

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058877.D
 Acq On : 14 May 2024 10:43
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:27:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:25:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84514	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53611	5.156	ug/L	0.00
7) Chloroethane-d5	1.911	69	49046	5.284	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	21757	5.283	ug/L	0.00
20) 2-Butanone-d5	4.631	46	141023	54.648	ug/L	0.00
24) Chloroform-d	5.055	84	108441	5.256	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	54098	5.316	ug/L	0.00
32) Benzene-d6	5.721	84	205418	5.247	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	67360	5.333	ug/L	0.00
41) Toluene-d8	7.891	98	185776	5.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	24372	5.327	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	112838	52.382	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57729	5.277	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	64133	5.034	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	63471	5.506	ug/L	100
3) Chloromethane	1.515	50	72909	5.383	ug/L	100
5) Vinyl chloride	1.602	62	79280	5.441	ug/L	100
6) Bromomethane	1.856	94	48893	5.387	ug/L	100
8) Chloroethane	1.930	64	48564	5.317	ug/L	100
9) Trichlorofluoromethane	2.136	101	99045	5.421	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60675	5.556	ug/L	100
12) 1,1-Dichloroethene	2.576	96	52804	5.317	ug/L	100
13) Acetone	2.644	43	87252	48.999	ug/L	100
14) Carbon disulfide	2.788	76	164261	5.177	ug/L	100
15) Methyl Acetate	2.955	43	23505	5.245	ug/L	100
16) Methylene chloride	3.039	84	66193	4.590	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	137349	5.194	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	56515	5.287	ug/L	100
19) 1,1-Dichloroethane	3.862	63	118075	5.361	ug/L	100
21) 2-Butanone	4.708	43	144270	50.734	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	66579	5.327	ug/L	100
23) Bromochloromethane	4.968	128	29366	5.471	ug/L	100
25) Chloroform	5.081	83	120883	5.381	ug/L	100
27) 1,2-Dichloroethane	5.788	62	75120	5.393	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	95562	5.434	ug/L	100
30) Cyclohexane	5.380	56	90109	5.346	ug/L	100
31) Carbon tetrachloride	5.518	117	80160	5.473	ug/L	100
33) Benzene	5.766	78	255974	5.412	ug/L	100
34) Trichloroethene	6.537	95	65788	5.290	ug/L	100
35) Methylcyclohexane	6.759	83	94881	5.374	ug/L	100
37) 1,2-Dichloropropane	6.782	63	70988	5.291	ug/L	100
38) Bromodichloromethane	7.097	83	86056	5.448	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	96314	5.277	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	375876	52.319	ug/L	100
42) Toluene	7.962	91	270604	5.428	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	79148	5.219	ug/L	100

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 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:27:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:25:35 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

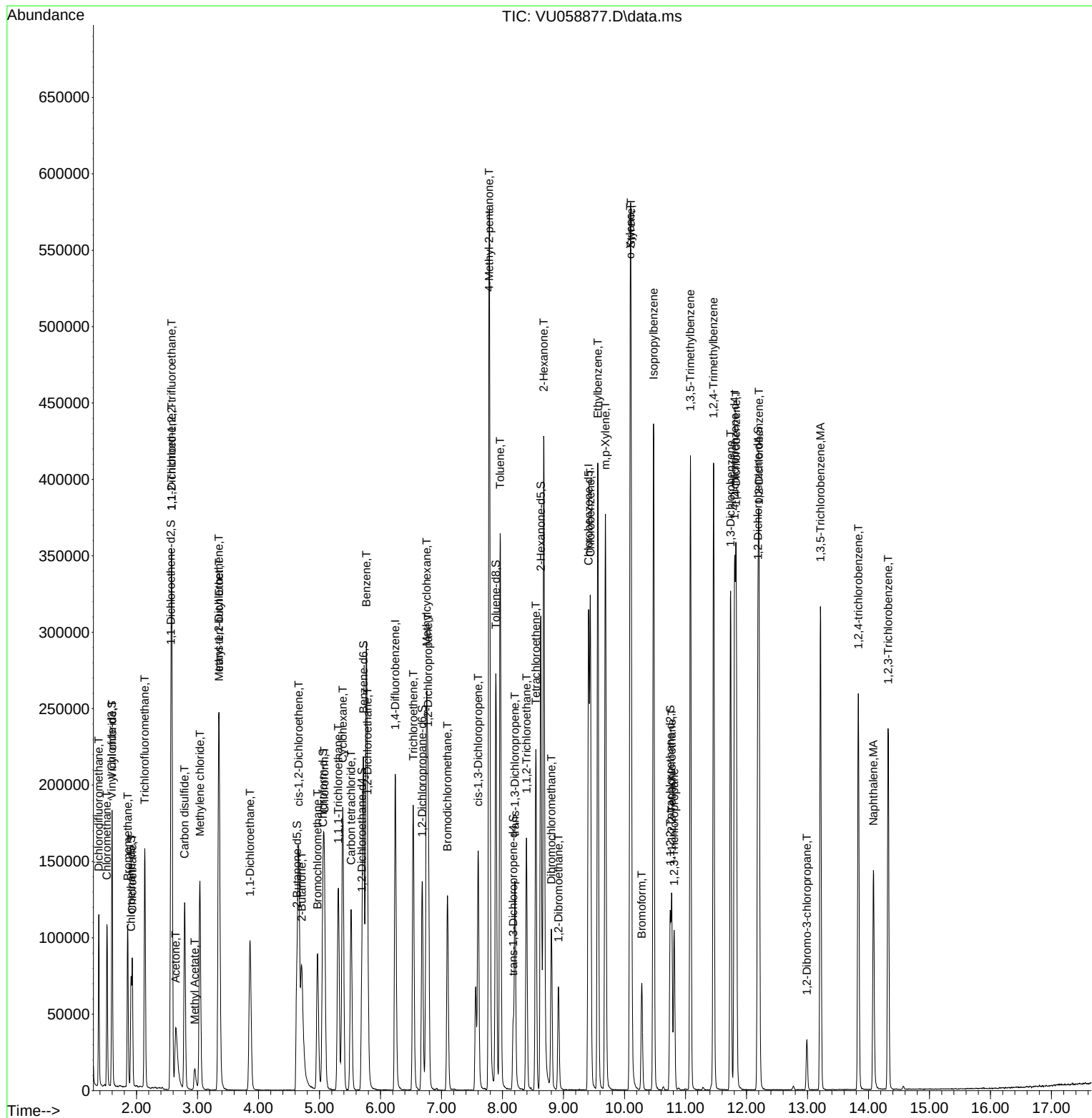
45) 1,1,2-Trichloroethane	8.393	97	50040	5.477	ug/L	100
47) Tetrachloroethene	8.547	164	47081	5.459	ug/L	100
48) 2-Hexanone	8.675	43	273033	51.446	ug/L	100
49) Dibromochloromethane	8.801	129	53476	5.373	ug/L	100
50) 1,2-Dibromoethane	8.917	107	45877	5.305	ug/L	100
51) Chlorobenzene	9.441	112	166144	5.282	ug/L	100
52) Ethylbenzene	9.563	91	282044	5.231	ug/L	100
53) m,p-Xylene	9.688	106	106858	5.316	ug/L	100
54) o-Xylene	10.093	106	101788	5.267	ug/L	100
55) Styrene	10.106	104	177813	5.340	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	62606	5.333	ug/L	100
59) Bromoform	10.283	173	31673	5.341	ug/L	100
60) Isopropylbenzene	10.476	105	281661	5.424	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	44634	5.490	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	223412	5.322	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	224892	5.360	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	133496	5.293	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	131114	5.090	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	125913	5.228	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	9087	5.269	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	98987	5.215	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	80914	4.865	ug/L	100
71) Naphthalene	14.080	128	121636	4.419	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	72214	4.845	ug/L	100

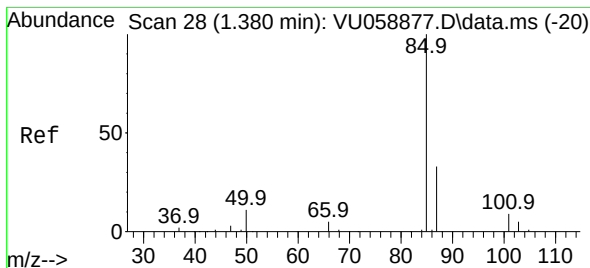
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
Data File : VU058877.D
Acq On : 14 May 2024 10:43
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 15 00:27:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
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#2

Dichlorodifluoromethane

Concen: 5.506 ug/L

RT: 1.380 min Scan# 20

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

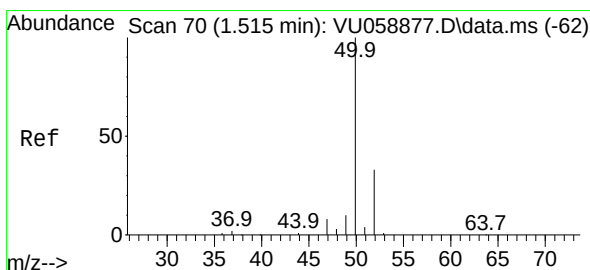
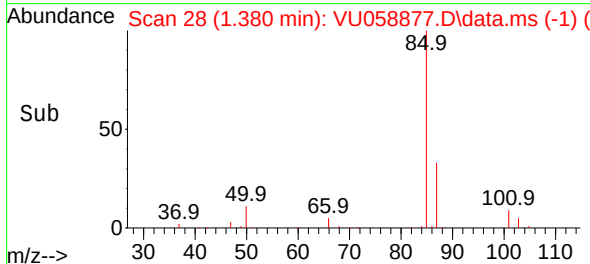
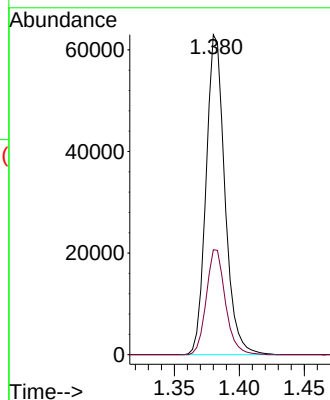
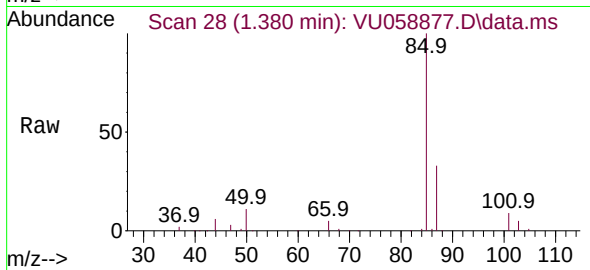
ClientSampleId :

Tgt Ion: 85 Resp: 63471

Ion Ratio Lower Upper

85 100

87 33.3 26.6 40.0



#3

Chloromethane

Concen: 5.383 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058877.D

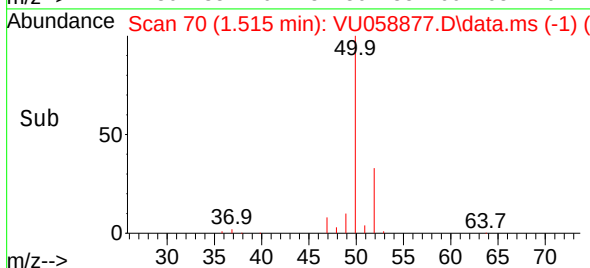
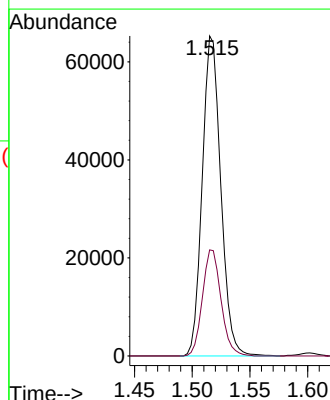
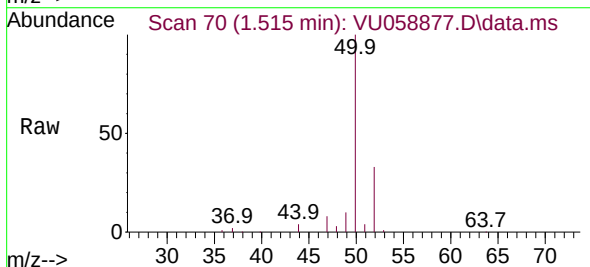
Acq: 14 May 2024 10:43

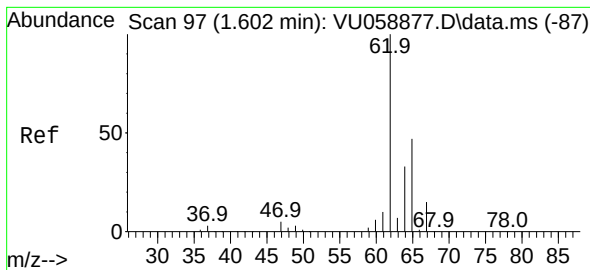
Tgt Ion: 50 Resp: 72909

Ion Ratio Lower Upper

50 100

52 33.1 23.2 43.0





#5

Vinyl chloride

Concen: 5.441 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

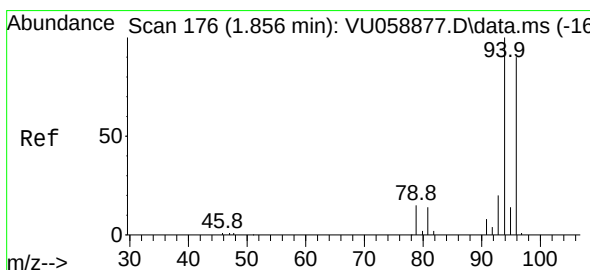
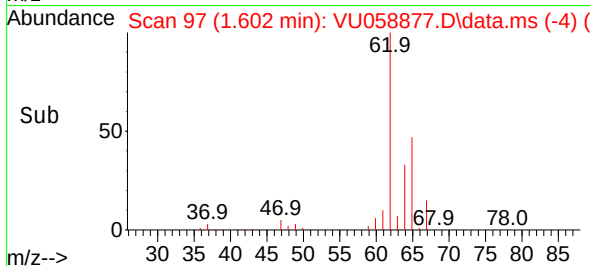
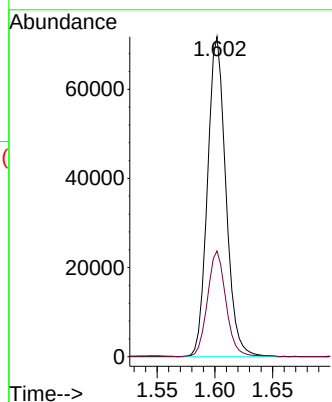
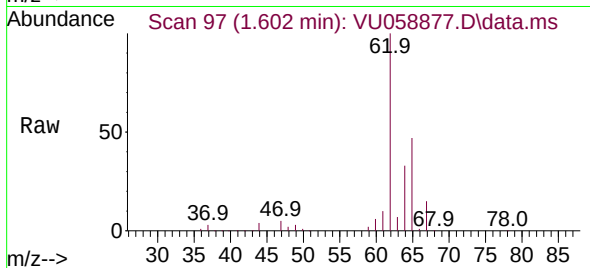
ClientSampleId :

Tgt Ion: 62 Resp: 79280

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 5.387 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU058877.D

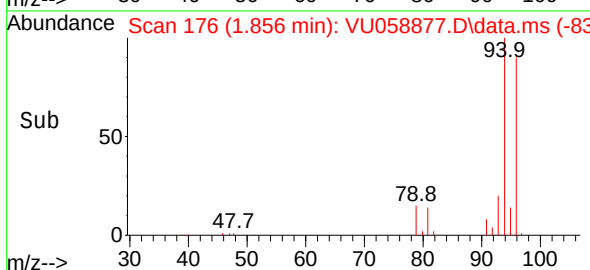
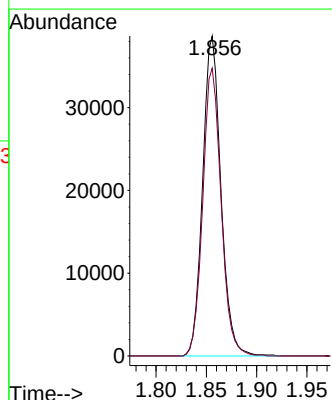
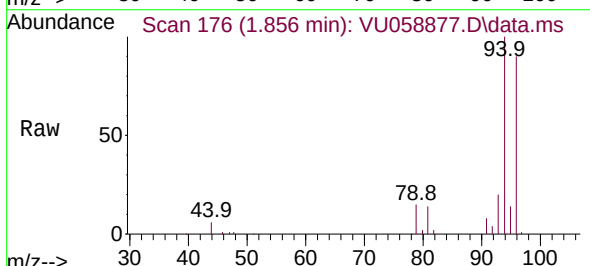
Acq: 14 May 2024 10:43

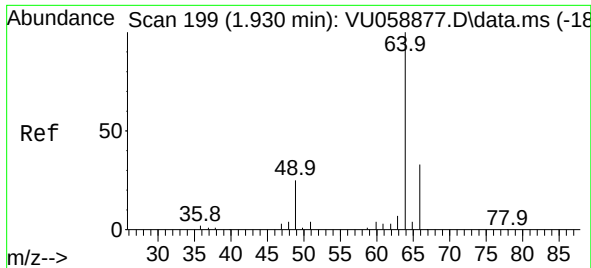
Tgt Ion: 94 Resp: 48893

Ion Ratio Lower Upper

94 100

96 89.9 62.9 116.9

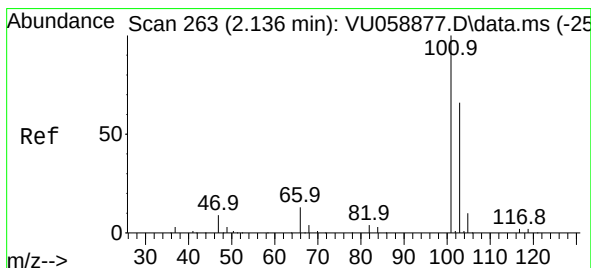
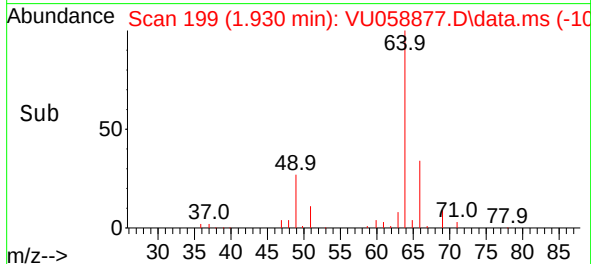
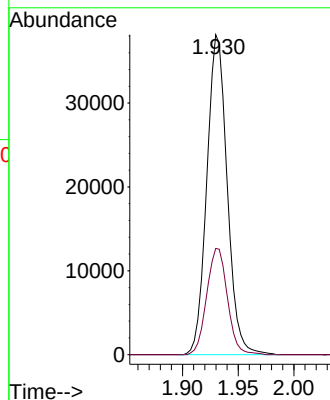
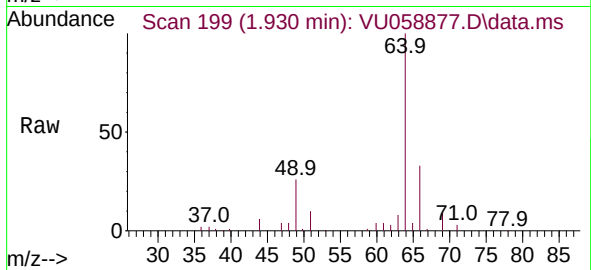




#8
Chloroethane
Concen: 5.317 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

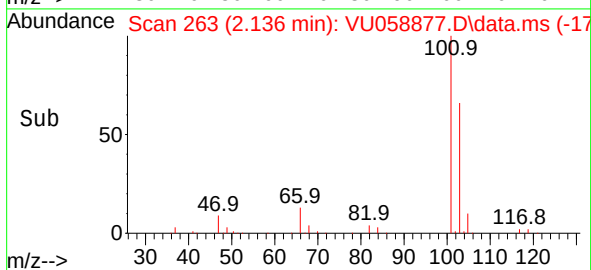
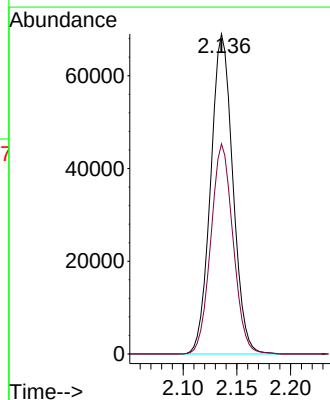
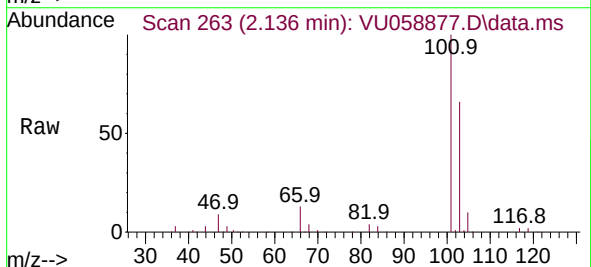
Instrument :
MSVOA_U
ClientSampleId :

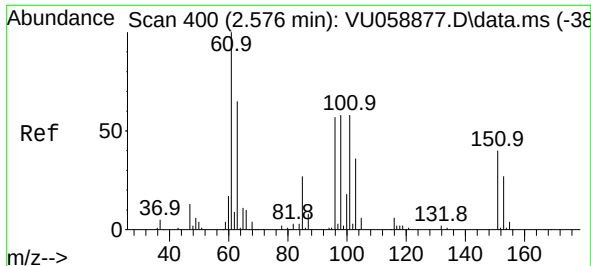
Tgt Ion: 64 Resp: 48564
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.421 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion:101 Resp: 99045
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

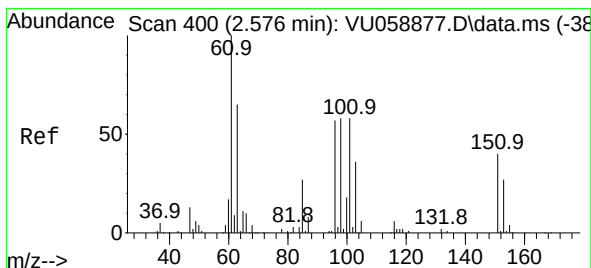
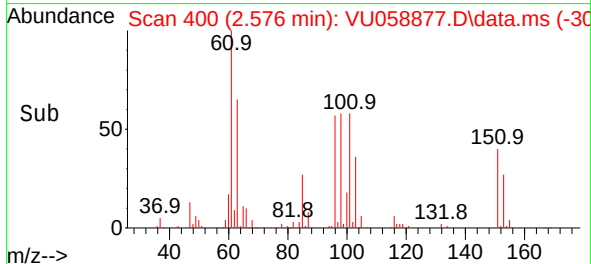
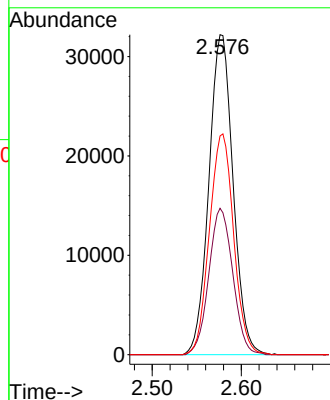
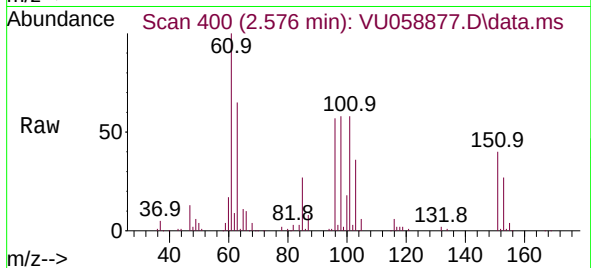




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.556 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

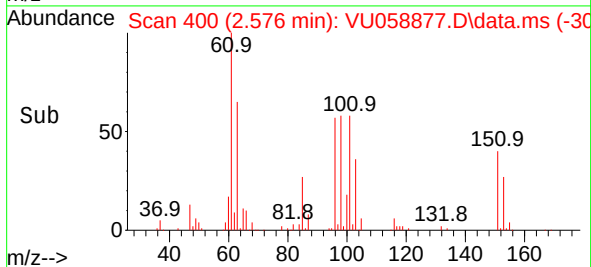
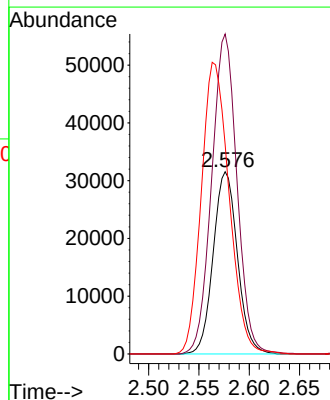
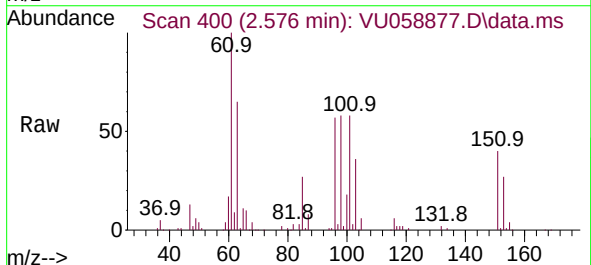
Instrument :
MSVOA_U
ClientSampleId :

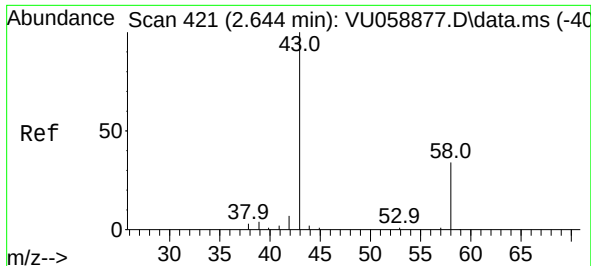
Tgt Ion:101 Resp: 60675
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.4
151 69.4 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.317 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion: 96 Resp: 52804
Ion Ratio Lower Upper
96 100
61 175.6 122.9 228.3
63 114.9 80.4 149.4





#13

Acetone

Concen: 48.999 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

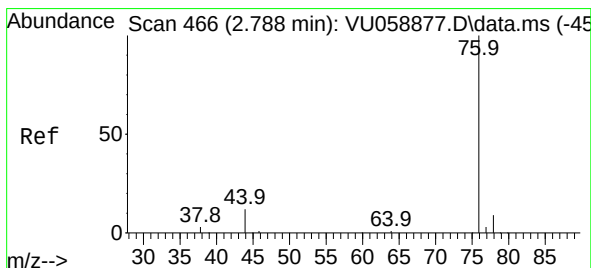
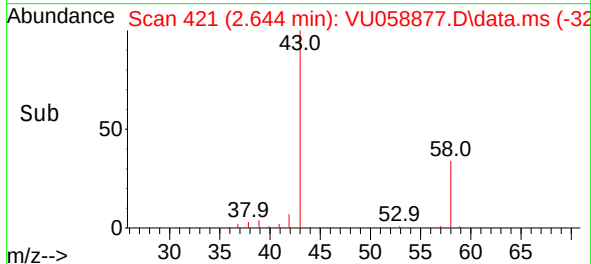
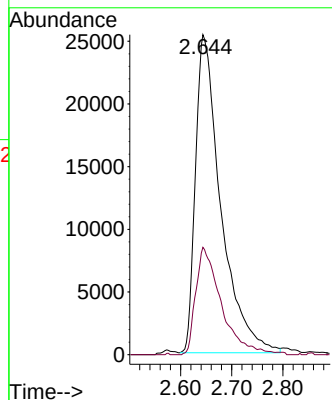
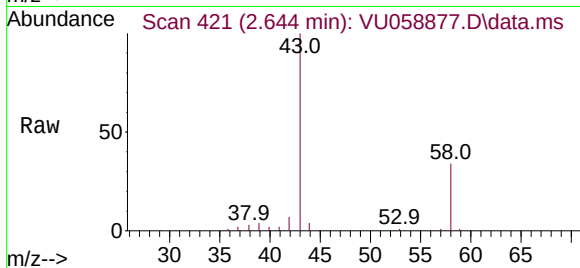
ClientSampleId :

Tgt Ion: 43 Resp: 87252

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.0



#14

Carbon disulfide

Concen: 5.177 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058877.D

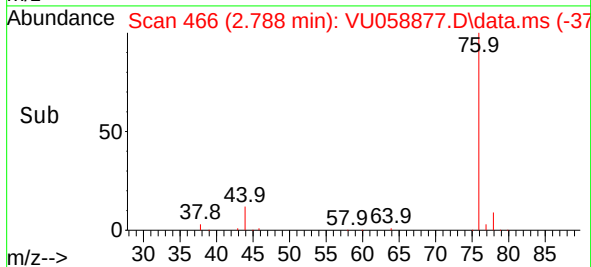
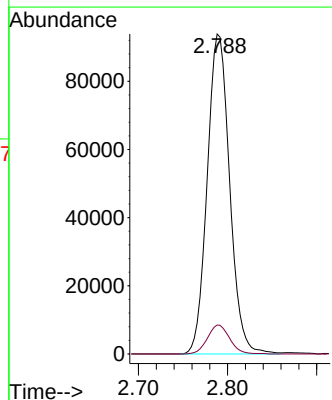
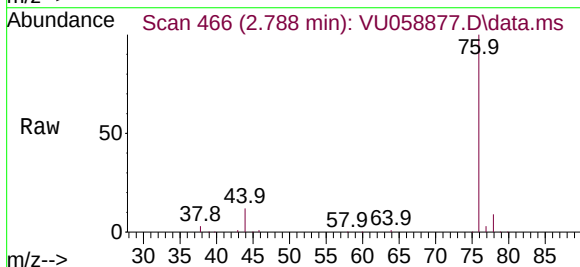
Acq: 14 May 2024 10:43

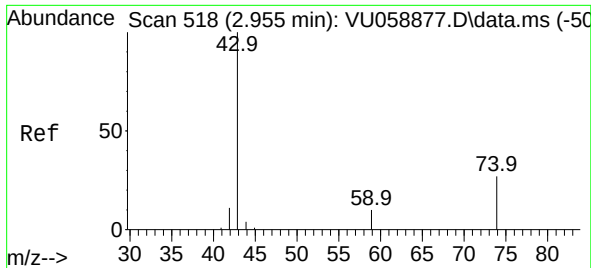
Tgt Ion: 76 Resp: 164261

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

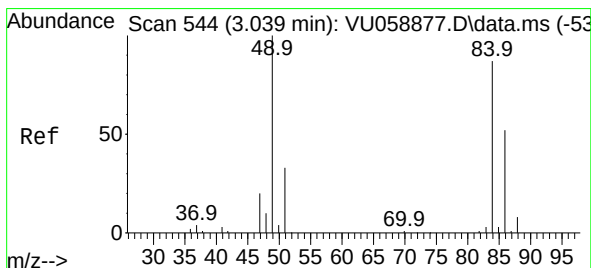
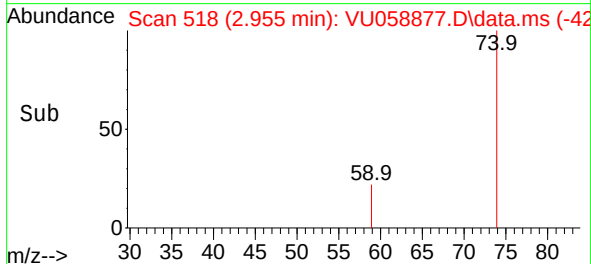
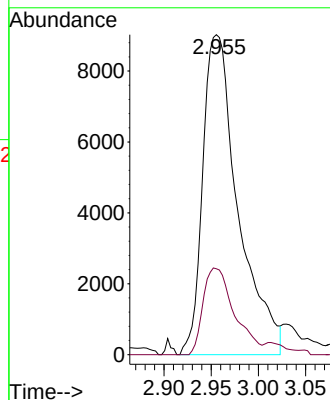
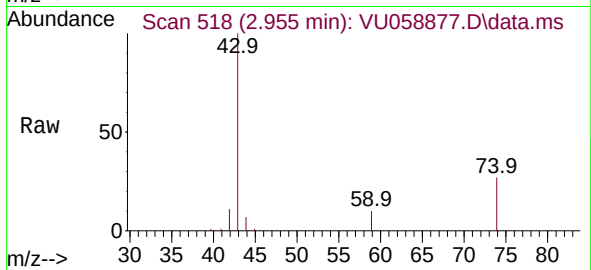




#15
Methyl Acetate
Concen: 5.245 ug/L
RT: 2.955 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

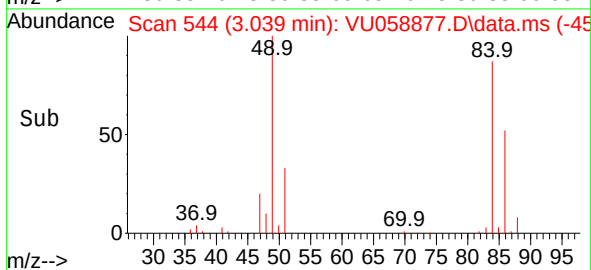
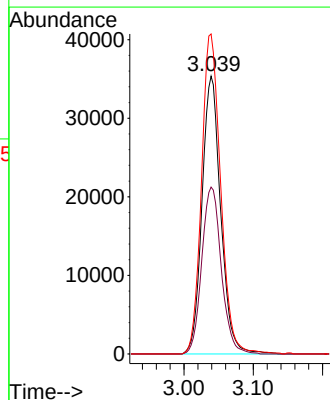
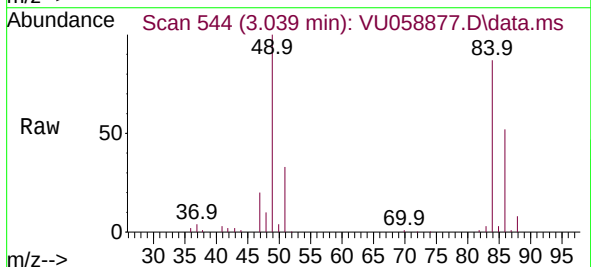
Instrument :
MSVOA_U
ClientSampleId :

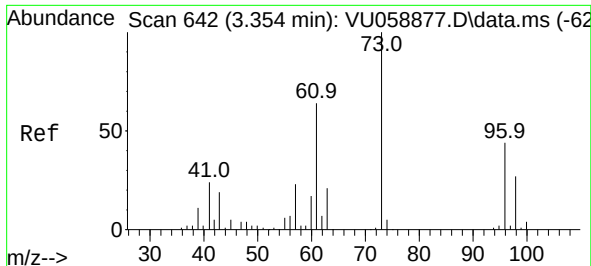
Tgt Ion: 43 Resp: 23505
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8



#16
Methylene chloride
Concen: 4.590 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion: 84 Resp: 66193
Ion Ratio Lower Upper
84 100
86 60.1 42.1 78.1
49 115.2 80.6 149.8

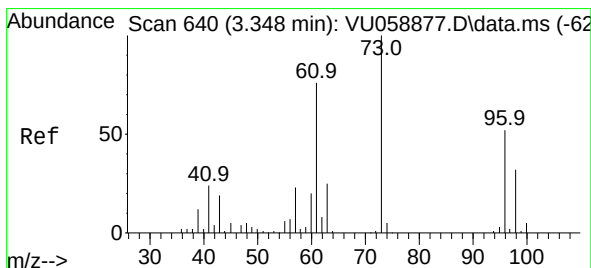
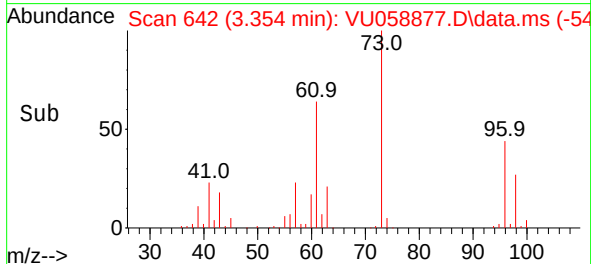
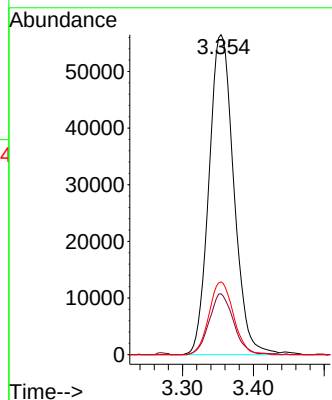
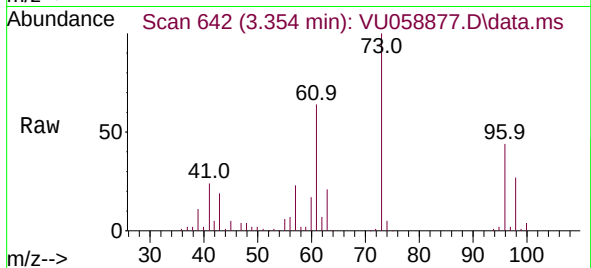




#17
Methyl tert-butyl Ether
Concen: 5.194 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

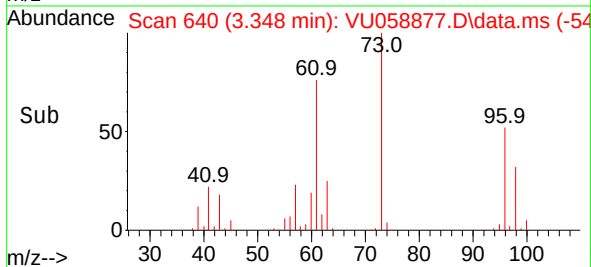
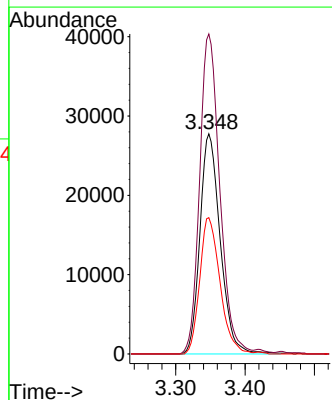
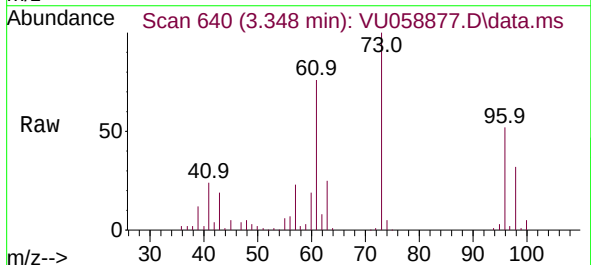
Instrument :
MSVOA_U
ClientSampleId :

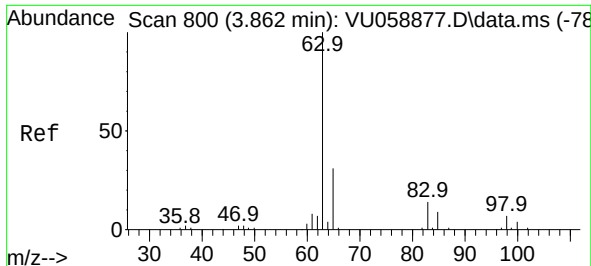
Tgt Ion: 73 Resp: 137349
Ion Ratio Lower Upper
73 100
43 18.6 14.9 22.3
57 22.5 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.287 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

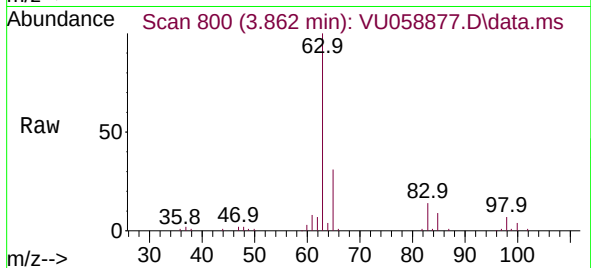
Tgt Ion: 96 Resp: 56515
Ion Ratio Lower Upper
96 100
61 145.4 101.8 189.0
98 61.9 43.3 80.5



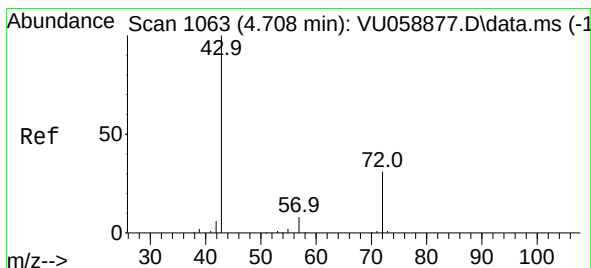
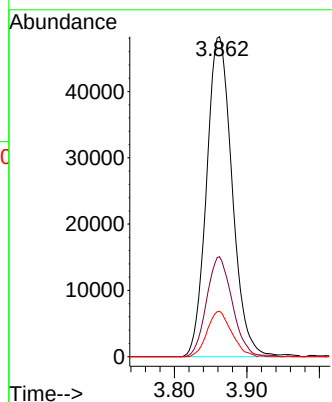
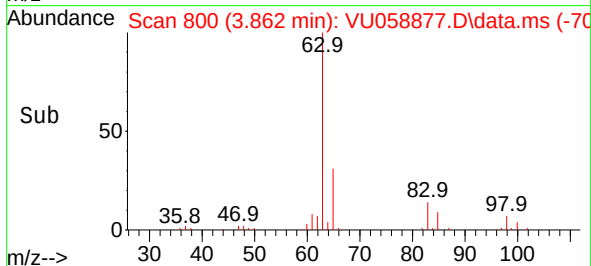


#19
1,1-Dichloroethane
Concen: 5.361 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Instrument :
MSVOA_U
ClientSampleId :

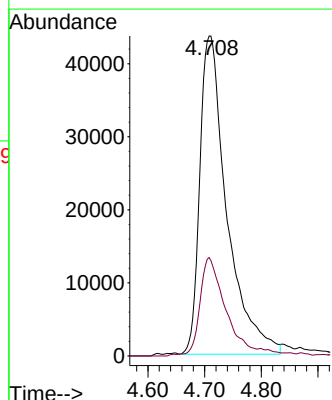
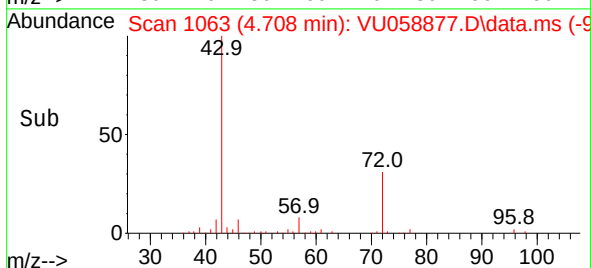
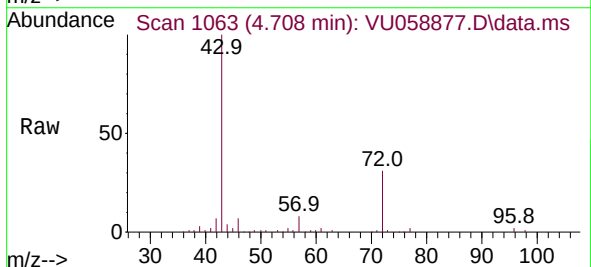


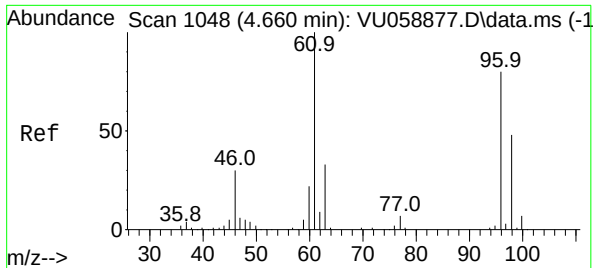
Tgt Ion: 63 Resp: 118075
Ion Ratio Lower Upper
63 100
65 31.2 21.8 40.6
83 14.2 9.9 18.5



#21
2-Butanone
Concen: 50.734 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion: 43 Resp: 144270
Ion Ratio Lower Upper
43 100
72 27.6 13.8 41.4

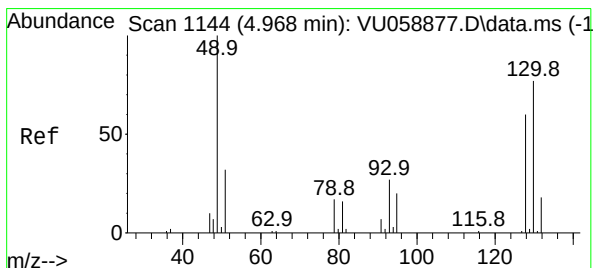
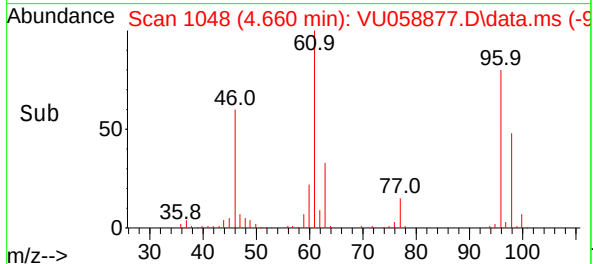
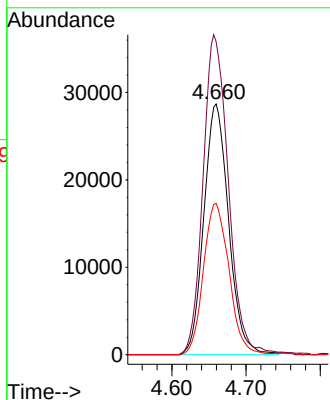
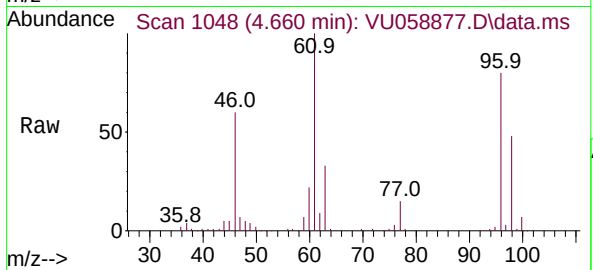




#22
 cis-1,2-Dichloroethene
 Concen: 5.327 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU058877.D
 Acq: 14 May 2024 10:43

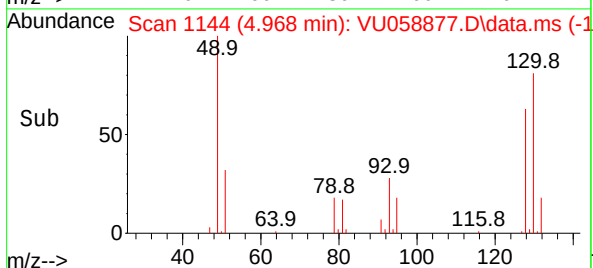
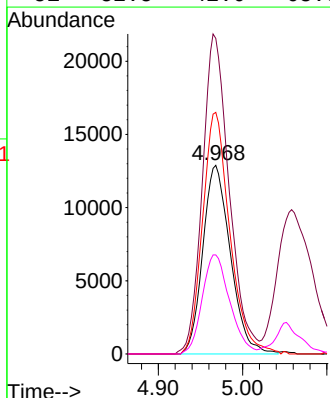
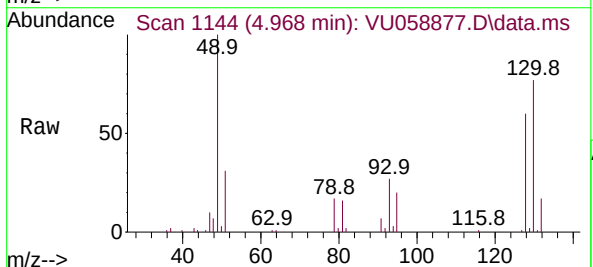
Instrument :
 MSVOA_U
 ClientSampleId :

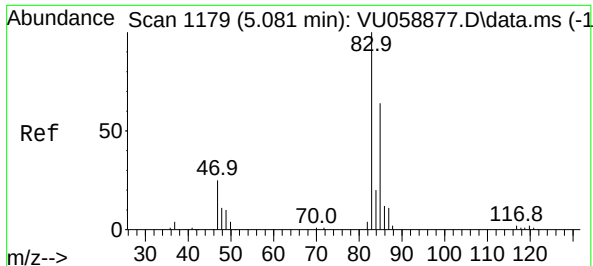
Tgt Ion: 96 Resp: 66579
 Ion Ratio Lower Upper
 96 100
 61 124.8 87.4 162.2
 98 60.4 42.3 78.5



#23
 Bromochloromethane
 Concen: 5.471 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU058877.D
 Acq: 14 May 2024 10:43

Tgt Ion:128 Resp: 29366
 Ion Ratio Lower Upper
 128 100
 49 167.2 117.0 217.4
 130 128.0 89.6 166.4
 51 52.5 42.0 63.0

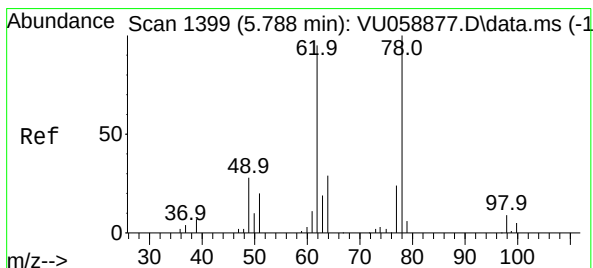
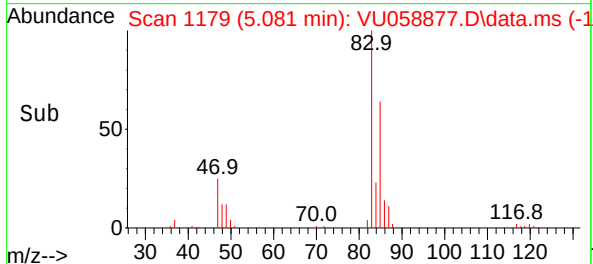
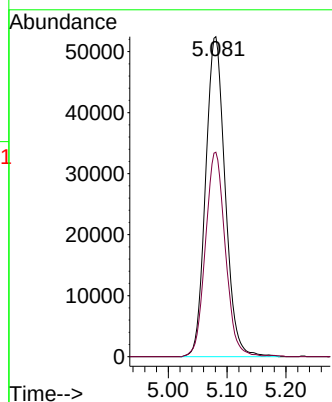
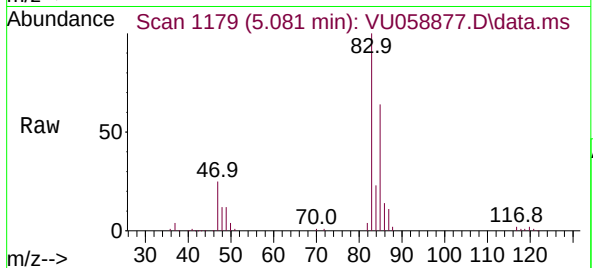




#25
Chloroform
Concen: 5.381 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

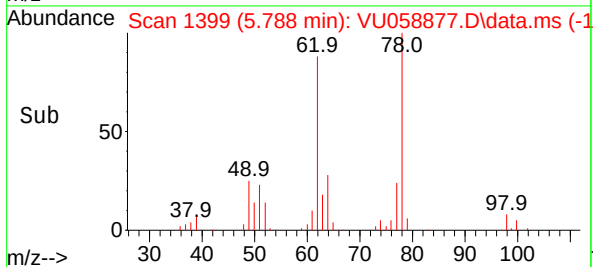
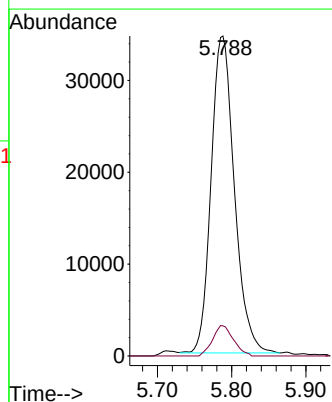
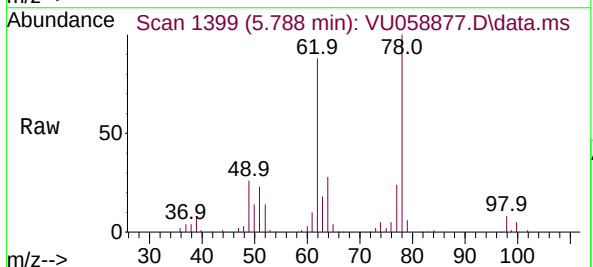
Instrument :
MSVOA_U
ClientSampleId :

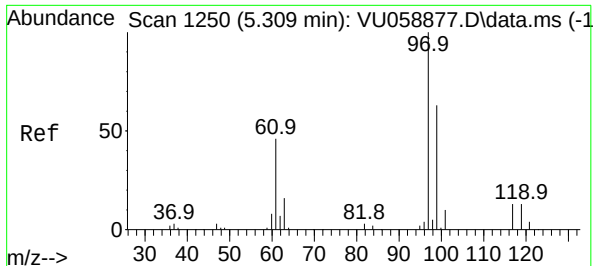
Tgt Ion: 83 Resp: 120883
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.393 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion: 62 Resp: 75120
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3

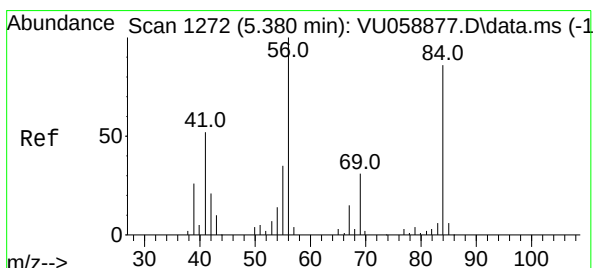
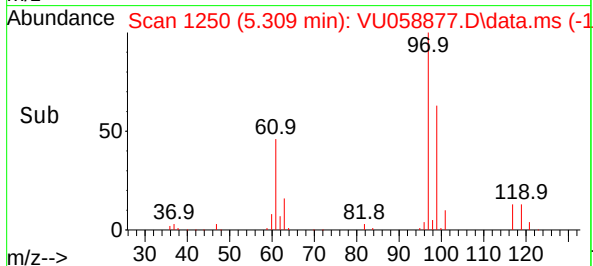
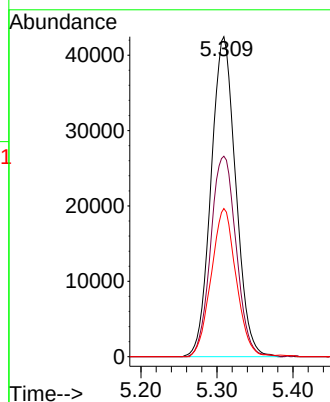
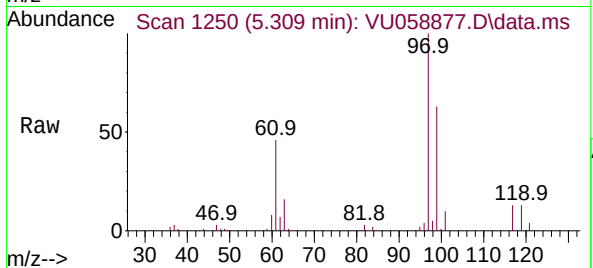




#29
1,1,1-Trichloroethane
Concen: 5.434 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

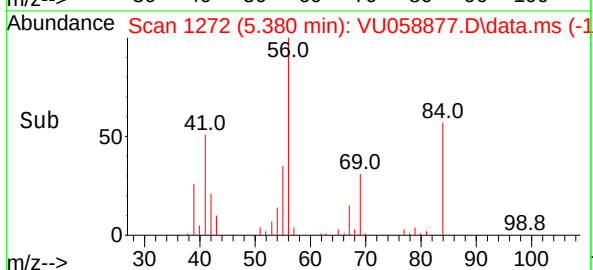
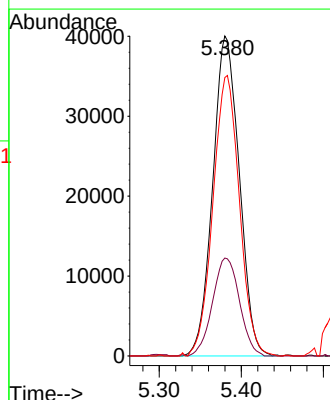
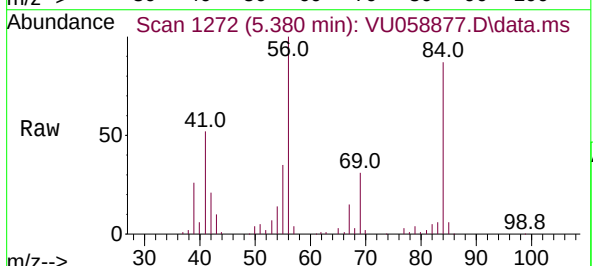
Instrument :
MSVOA_U
ClientSampleId :

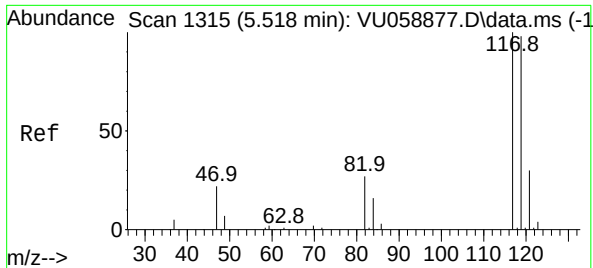
Tgt Ion:	97	Resp:	95562
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	46.8	37.4	56.2



#30
Cyclohexane
Concen: 5.346 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion:	56	Resp:	90109
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.8	37.2
84	87.3	69.8	104.8

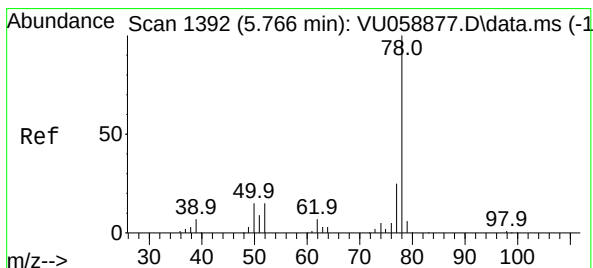
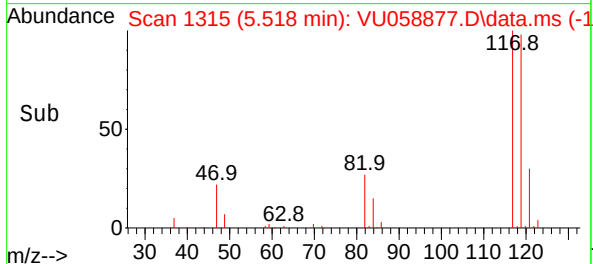
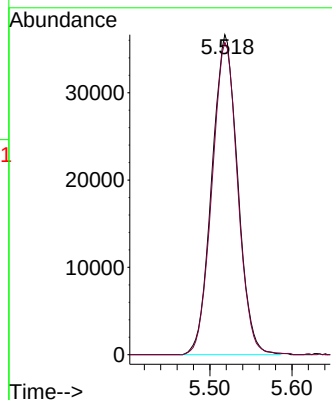
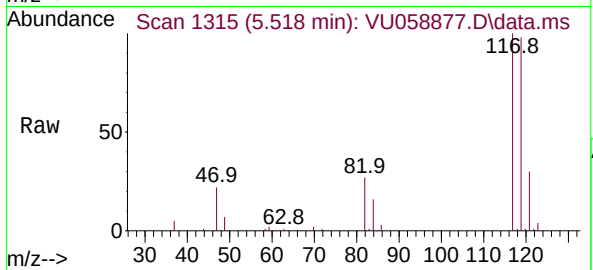




#31
Carbon tetrachloride
Concen: 5.473 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

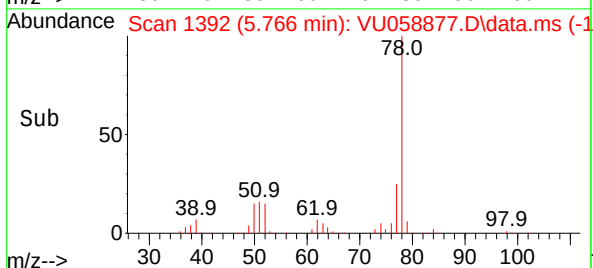
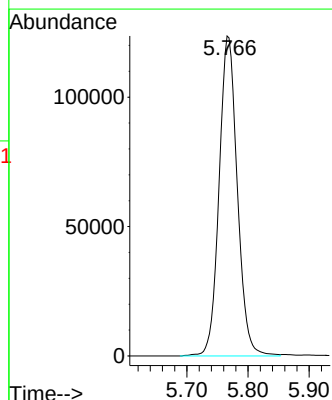
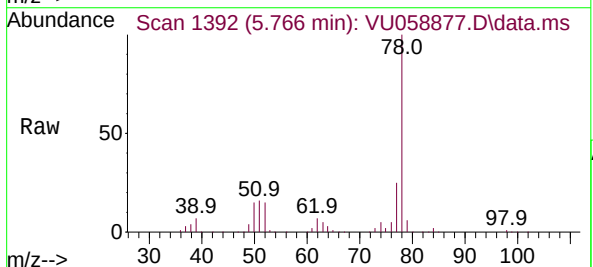
Instrument :
MSVOA_U
ClientSampleId :

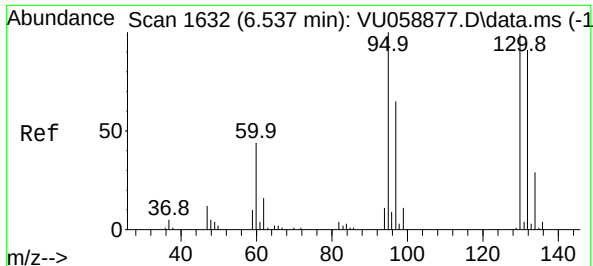
Tgt Ion:117 Resp: 80160
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 5.412 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion: 78 Resp: 255974





#34

Trichloroethene

Concen: 5.290 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 65788

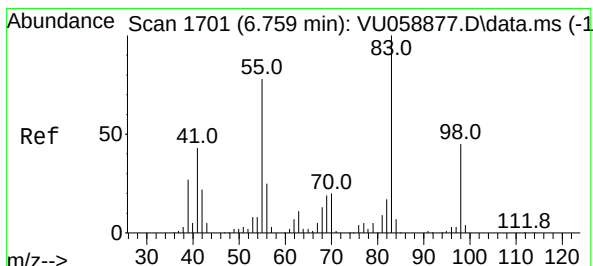
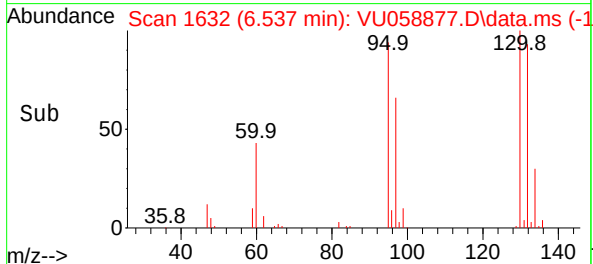
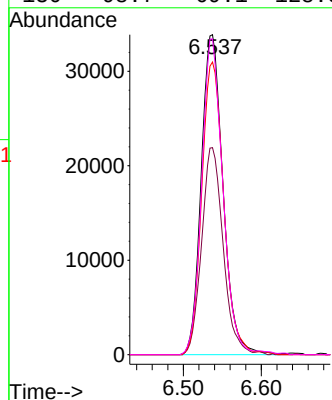
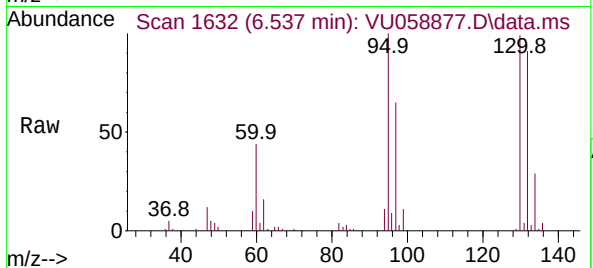
Ion Ratio Lower Upper

95 100

97 64.7 45.3 84.1

132 91.5 64.0 119.0

130 98.7 69.1 128.3



#35

Methylcyclohexane

Concen: 5.374 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

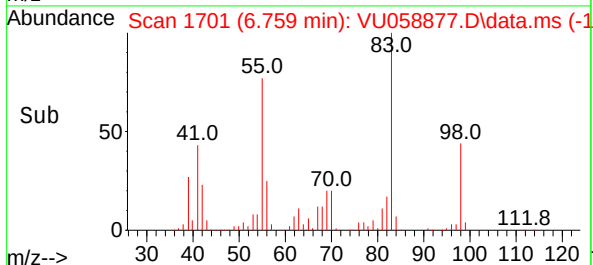
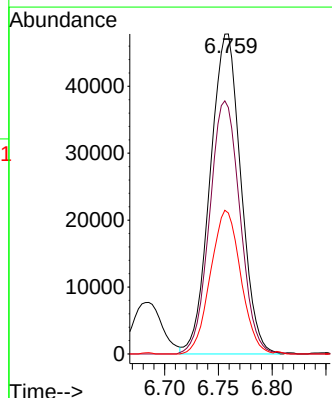
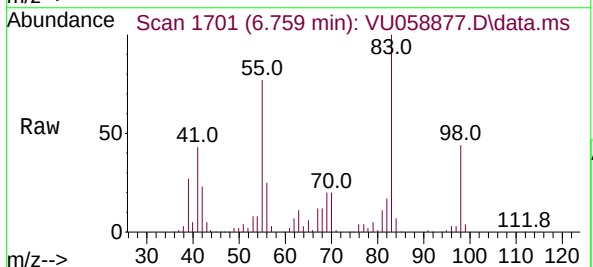
Tgt Ion: 83 Resp: 94881

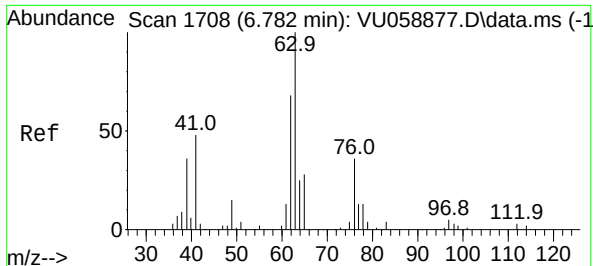
Ion Ratio Lower Upper

83 100

55 78.4 62.7 94.1

98 44.2 35.4 53.0

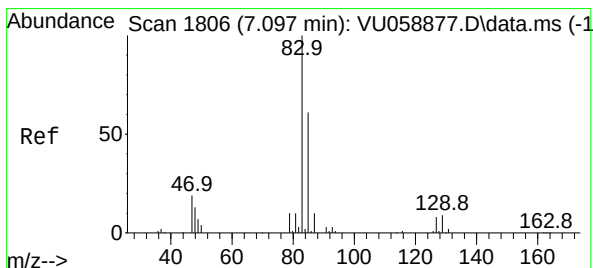
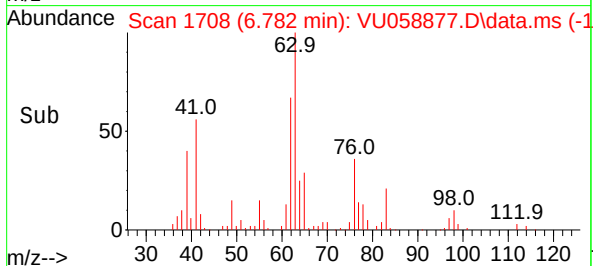
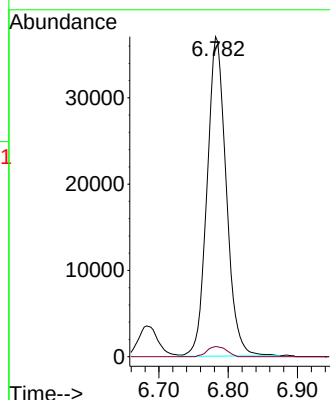
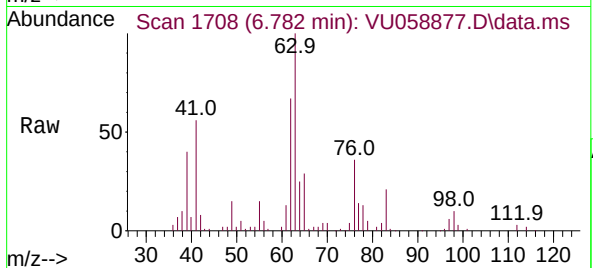




#37
1,2-Dichloropropane
Concen: 5.291 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

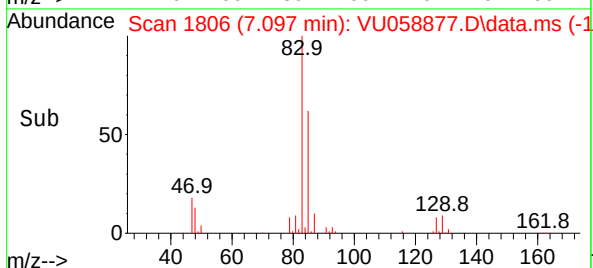
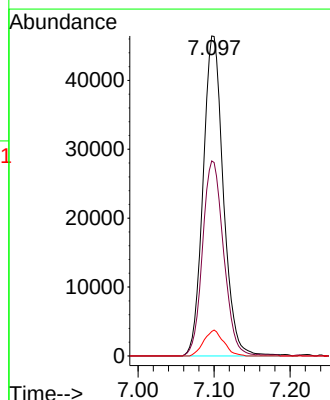
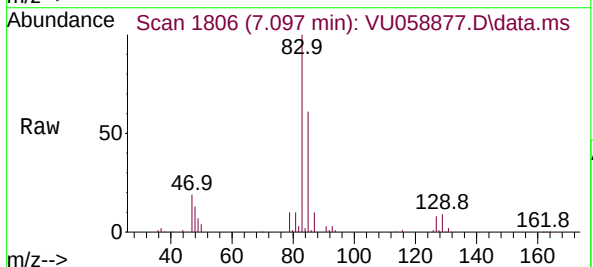
Instrument :
MSVOA_U
ClientSampleId :

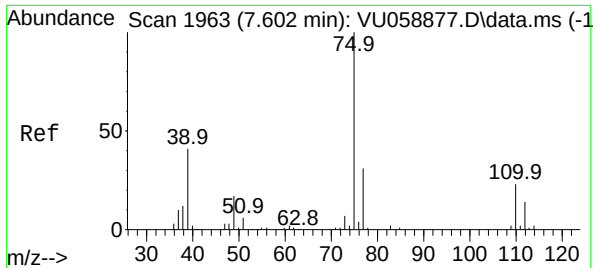
Tgt Ion: 63 Resp: 70988
Ion Ratio Lower Upper
63 100
112 3.2 2.6 3.8



#38
Bromodichloromethane
Concen: 5.448 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion: 83 Resp: 86056
Ion Ratio Lower Upper
83 100
85 61.0 42.7 79.3
127 7.6 6.1 9.1

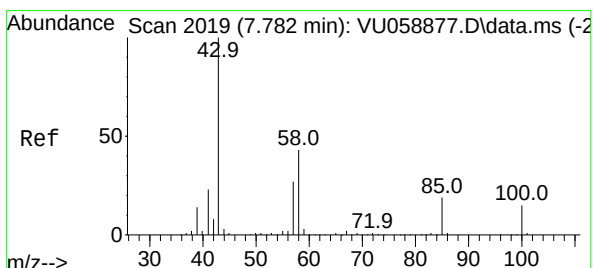
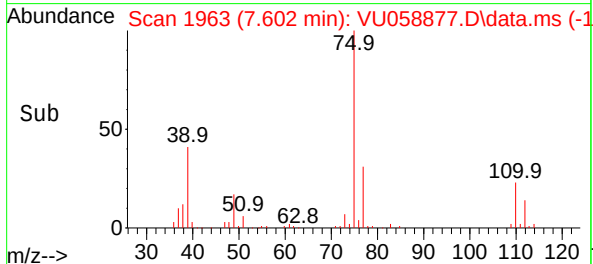
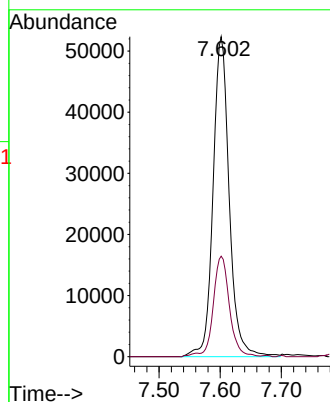
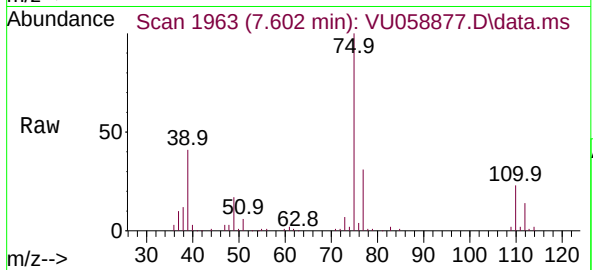




#39
 cis-1,3-Dichloropropene
 Concen: 5.277 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058877.D
 Acq: 14 May 2024 10:43

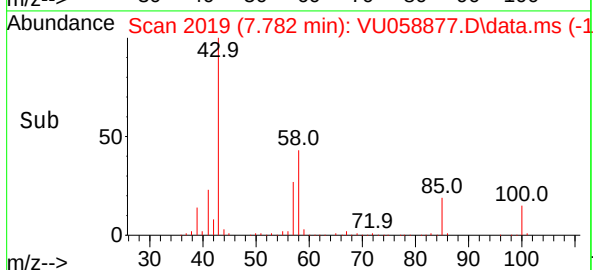
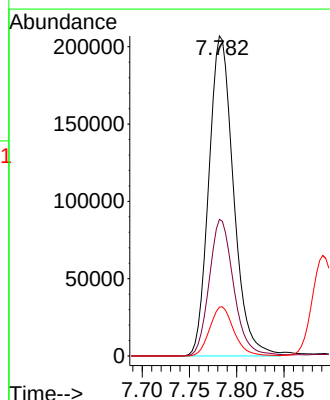
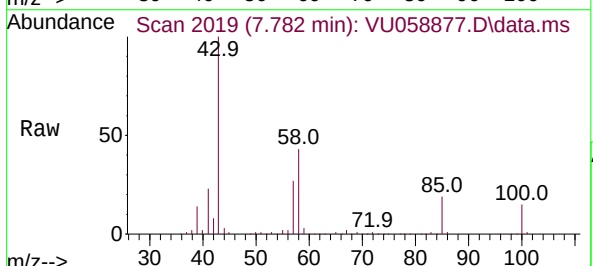
Instrument :
 MSVOA_U
 ClientSampleId :

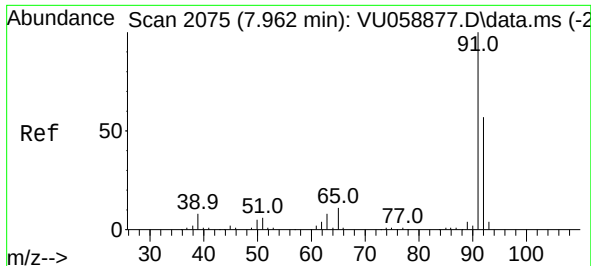
Tgt Ion: 75 Resp: 96314
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 52.319 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058877.D
 Acq: 14 May 2024 10:43

Tgt Ion: 43 Resp: 375876
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.0 51.0
 100 15.1 12.1 18.1





#42

Toluene

Concen: 5.428 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

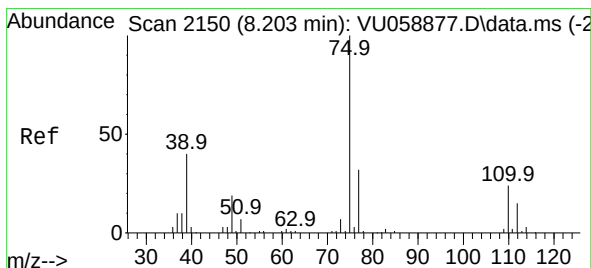
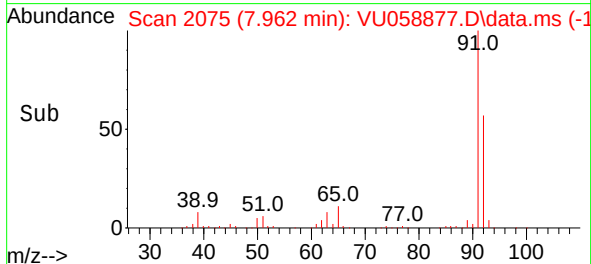
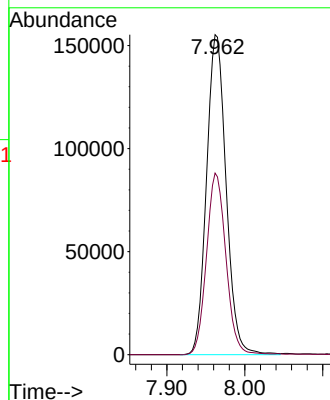
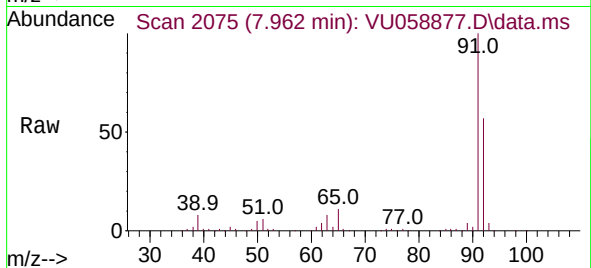
ClientSampleId :

Tgt Ion: 91 Resp: 270604

Ion Ratio Lower Upper

91 100

92 56.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.219 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058877.D

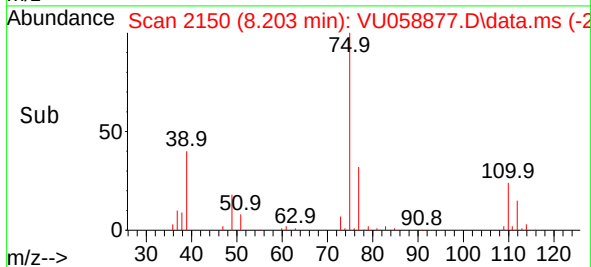
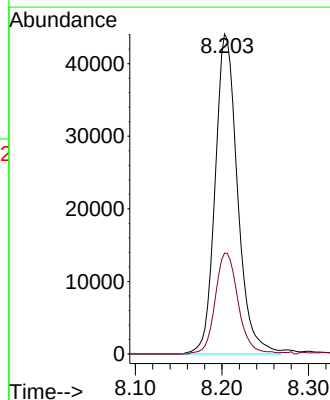
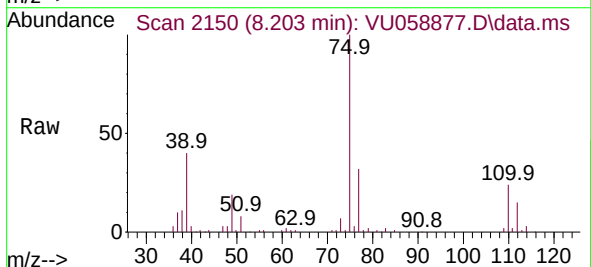
Acq: 14 May 2024 10:43

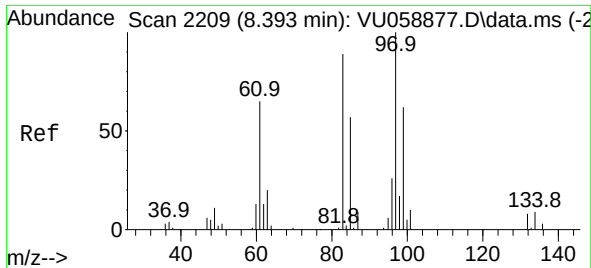
Tgt Ion: 75 Resp: 79148

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0

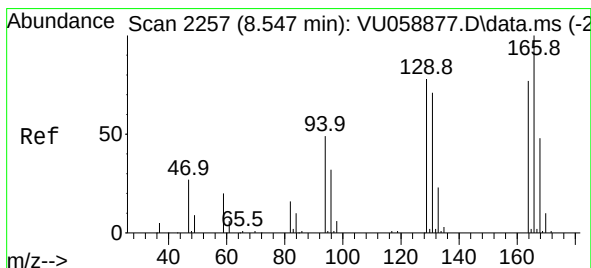
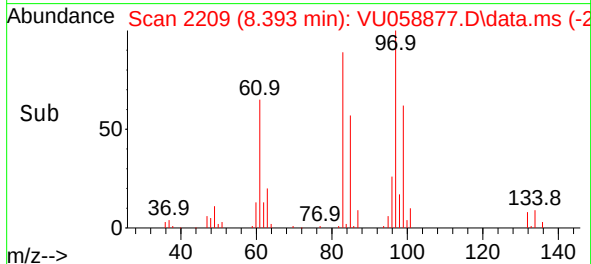
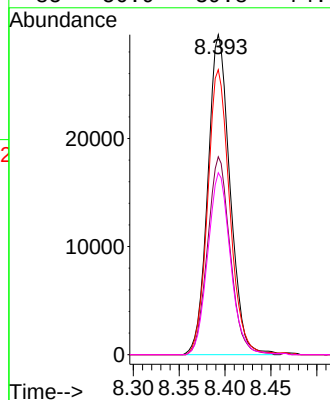
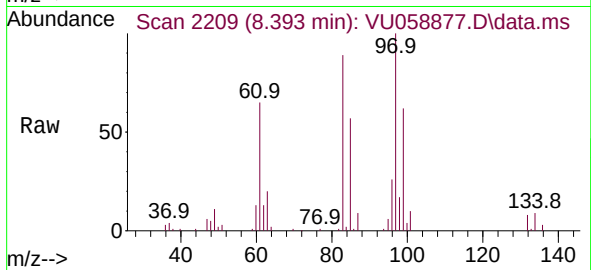




#45
1,1,2-Trichloroethane
Concen: 5.477 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

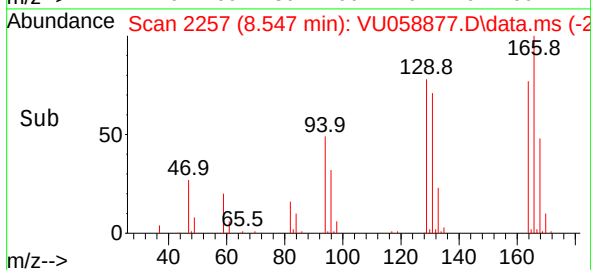
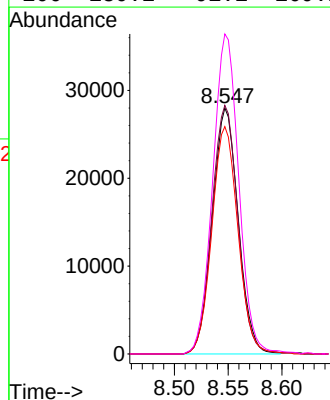
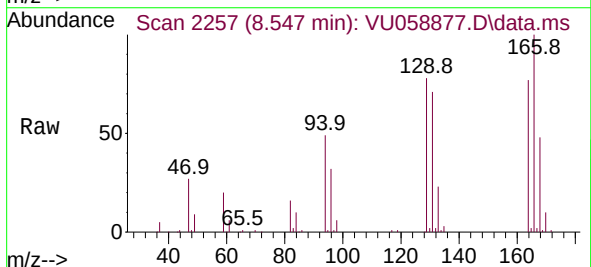
Instrument :
MSVOA_U
ClientSampleId :

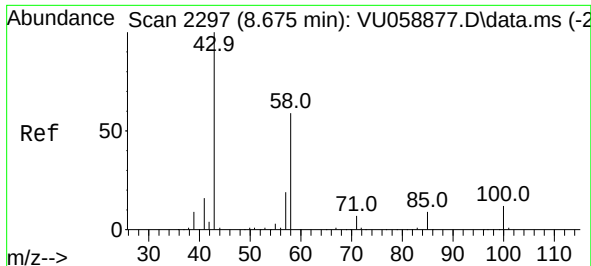
Tgt Ion:	97	Resp:	50040
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	89.0	62.3	115.7
85	56.9	39.8	74.0



#47
Tetrachloroethene
Concen: 5.459 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

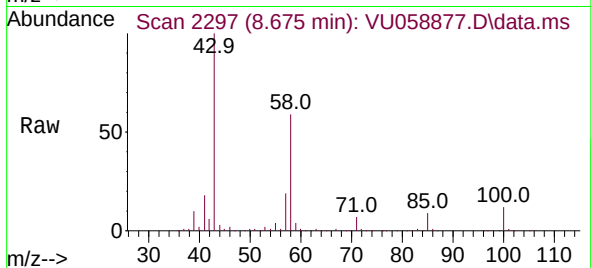
Tgt Ion:	164	Resp:	47081
Ion	Ratio	Lower	Upper
164	100		
129	101.1	70.8	131.4
131	92.5	64.8	120.3
166	130.1	91.1	169.1



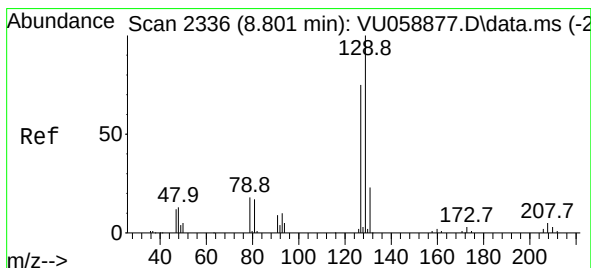
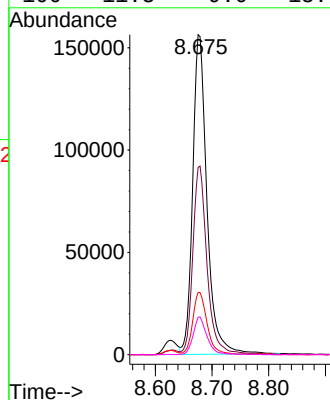
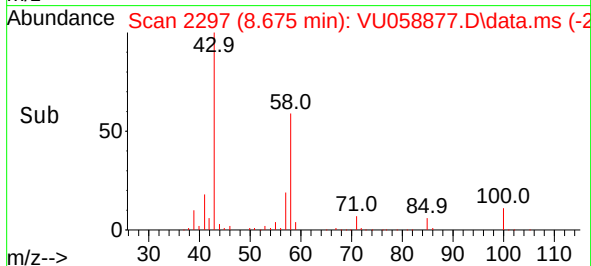


#48
2-Hexanone
Concen: 51.446 ug/L
RT: 8.675 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Instrument :
MSVOA_U
ClientSampleId :

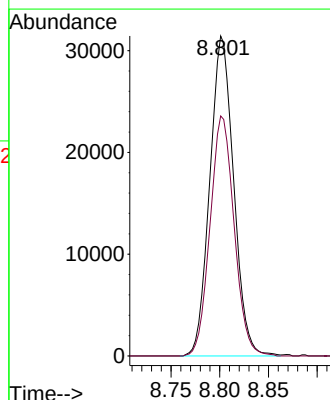
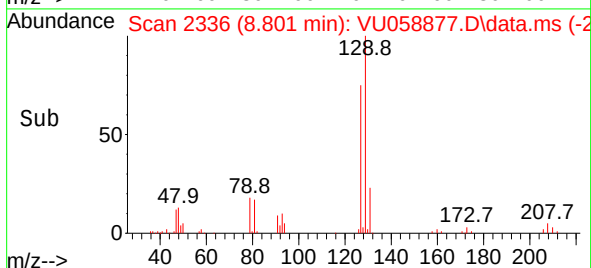
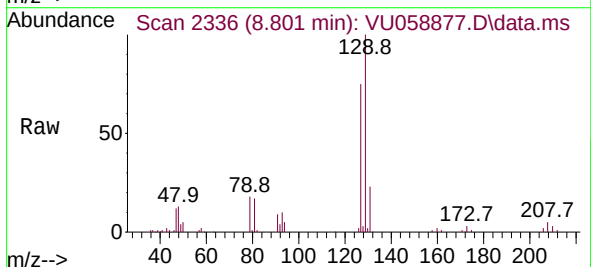


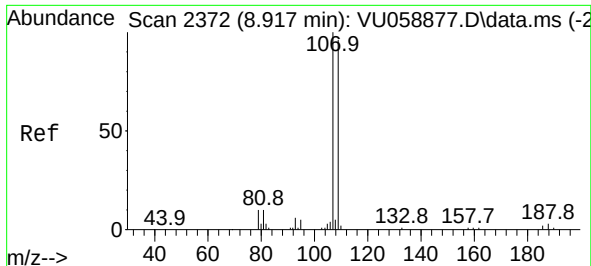
Tgt Ion: 43 Resp: 273033
Ion Ratio Lower Upper
43 100
58 57.6 46.1 69.1
57 19.4 15.5 23.3
100 11.3 9.0 13.6



#49
Dibromochloromethane
Concen: 5.373 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion: 129 Resp: 53476
Ion Ratio Lower Upper
129 100
127 75.0 52.5 97.5

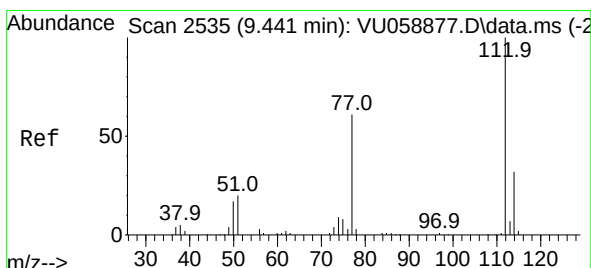
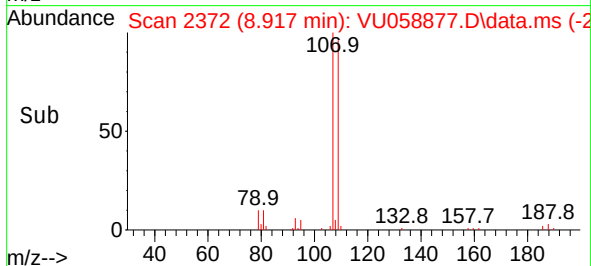
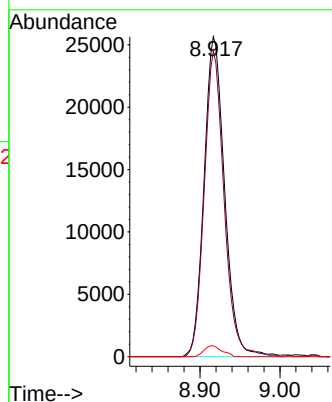
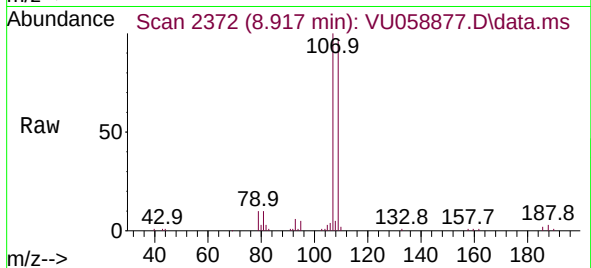




#50
1,2-Dibromoethane
Concen: 5.305 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

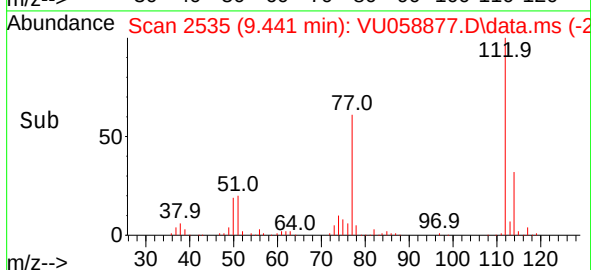
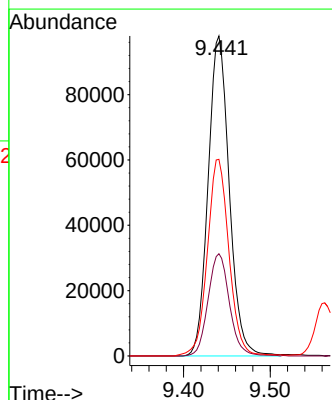
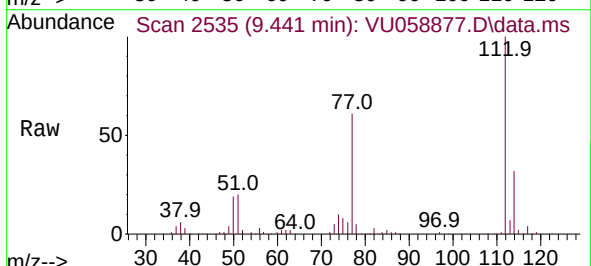
Instrument :
MSVOA_U
ClientSampleId :

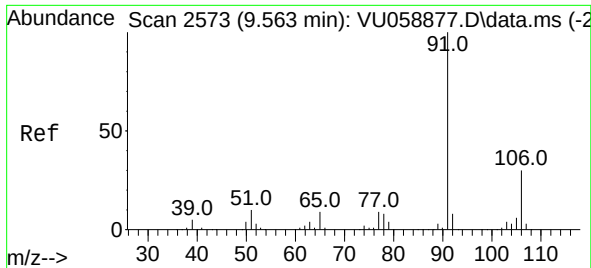
Tgt Ion:107 Resp: 45877
Ion Ratio Lower Upper
107 100
109 95.6 66.9 124.3
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.282 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion:112 Resp: 166144
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 61.4 49.1 73.7





#52

Ethylbenzene

Concen: 5.231 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

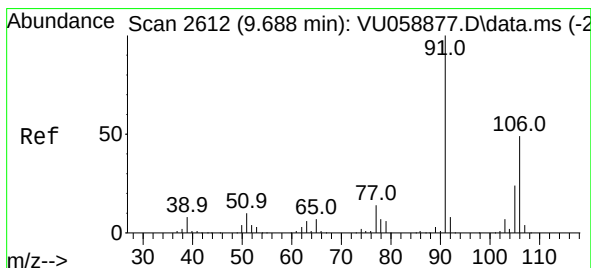
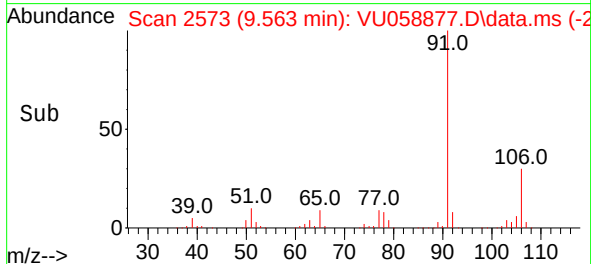
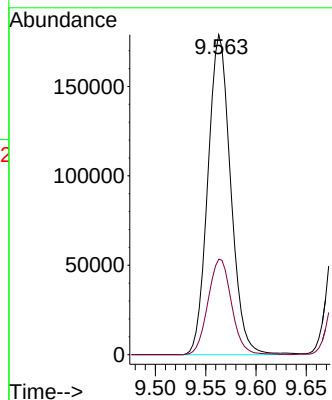
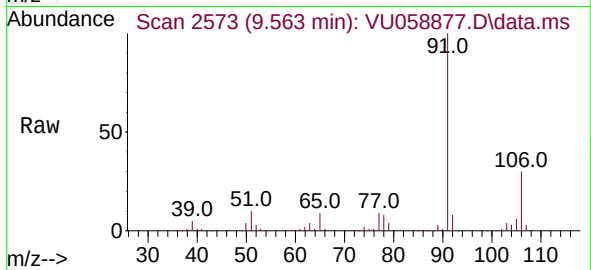
ClientSampleId :

Tgt Ion: 91 Resp: 282044

Ion Ratio Lower Upper

91 100

106 29.8 20.9 38.7



#53

m,p-Xylene

Concen: 5.316 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU058877.D

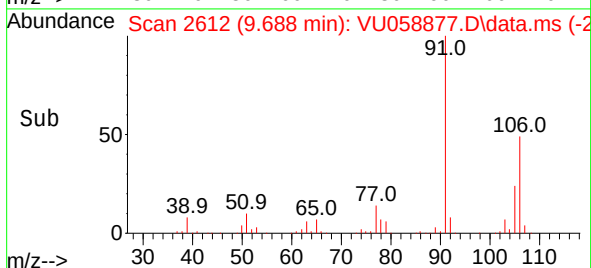
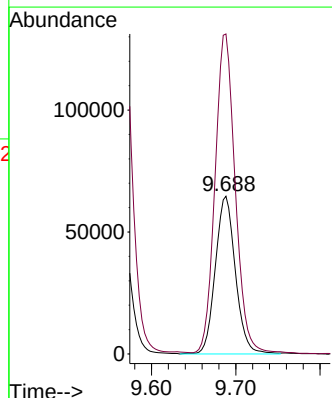
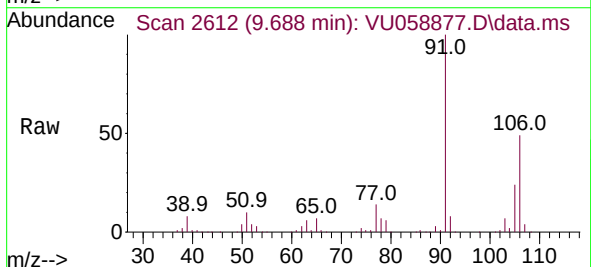
Acq: 14 May 2024 10:43

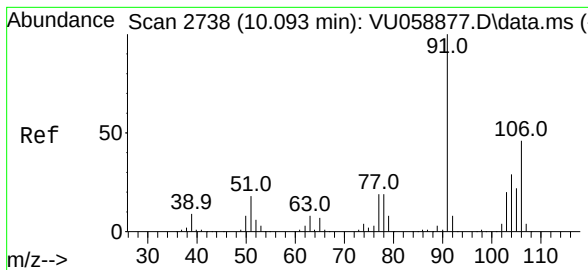
Tgt Ion:106 Resp: 106858

Ion Ratio Lower Upper

106 100

91 202.9 142.0 263.8

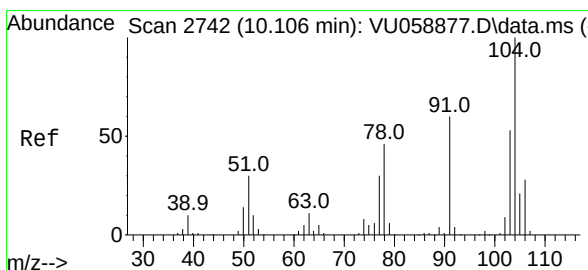
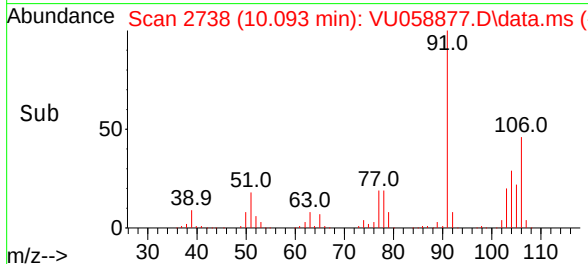
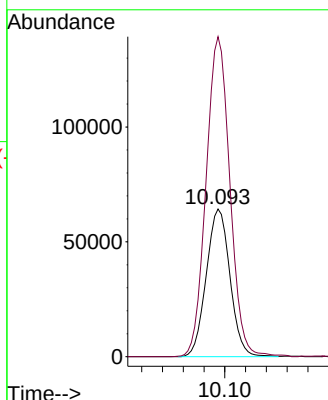
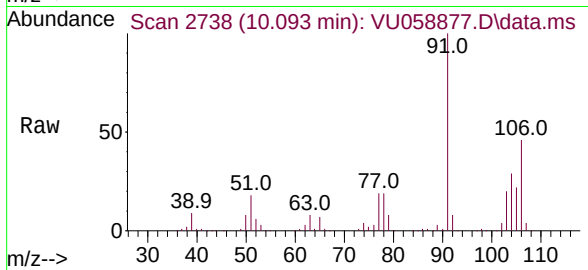




#54
o-Xylene
Concen: 5.267 ug/L
RT: 10.093 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

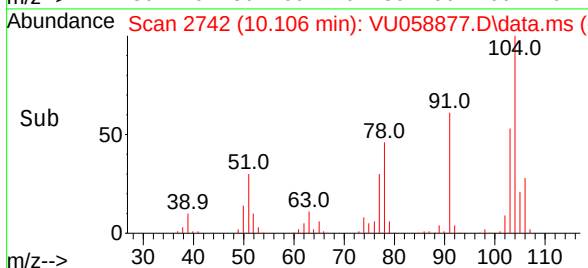
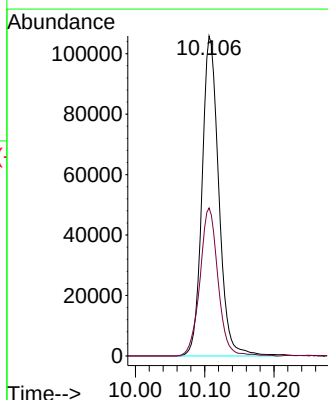
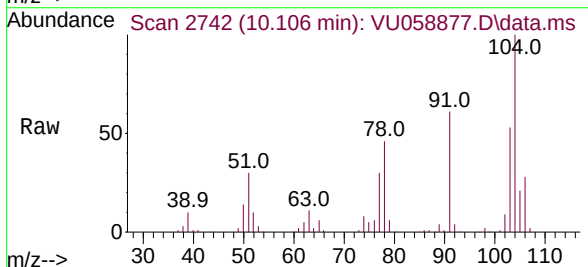
Instrument :
MSVOA_U
ClientSampleId :

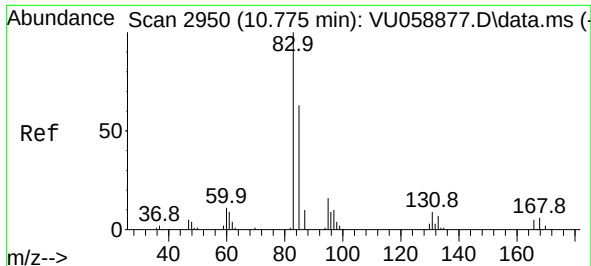
Tgt Ion:106 Resp: 101788
Ion Ratio Lower Upper
106 100
91 216.6 151.6 281.6



#55
Styrene
Concen: 5.340 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion:104 Resp: 177813
Ion Ratio Lower Upper
104 100
78 46.2 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.333 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

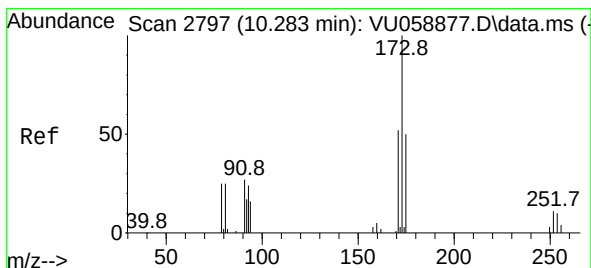
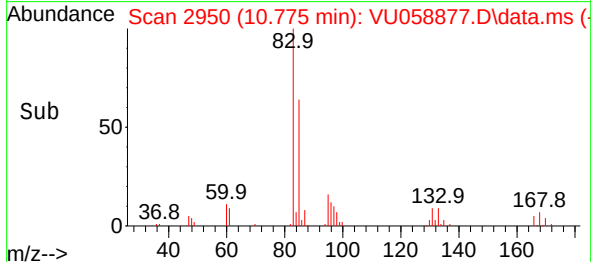
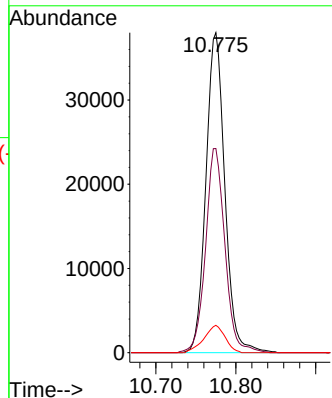
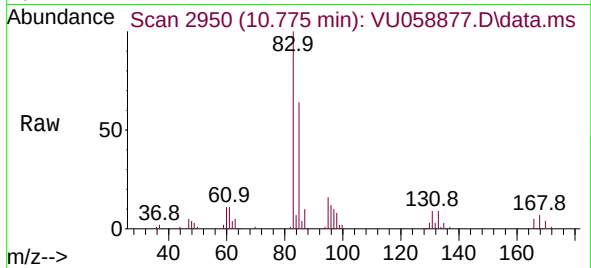
Tgt Ion: 83 Resp: 62606

Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

131 8.6 6.9 10.3



#59

Bromoform

Concen: 5.341 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

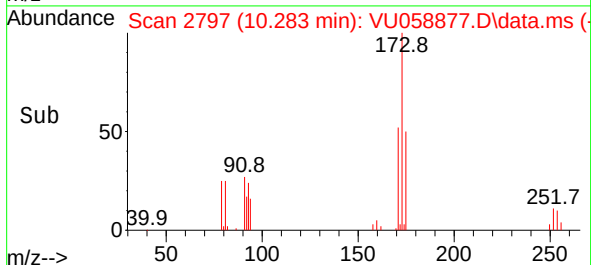
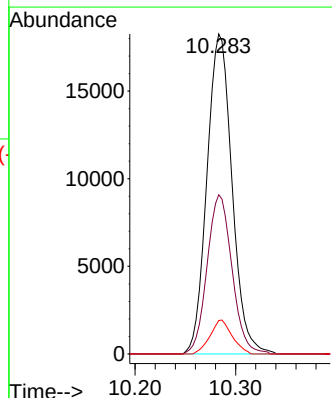
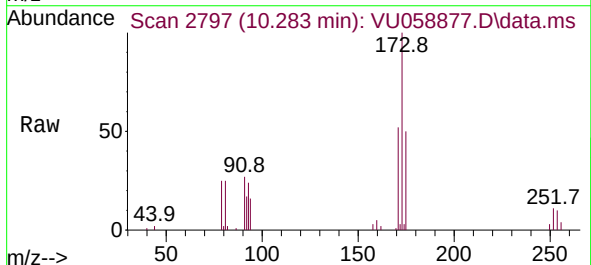
Tgt Ion:173 Resp: 31673

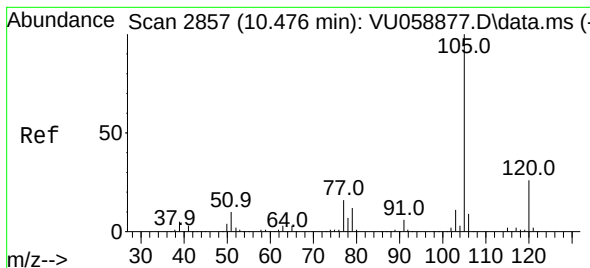
Ion Ratio Lower Upper

173 100

175 49.3 39.4 59.2

254 9.3 7.4 11.2





#60

Isopropylbenzene

Concen: 5.424 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

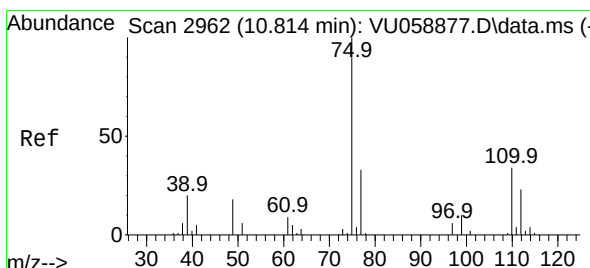
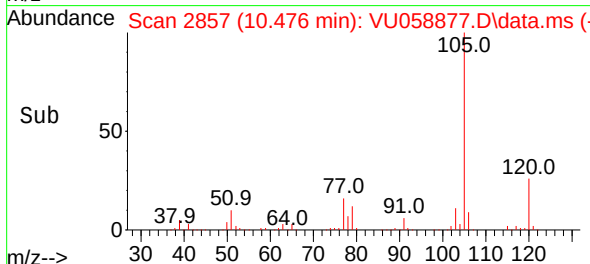
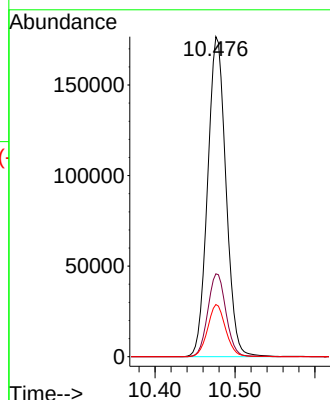
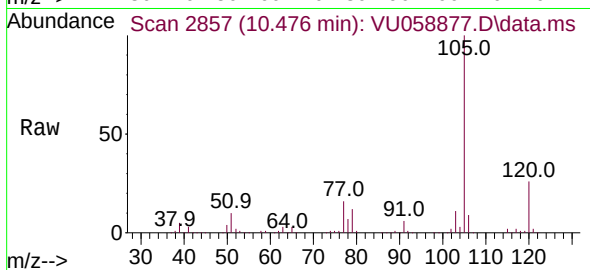
Tgt Ion:105 Resp: 281661

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.0 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.490 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

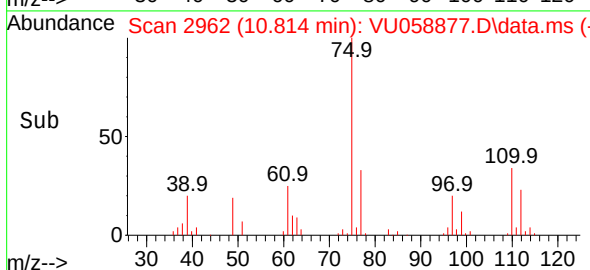
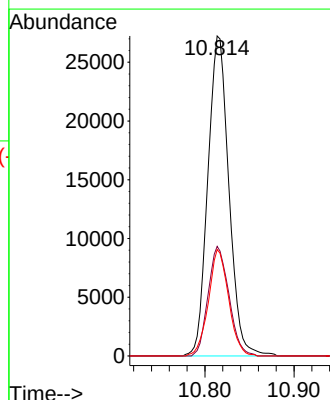
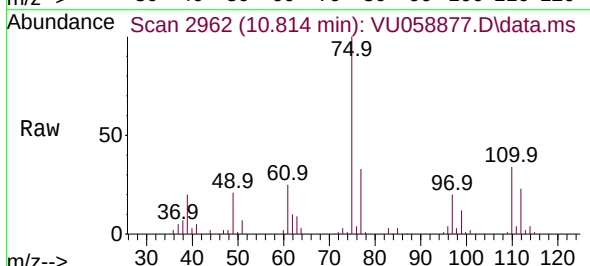
Tgt Ion: 75 Resp: 44634

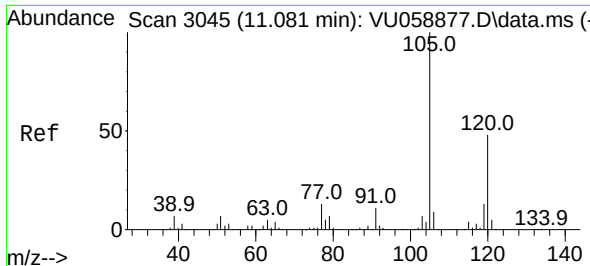
Ion Ratio Lower Upper

75 100

110 33.9 27.1 40.7

77 31.8 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.322 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

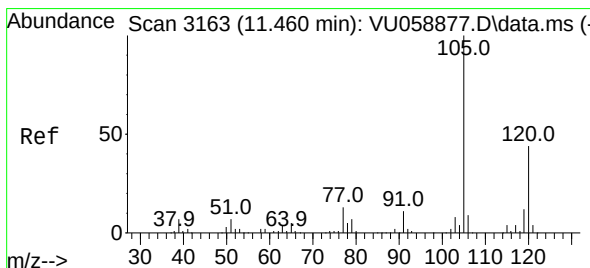
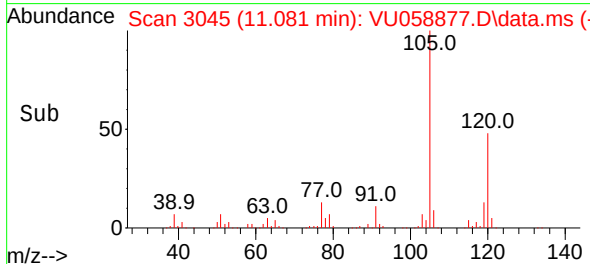
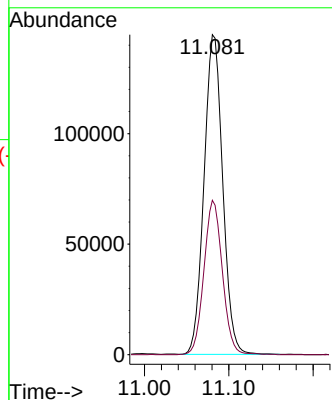
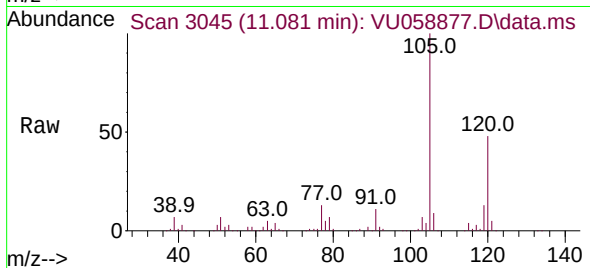
ClientSampleId :

Tgt Ion:105 Resp: 223412

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.360 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU058877.D

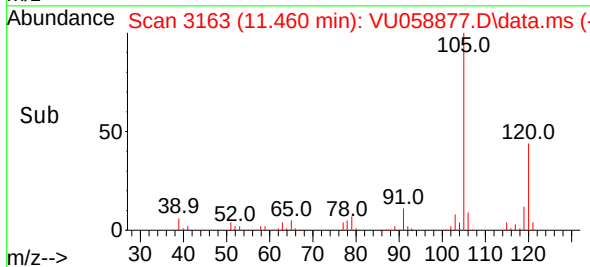
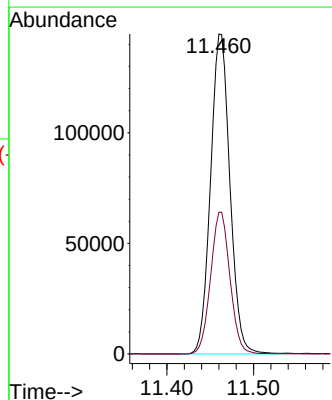
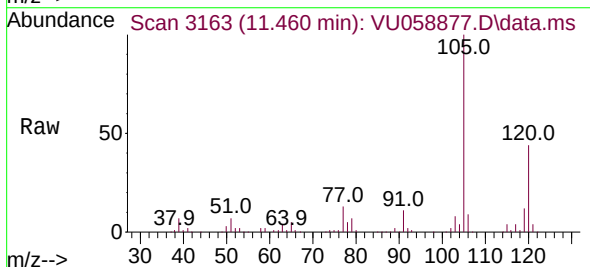
Acq: 14 May 2024 10:43

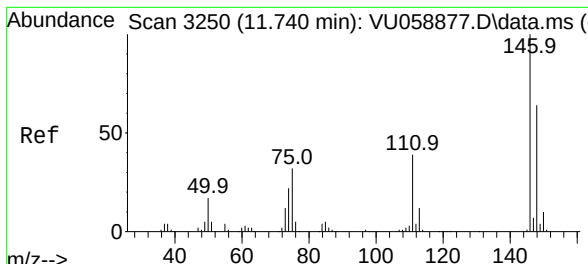
Tgt Ion:105 Resp: 224892

Ion Ratio Lower Upper

105 100

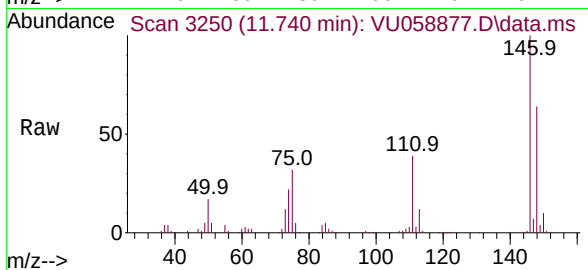
120 44.2 35.4 53.0



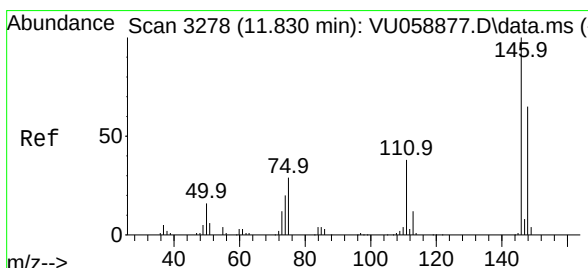
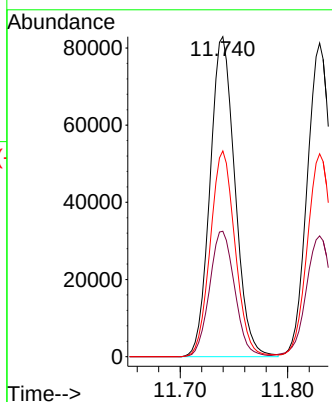
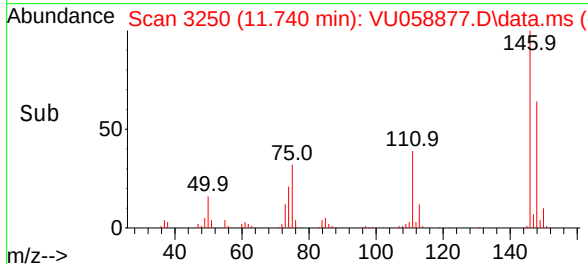


#64
1,3-Dichlorobenzene
Concen: 5.293 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

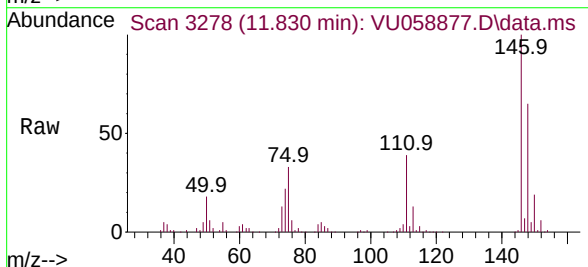
Instrument :
MSVOA_U
ClientSampleId :



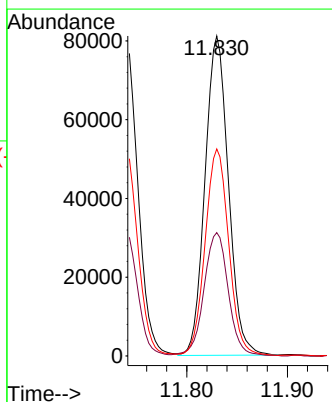
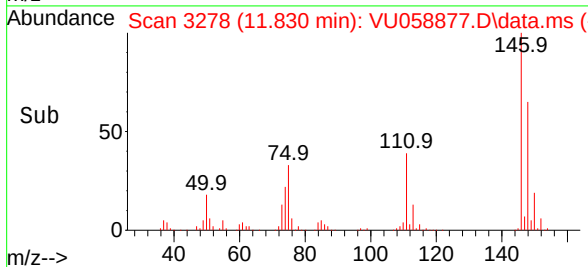
Tgt Ion:146 Resp: 133496
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 64.3 45.0 83.6

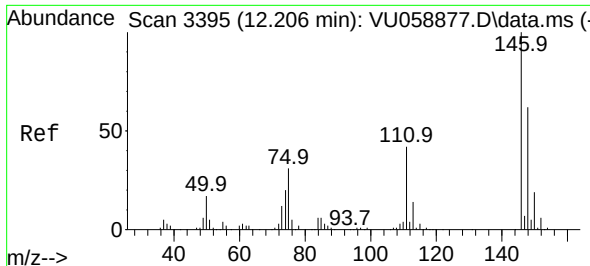


#65
1,4-Dichlorobenzene
Concen: 5.090 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43



Tgt Ion:146 Resp: 131114
Ion Ratio Lower Upper
146 100
111 38.5 26.9 50.1
148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.228 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :

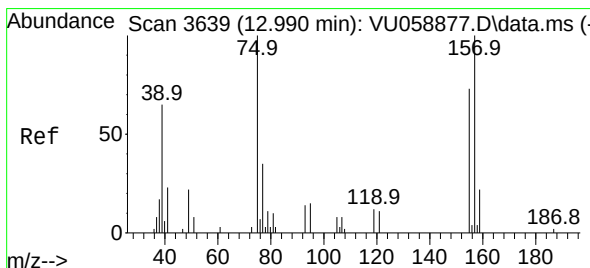
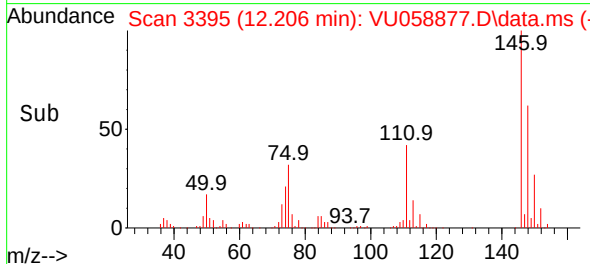
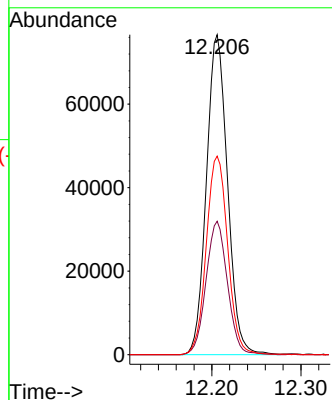
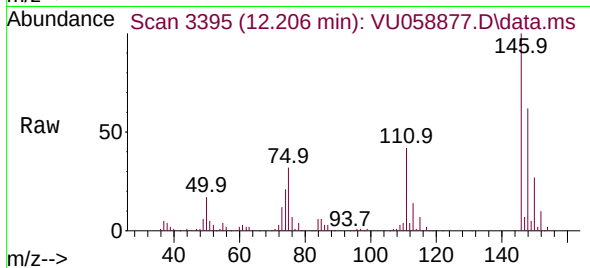
Tgt Ion:146 Resp: 125913

Ion Ratio Lower Upper

146 100

111 41.7 33.4 50.0

148 62.1 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.269 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

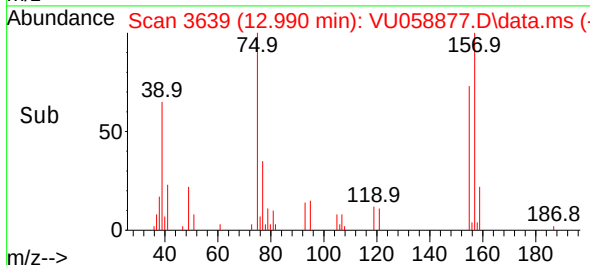
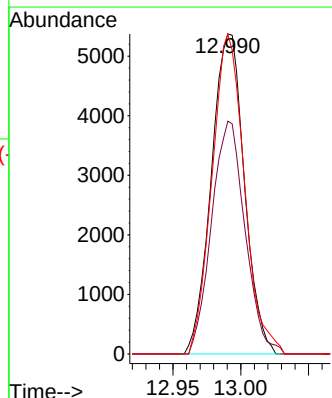
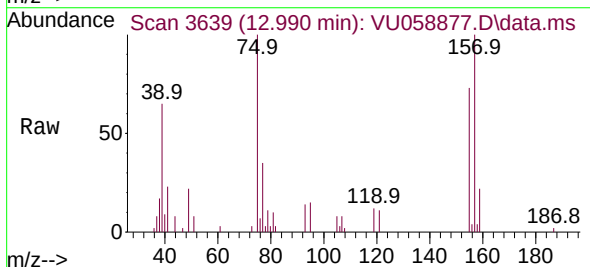
Tgt Ion: 75 Resp: 9087

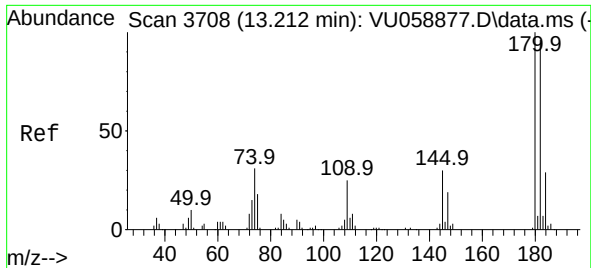
Ion Ratio Lower Upper

75 100

155 72.7 58.2 87.2

157 100.0 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.215 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

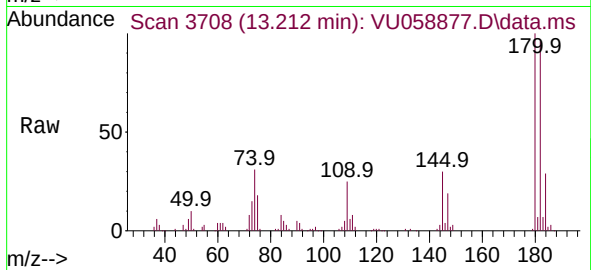
Lab File: VU058877.D

Acq: 14 May 2024 10:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 98987

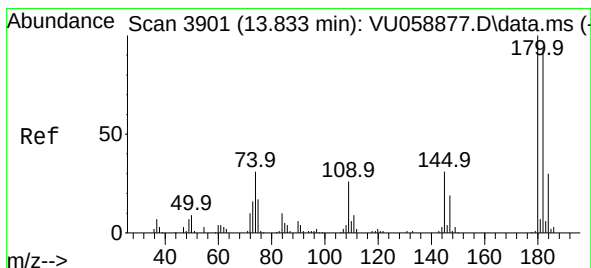
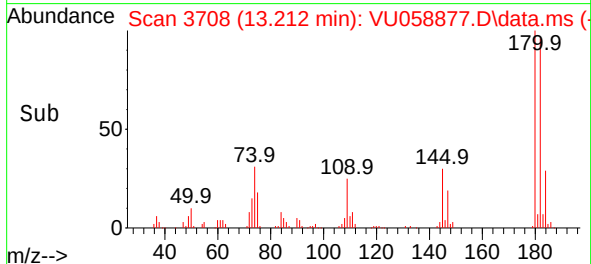
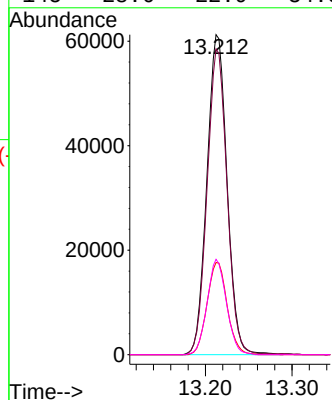
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

184 28.8 23.0 34.6

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.865 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU058877.D

Acq: 14 May 2024 10:43

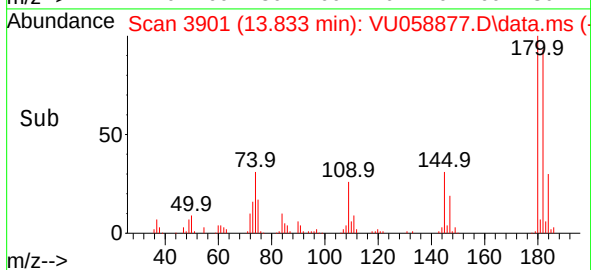
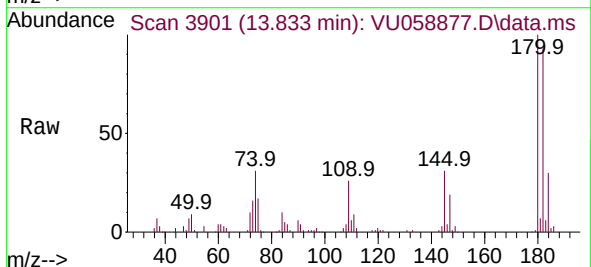
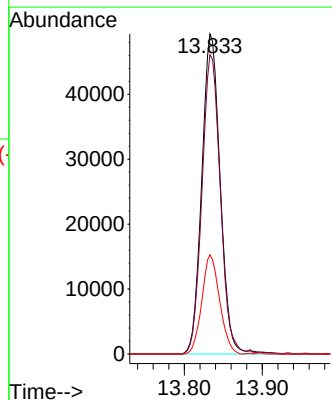
Tgt Ion:180 Resp: 80914

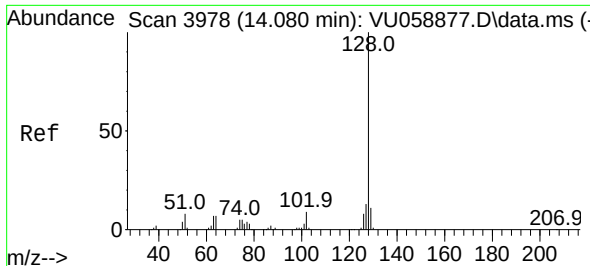
Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

145 29.9 23.9 35.9

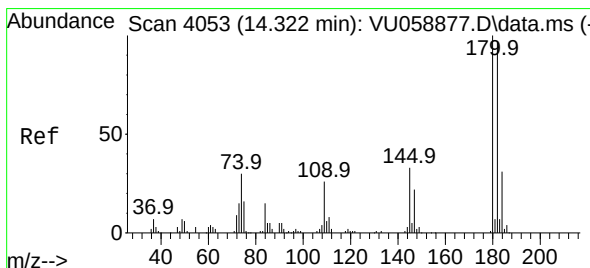
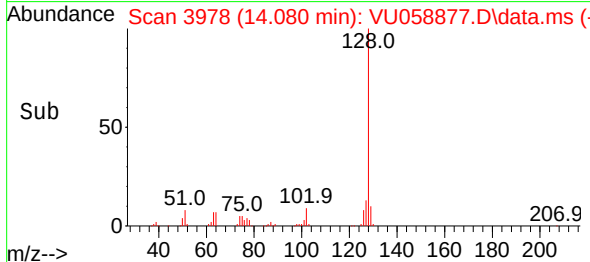
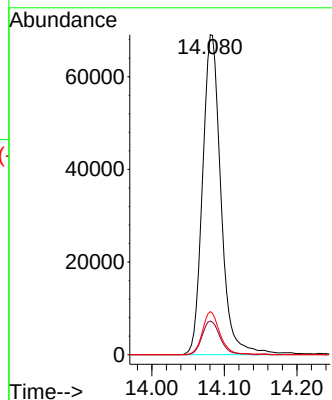
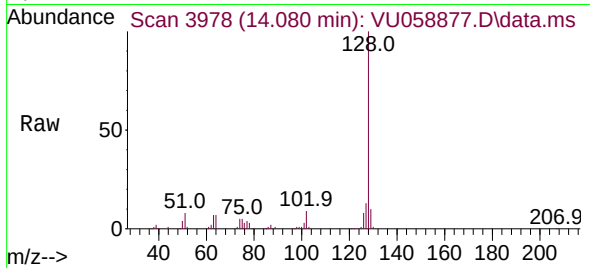




#71
Naphthalene
Concen: 4.419 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 121636
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.845 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU058877.D
Acq: 14 May 2024 10:43

Tgt Ion:180 Resp: 72214
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 32.8 26.2 39.4

