

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052818.D
 Acq On : 26 Jan 2023 16:08
 Operator : JC/MD
 Sample : 01316-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 27 04:33:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:23:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	230898	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	222169	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	120887	72.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	145.480%#
7) Chloroethane-d5	1.912	69	103457	75.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	151.100%#
11) 1,1-Dichloroethene-d2	2.559	63	221345	66.963	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	133.920%#
21) 2-Butanone-d5	4.629	46	155319	151.288	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	151.290%#
24) Chloroform-d	5.057	84	252782	71.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	142.540%#
26) 1,2-Dichloroethane-d4	5.697	65	170459	75.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	150.540%#
32) Benzene-d6	5.719	84	520929	76.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	153.500%#
36) 1,2-Dichloropropane-d6	6.684	67	154674	77.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	155.400%#
41) Toluene-d8	7.893	98	482253	78.025	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	156.060%#
43) trans-1,3-Dichloroprop...	8.176	79	77863	78.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	156.080%#
47) 2-Hexanone-d5	8.652	63	120901	172.845	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	172.850%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	220063	74.820	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	149.640%#
66) 1,2-Dichlorobenzene-d4	12.192	152	188092	81.070	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	162.140%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	87398	44.303	ug/L	97
8) Chloroethane	1.932	64	73263	59.127	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	2092	1.123	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	63324	37.073	ug/L #	77
14) Carbon disulfide	2.784	76	294197	57.027	ug/L	100
15) Methyl Acetate	2.948	43	114206	67.600	ug/L	98
16) Methylene chloride	3.041	84	70281	34.589	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	254631	46.913	ug/L	99
19) 1,1-Dichloroethane	3.861	63	77025	23.793	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	45131	22.900	ug/L	94
25) Chloroform	5.086	83	5413	1.489	ug/L	84
27) 1,2-Dichloroethane	5.787	62	183927	63.929	ug/L	99
30) 1,1,1-Trichloroethane	5.308	97	143828	44.012	ug/L	99
31) Carbon tetrachloride	5.311	117	17823	6.292	ug/L	93
34) Trichloroethene	6.536	95	146612	76.273	ug/L	96
37) 1,2-Dichloropropane	6.787	63	50729	27.284	ug/L	100
40) 4-Methyl-2-pentanone	7.809	43	120473	54.998	ug/L	100
42) Toluene	7.967	91	266444	34.376	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	48063	16.792	ug/L	99

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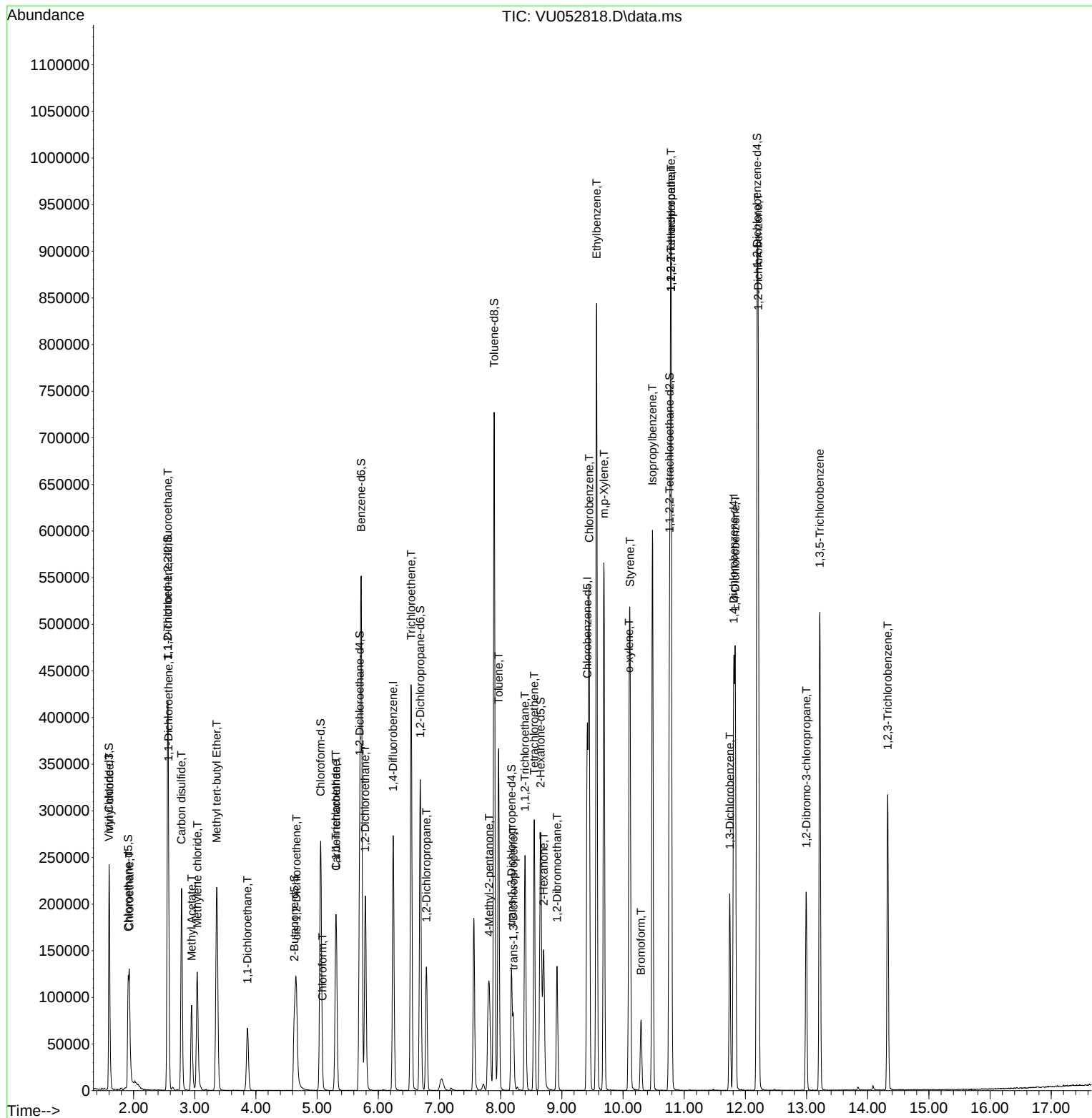
45) 1,1,2-Trichloroethane	8.398	97	86498	45.493	ug/L	98
46) Tetrachloroethene	8.549	164	66380	40.104	ug/L	97
48) 2-Hexanone	8.703	43	114132	61.589	ug/L	95
50) 1,2-Dibromoethane	8.922	107	90123	44.040	ug/L	97
51) Chlorobenzene	9.446	112	300250	56.306	ug/L	98
52) Ethylbenzene	9.568	91	587284	70.902	ug/L	100
53) m,p-Xylene	9.687	106	162494	48.459	ug/L	96
54) o-xylene	10.099	106	76824	23.999	ug/L	99
55) Styrene	10.115	104	211440	38.491	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	230532	74.920	ug/L	99
59) Bromoform	10.295	173	38174	23.314	ug/L	99
60) 1,2,3-Trichloropropane	10.783	75	15522	6.697	ug/L #	1
61) Isopropylbenzene	10.481	105	396265	51.349	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	89450	22.974	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	184307	45.726	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	279411	70.950	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	53780	80.949	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	167519	58.118	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	103096	40.368	ug/L	99

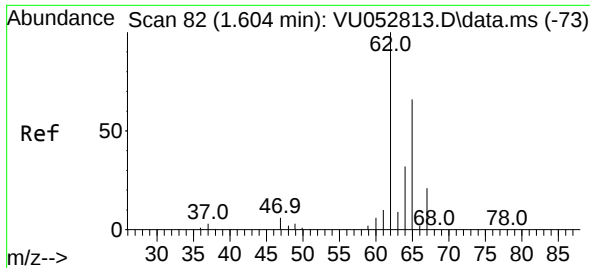
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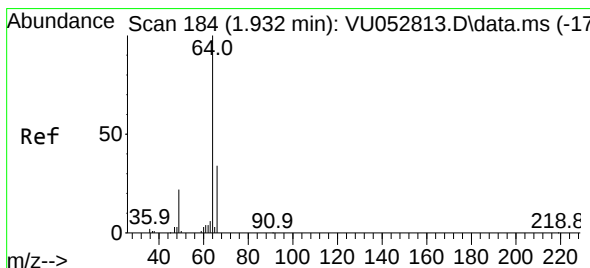
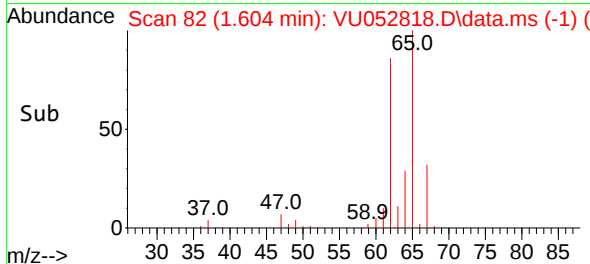
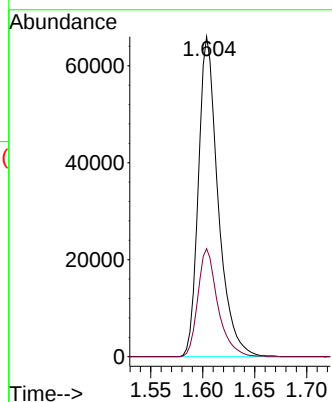
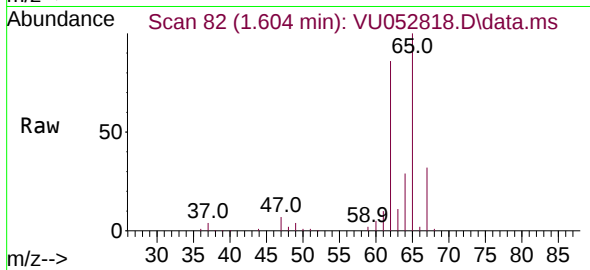




#5
 Vinyl chloride
 Concen: 44.303 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU052818.D
 Acq: 26 Jan 2023 16:08

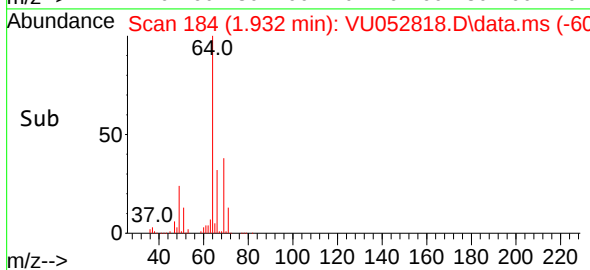
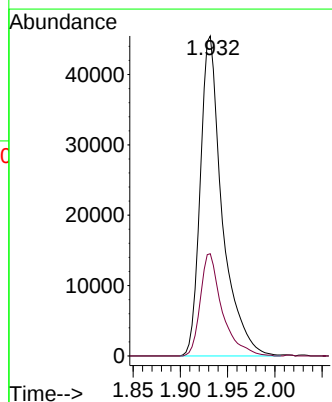
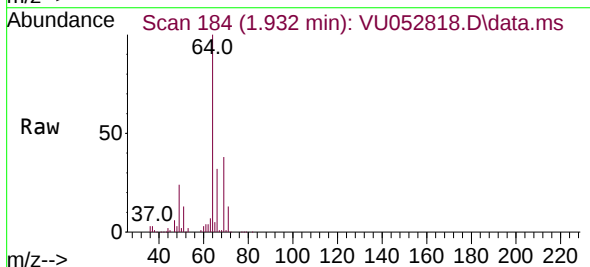
Instrument :
 MSVOA_U
 ClientSampleId :

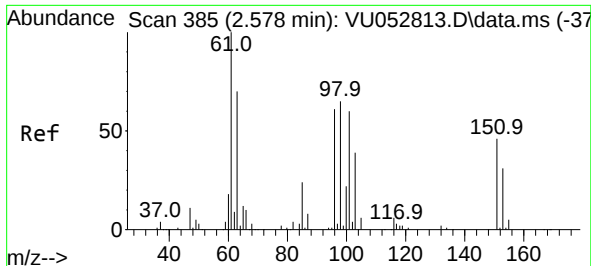
Tgt Ion: 62 Resp: 87398
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.4 41.6



#8
 Chloroethane
 Concen: 59.127 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. -0.000 min
 Lab File: VU052818.D
 Acq: 26 Jan 2023 16:08

Tgt Ion: 64 Resp: 73263
 Ion Ratio Lower Upper
 64 100
 66 32.0 24.1 44.7

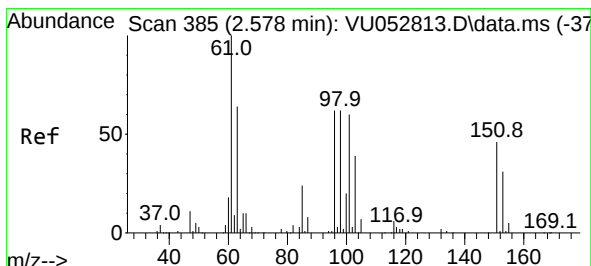
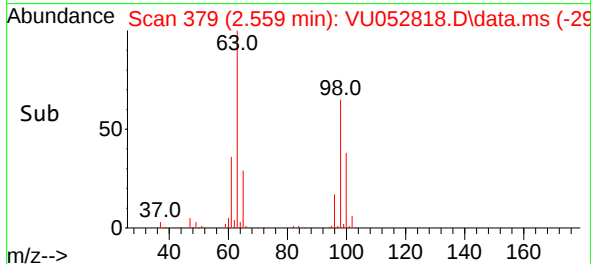
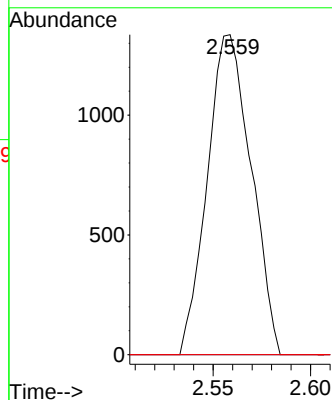
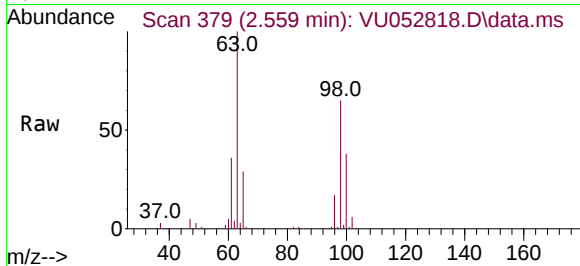




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.123 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: VU052818.D
 Acq: 26 Jan 2023 16:08

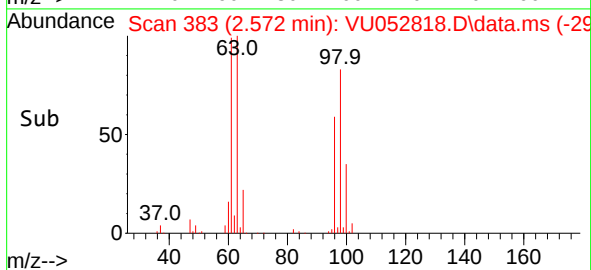
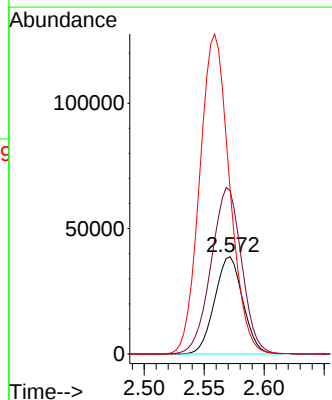
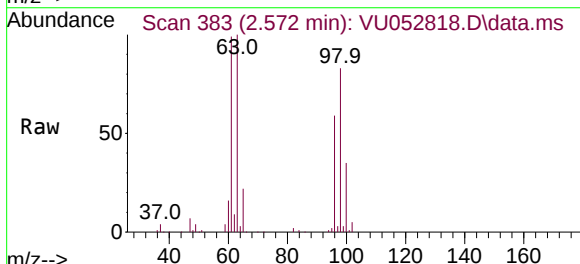
Instrument :
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 ClientSampleId :

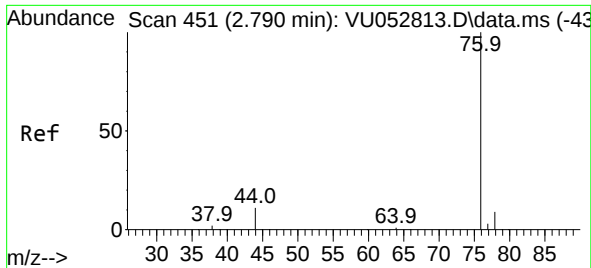
Tgt Ion:101 Resp: 2092
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.9 49.3#
 151 0.0 62.6 94.0#



#12
 1,1-Dichloroethene
 Concen: 37.073 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU052818.D
 Acq: 26 Jan 2023 16:08

Tgt Ion: 96 Resp: 63324
 Ion Ratio Lower Upper
 96 100
 61 167.8 114.3 212.3
 63 169.3 80.6 149.6#





#14

Carbon disulfide

Concen: 57.027 ug/L

RT: 2.784 min Scan# 44

Delta R.T. -0.007 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

Instrument :

MSVOA_U

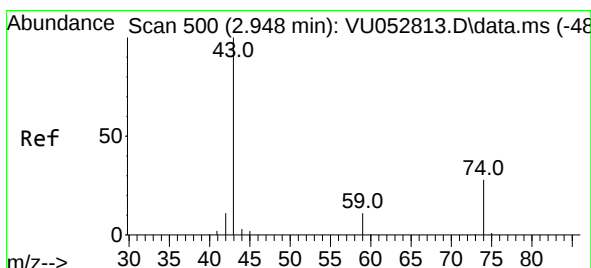
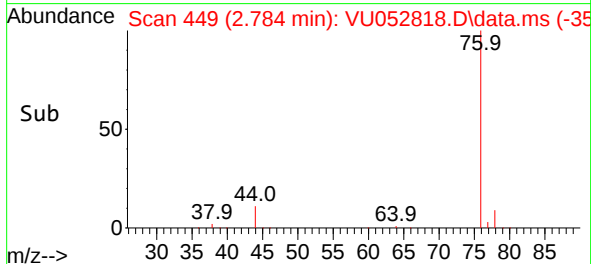
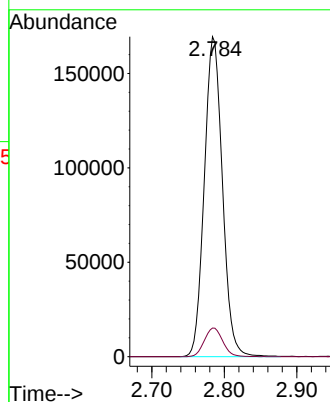
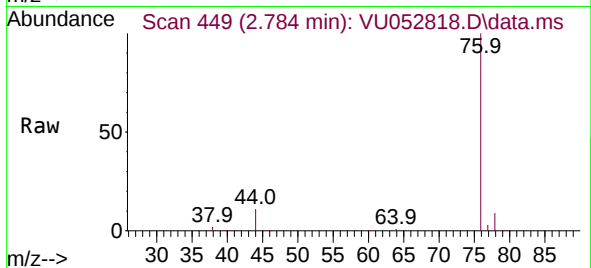
ClientSampleId :

Tgt Ion: 76 Resp: 294197

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#15

Methyl Acetate

Concen: 67.600 ug/L

RT: 2.948 min Scan# 500

Delta R.T. -0.000 min

Lab File: VU052818.D

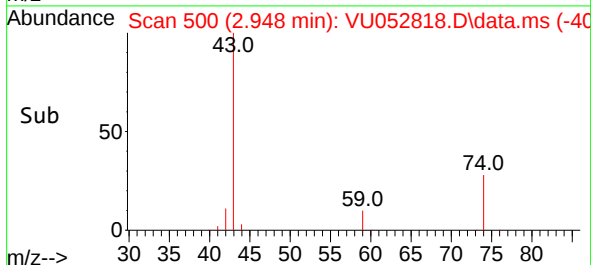
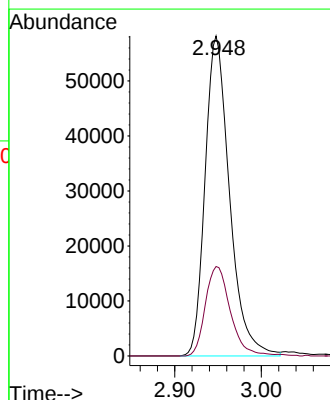
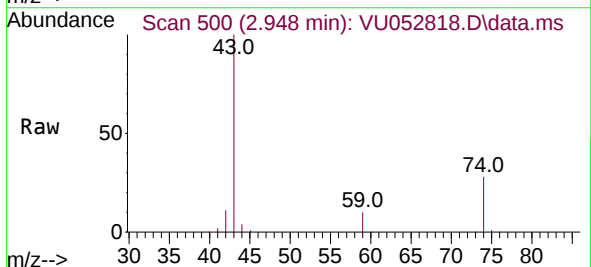
Acq: 26 Jan 2023 16:08

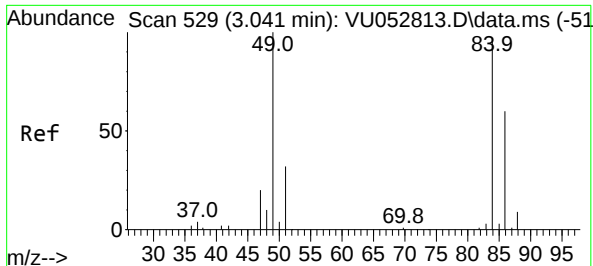
Tgt Ion: 43 Resp: 114206

Ion Ratio Lower Upper

43 100

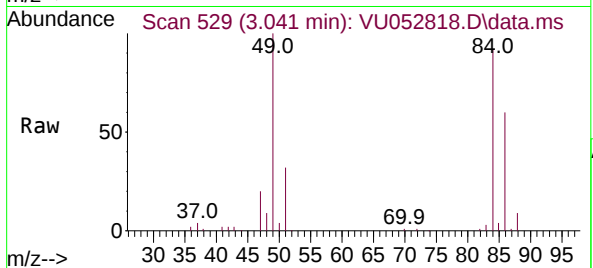
74 28.5 22.0 33.0



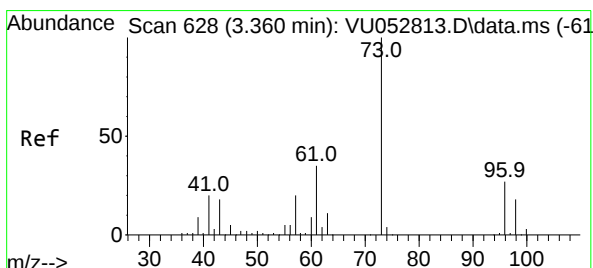
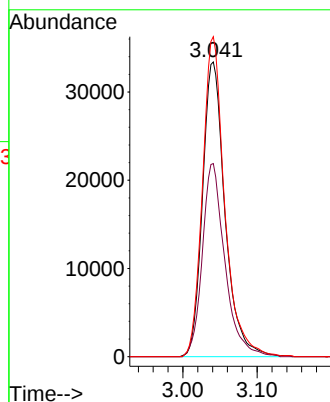
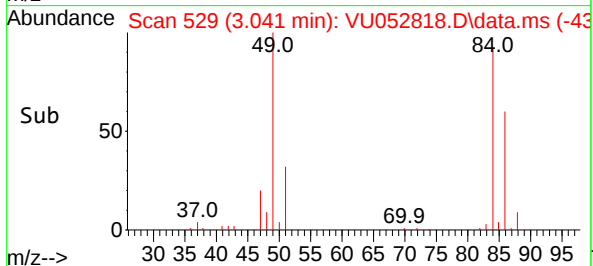


#16
Methylene chloride
Concen: 34.589 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

Instrument :
MSVOA_U
ClientSampleId :

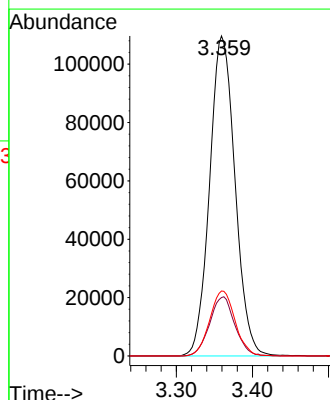
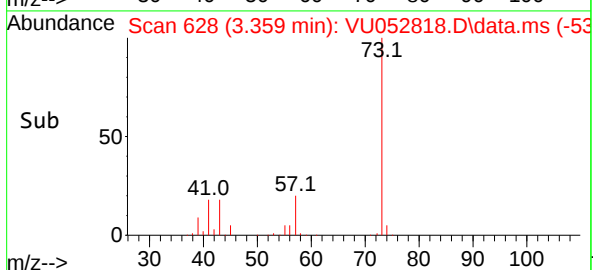
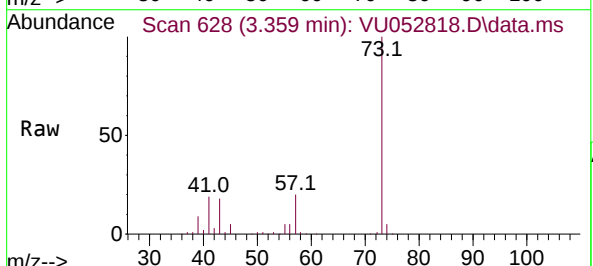


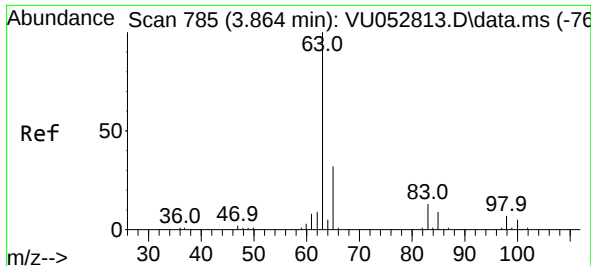
Tgt Ion: 84 Resp: 70281
Ion Ratio Lower Upper
84 100
86 65.5 43.4 80.6
49 108.6 72.4 134.5



#18
Methyl tert-butyl Ether
Concen: 46.913 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

Tgt Ion: 73 Resp: 254631
Ion Ratio Lower Upper
73 100
43 18.4 14.2 21.2
57 20.3 16.3 24.5





#19

1,1-Dichloroethane

Concen: 23.793 ug/L

RT: 3.861 min Scan# 785

Delta R.T. -0.004 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

Instrument :

MSVOA_U

ClientSampleId :

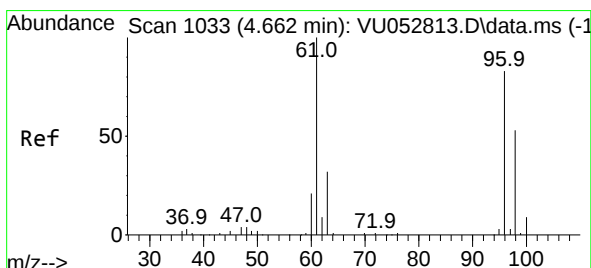
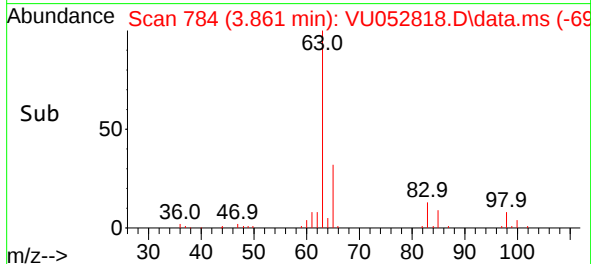
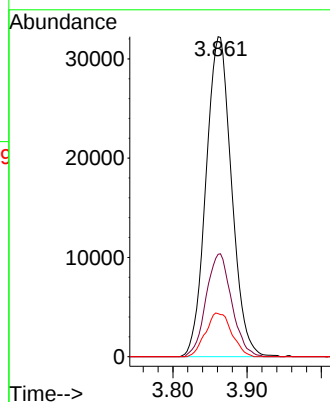
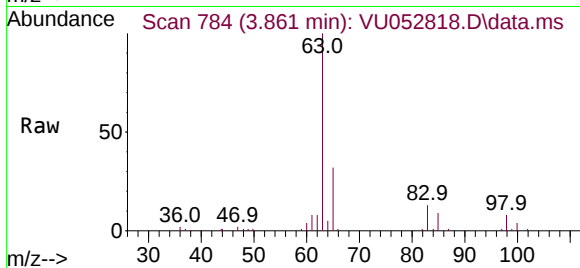
Tgt Ion: 63 Resp: 77025

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 13.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 22.900 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

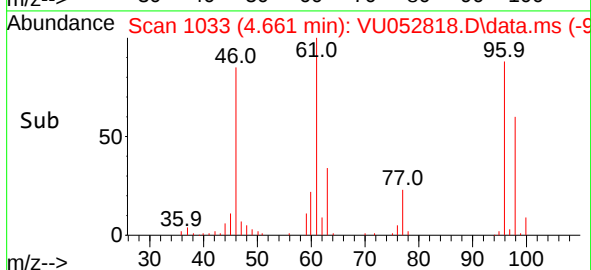
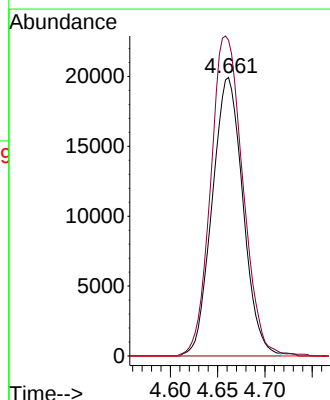
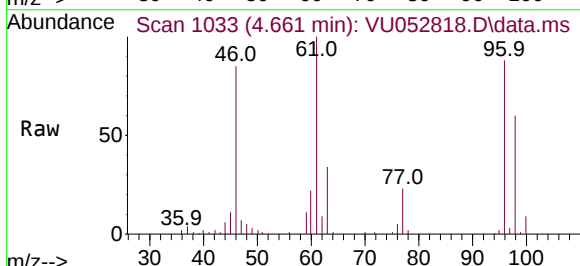
Tgt Ion: 96 Resp: 45131

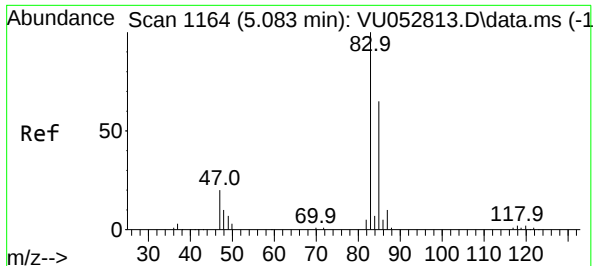
Ion Ratio Lower Upper

96 100

61 113.4 84.1 156.1

68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.489 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU052818.D

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Instrument :

MSVOA_U

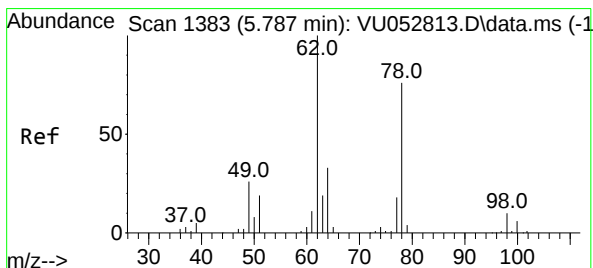
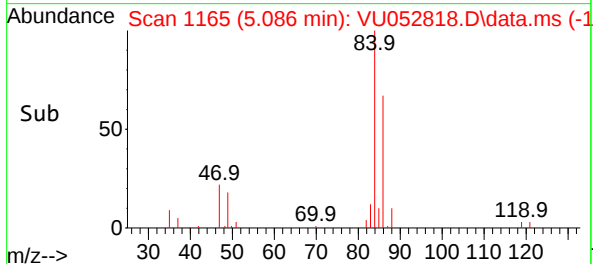
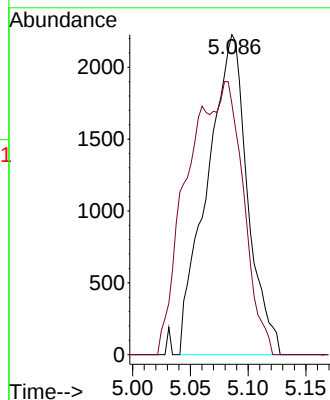
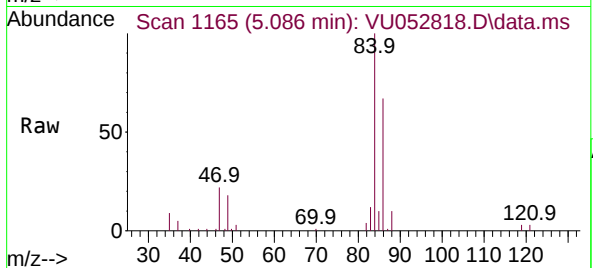
ClientSampleId :

Tgt Ion: 83 Resp: 5413

Ion Ratio Lower Upper

83 100

85 78.4 45.8 85.0



#27

1,2-Dichloroethane

Concen: 63.929 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VU052818.D

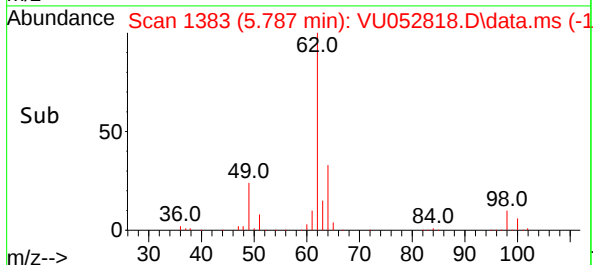
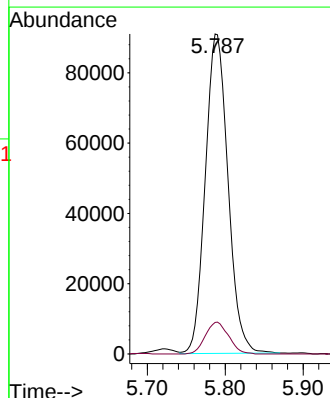
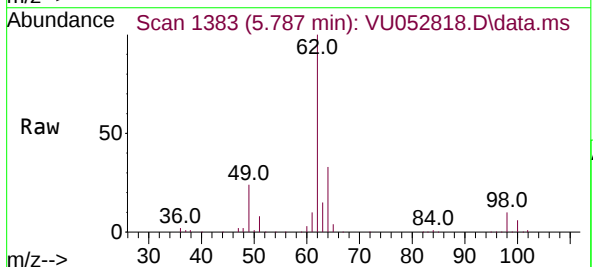
Acq: 26 Jan 2023 16:08

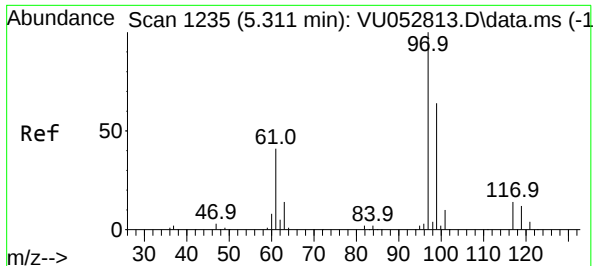
Tgt Ion: 62 Resp: 183927

Ion Ratio Lower Upper

62 100

98 9.9 7.6 11.4





#30

1,1,1-Trichloroethane

Concen: 44.012 ug/L

RT: 5.308 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

Instrument :

MSVOA_U

ClientSampleId :

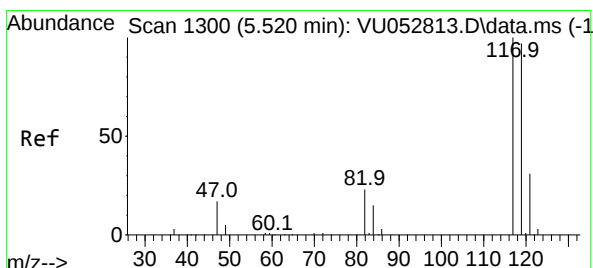
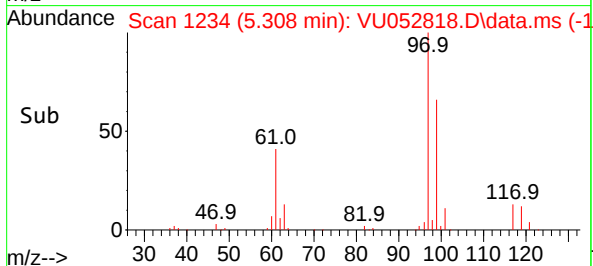
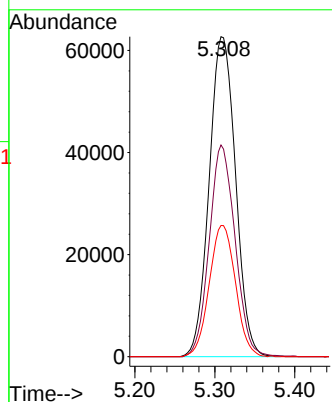
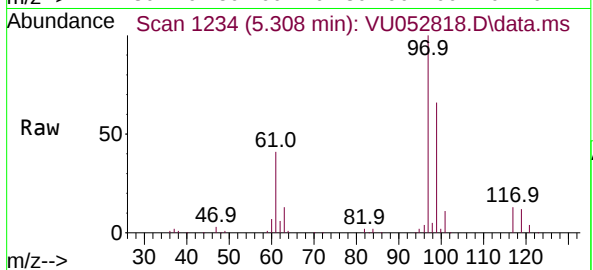
Tgt Ion: 97 Resp: 143828

Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 40.8 33.0 49.6



#31

Carbon tetrachloride

Concen: 6.292 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.209 min

Lab File: VU052818.D

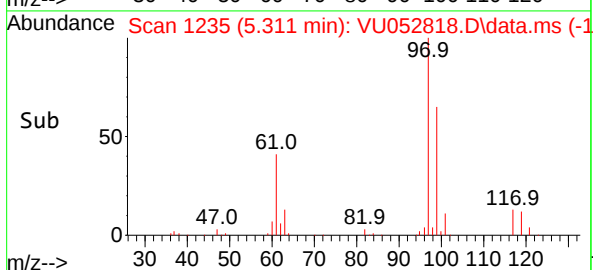
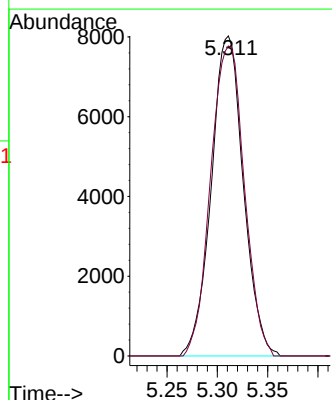
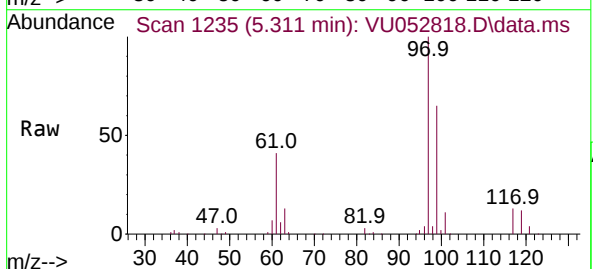
Acq: 26 Jan 2023 16:08

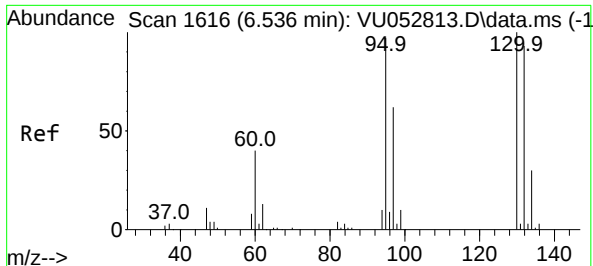
Tgt Ion: 117 Resp: 17823

Ion Ratio Lower Upper

117 100

119 101.8 76.2 114.4





#34

Trichloroethene

Concen: 76.273 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.000 min

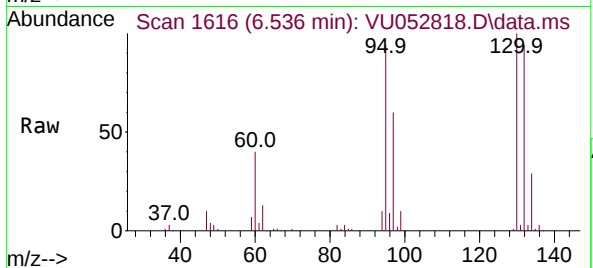
Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 146612

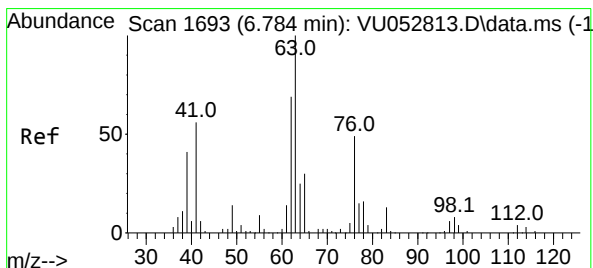
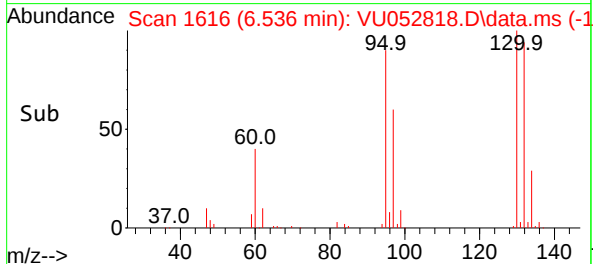
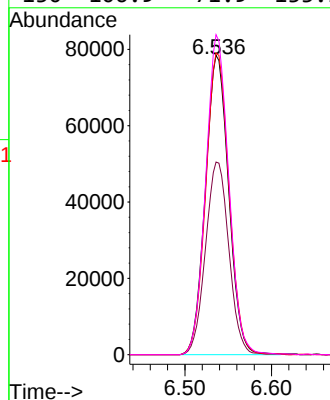
Ion Ratio Lower Upper

95 100

97 64.3 44.5 82.7

132 100.8 66.8 124.0

130 106.9 71.9 133.5



#37

1,2-Dichloropropane

Concen: 27.284 ug/L

RT: 6.787 min Scan# 1694

Delta R.T. 0.003 min

Lab File: VU052818.D

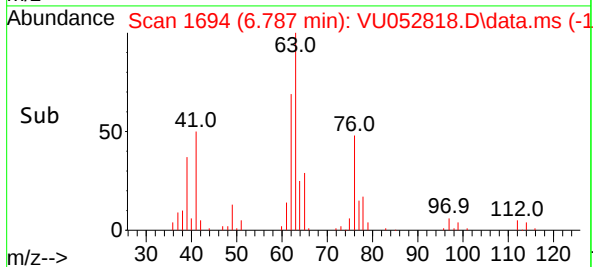
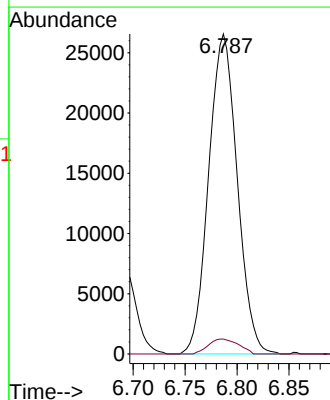
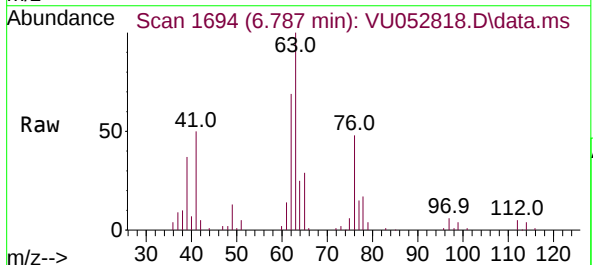
Acq: 26 Jan 2023 16:08

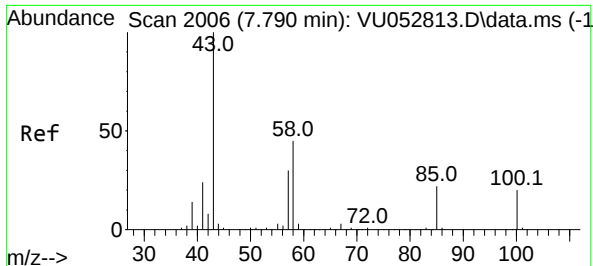
Tgt Ion: 63 Resp: 50729

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8





#40

4-Methyl-2-pentanone

Concen: 54.998 ug/L

RT: 7.809 min Scan# 2006

Delta R.T. 0.019 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

Instrument :

MSVOA_U

ClientSampleId :

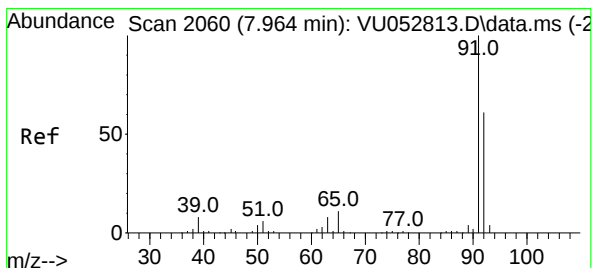
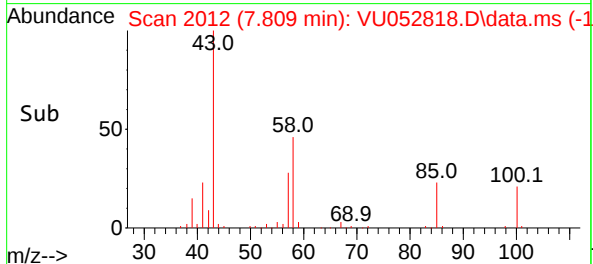
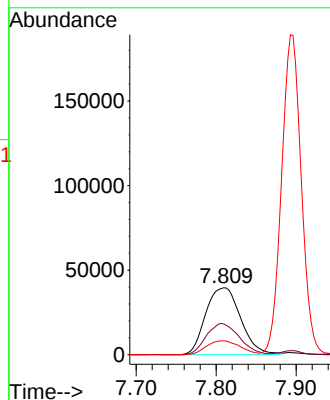
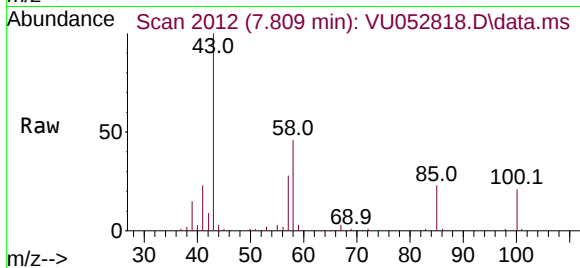
Tgt Ion: 43 Resp: 120473

Ion Ratio Lower Upper

43 100

58 44.0 35.4 53.2

100 19.9 16.0 24.0



#42

Toluene

Concen: 34.376 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052818.D

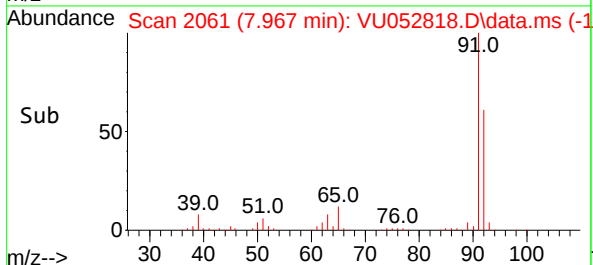
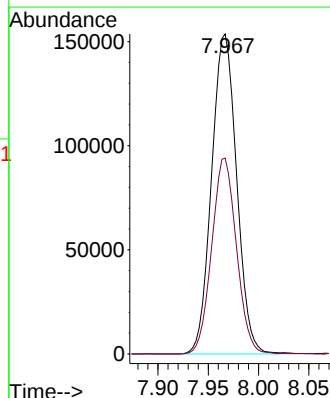
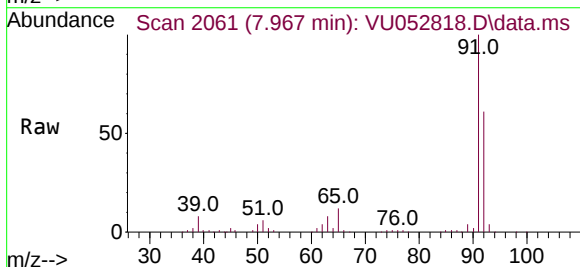
Acq: 26 Jan 2023 16:08

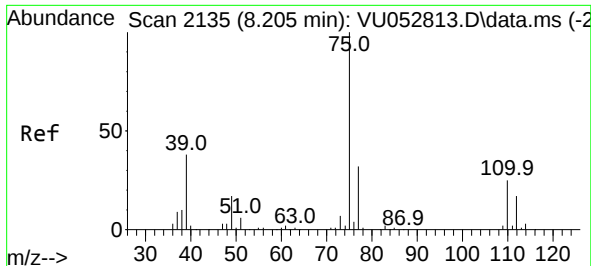
Tgt Ion: 91 Resp: 266444

Ion Ratio Lower Upper

91 100

92 61.2 42.6 79.0

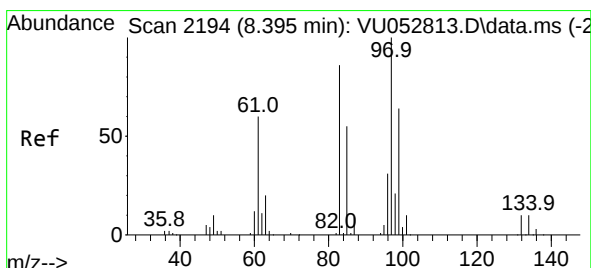
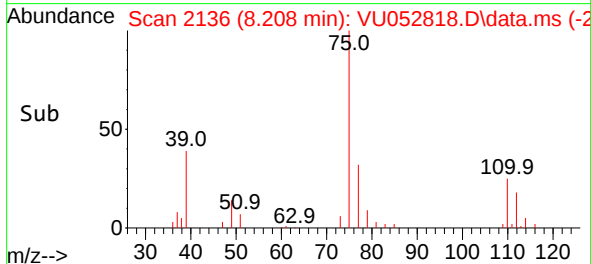
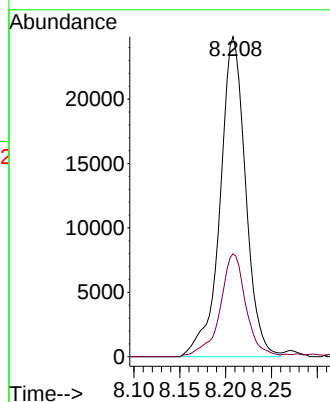
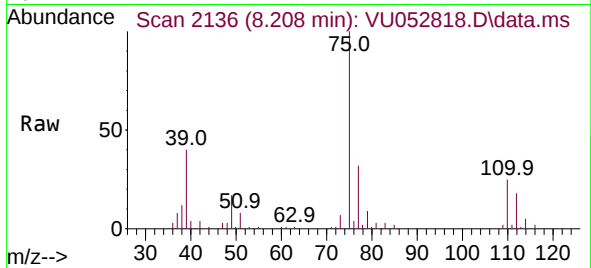




#44
trans-1,3-Dichloropropene
Concen: 16.792 ug/L
RT: 8.208 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

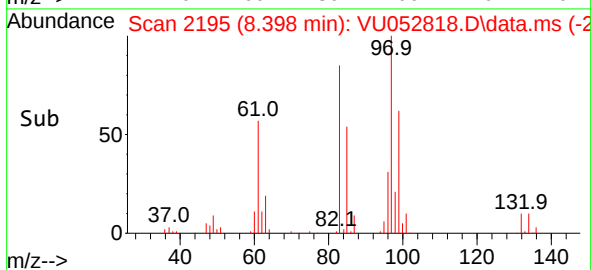
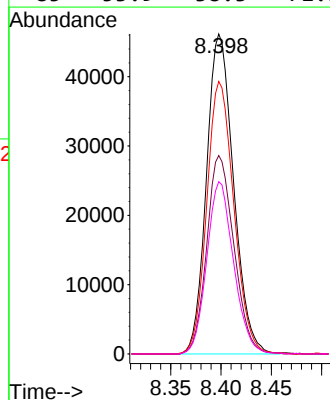
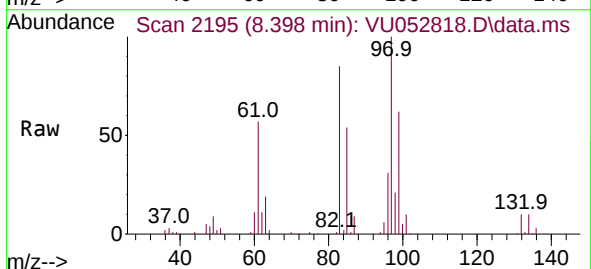
Instrument :
MSVOA_U
ClientSampleId :

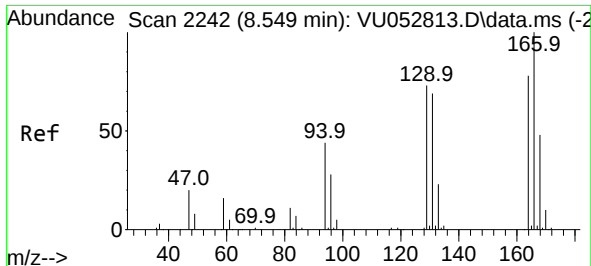
Tgt Ion: 75 Resp: 48063
Ion Ratio Lower Upper
75 100
77 32.2 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 45.493 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

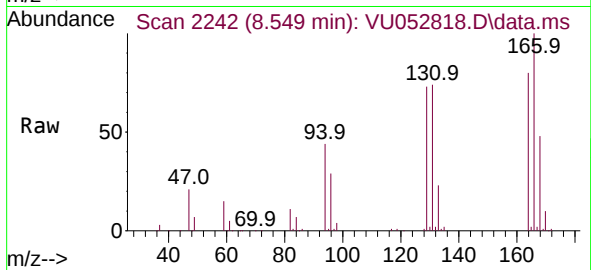
Tgt Ion: 97 Resp: 86498
Ion Ratio Lower Upper
97 100
99 62.0 44.7 83.1
83 85.1 60.3 112.1
85 53.9 38.3 71.1





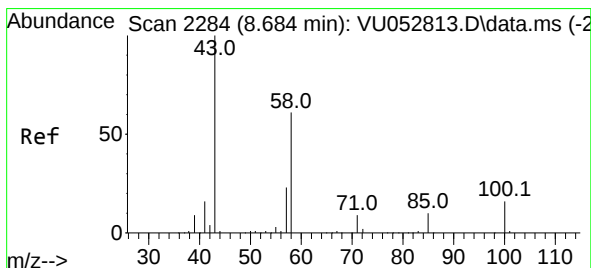
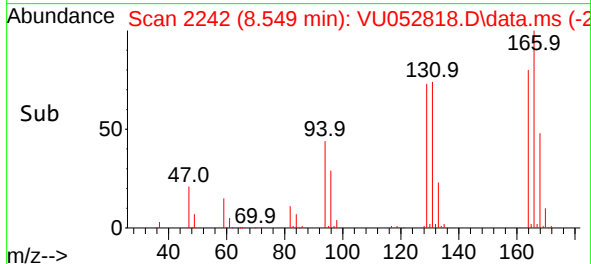
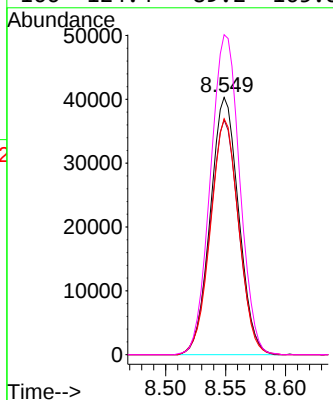
#46
Tetrachloroethene
Concen: 40.104 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 66380

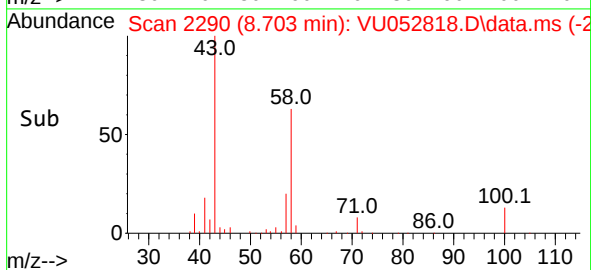
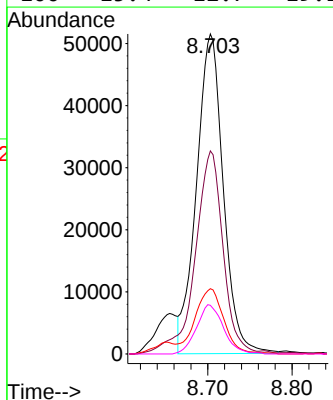
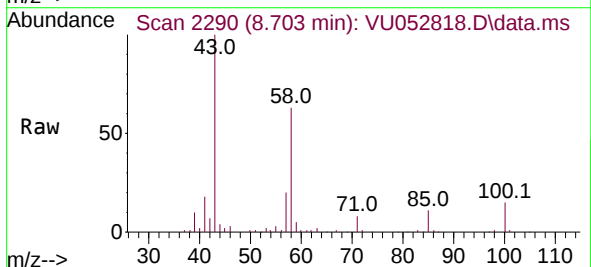
Ion	Ratio	Lower	Upper
164	100		
129	91.2	64.8	120.3
131	91.7	61.2	113.6
166	124.4	89.2	165.8

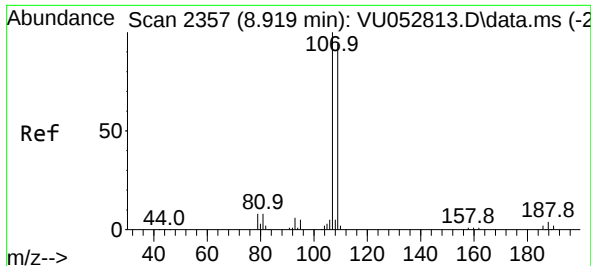


#48
2-Hexanone
Concen: 61.589 ug/L
RT: 8.703 min Scan# 2290
Delta R.T. 0.019 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

Tgt Ion: 43 Resp: 114132

Ion	Ratio	Lower	Upper
43	100		
58	65.7	48.0	72.0
57	21.6	16.8	25.2
100	15.4	12.7	19.1





#50

1,2-Dibromoethane

Concen: 44.040 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.003 min

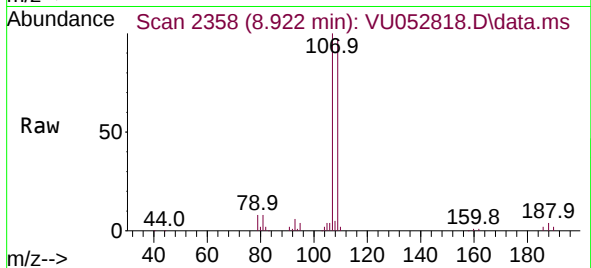
Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

Instrument :

MSVOA_U

ClientSampleId :



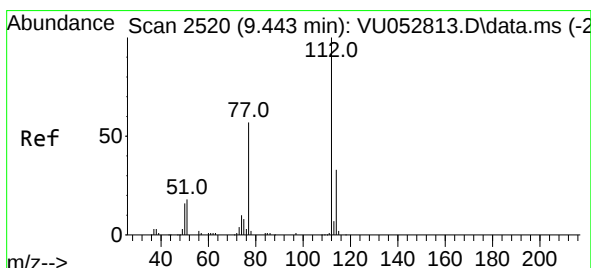
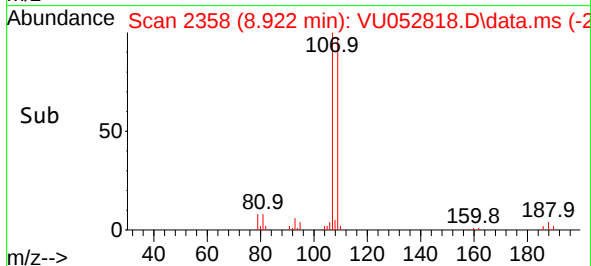
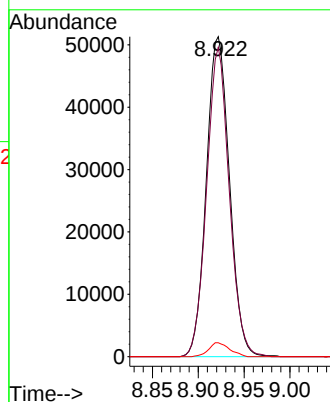
Tgt Ion:107 Resp: 90123

Ion Ratio Lower Upper

107 100

109 96.7 65.5 121.6

188 4.4 3.2 4.8



#51

Chlorobenzene

Concen: 56.306 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

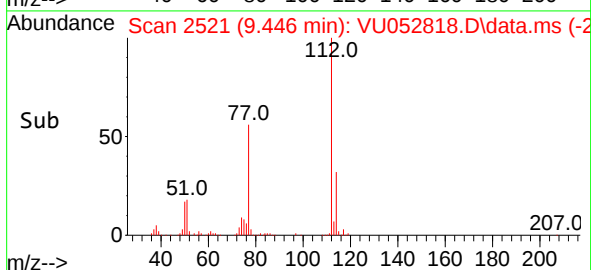
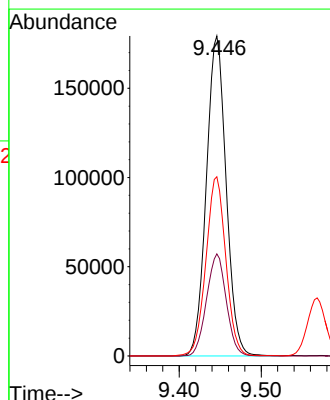
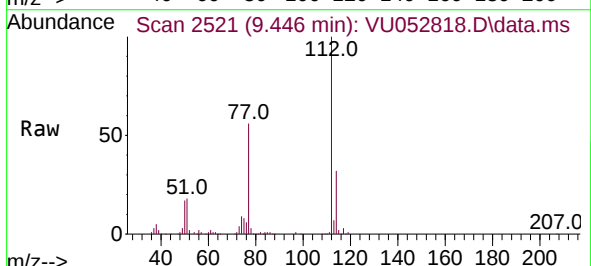
Tgt Ion:112 Resp: 300250

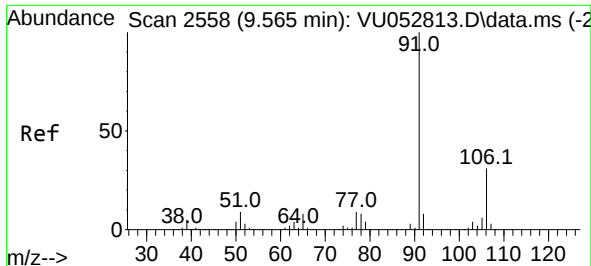
Ion Ratio Lower Upper

112 100

114 31.9 22.8 42.4

77 56.0 45.9 68.9

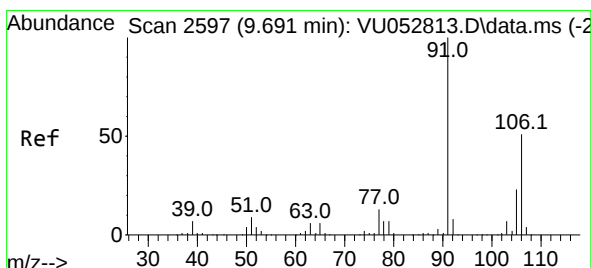
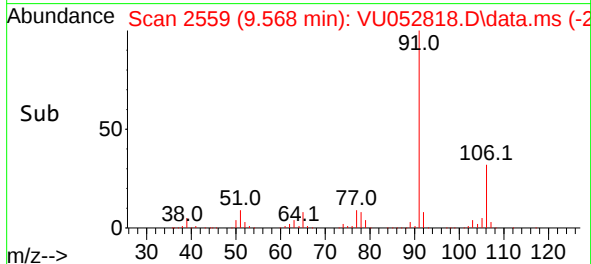
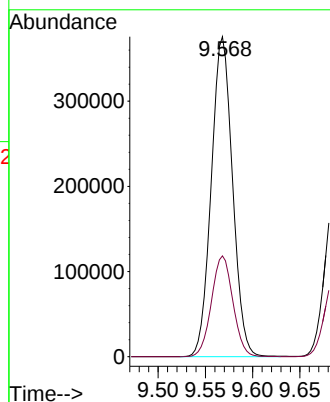
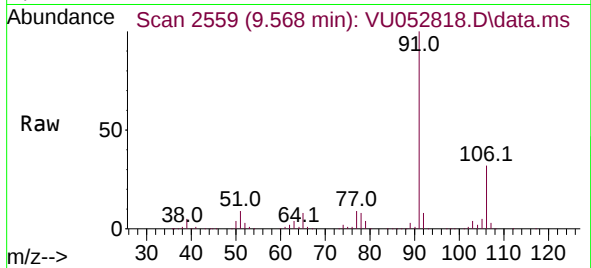




#52
Ethylbenzene
Concen: 70.902 ug/L
RT: 9.568 min Scan# 2558
Delta R.T. 0.003 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

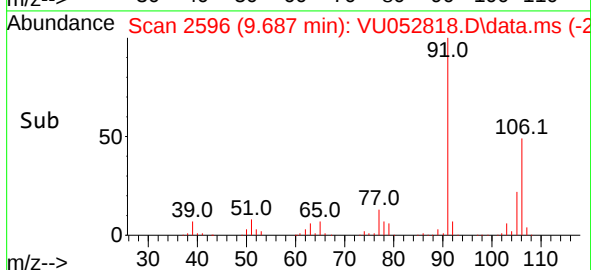
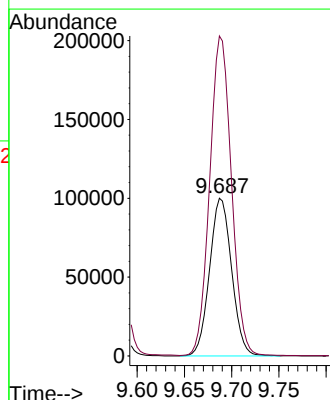
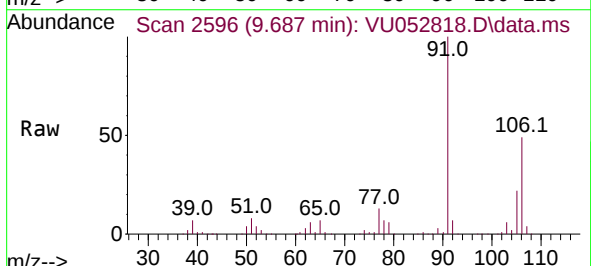
Instrument :
MSVOA_U
ClientSampleId :

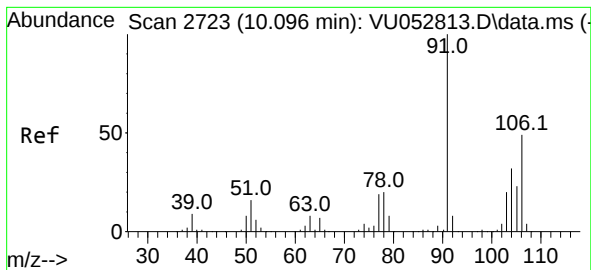
Tgt Ion: 91 Resp: 587284
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8



#53
m,p-Xylene
Concen: 48.459 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.004 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

Tgt Ion:106 Resp: 162494
Ion Ratio Lower Upper
106 100
91 202.9 137.4 255.2





#54

o-xylene

Concen: 23.999 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

Instrument :

MSVOA_U

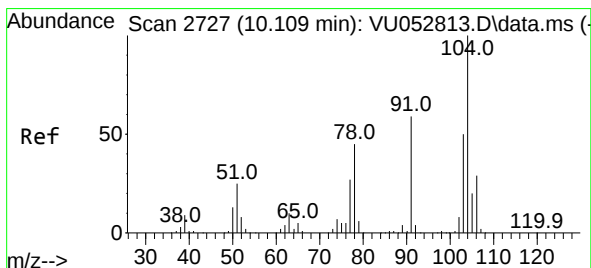
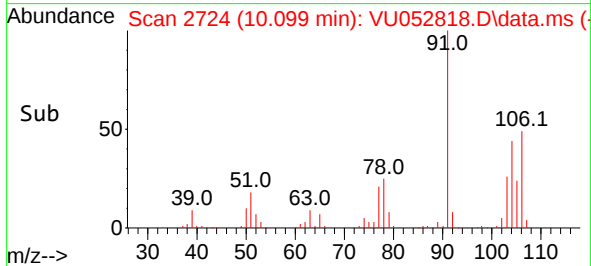
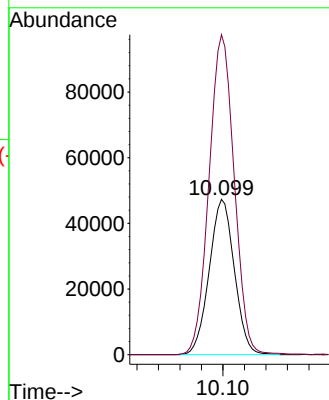
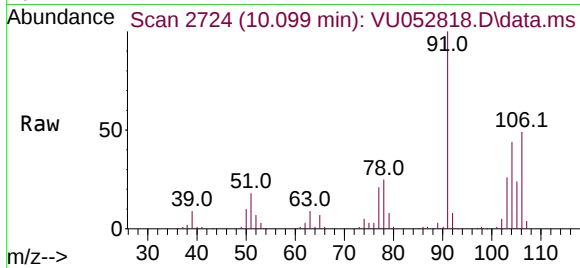
ClientSampleId :

Tgt Ion:106 Resp: 76824

Ion Ratio Lower Upper

106 100

91 206.0 143.4 266.2



#55

Styrene

Concen: 38.491 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.006 min

Lab File: VU052818.D

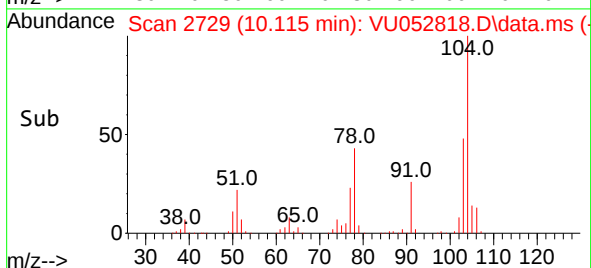
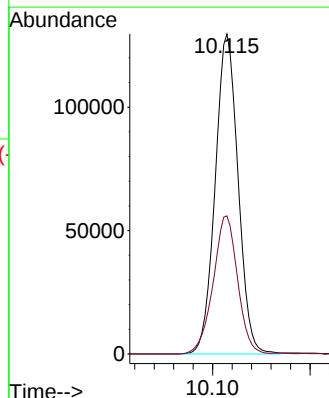
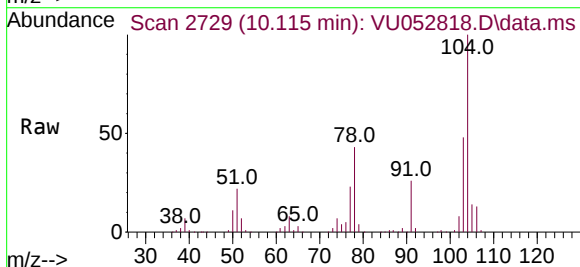
Acq: 26 Jan 2023 16:08

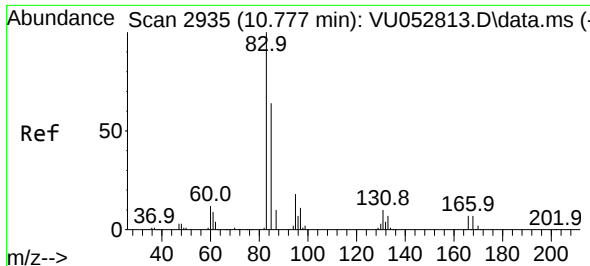
Tgt Ion:104 Resp: 211440

Ion Ratio Lower Upper

104 100

78 43.2 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 74.920 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.006 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

Instrument :

MSVOA_U

ClientSampleId :

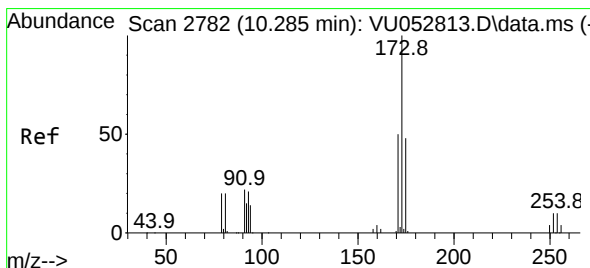
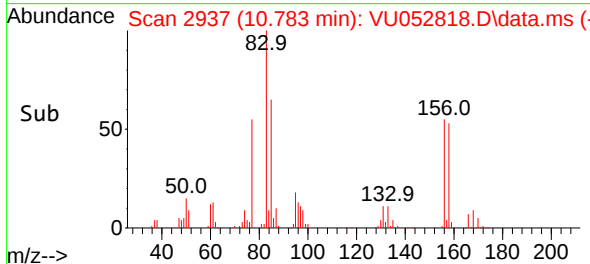
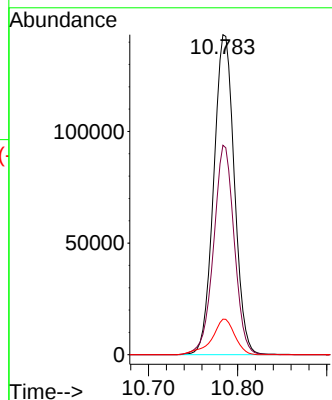
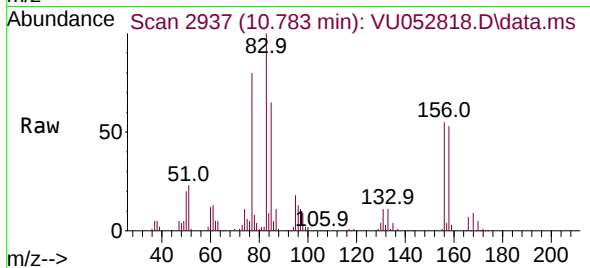
Tgt Ion: 83 Resp: 230532

Ion Ratio Lower Upper

83 100

85 65.5 45.0 83.6

131 11.1 8.6 12.8



#59

Bromoform

Concen: 23.314 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.009 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

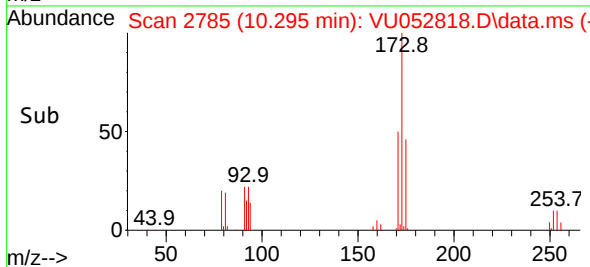
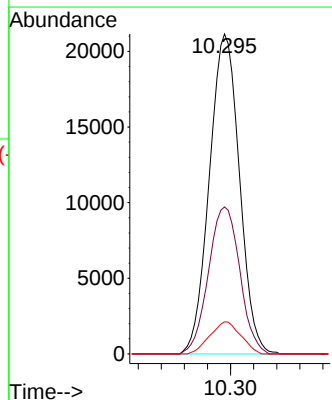
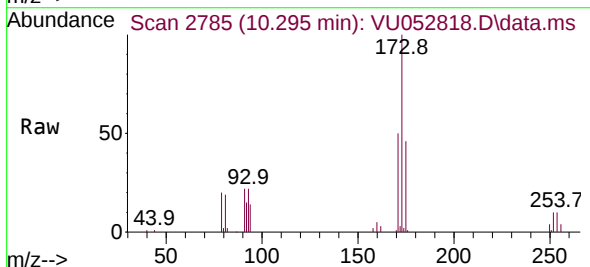
Tgt Ion:173 Resp: 38174

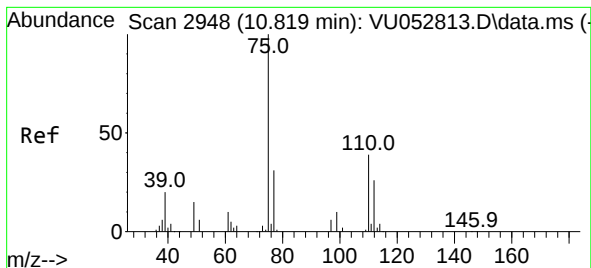
Ion Ratio Lower Upper

173 100

175 48.0 37.7 56.5

254 10.3 8.3 12.5





#60

1,2,3-Trichloropropane

Concen: 6.697 ug/L

RT: 10.783 min Scan# 2948

Delta R.T. -0.036 min

Lab File: VU052818.D

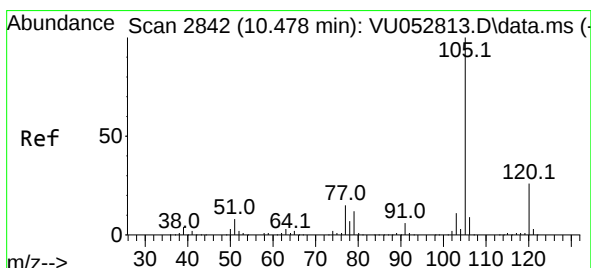
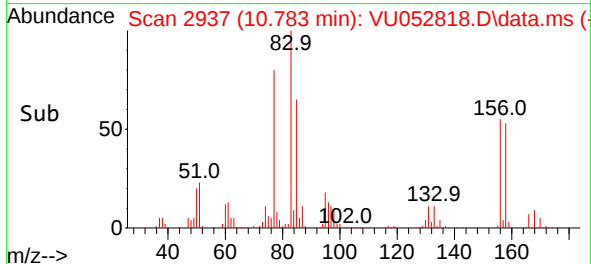
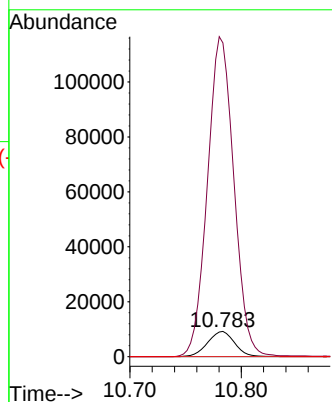
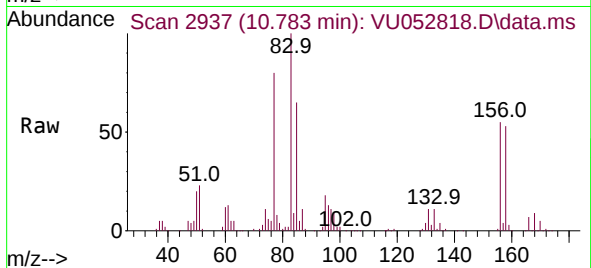
Acq: 26 Jan 2023 16:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	15522
Ion	Ratio	Lower	Upper
75	100		
77	1238.5	25.8	38.8#
110	0.0	32.4	48.6#



#61

Isopropylbenzene

Concen: 51.349 ug/L

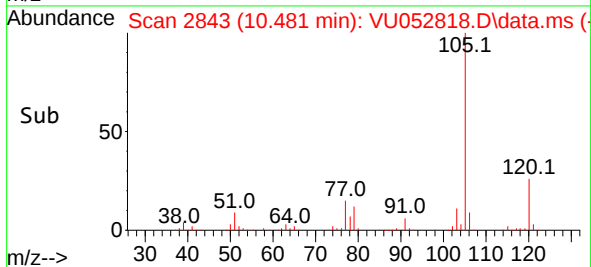
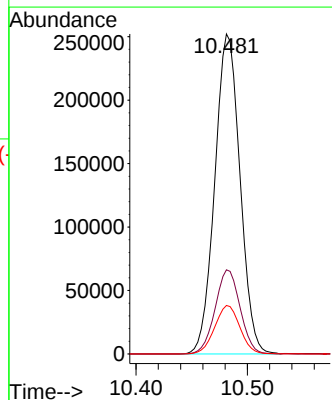
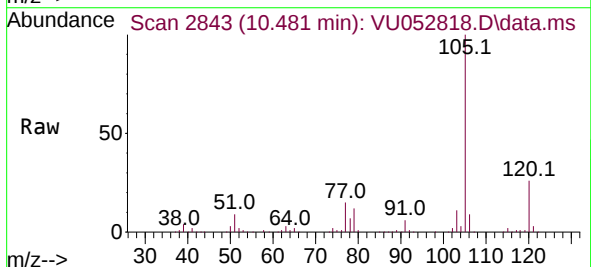
RT: 10.481 min Scan# 2843

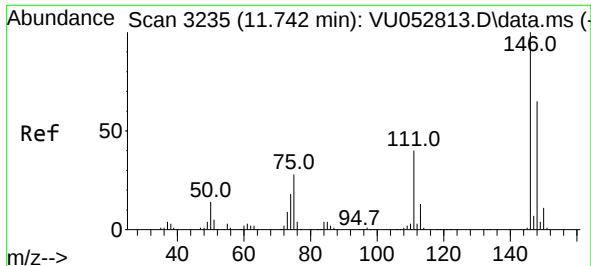
Delta R.T. 0.003 min

Lab File: VU052818.D

Acq: 26 Jan 2023 16:08

Tgt Ion:	105	Resp:	396265
Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.4	32.2
77	15.2	12.2	18.2

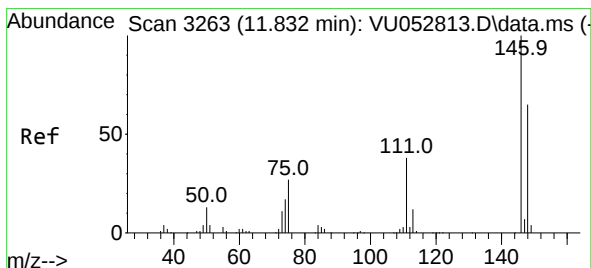
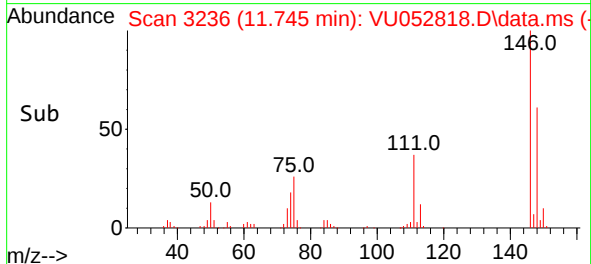
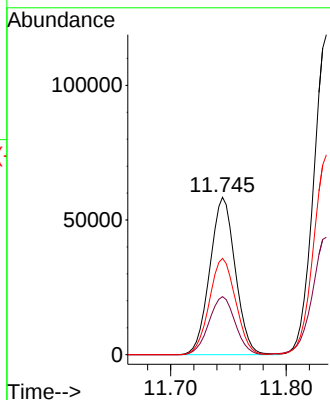
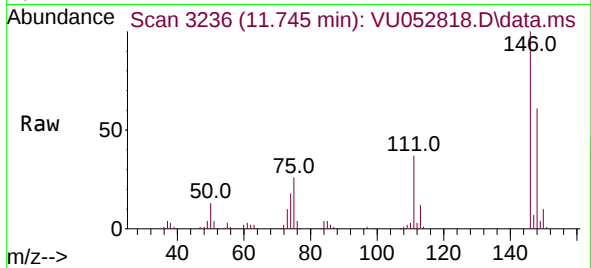




#64
 1,3-Dichlorobenzene
 Concen: 22.974 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU052818.D
 Acq: 26 Jan 2023 16:08

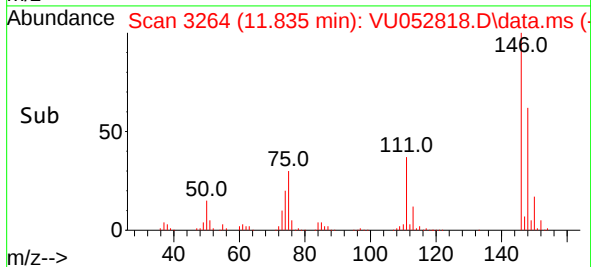
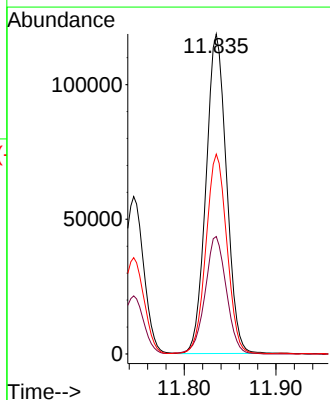
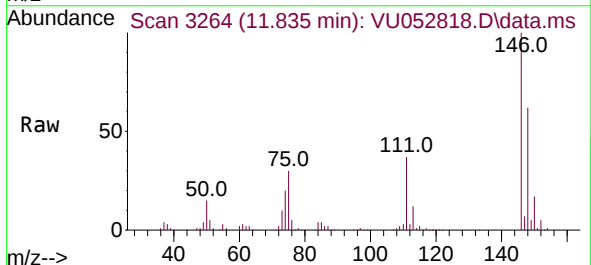
Instrument :
 MSVOA_U
 ClientSampleId :

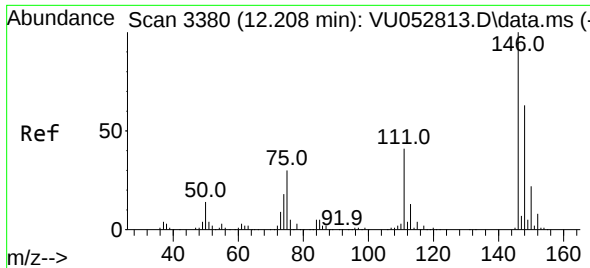
Tgt Ion:146 Resp: 89450
 Ion Ratio Lower Upper
 146 100
 111 36.9 27.8 51.6
 148 61.2 45.5 84.5



#65
 1,4-Dichlorobenzene
 Concen: 45.726 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU052818.D
 Acq: 26 Jan 2023 16:08

Tgt Ion:146 Resp: 184307
 Ion Ratio Lower Upper
 146 100
 111 36.7 26.7 49.7
 148 62.5 45.6 84.6

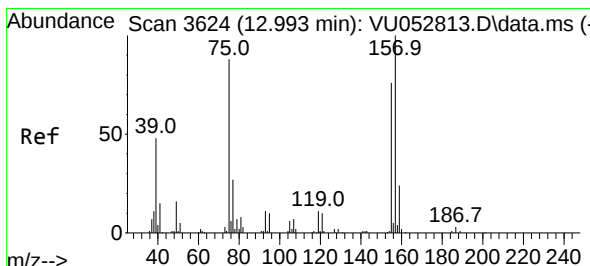
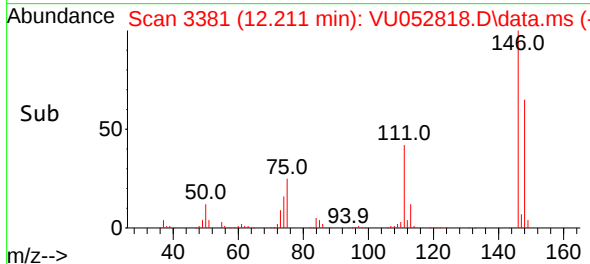
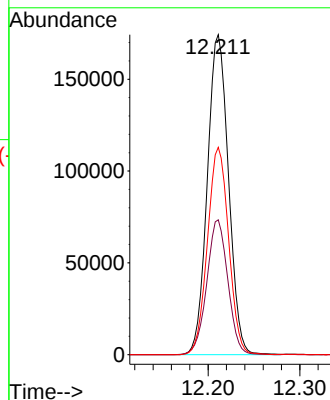
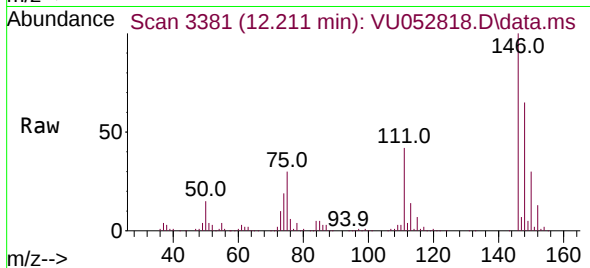




#67
1,2-Dichlorobenzene
Concen: 70.950 ug/L
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

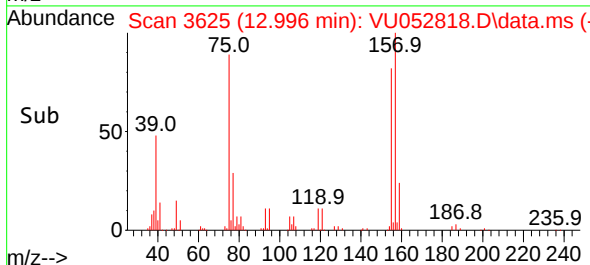
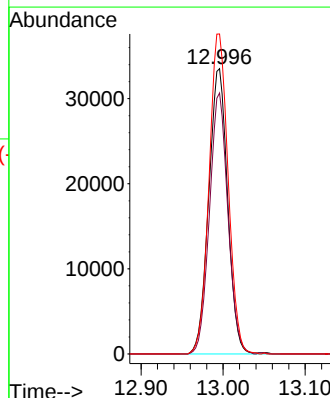
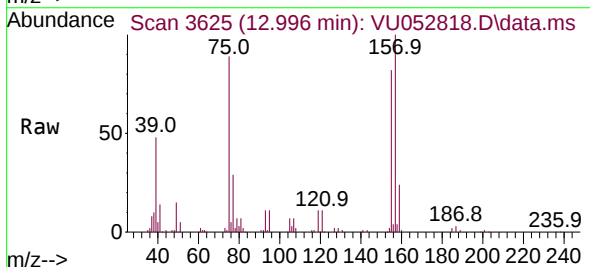
Instrument :
MSVOA_U
ClientSampleId :

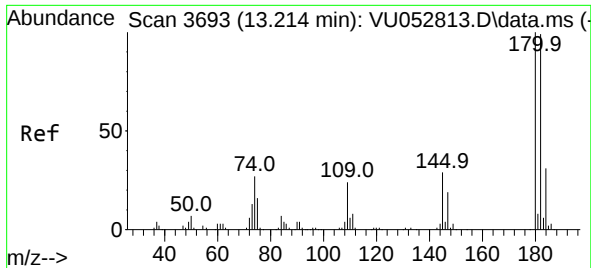
Tgt Ion:146 Resp: 279411
Ion Ratio Lower Upper
146 100
111 42.1 33.2 49.8
148 64.8 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 80.949 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU052818.D
Acq: 26 Jan 2023 16:08

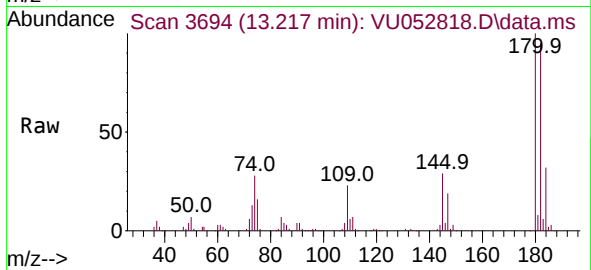
Tgt Ion: 75 Resp: 53780
Ion Ratio Lower Upper
75 100
155 91.5 69.2 103.8
157 116.5 91.2 136.8



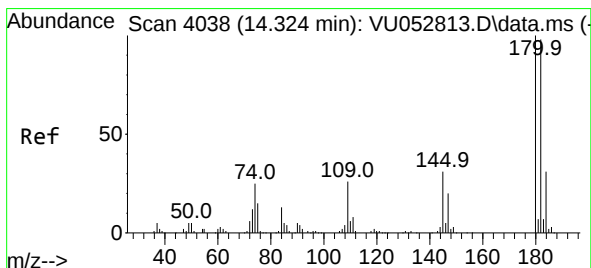
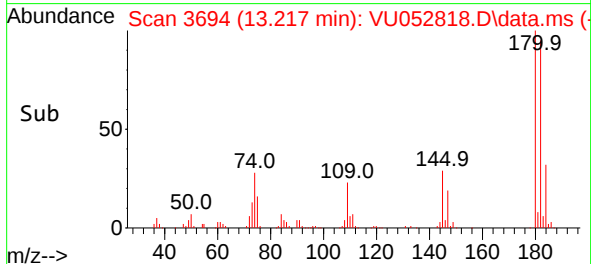
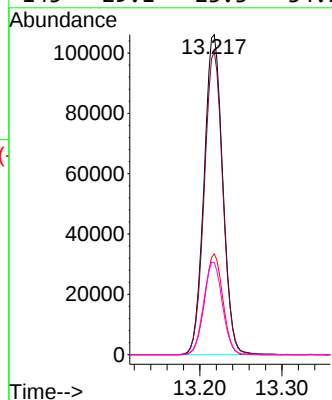


#69
 1,3,5-Trichlorobenzene
 Concen: 58.118 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU052818.D
 Acq: 26 Jan 2023 16:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 167519
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.0 115.6
 184 30.5 24.4 36.6
 145 29.1 23.3 34.9



#72
 1,2,3-Trichlorobenzene
 Concen: 40.368 ug/L
 RT: 14.327 min Scan# 4039
 Delta R.T. 0.003 min
 Lab File: VU052818.D
 Acq: 26 Jan 2023 16:08

Tgt Ion:180 Resp: 103096
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.5 116.3
 145 30.7 24.2 36.4

