

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021924\
 Data File : VU057880.D
 Acq On : 19 Feb 2024 12:34
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 20 01:03:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 20 01:02:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	202600	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	207409	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116843	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	87887	54.197	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.400%
7) Chloroethane-d5	1.895	69	67712	53.824	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.640%
11) 1,1-Dichloroethene-d2	2.560	63	147712	49.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.200%
21) 2-Butanone-d5	4.611	46	88486	98.322	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.320%
24) Chloroform-d	5.052	84	160541	55.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.620%
26) 1,2-Dichloroethane-d4	5.692	65	104840	57.492	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.980%
32) Benzene-d6	5.718	84	320486	51.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.300%
36) 1,2-Dichloropropane-d6	6.682	67	103328	52.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.440%
41) Toluene-d8	7.891	98	290388	51.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.240%
43) trans-1,3-Dichloroprop...	8.174	79	51133	52.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.660%
47) 2-Hexanone-d5	8.627	63	75843	93.903	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	137196	53.263	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.520%
66) 1,2-Dichlorobenzene-d4	12.187	152	107710	47.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62179	34.713	ug/L	99
3) Chloromethane	1.515	50	61850	36.921	ug/L	99
5) Vinyl chloride	1.602	62	66385	37.508	ug/L	97
6) Bromomethane	1.833	94	42901	39.402	ug/L	98
8) Chloroethane	1.917	64	48349	45.760	ug/L	100
9) Trichlorofluoromethane	2.129	101	109703	44.329	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	73850	50.559	ug/L	99
13) Acetone	2.612	43	107270	92.782	ug/L	100
14) Carbon disulfide	2.785	76	84812	20.588	ug/L	97
15) Methyl Acetate	2.933	43	91425	62.157	ug/L	97
16) Methylene chloride	3.033	84	86726	56.269	ug/L	92
17) trans-1,2-Dichloroethene	3.341	96	60543	44.537	ug/L	97
18) Methyl tert-butyl Ether	3.348	73	316626	66.351	ug/L	99
19) 1,1-Dichloroethane	3.856	63	167123	61.260	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	89370	56.956	ug/L	97
22) 2-Butanone	4.685	43	138929	112.759	ug/L	98
23) Bromochloromethane	4.965	128	44944	58.425	ug/L	98
25) Chloroform	5.078	83	178038	63.726	ug/L	100
27) 1,2-Dichloroethane	5.785	62	143828	62.167	ug/L	100

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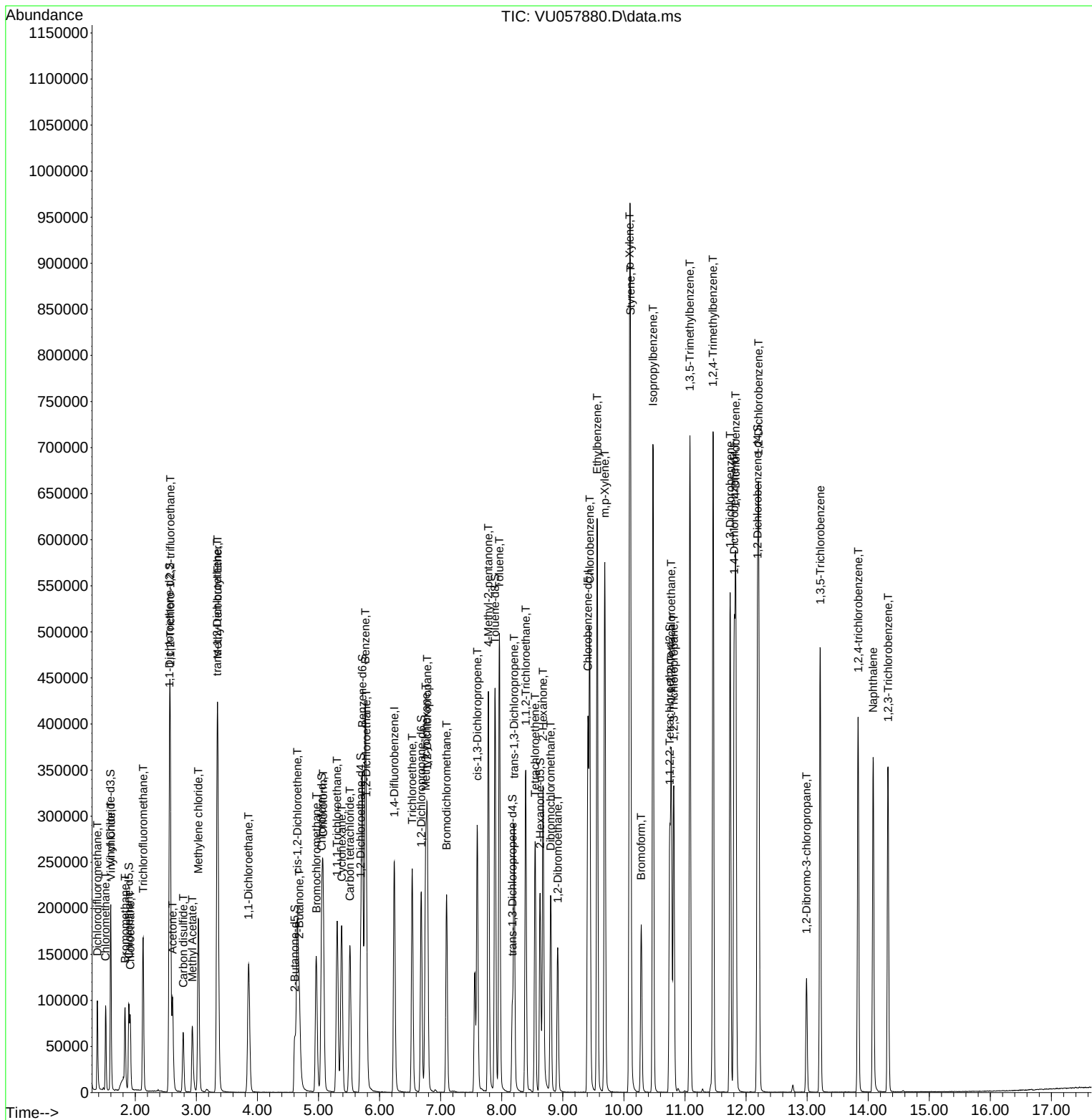
Instrument :
 MSVOA_U
 ClientSampleId :

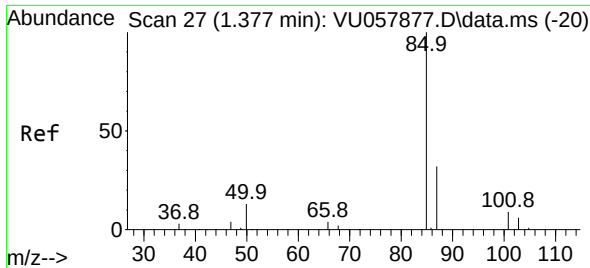
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.380	56	95418	35.355	ug/L	96
30) 1,1,1-Trichloroethane	5.306	97	134250	50.183	ug/L	100
31) Carbon tetrachloride	5.515	117	108464	46.566	ug/L	99
33) Benzene	5.766	78	332829	50.692	ug/L	100
34) Trichloroethene	6.534	95	84500	47.862	ug/L	97
35) Methylcyclohexane	6.756	83	102835	36.409	ug/L	98
37) 1,2-Dichloropropane	6.782	63	109005	60.555	ug/L	99
38) Bromodichloromethane	7.097	83	140375	61.936	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	171881	58.909	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	291352	130.024	ug/L	99
42) Toluene	7.962	91	356127	51.789	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	163301	60.963	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	104802	63.051	ug/L	98
46) Tetrachloroethene	8.547	164	57005	46.551	ug/L	96
48) 2-Hexanone	8.676	43	223767	114.793	ug/L	98
49) Dibromochloromethane	8.801	129	107578	64.171	ug/L	98
50) 1,2-Dibromoethane	8.917	107	102715	57.837	ug/L	97
51) Chlorobenzene	9.441	112	252490	57.814	ug/L	97
52) Ethylbenzene	9.563	91	431572	55.326	ug/L	99
53) m,p-Xylene	9.688	106	158679	55.351	ug/L	93
54) o-Xylene	10.094	106	162992	58.389	ug/L	97
55) Styrene	10.110	104	288850	61.987	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	181164	67.631	ug/L	99
59) Bromoform	10.283	173	79250	58.388	ug/L #	98
60) 1,2,3-Trichloropropane	10.817	75	139927	57.210	ug/L	98
61) Isopropylbenzene	10.479	105	445336	52.173	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	385106	53.763	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	390994	54.538	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	207576	56.126	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	210572	55.509	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	208806	56.005	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	32483	52.361	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	140153	53.805	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	117323	52.726	ug/L	99
71) Naphthalene	14.081	128	285361	47.839	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	103531	49.725	ug/L	99

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

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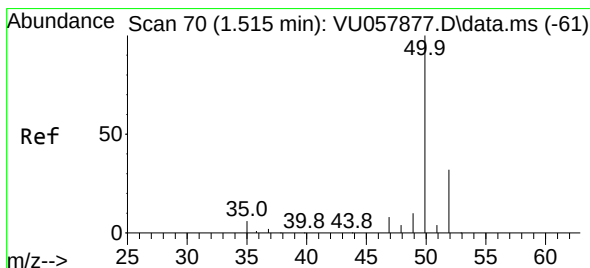
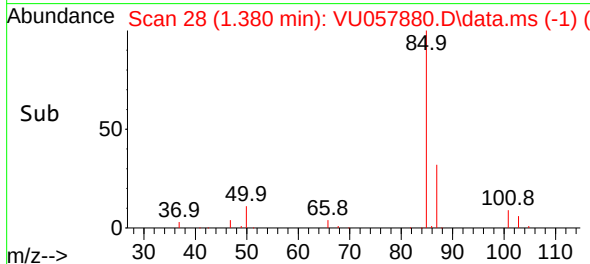
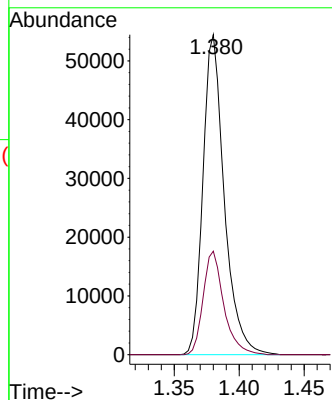
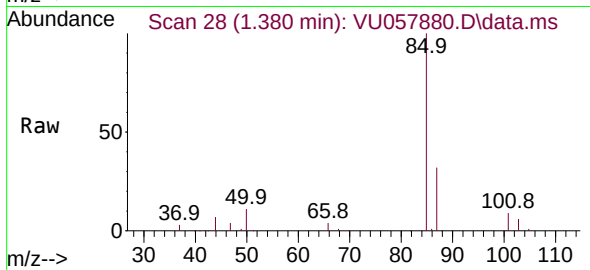




#2
Dichlorodifluoromethane
Concen: 34.713 ug/L
RT: 1.380 min Scan# 27
Delta R.T. 0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

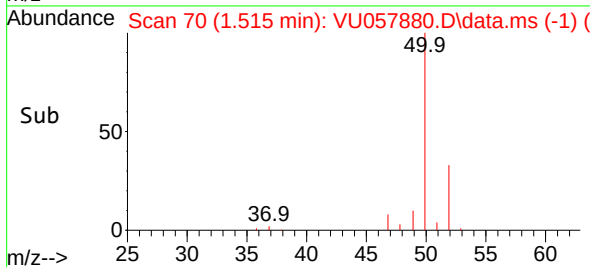
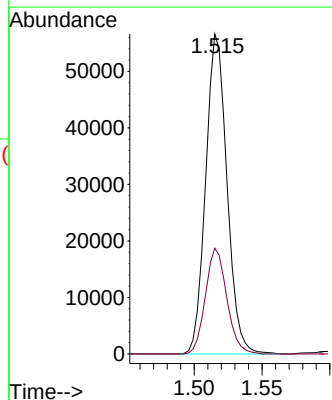
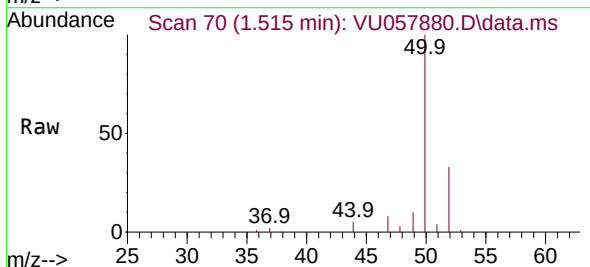
Instrument :
MSVOA_U
ClientSampleId :

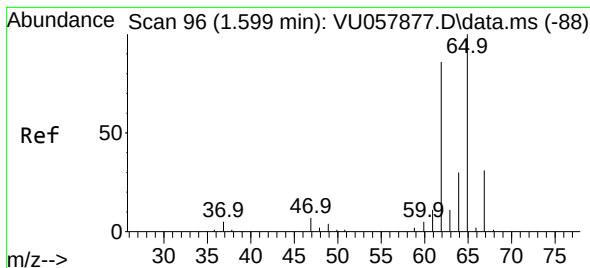
Tgt Ion: 85 Resp: 62179
Ion Ratio Lower Upper
85 100
87 31.3 25.4 38.0



#3
Chloromethane
Concen: 36.921 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion: 50 Resp: 61850
Ion Ratio Lower Upper
50 100
52 33.1 23.7 43.9





#5

Vinyl chloride

Concen: 37.508 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

Instrument :

MSVOA_U

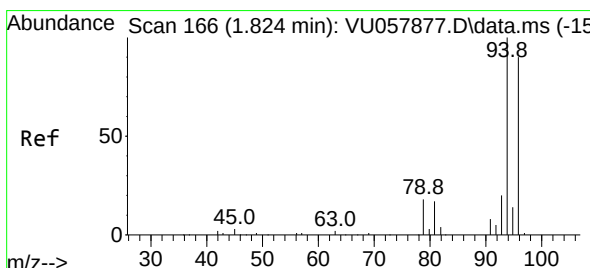
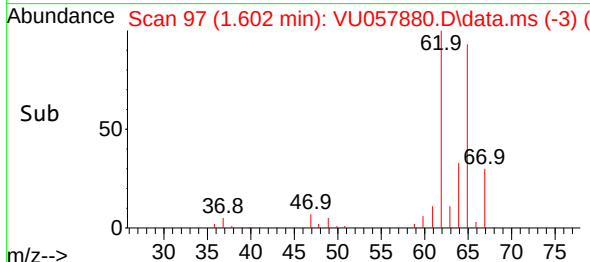
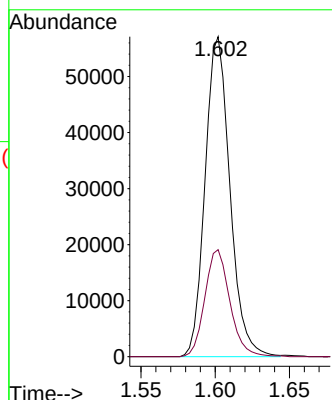
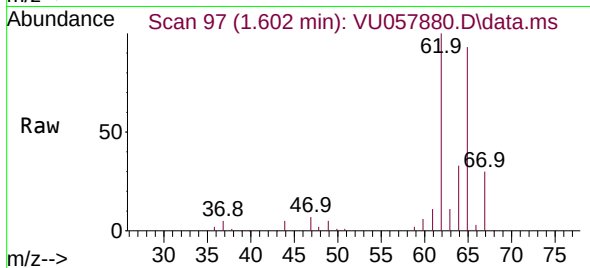
ClientSampleId :

Tgt Ion: 62 Resp: 66385

Ion Ratio Lower Upper

62 100

64 33.5 22.1 41.1



#6

Bromomethane

Concen: 39.402 ug/L

RT: 1.833 min Scan# 169

Delta R.T. 0.010 min

Lab File: VU057880.D

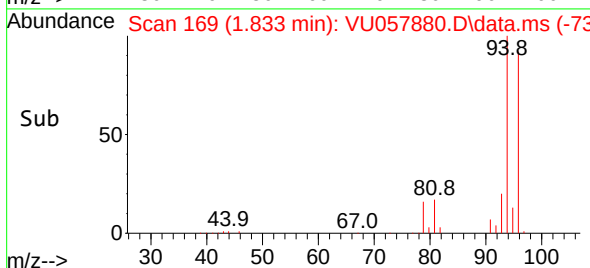
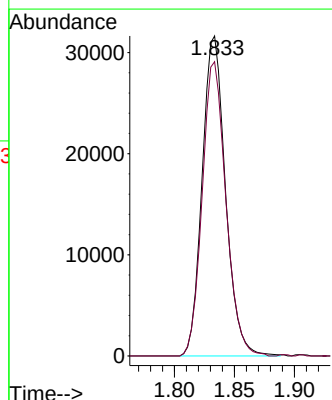
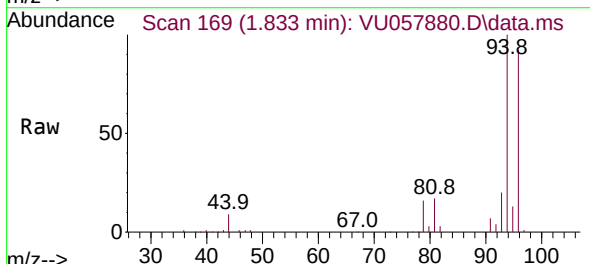
Acq: 19 Feb 2024 12:34

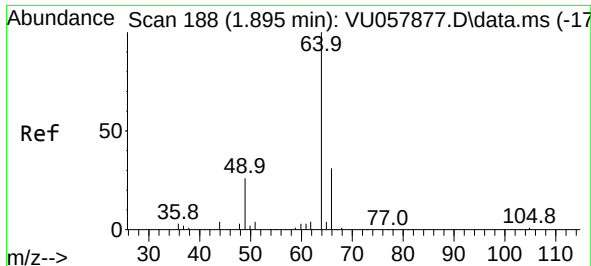
Tgt Ion: 94 Resp: 42901

Ion Ratio Lower Upper

94 100

96 92.0 66.0 122.6

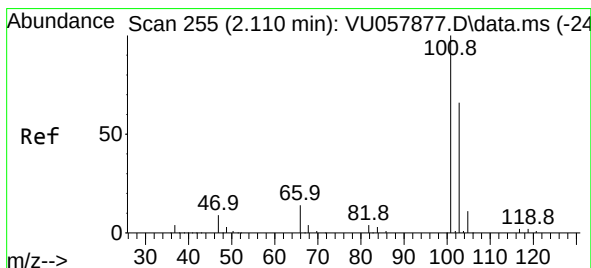
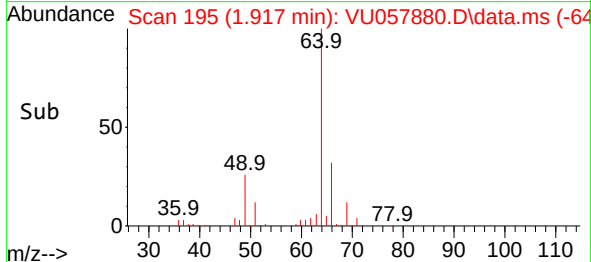
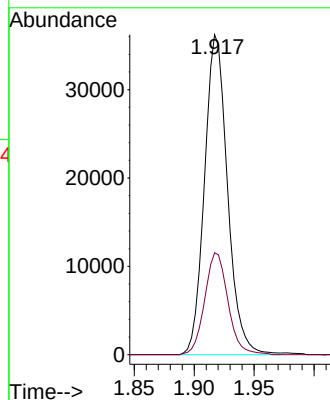
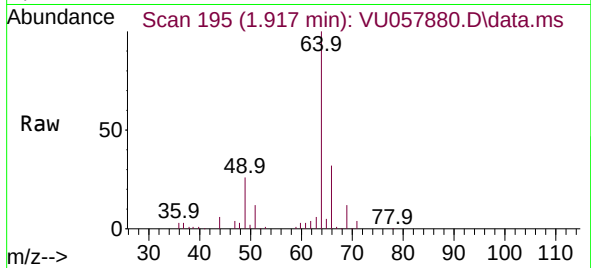




#8
Chloroethane
Concen: 45.760 ug/L
RT: 1.917 min Scan# 195
Delta R.T. 0.022 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

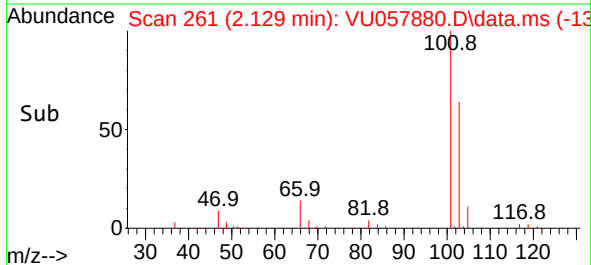
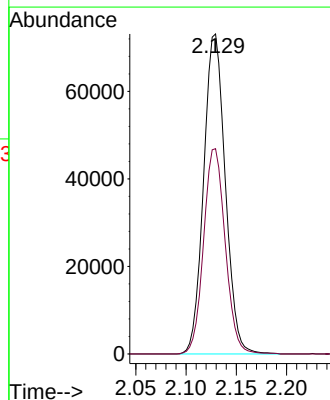
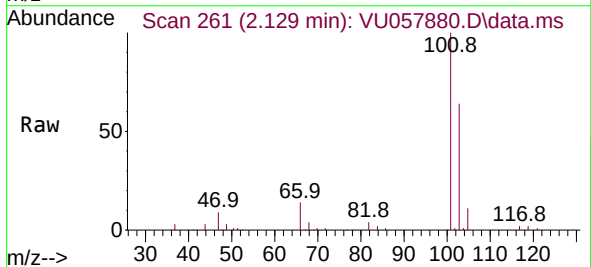
Instrument :
MSVOA_U
ClientSampleId :

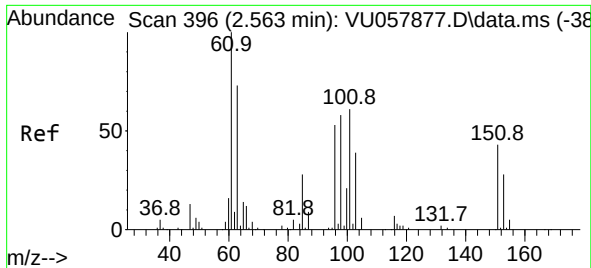
Tgt Ion: 64 Resp: 48349
Ion Ratio Lower Upper
64 100
66 31.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 44.329 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.019 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

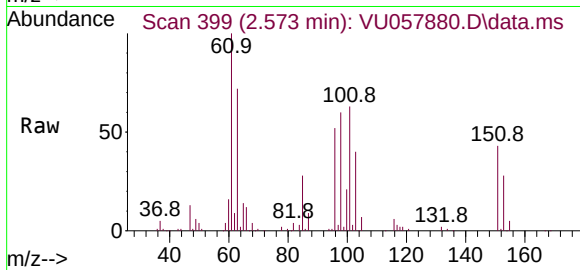
Tgt Ion:101 Resp: 109703
Ion Ratio Lower Upper
101 100
103 64.0 52.4 78.6



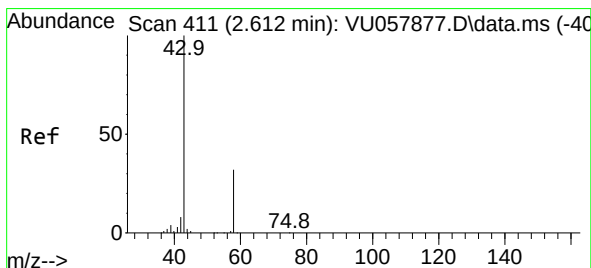
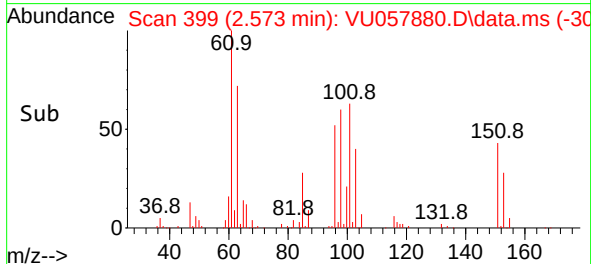
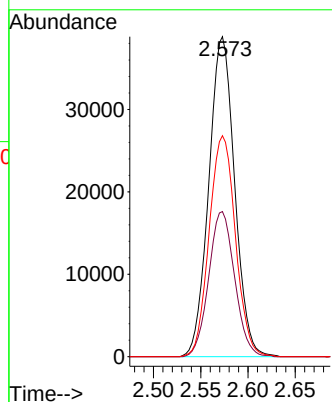


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.559 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.010 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :

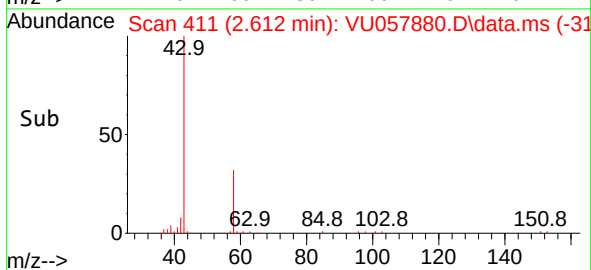
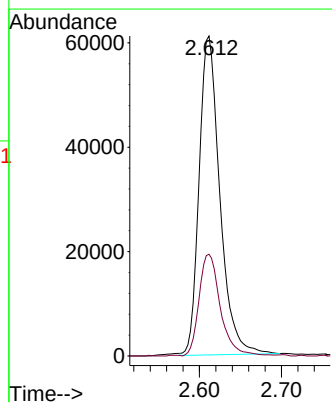
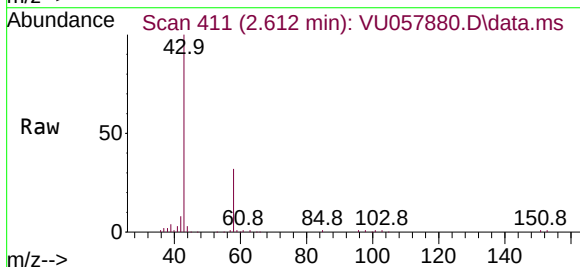


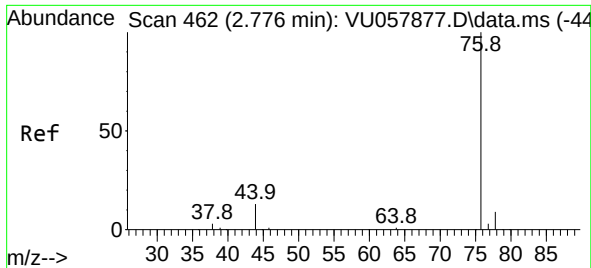
Tgt Ion:101 Resp: 73850
Ion Ratio Lower Upper
101 100
85 45.4 36.1 54.1
151 70.3 55.8 83.6



#13
Acetone
Concen: 92.782 ug/L
RT: 2.612 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

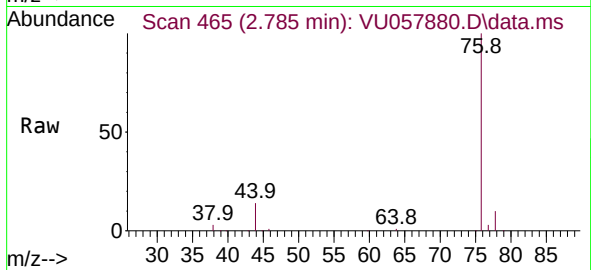
Tgt Ion: 43 Resp: 107270
Ion Ratio Lower Upper
43 100
58 32.9 0.0 65.8



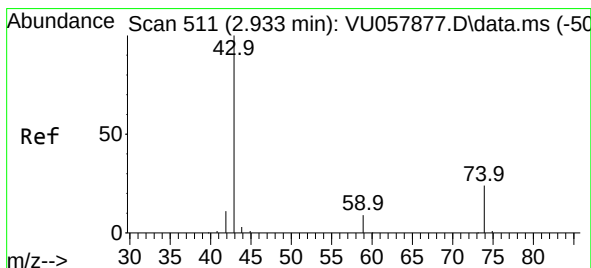
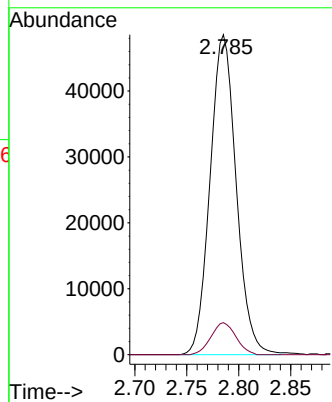
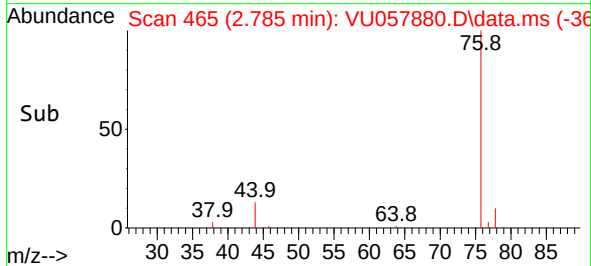


#14
Carbon disulfide
Concen: 20.588 ug/L
RT: 2.785 min Scan# 465
Delta R.T. 0.010 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :

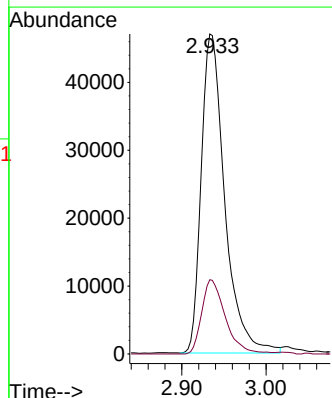
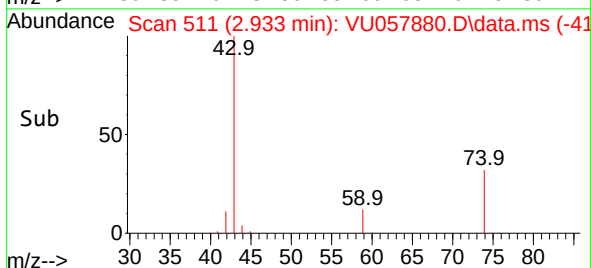
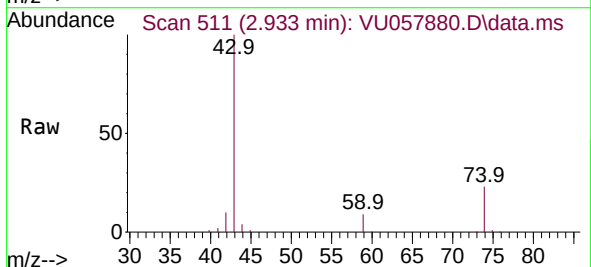


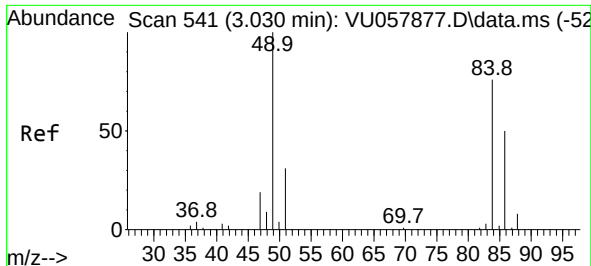
Tgt Ion: 76 Resp: 84812
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#15
Methyl Acetate
Concen: 62.157 ug/L
RT: 2.933 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

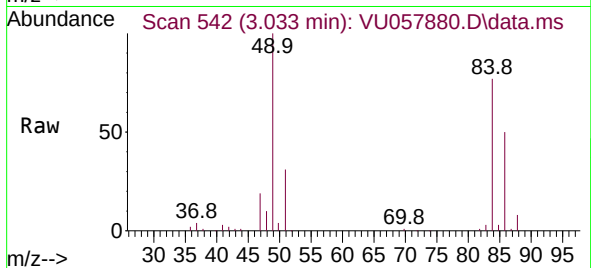
Tgt Ion: 43 Resp: 91425
Ion Ratio Lower Upper
43 100
74 23.2 19.7 29.5



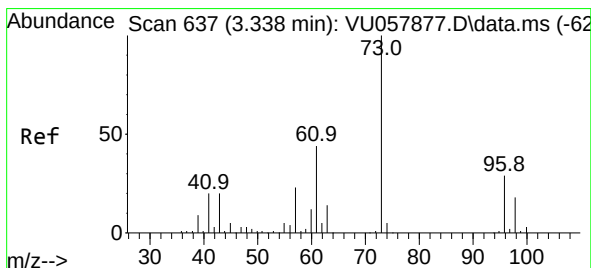
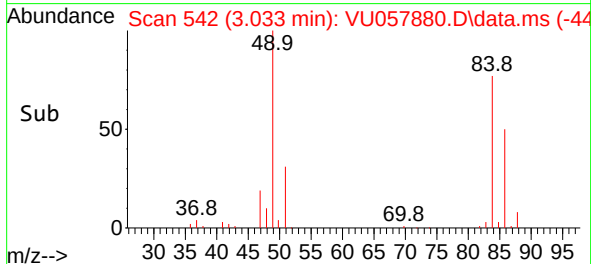
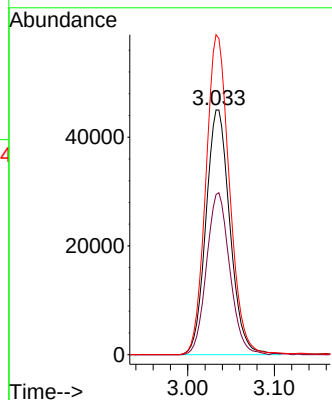


#16
Methylene chloride
Concen: 56.269 ug/L
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :

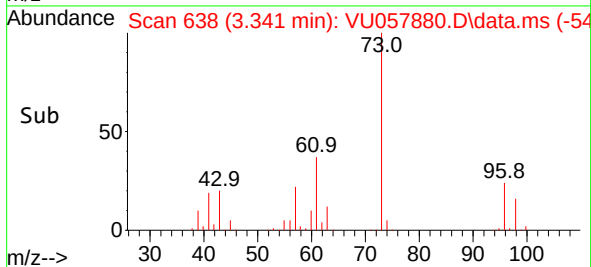
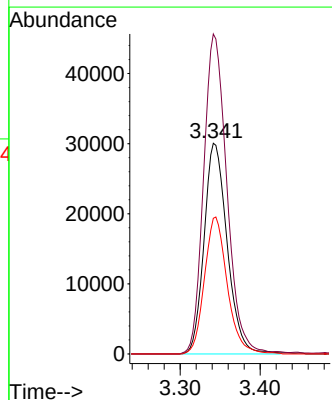
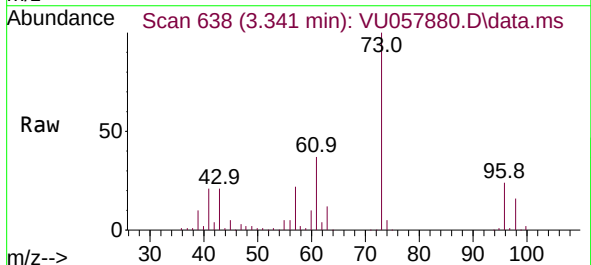


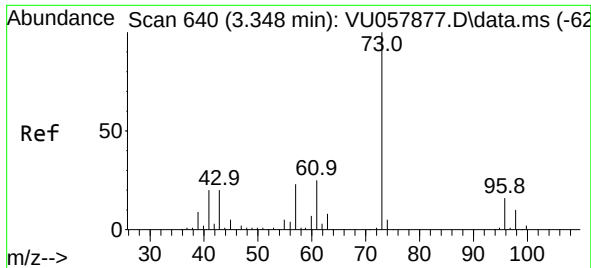
Tgt Ion: 84 Resp: 86726
Ion Ratio Lower Upper
84 100
86 65.4 43.0 80.0
49 130.7 83.7 155.4



#17
trans-1,2-Dichloroethene
Concen: 44.537 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

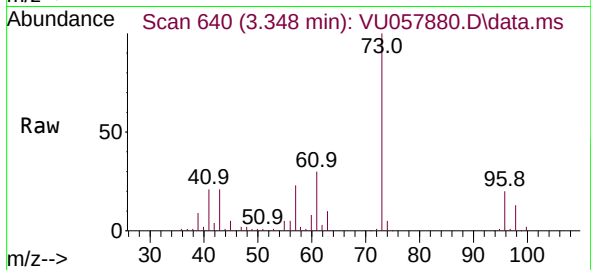
Tgt Ion: 96 Resp: 60543
Ion Ratio Lower Upper
96 100
61 151.8 102.8 190.8
98 64.4 44.2 82.2



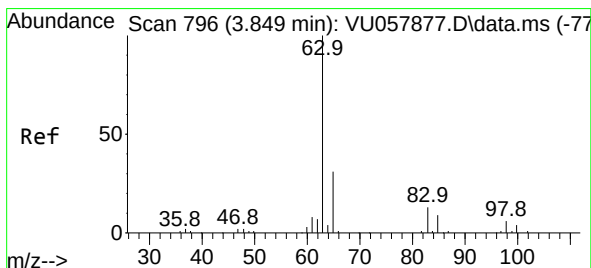
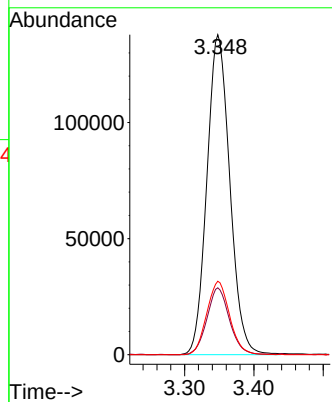
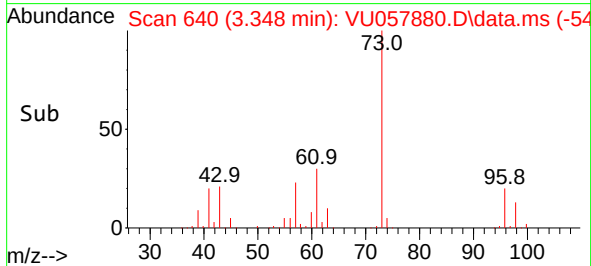


#18
Methyl tert-butyl Ether
Concen: 66.351 ug/L
RT: 3.348 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

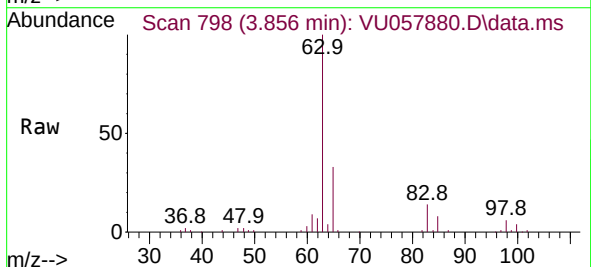
Instrument :
MSVOA_U
ClientSampleId :



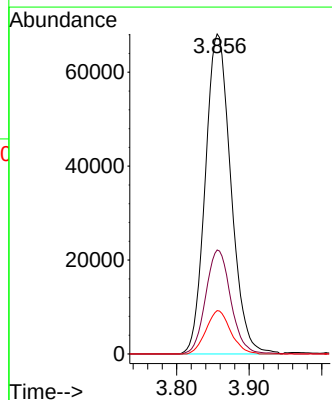
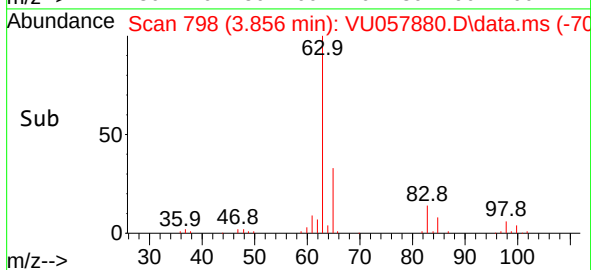
Tgt Ion: 73 Resp: 316626
Ion Ratio Lower Upper
73 100
43 20.6 16.2 24.2
57 22.8 17.6 26.4

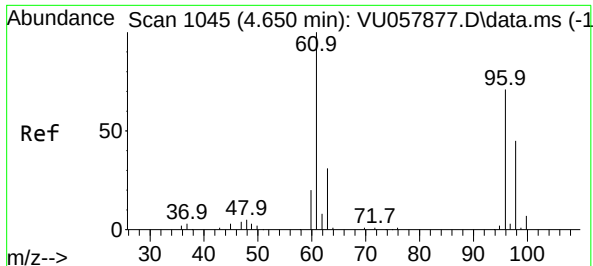


#19
1,1-Dichloroethane
Concen: 61.260 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.006 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34



Tgt Ion: 63 Resp: 167123
Ion Ratio Lower Upper
63 100
65 33.2 22.7 42.3
83 13.5 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 56.956 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. 0.006 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

Instrument :

MSVOA_U

ClientSampleId :

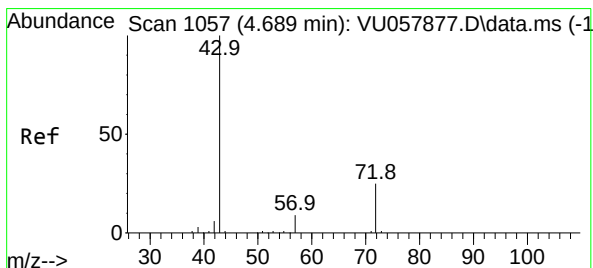
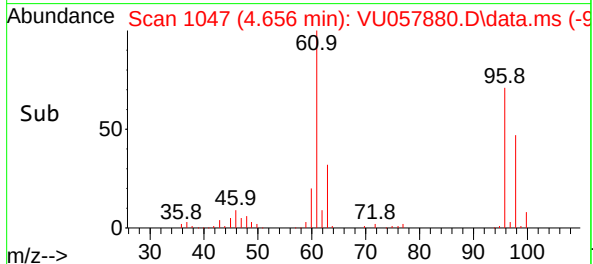
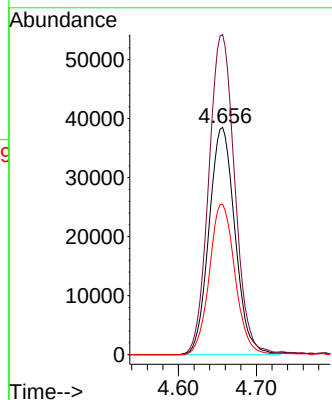
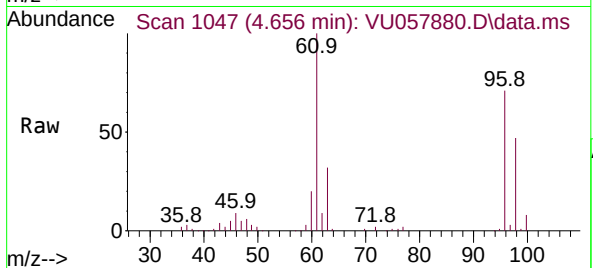
Tgt Ion: 96 Resp: 89370

Ion Ratio Lower Upper

96 100

61 140.8 95.7 177.7

98 66.2 45.2 84.0



#22

2-Butanone

Concen: 112.759 ug/L

RT: 4.685 min Scan# 1056

Delta R.T. -0.003 min

Lab File: VU057880.D

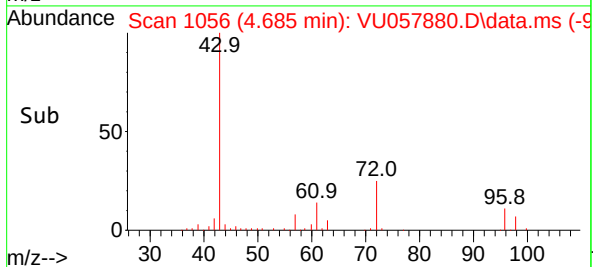
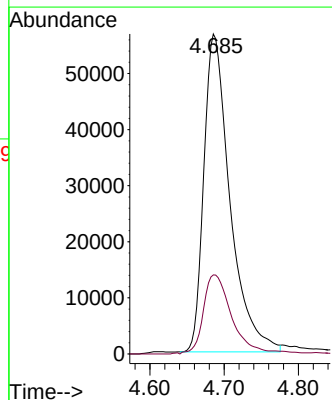
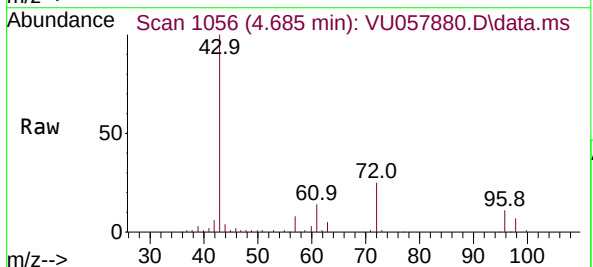
Acq: 19 Feb 2024 12:34

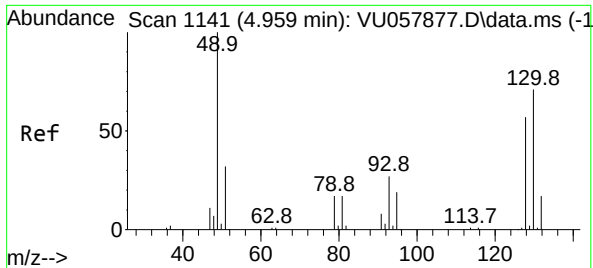
Tgt Ion: 43 Resp: 138929

Ion Ratio Lower Upper

43 100

72 26.4 13.8 41.3

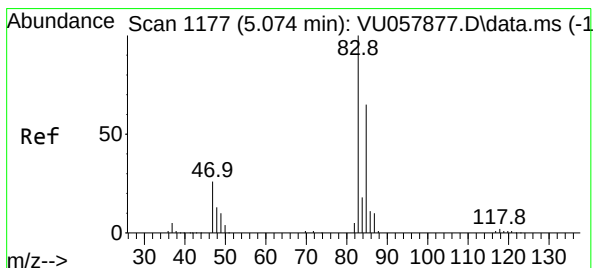
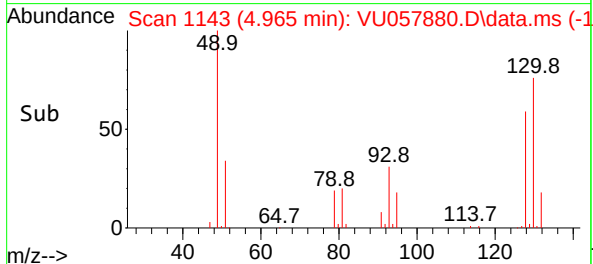
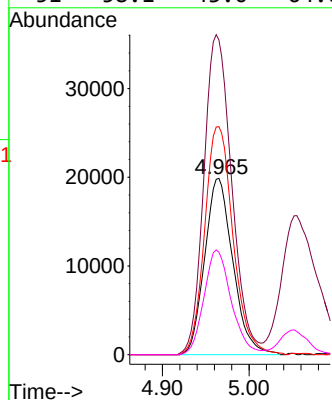
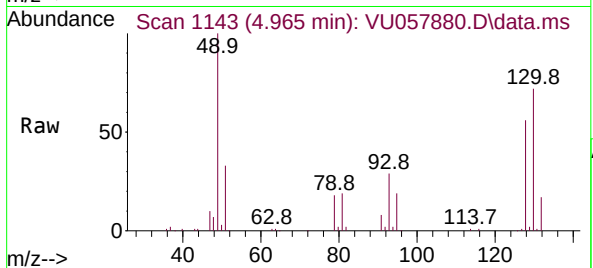




#23
Bromochloromethane
Concen: 58.425 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

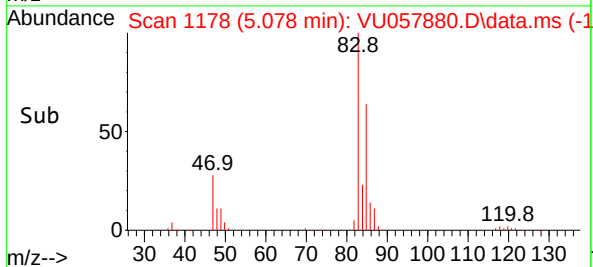
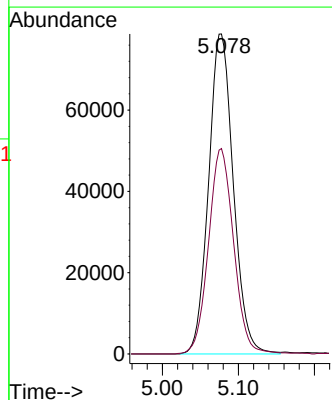
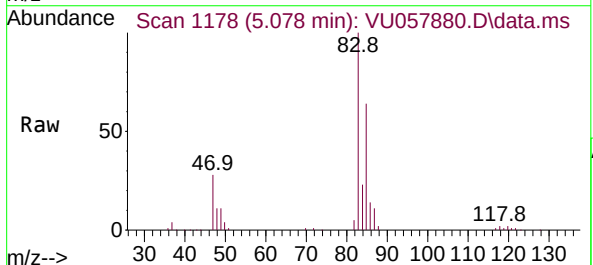
Instrument :
MSVOA_U
ClientSampleId :

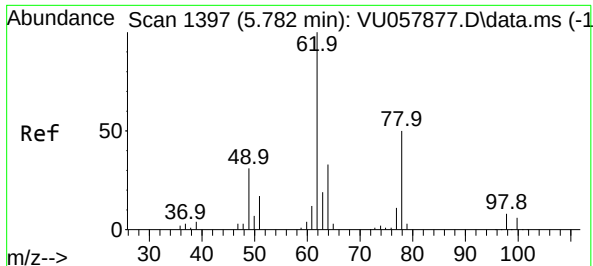
Tgt Ion:128 Resp: 44944
Ion Ratio Lower Upper
128 100
49 178.5 122.4 227.2
130 130.9 91.8 170.4
51 58.1 43.0 64.6



#25
Chloroform
Concen: 63.726 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion: 83 Resp: 178038
Ion Ratio Lower Upper
83 100
85 64.2 45.0 83.6





#27

1,2-Dichloroethane

Concen: 62.167 ug/L

RT: 5.785 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

Instrument :

MSVOA_U

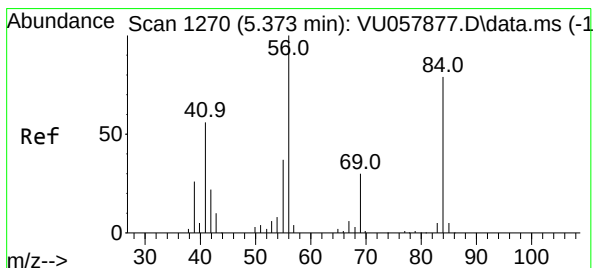
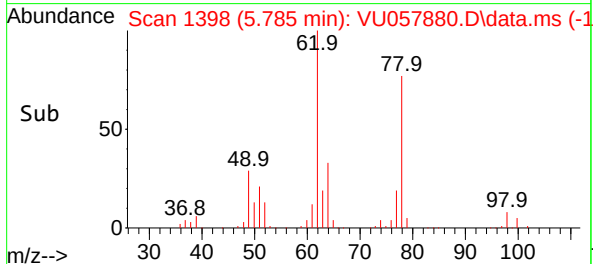
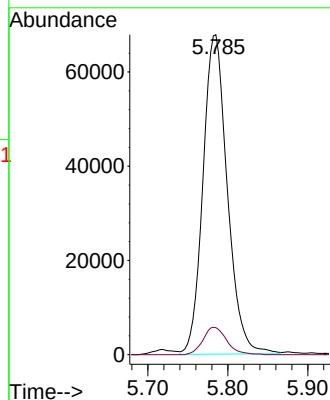
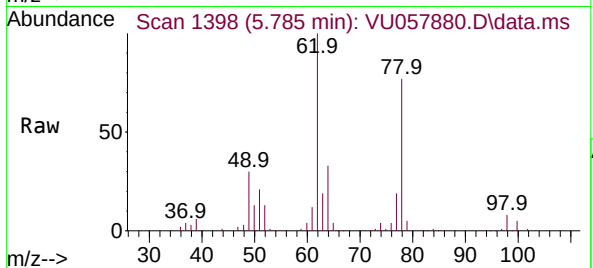
ClientSampleId :

Tgt Ion: 62 Resp: 143828

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1



#29

Cyclohexane

Concen: 35.355 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

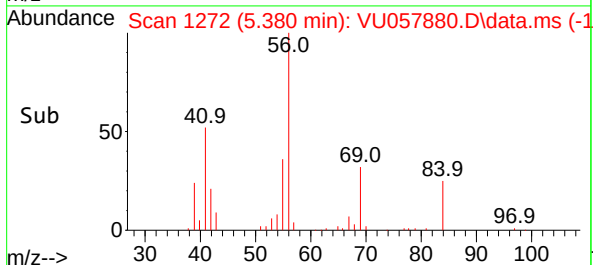
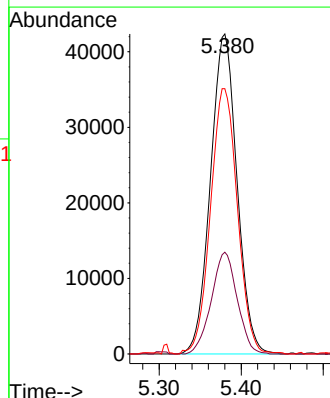
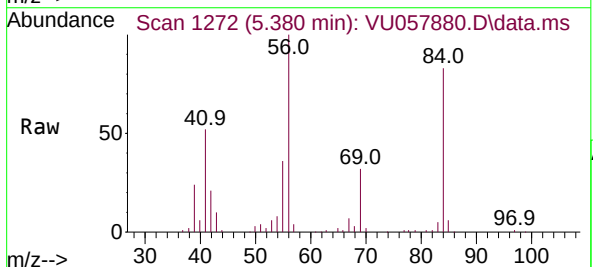
Tgt Ion: 56 Resp: 95418

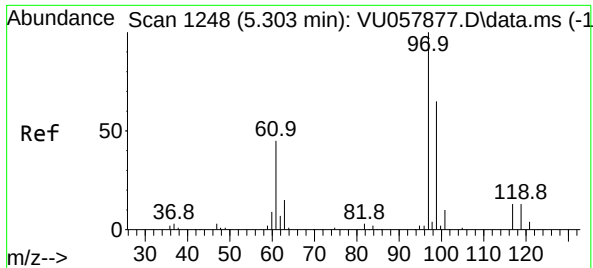
Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 83.0 70.4 105.6





#30

1,1,1-Trichloroethane

Concen: 50.183 ug/L

RT: 5.306 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

Instrument :

MSVOA_U

ClientSampleId :

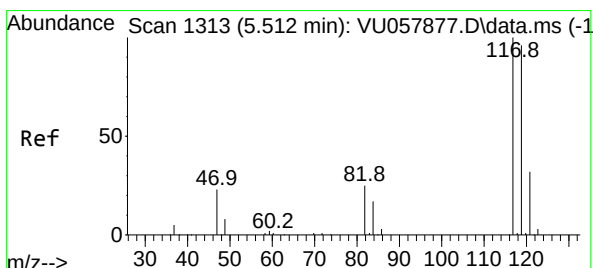
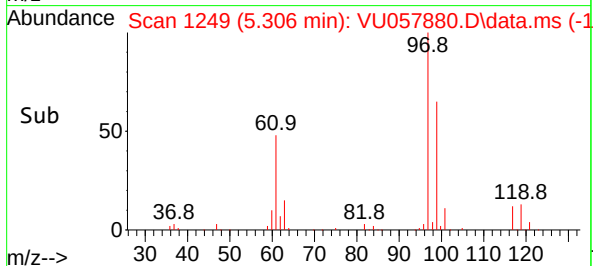
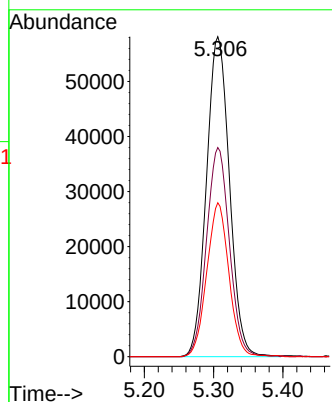
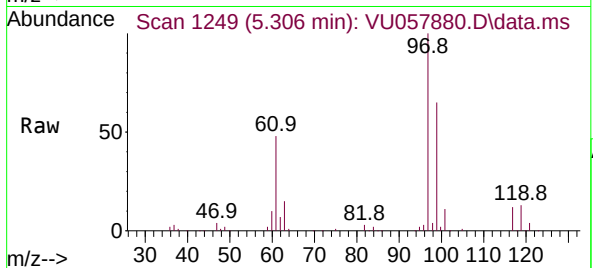
Tgt Ion: 97 Resp: 134250

Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 46.2 36.7 55.1



#31

Carbon tetrachloride

Concen: 46.566 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU057880.D

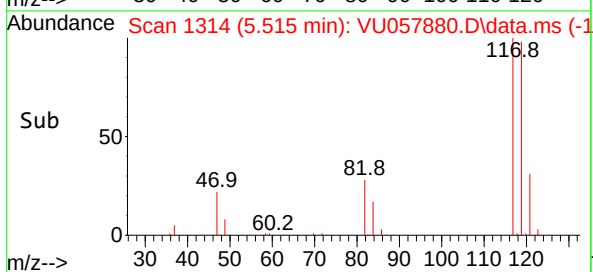
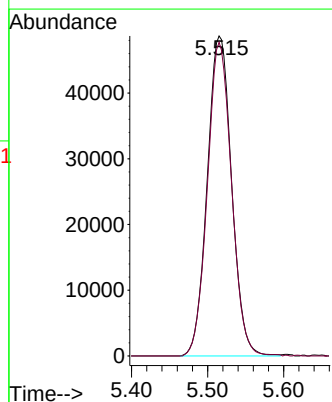
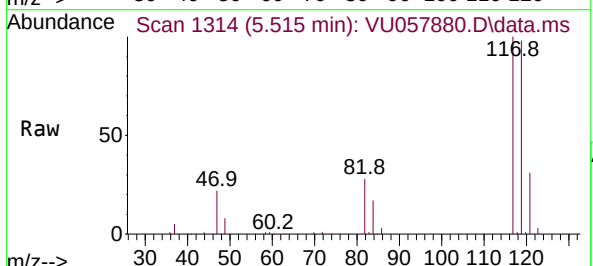
Acq: 19 Feb 2024 12:34

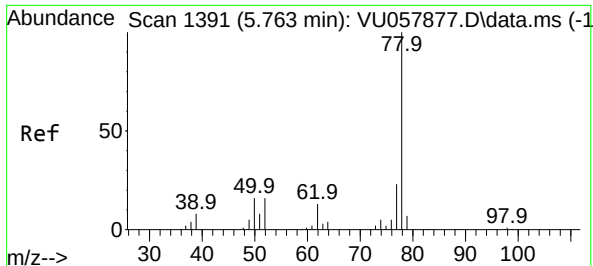
Tgt Ion: 117 Resp: 108464

Ion Ratio Lower Upper

117 100

119 96.7 76.7 115.1

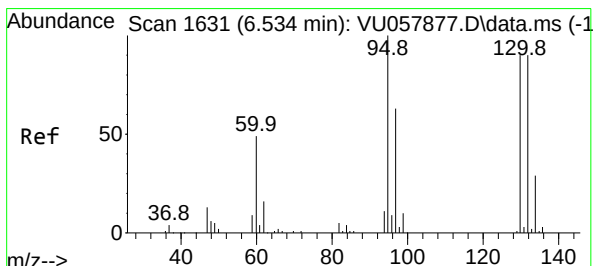
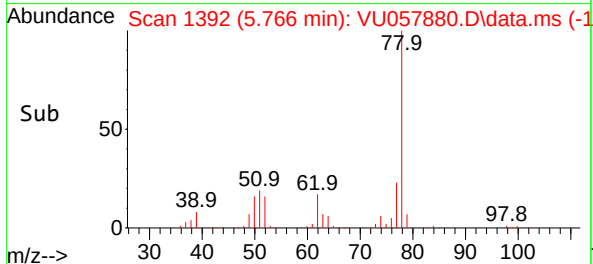
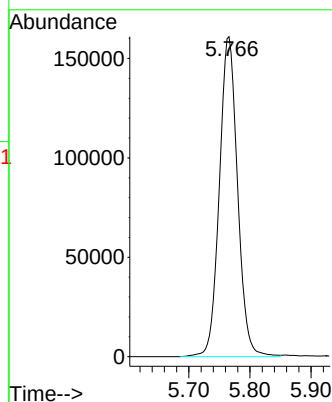
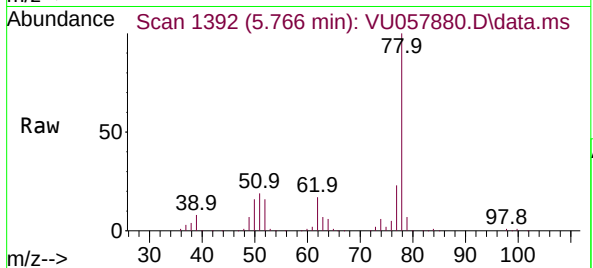




#33
Benzene
Concen: 50.692 ug/L
RT: 5.766 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :

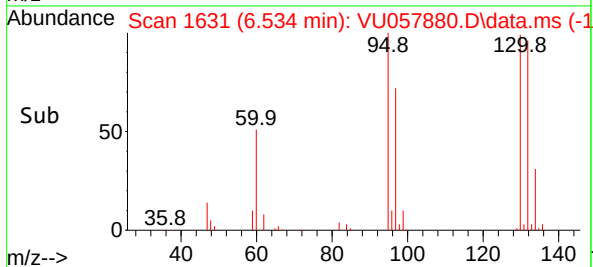
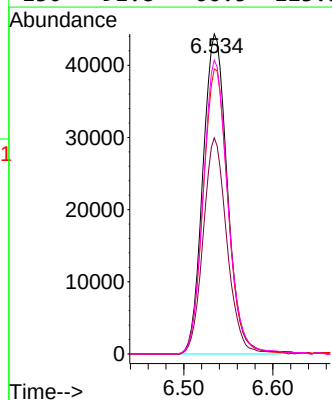
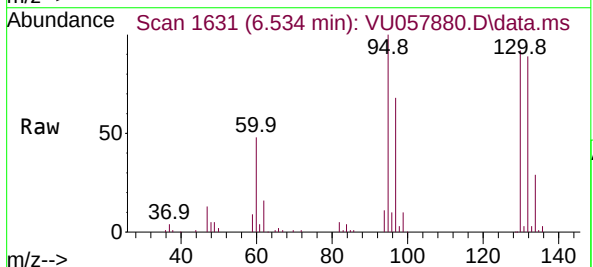
Tgt Ion: 78 Resp: 332829

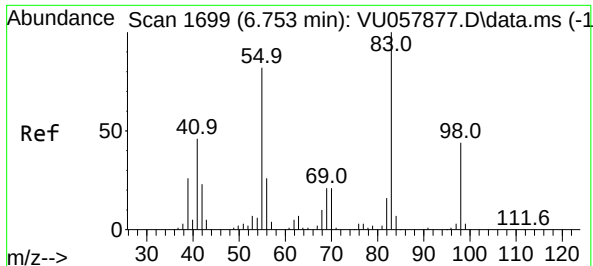


#34
Trichloroethene
Concen: 47.862 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion: 95 Resp: 84500

Ion	Ratio	Lower	Upper
95	100		
97	67.5	44.9	83.5
132	89.1	63.1	117.1
130	91.8	66.5	123.5

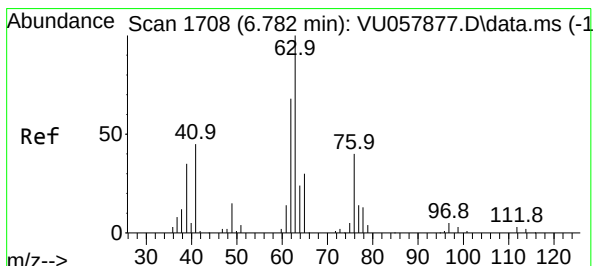
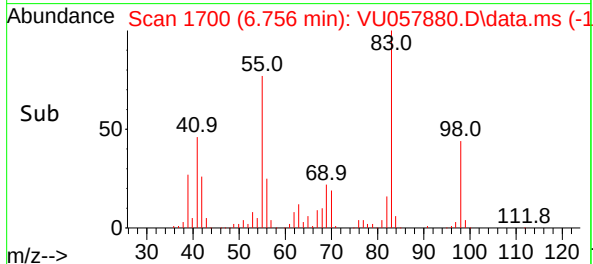
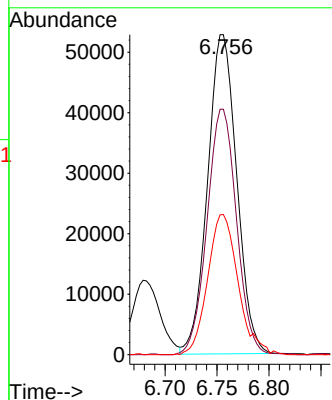
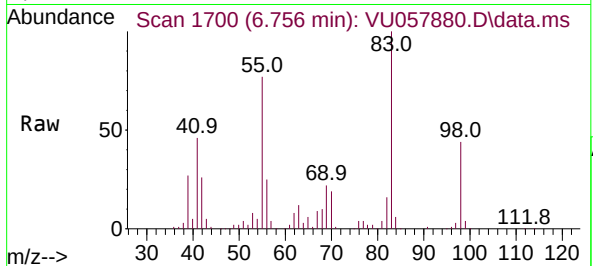




#35
Methylcyclohexane
Concen: 36.409 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

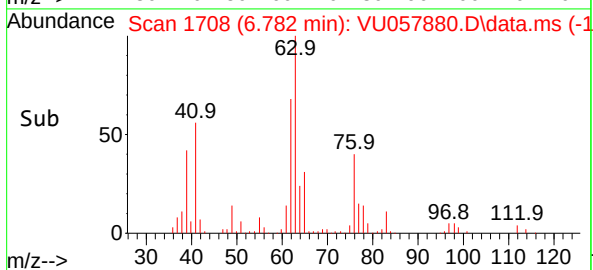
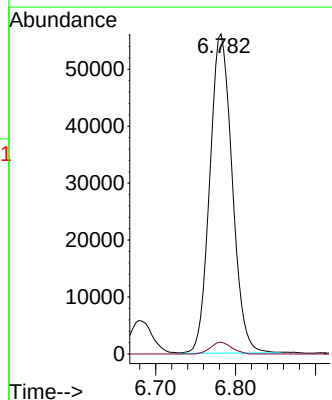
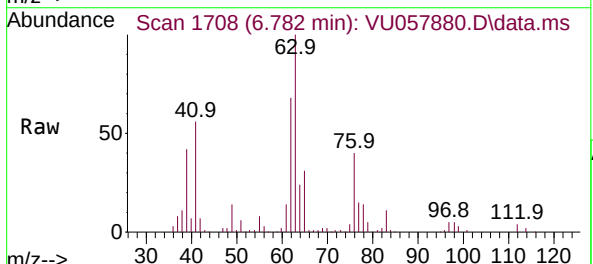
Instrument :
MSVOA_U
ClientSampleId :

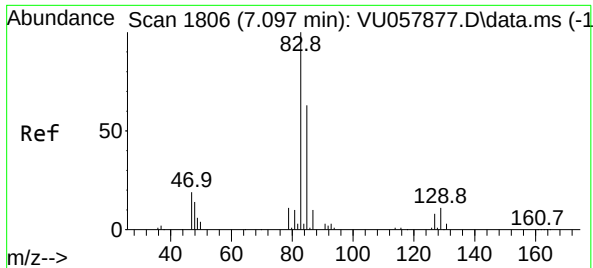
Tgt Ion: 83 Resp: 102835
Ion Ratio Lower Upper
83 100
55 77.9 59.9 89.9
98 45.5 36.8 55.2



#37
1,2-Dichloropropane
Concen: 60.555 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion: 63 Resp: 109005
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.6

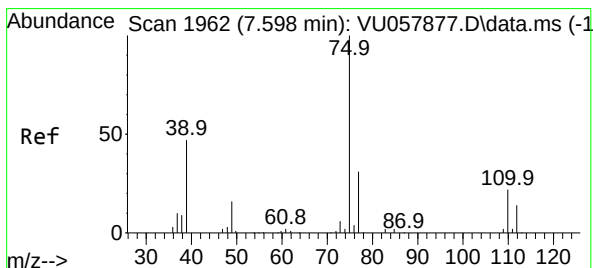
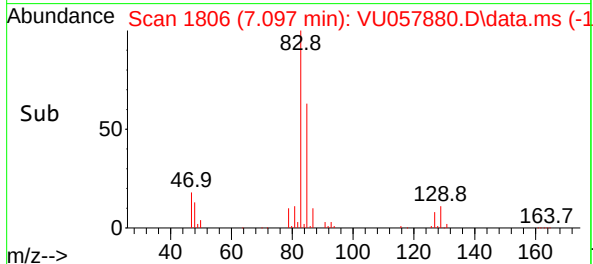
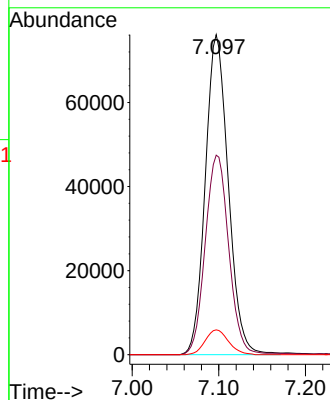
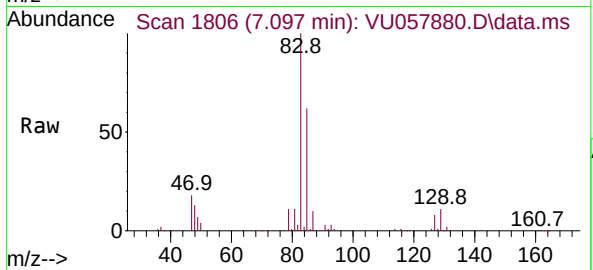




#38
Bromodichloromethane
Concen: 61.936 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

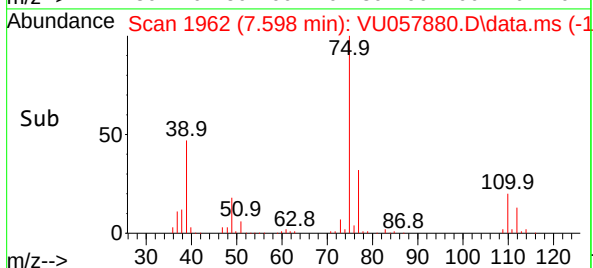
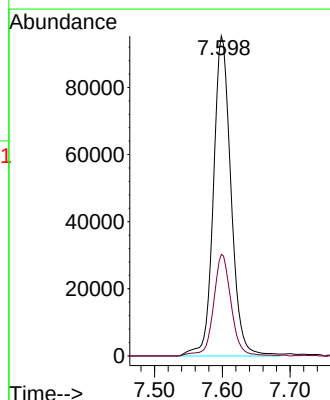
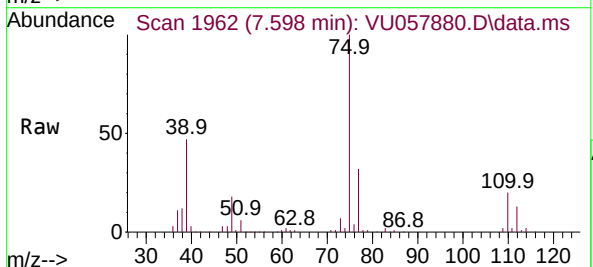
Instrument :
MSVOA_U
ClientSampleId :

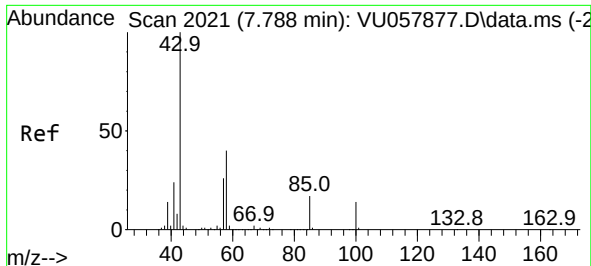
Tgt Ion: 83 Resp: 140375
Ion Ratio Lower Upper
83 100
85 62.4 45.6 84.6
127 7.7 7.2 10.8



#39
cis-1,3-Dichloropropene
Concen: 58.909 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion: 75 Resp: 171881
Ion Ratio Lower Upper
75 100
77 31.7 22.1 41.1

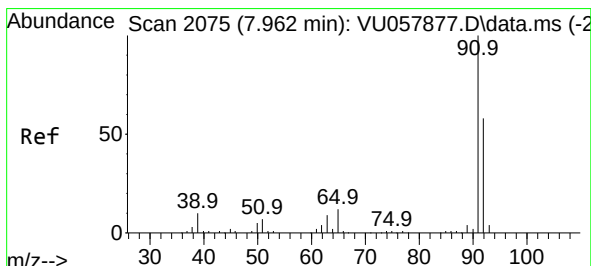
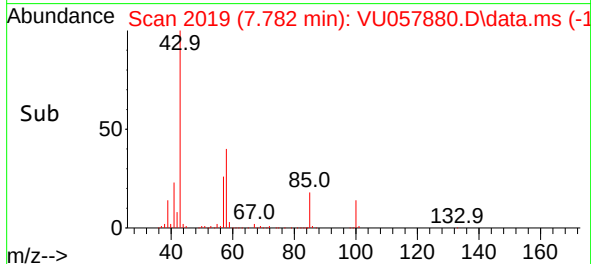
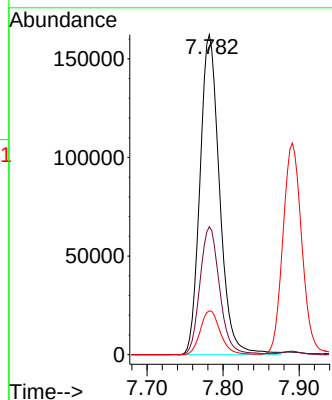
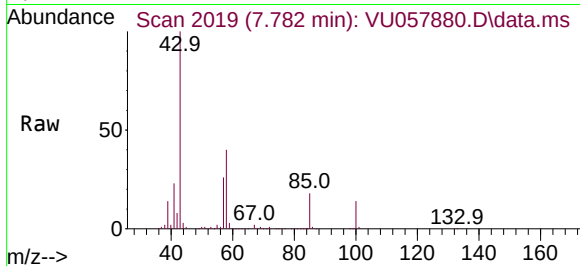




#40
4-Methyl-2-pentanone
Concen: 130.024 ug/L
RT: 7.782 min Scan# 2021
Delta R.T. -0.006 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

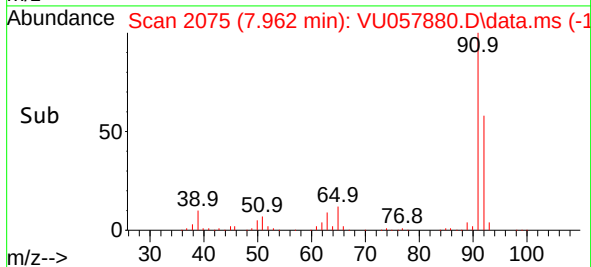
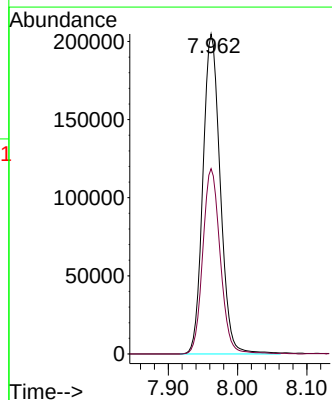
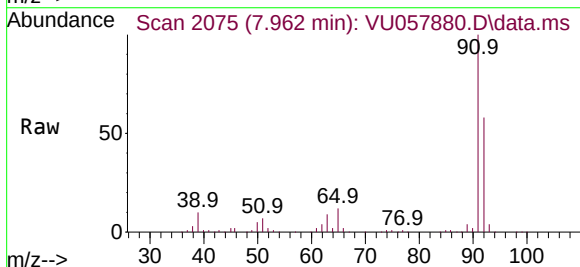
Instrument :
MSVOA_U
ClientSampleId :

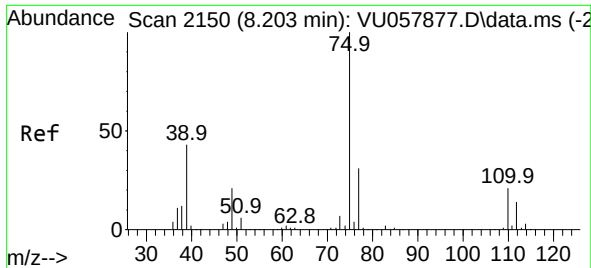
Tgt Ion: 43 Resp: 291352
Ion Ratio Lower Upper
43 100
58 40.2 32.5 48.7
100 13.9 12.2 18.4



#42
Toluene
Concen: 51.789 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion: 91 Resp: 356127
Ion Ratio Lower Upper
91 100
92 57.9 39.8 73.8

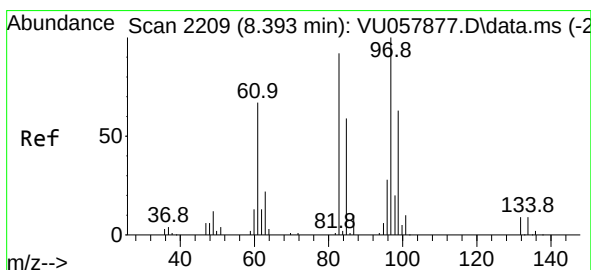
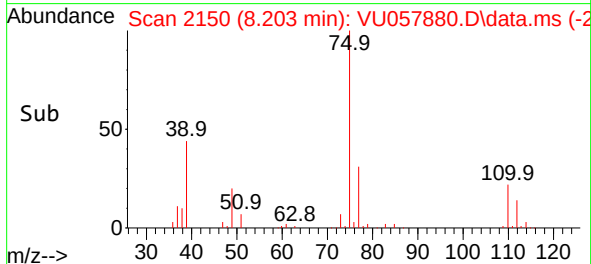
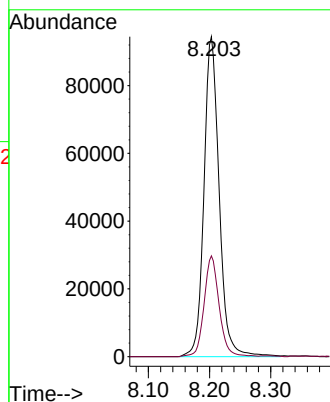
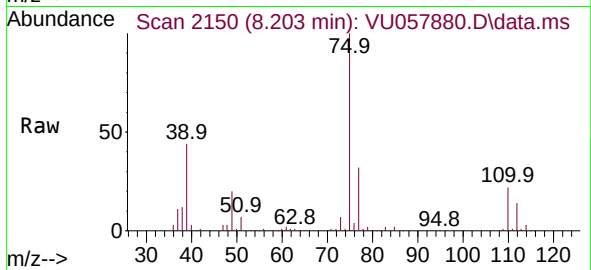




#44
trans-1,3-Dichloropropene
Concen: 60.963 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

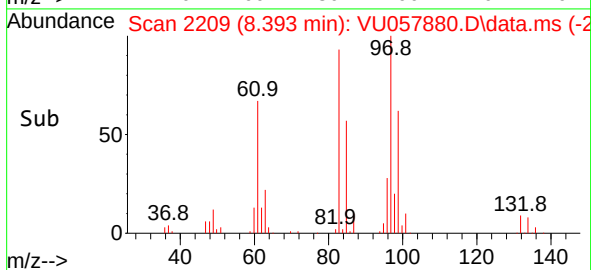
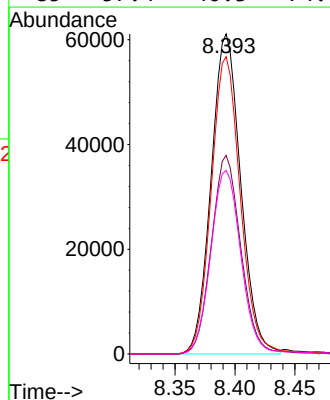
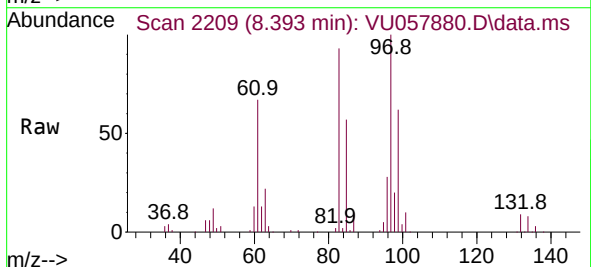
Instrument :
MSVOA_U
ClientSampleId :

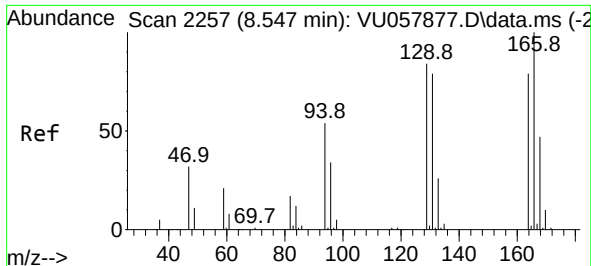
Tgt Ion: 75 Resp: 163301
Ion Ratio Lower Upper
75 100
77 31.5 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 63.051 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

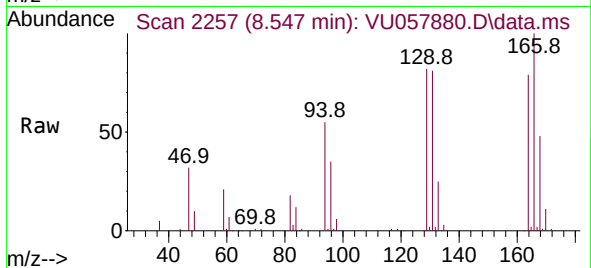
Tgt Ion: 97 Resp: 104802
Ion Ratio Lower Upper
97 100
99 62.1 45.1 83.9
83 92.9 63.8 118.6
85 57.4 40.3 74.8





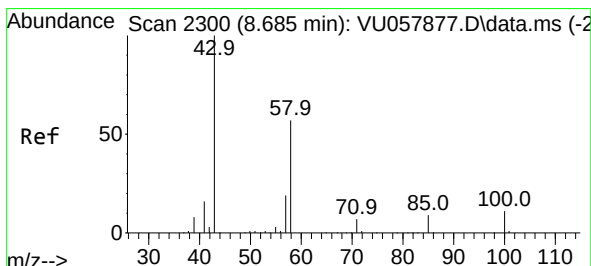
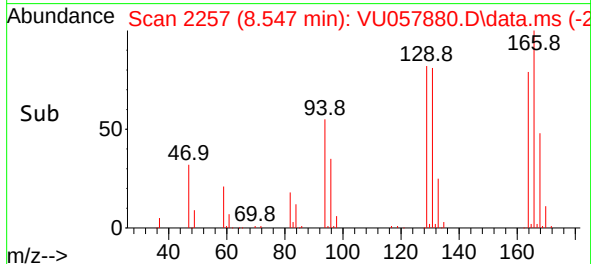
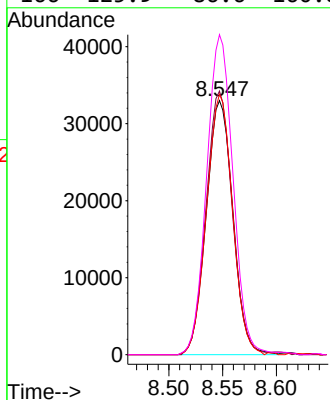
#46
Tetrachloroethene
Concen: 46.551 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 57005

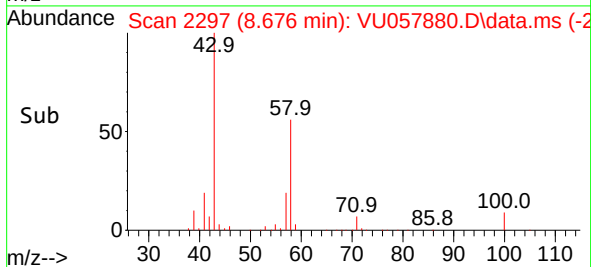
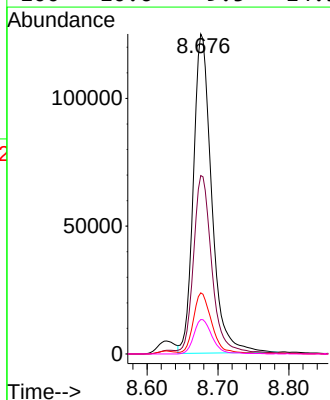
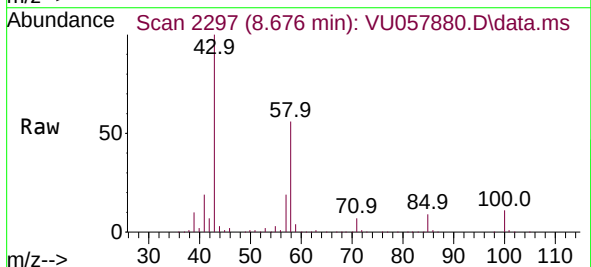
Ion	Ratio	Lower	Upper
164	100		
129	103.8	70.8	131.4
131	102.5	66.8	124.0
166	125.9	86.6	160.8

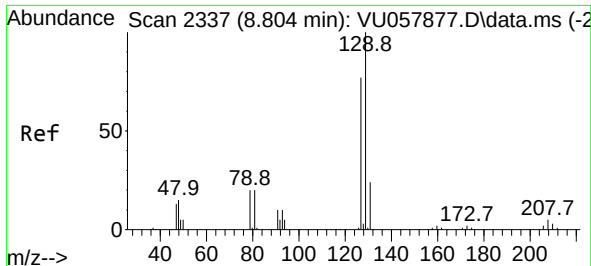


#48
2-Hexanone
Concen: 114.793 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.010 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion: 43 Resp: 223767

Ion	Ratio	Lower	Upper
43	100		
58	57.0	44.1	66.1
57	18.7	15.4	23.2
100	10.6	9.5	14.3





#49

Dibromochloromethane

Concen: 64.171 ug/L

RT: 8.801 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

Instrument :

MSVOA_U

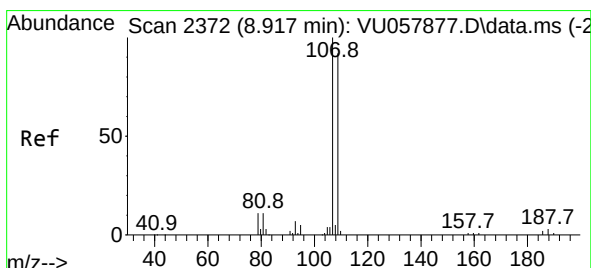
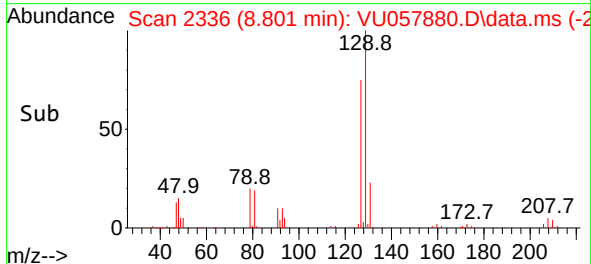
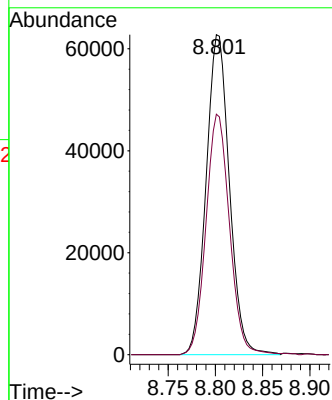
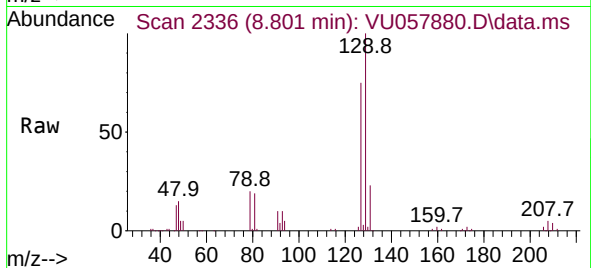
ClientSampleId :

Tgt Ion:129 Resp: 107578

Ion Ratio Lower Upper

129 100

127 75.1 54.1 100.5



#50

1,2-Dibromoethane

Concen: 57.837 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

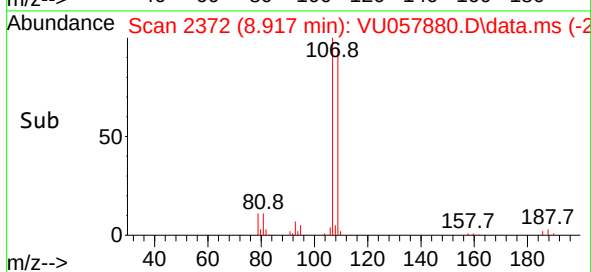
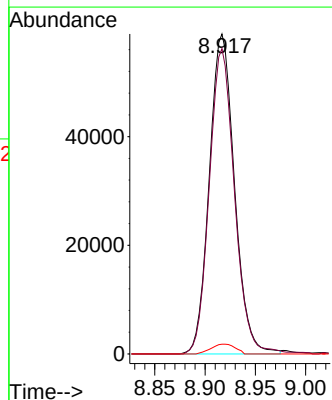
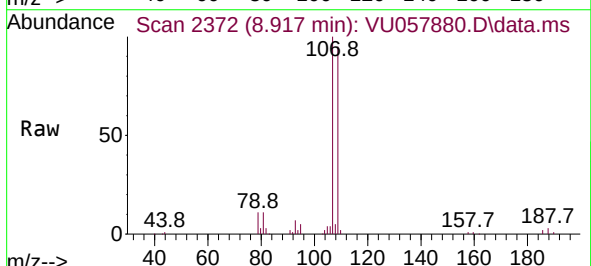
Tgt Ion:107 Resp: 102715

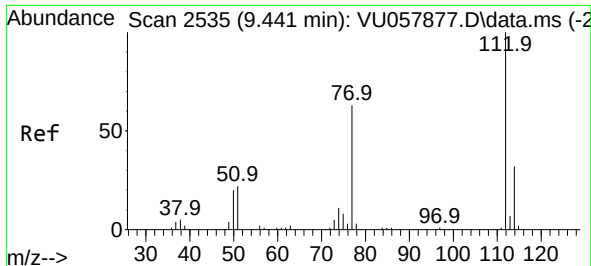
Ion Ratio Lower Upper

107 100

109 95.4 64.4 119.6

188 3.1 2.6 3.8

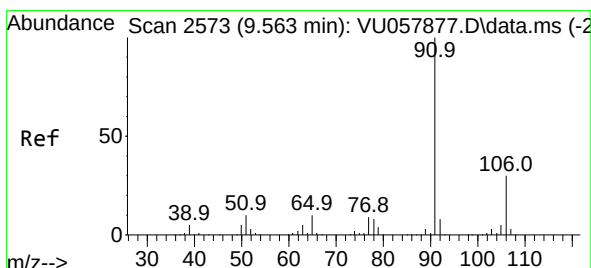
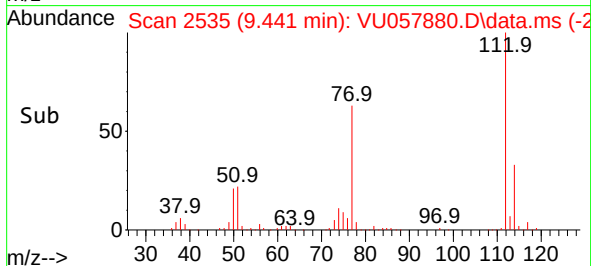
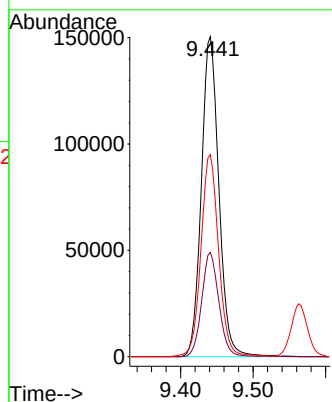
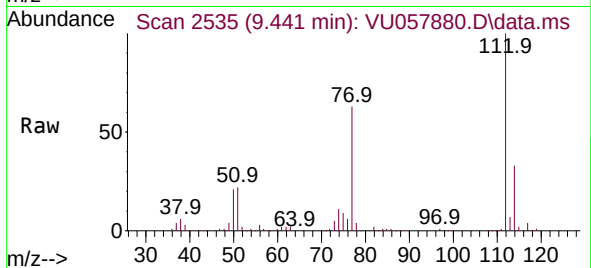




#51
Chlorobenzene
Concen: 57.814 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

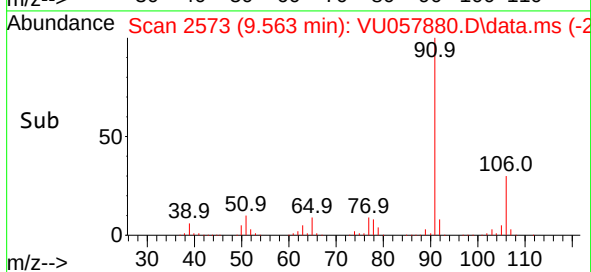
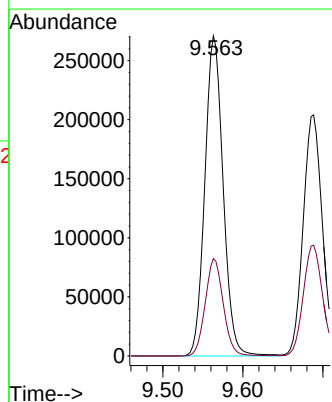
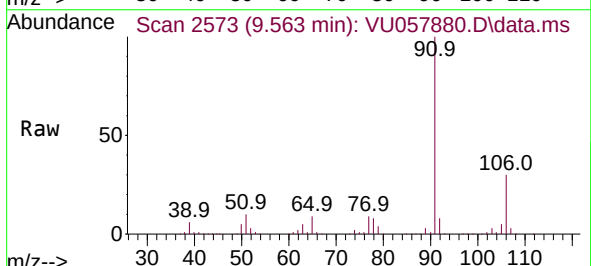
Instrument :
MSVOA_U
ClientSampleId :

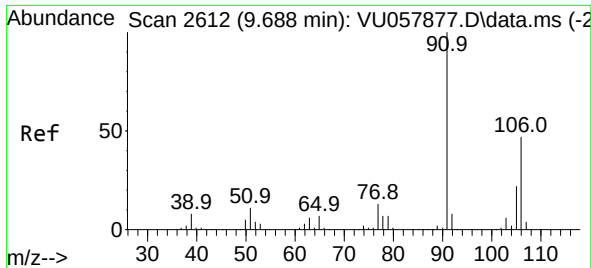
Tgt Ion:112 Resp: 252490
Ion Ratio Lower Upper
112 100
114 32.6 22.0 41.0
77 63.1 48.2 72.4



#52
Ethylbenzene
Concen: 55.326 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion: 91 Resp: 431572
Ion Ratio Lower Upper
91 100
106 30.4 20.9 38.9

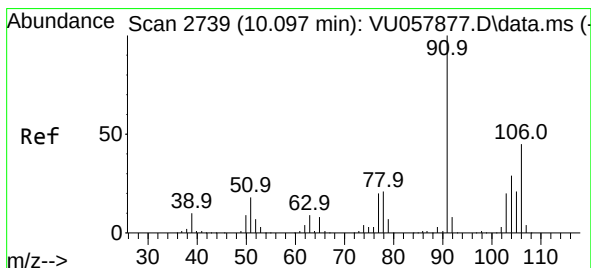
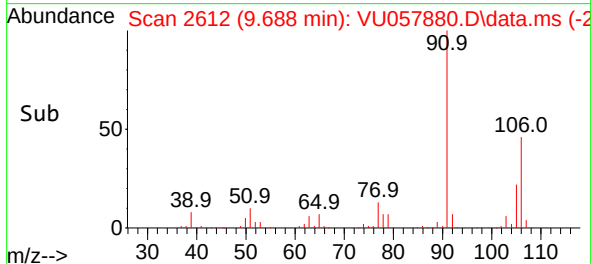
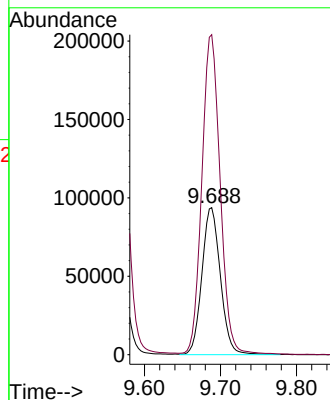
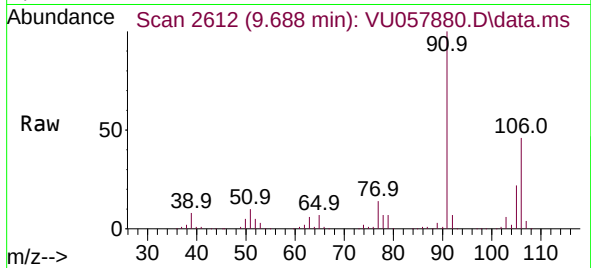




#53
m,p-Xylene
Concen: 55.351 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

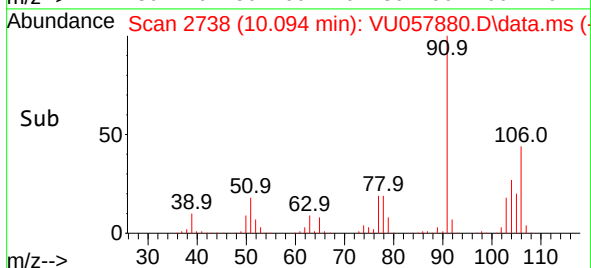
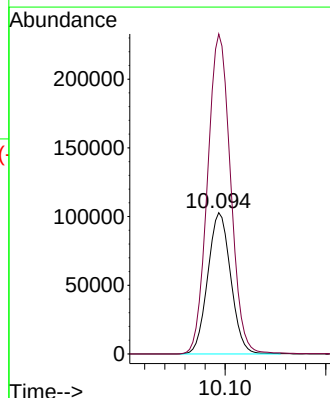
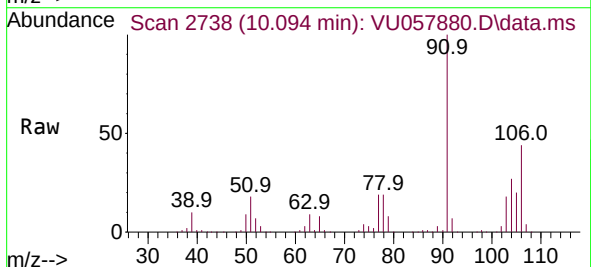
Instrument :
MSVOA_U
ClientSampleId :

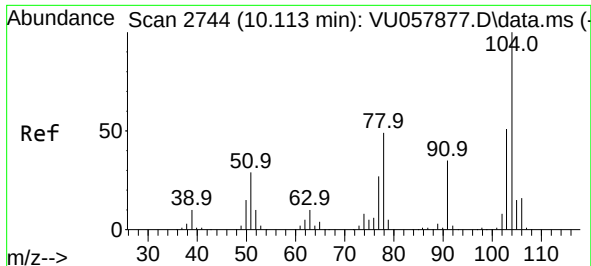
Tgt Ion:106 Resp: 158679
Ion Ratio Lower Upper
106 100
91 217.7 145.3 269.9



#54
o-Xylene
Concen: 58.389 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion:106 Resp: 162992
Ion Ratio Lower Upper
106 100
91 226.6 155.3 288.3

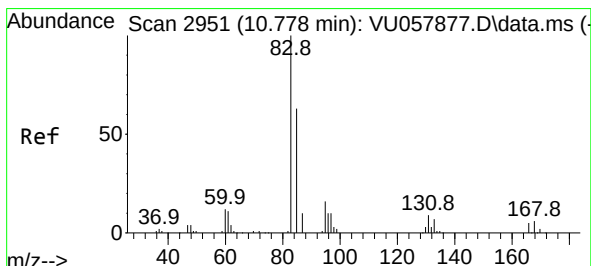
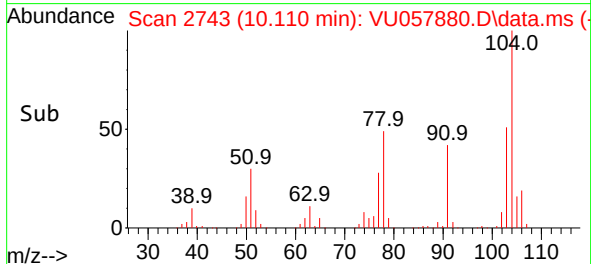
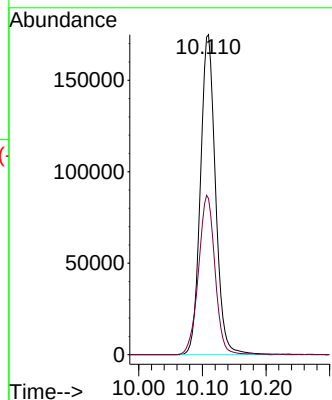
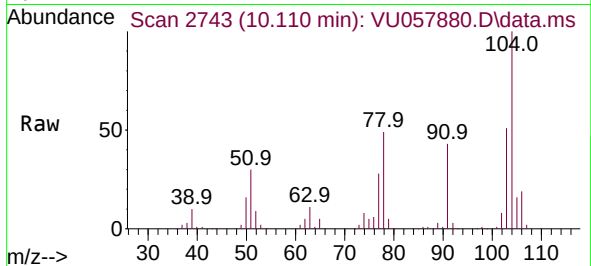




#55
Styrene
Concen: 61.987 ug/L
RT: 10.110 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

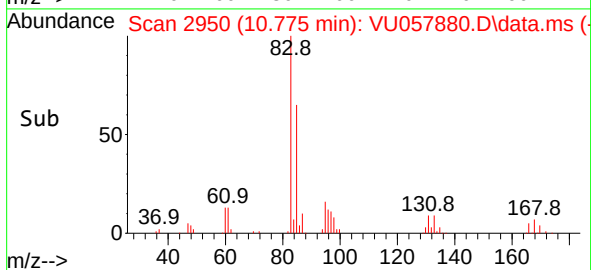
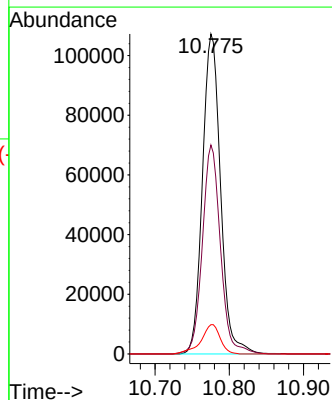
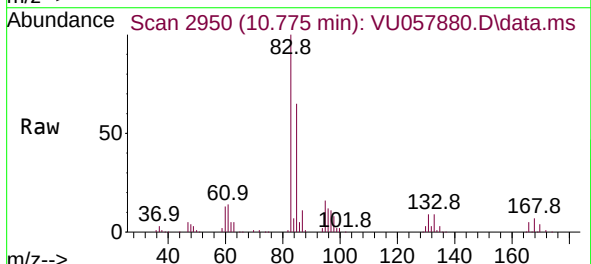
Instrument :
MSVOA_U
ClientSampleId :

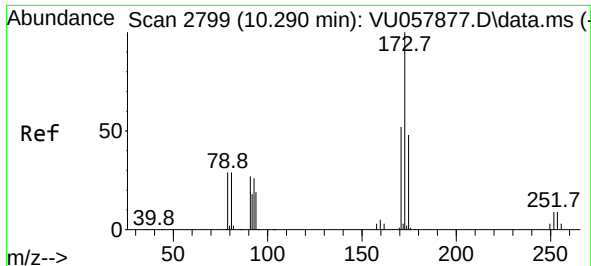
Tgt Ion:104 Resp: 288850
Ion Ratio Lower Upper
104 100
78 48.8 34.3 63.7



#57
1,1,2,2-Tetrachloroethane
Concen: 67.631 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

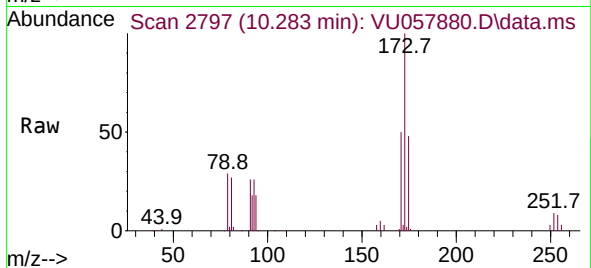
Tgt Ion: 83 Resp: 181164
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7
131 9.1 7.5 11.3



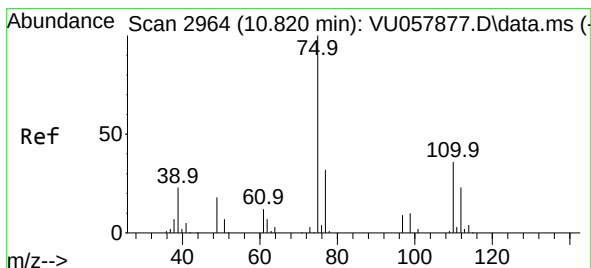
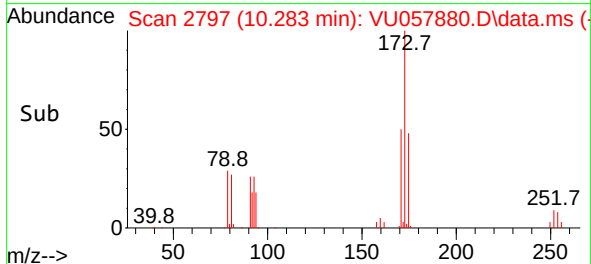
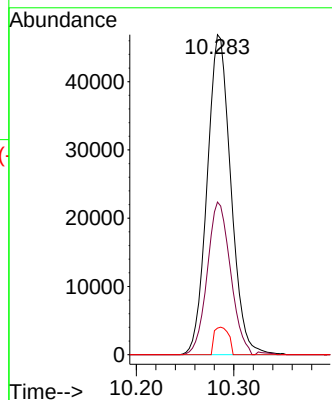


#59
Bromoform
Concen: 58.388 ug/L
RT: 10.283 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :

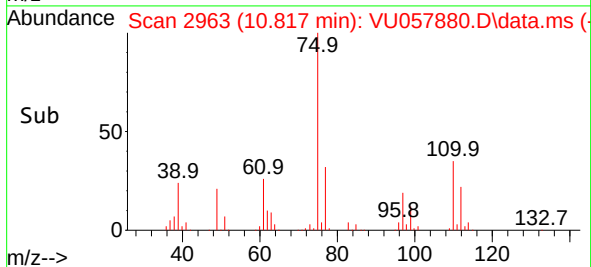
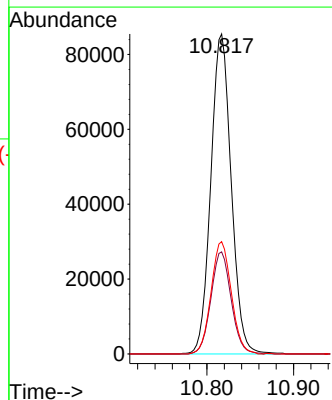
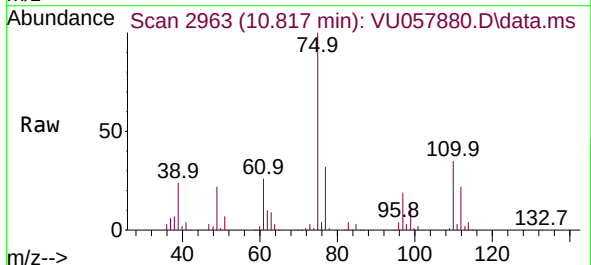


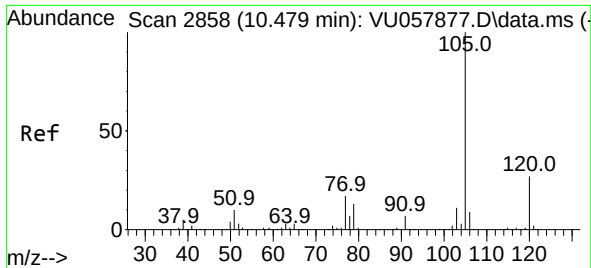
Tgt Ion:173 Resp: 79250
Ion Ratio Lower Upper
173 100
175 46.6 37.7 56.5
254 5.2 6.2 9.2#



#60
1,2,3-Trichloropropane
Concen: 57.210 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion: 75 Resp: 139927
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
110 34.9 29.1 43.7

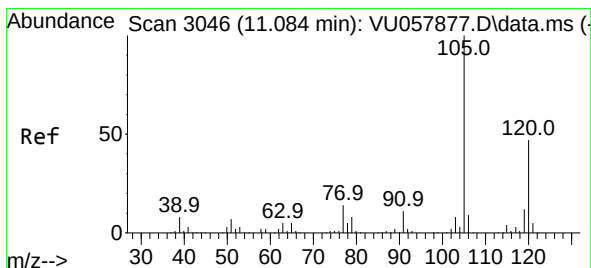
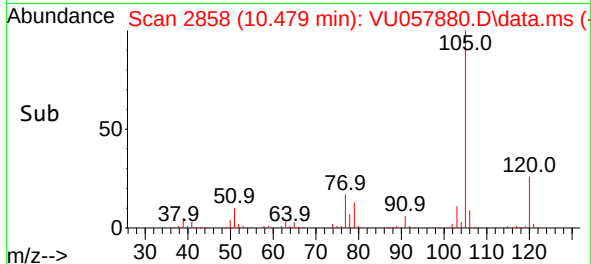
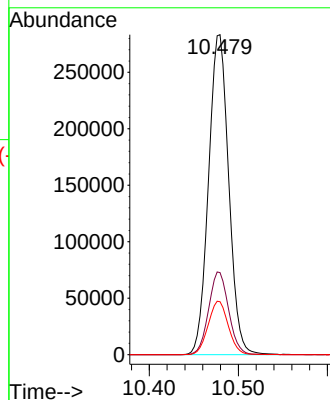
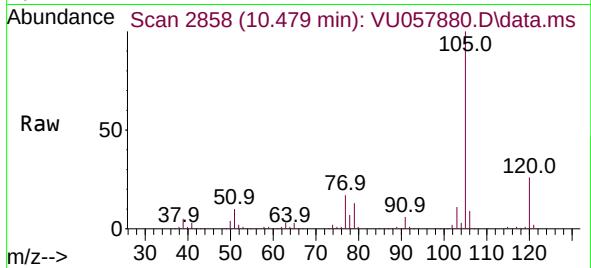




#61
Isopropylbenzene
Concen: 52.173 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

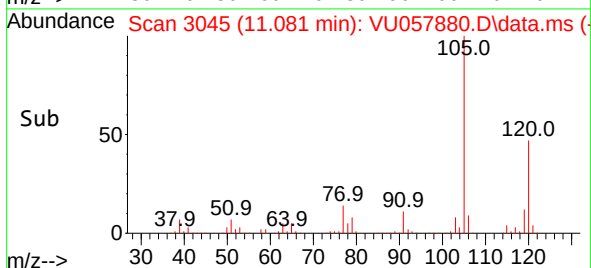
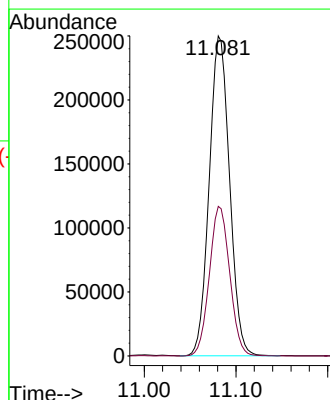
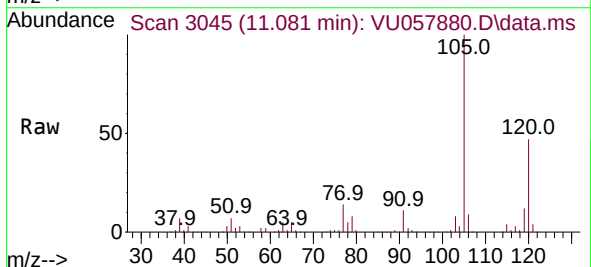
Instrument :
MSVOA_U
ClientSampleId :

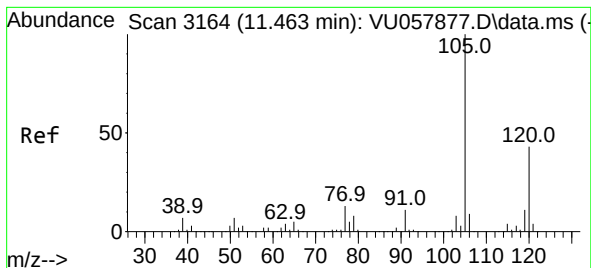
Tgt Ion:105 Resp: 445336
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 16.7 13.2 19.8



#62
1,3,5-Trimethylbenzene
Concen: 53.763 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Tgt Ion:105 Resp: 385106
Ion Ratio Lower Upper
105 100
120 46.8 37.3 55.9





#63

1,2,4-Trimethylbenzene

Concen: 54.538 ug/L

RT: 11.460 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

Instrument :

MSVOA_U

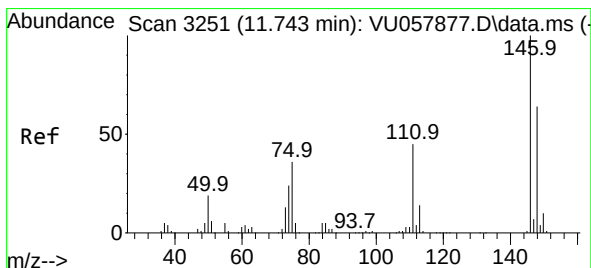
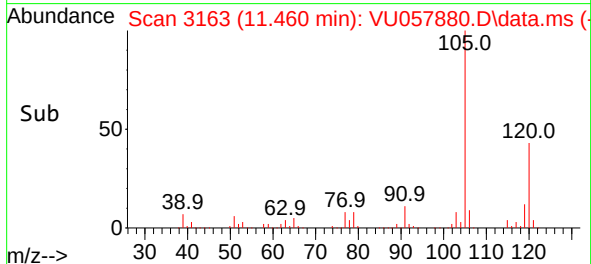
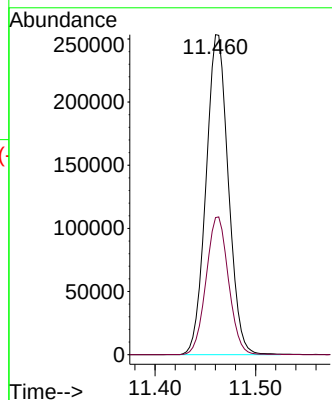
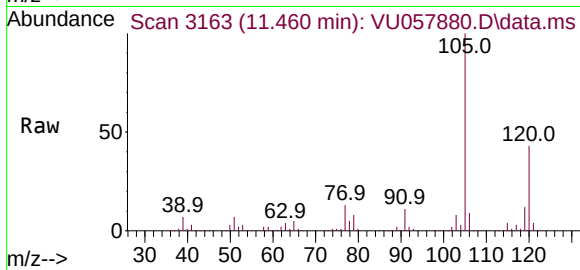
ClientSampleId :

Tgt Ion:105 Resp: 390994

Ion Ratio Lower Upper

105 100

120 43.0 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 56.126 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.003 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

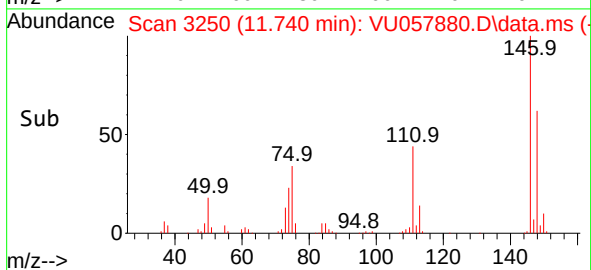
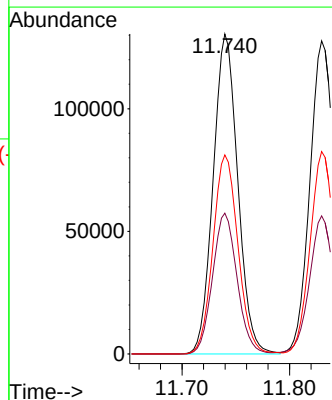
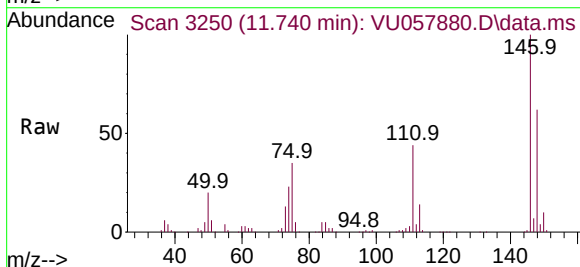
Tgt Ion:146 Resp: 207576

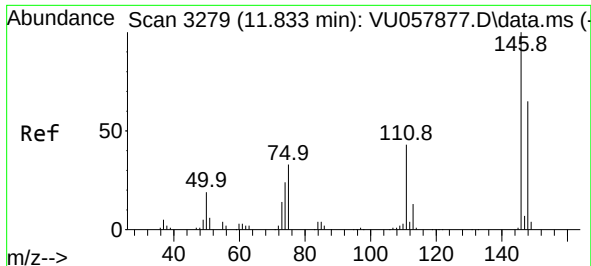
Ion Ratio Lower Upper

146 100

111 44.0 31.1 57.7

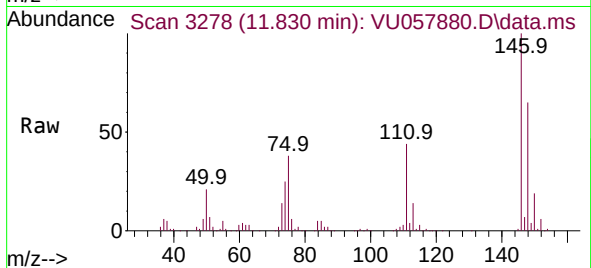
148 62.2 46.8 86.8



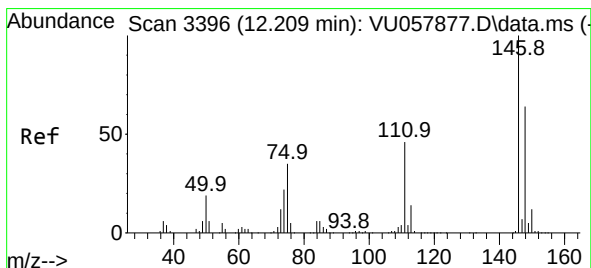
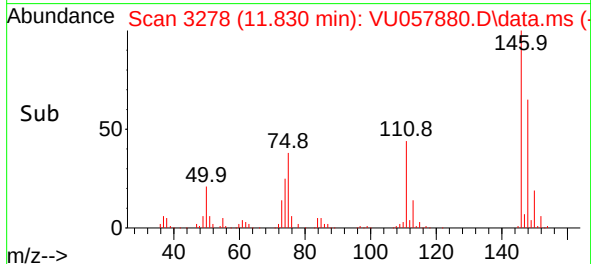
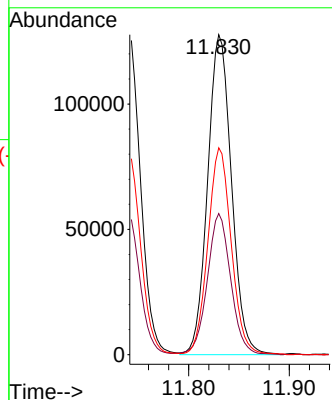


#65
1,4-Dichlorobenzene
Concen: 55.509 ug/L
RT: 11.830 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :

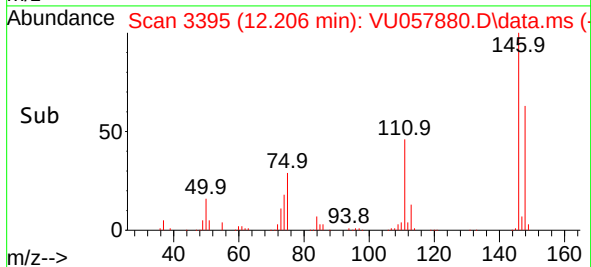
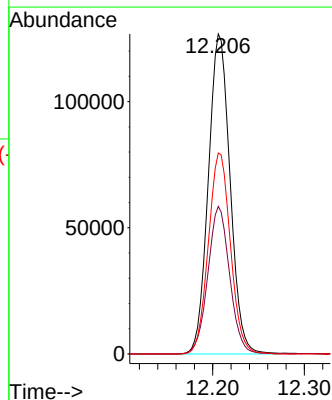
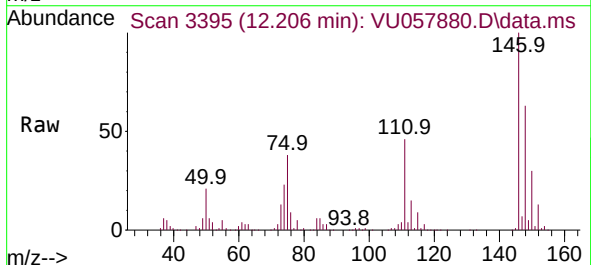


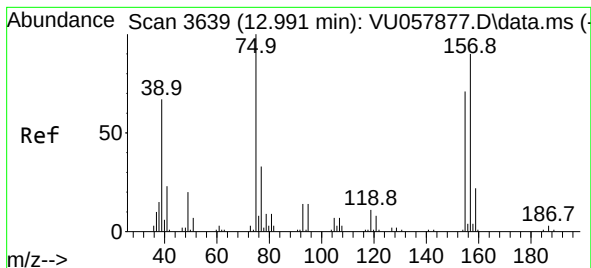
Tgt Ion:146 Resp: 210572
Ion Ratio Lower Upper
146 100
111 44.1 30.5 56.7
148 64.7 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 56.005 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.003 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

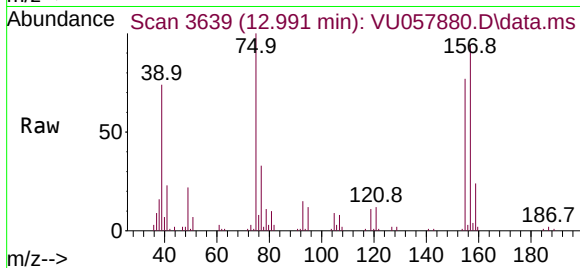
Tgt Ion:146 Resp: 208806
Ion Ratio Lower Upper
146 100
111 46.1 37.8 56.8
148 62.8 51.7 77.5



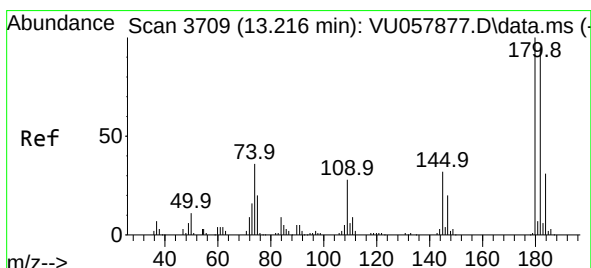
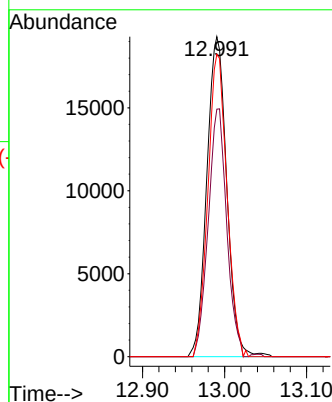
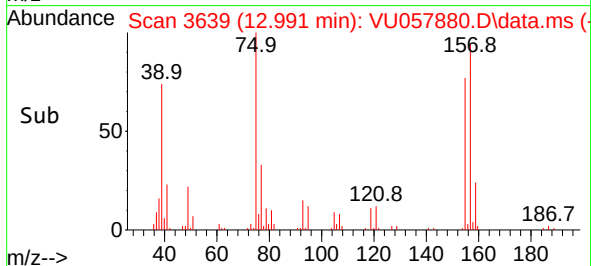


#68
1,2-Dibromo-3-chloropropane
Concen: 52.361 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34

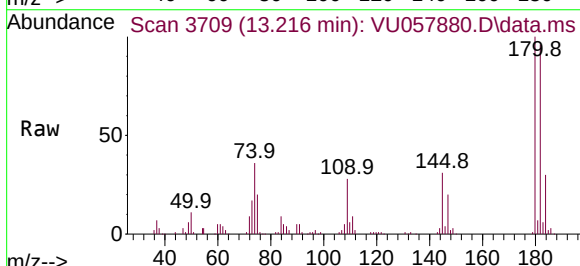
Instrument :
MSVOA_U
ClientSampleId :



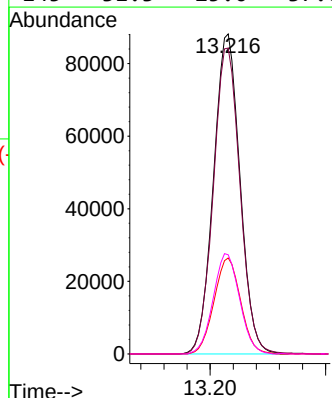
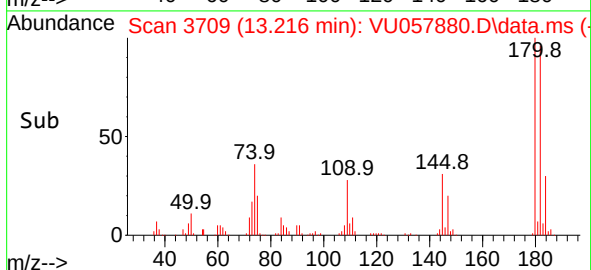
Tgt Ion: 75 Resp: 32483
Ion Ratio Lower Upper
75 100
155 80.5 55.9 83.9
157 98.5 71.1 106.7

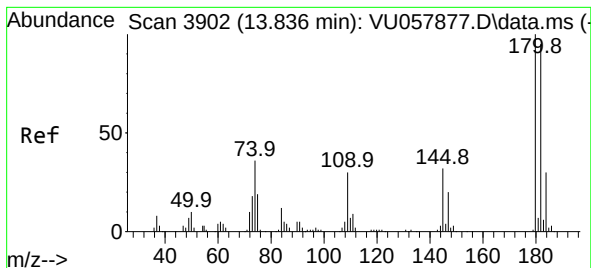


#69
1,3,5-Trichlorobenzene
Concen: 53.805 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.000 min
Lab File: VU057880.D
Acq: 19 Feb 2024 12:34



Tgt Ion:180 Resp: 140153
Ion Ratio Lower Upper
180 100
182 96.7 76.0 114.0
184 30.1 24.3 36.5
145 31.3 25.0 37.6





#70

1,2,4-trichlorobenzene

Concen: 52.726 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

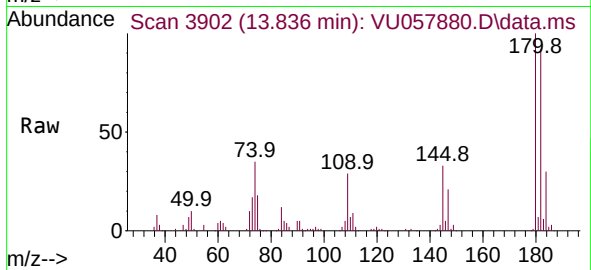
Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

Instrument :

MSVOA_U

ClientSampleId :



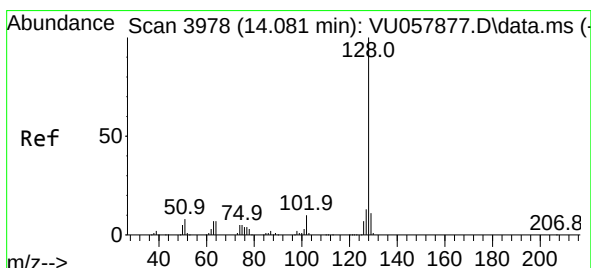
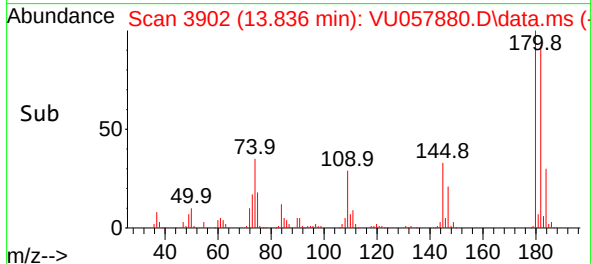
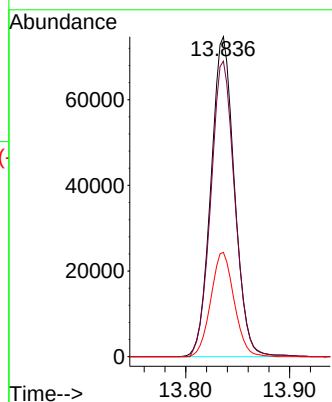
Tgt Ion:180 Resp: 117323

Ion Ratio Lower Upper

180 100

182 93.8 76.0 114.0

145 32.4 25.5 38.3



#71

Naphthalene

Concen: 47.839 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU057880.D

Acq: 19 Feb 2024 12:34

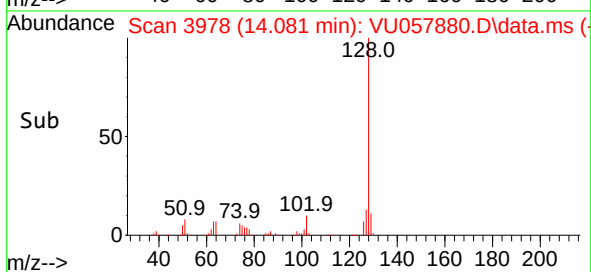
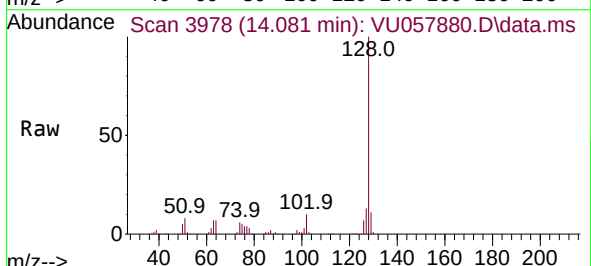
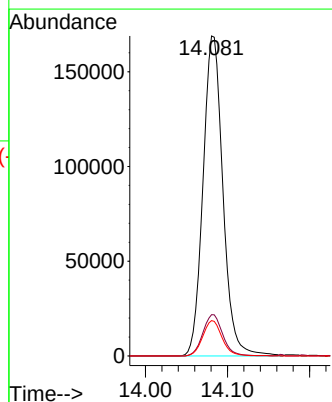
Tgt Ion:128 Resp: 285361

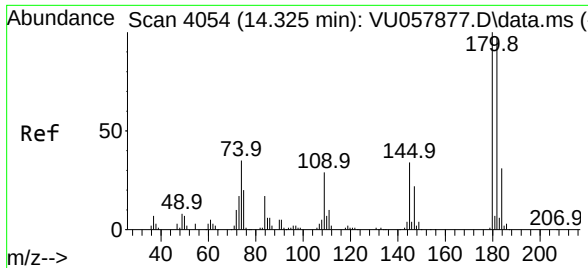
Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

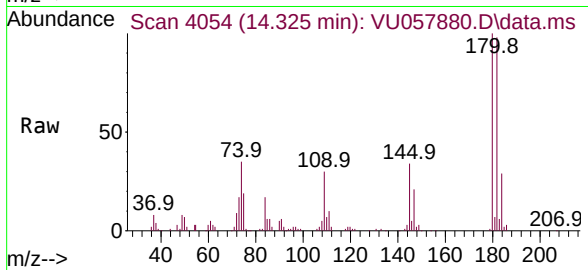
129 10.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 49.725 ug/L
 RT: 14.325 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU057880.D
 Acq: 19 Feb 2024 12:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 103531
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.6 114.8
 145 33.4 27.7 41.5

