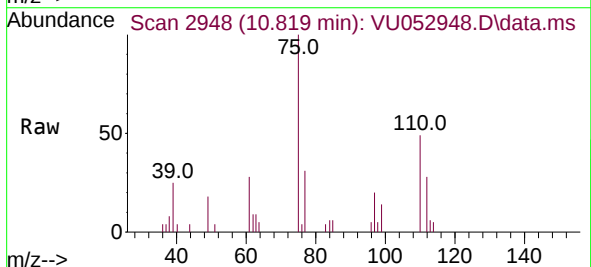
RT: 10.819 min Scan# 2948

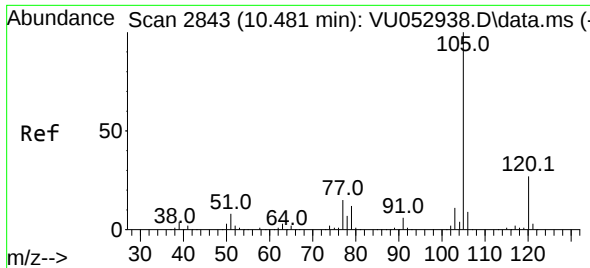
Delta R.T. 0.000 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Tgt Ion: 75	Resp:	4613
Ion Ratio	Lower	Upper
75	100	
77	32.8	25.8 38.8
110	41.3	32.4 48.6

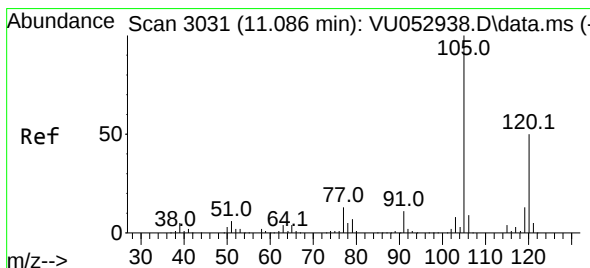
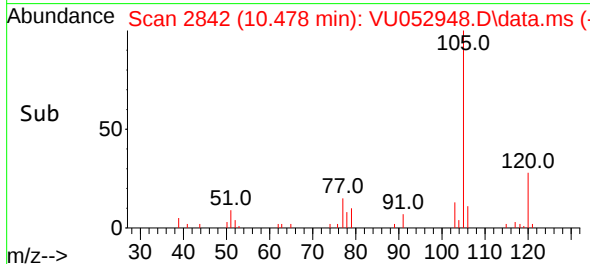
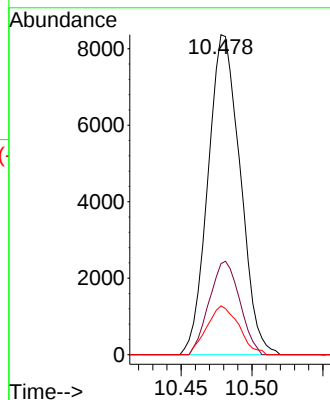
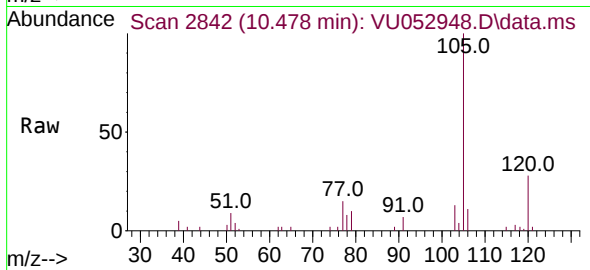




#61
Isopropylbenzene
Concen: 1.986 ug/L
RT: 10.478 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

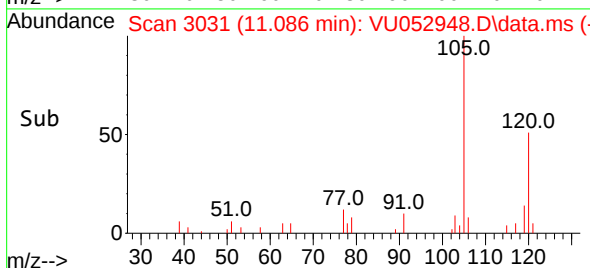
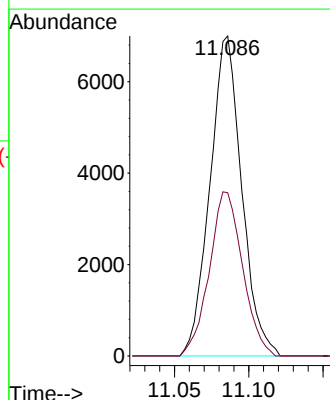
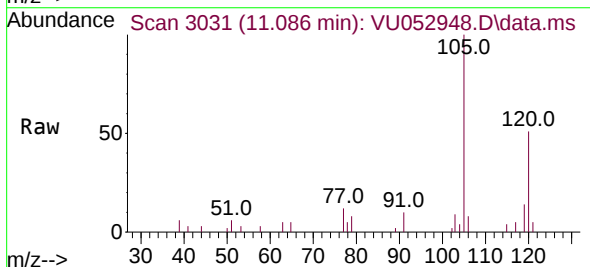
Instrument :
MSVOA_U
ClientSampleId :

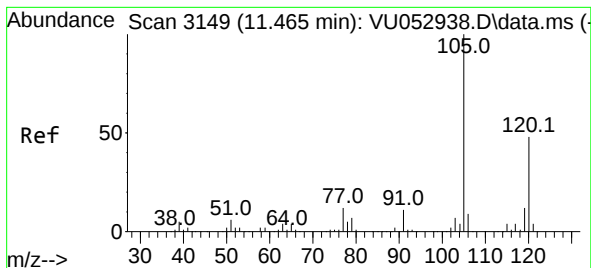
Tgt Ion:105 Resp: 13229
Ion Ratio Lower Upper
105 100
120 27.6 21.4 32.2
77 15.1 12.2 18.2



#62
1,3,5-Trimethylbenzene
Concen: 1.879 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion:105 Resp: 10420
Ion Ratio Lower Upper
105 100
120 53.6 40.4 60.6





#63

1,2,4-Trimethylbenzene

Concen: 1.880 ug/L

RT: 11.462 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

Instrument :

MSVOA_U

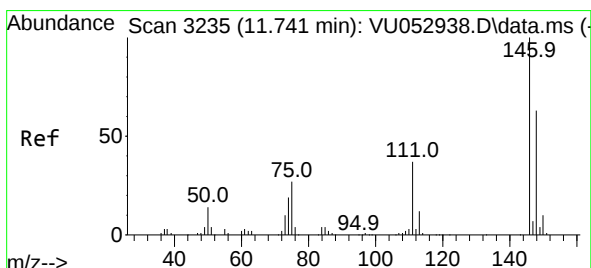
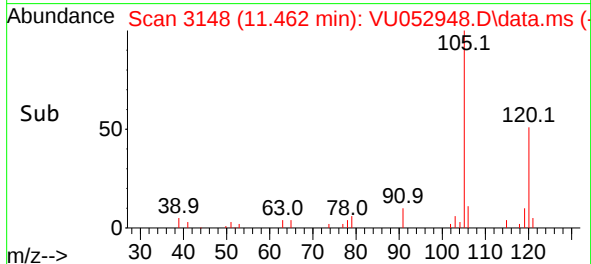
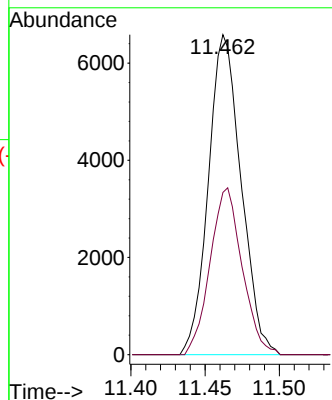
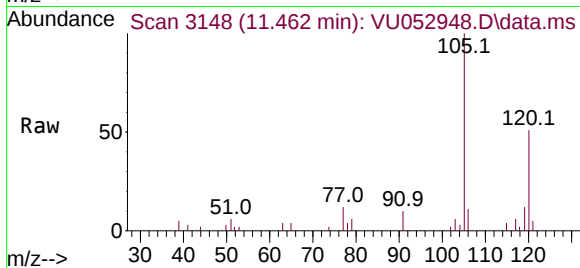
ClientSampleId :

Tgt Ion:105 Resp: 10091

Ion Ratio Lower Upper

105 100

120 51.1 38.1 57.1



#64

1,3-Dichlorobenzene

Concen: 2.174 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU052948.D

Acq: 03 Feb 2023 16:31

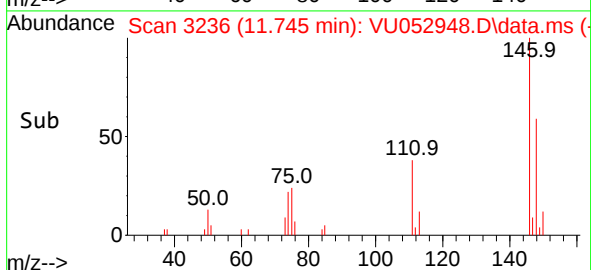
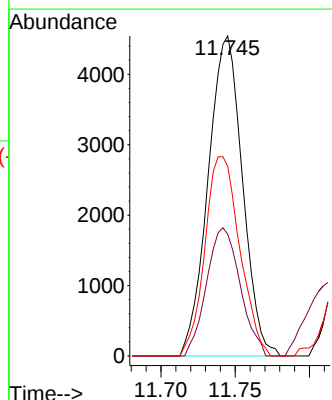
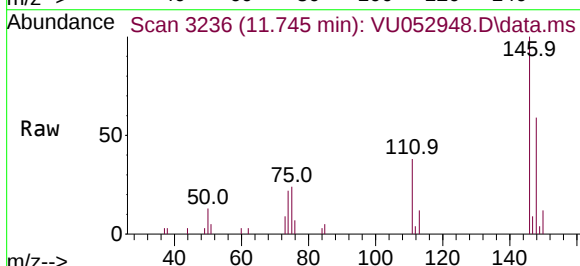
Tgt Ion:146 Resp: 7307

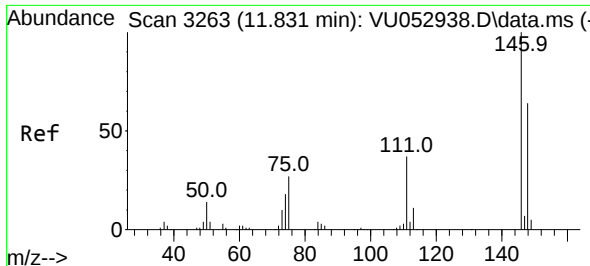
Ion Ratio Lower Upper

146 100

111 38.5 27.8 51.6

148 54.5 45.5 84.5

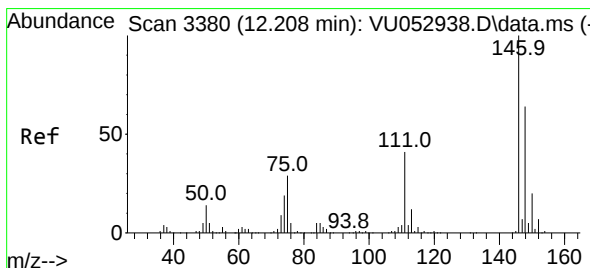
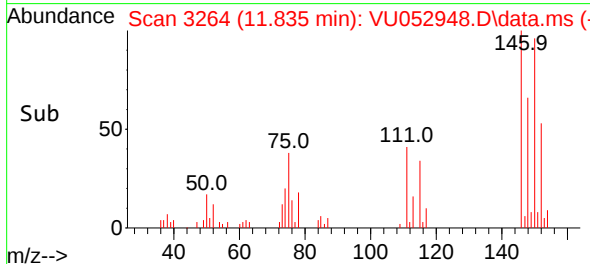
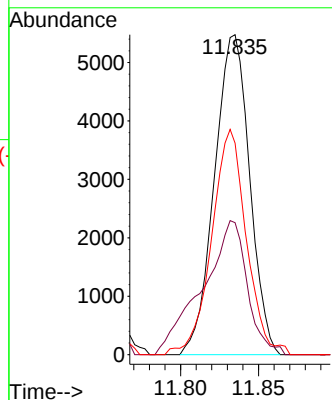
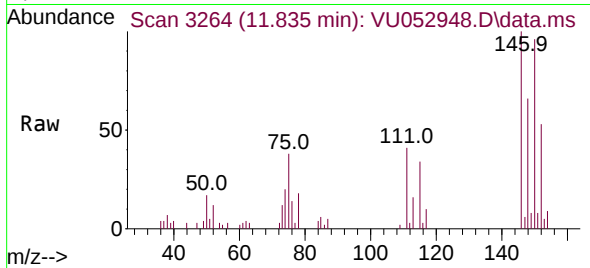




#65
1,4-Dichlorobenzene
Concen: 2.471 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

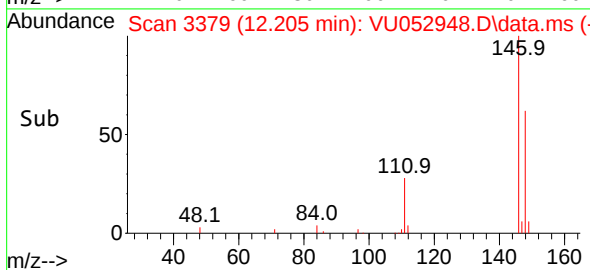
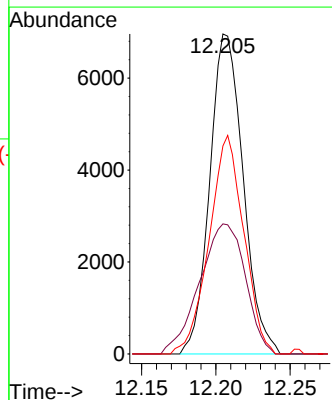
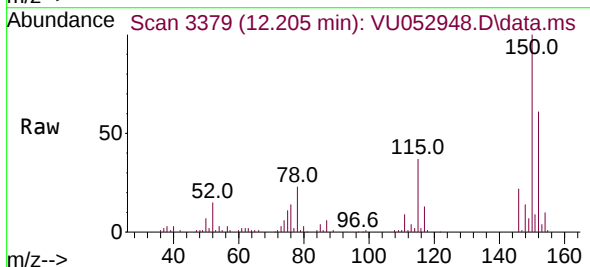
Instrument :
MSVOA_U
ClientSampleId :

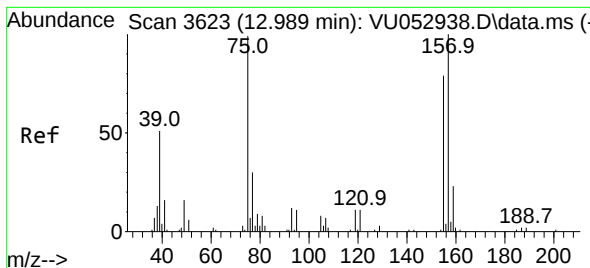
Tgt Ion:146 Resp: 8597
Ion Ratio Lower Upper
146 100
111 41.3 26.7 49.7
148 66.1 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 3.205 ug/L
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion:146 Resp: 10894
Ion Ratio Lower Upper
146 100
111 40.6 33.2 49.8
148 65.0 50.2 75.4

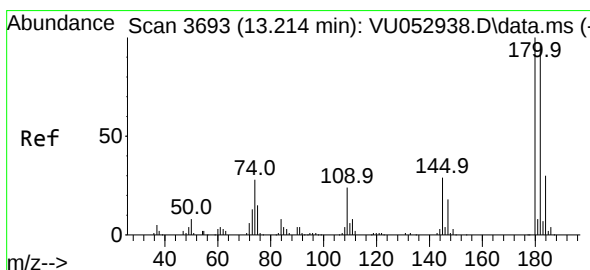
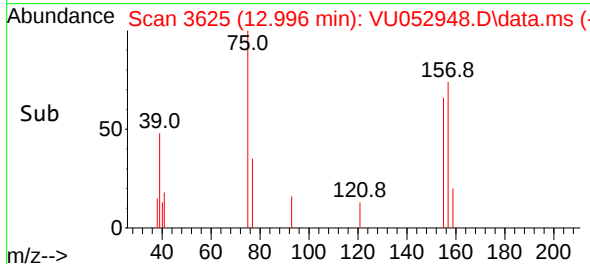
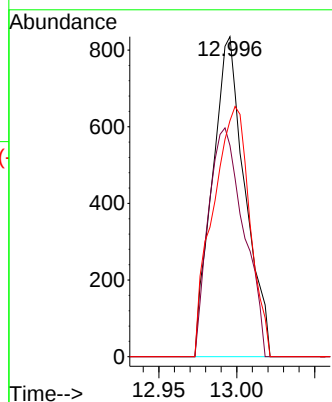
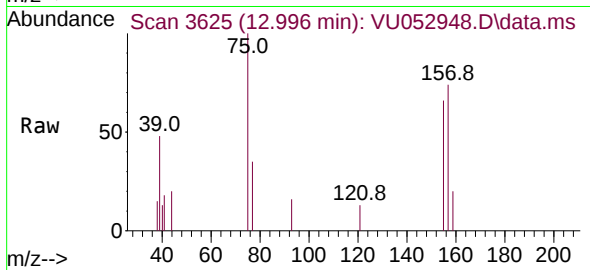




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.107 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.007 min
 Lab File: VU052948.D
 Acq: 03 Feb 2023 16:31

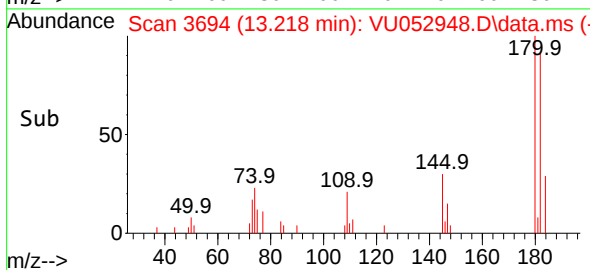
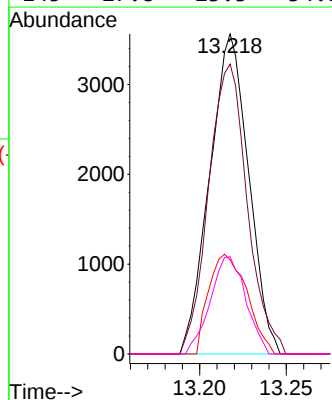
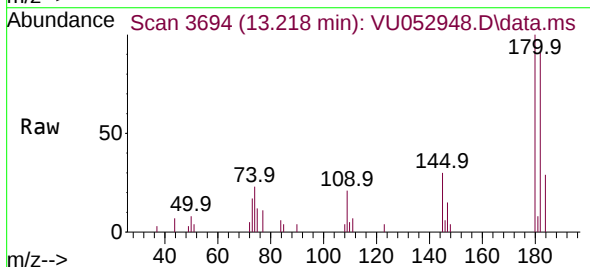
Instrument :
 MSVOA_U
 ClientSampleId :

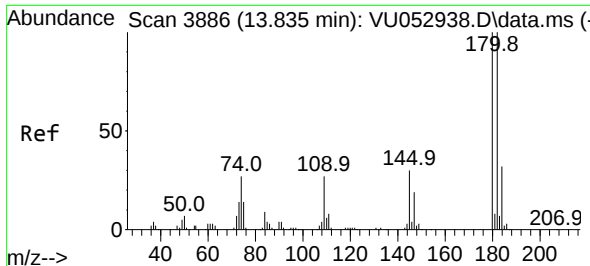
Tgt Ion: 75 Resp: 1208
 Ion Ratio Lower Upper
 75 100
 155 66.0 69.2 103.8#
 157 73.8 91.2 136.8#



#69
 1,3,5-Trichlorobenzene
 Concen: 2.234 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.003 min
 Lab File: VU052948.D
 Acq: 03 Feb 2023 16:31

Tgt Ion: 180 Resp: 5557
 Ion Ratio Lower Upper
 180 100
 182 90.2 77.0 115.6
 184 30.7 24.4 36.6
 145 27.8 23.3 34.9

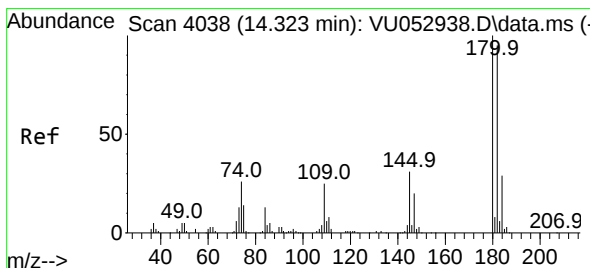
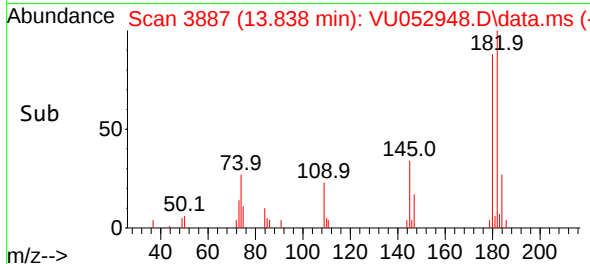
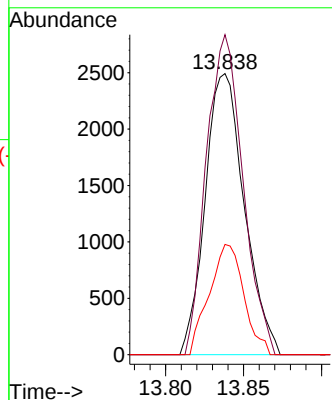
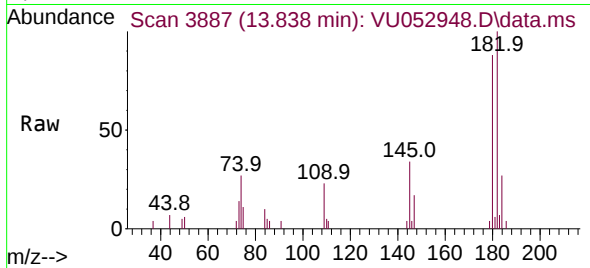




#70
1,2,4-trichlorobenzene
Concen: 2.088 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 4355
Ion Ratio Lower Upper
180 100
182 106.4 78.2 117.2
145 34.6 23.4 35.2



#72
1,2,3-Trichlorobenzene
Concen: 1.947 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052948.D
Acq: 03 Feb 2023 16:31

Tgt Ion:180 Resp: 4292
Ion Ratio Lower Upper
180 100
182 92.8 77.5 116.3
145 28.3 24.2 36.4

