

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058879.D
 Acq On : 14 May 2024 11:31
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:28:48 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	180991	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	179421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	95242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	213461	19.204	ug/L	0.00
7) Chloroethane-d5	1.911	69	197050	19.859	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	86378	19.620	ug/L	0.00
20) 2-Butanone-d5	4.618	46	628552	227.863	ug/L	-0.01
24) Chloroform-d	5.052	84	450427	20.422	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	223239	20.522	ug/L	0.00
32) Benzene-d6	5.717	84	862750	20.378	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	283985	20.790	ug/L	0.00
41) Toluene-d8	7.891	98	771487	20.556	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	106975	21.618	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	555088	238.262	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	249152	21.058	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	293831	20.466	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	260157	21.113	ug/L	98
3) Chloromethane	1.518	50	292011	20.171	ug/L	99
5) Vinyl chloride	1.602	62	320838	20.600	ug/L	100
6) Bromomethane	1.856	94	202636	20.887	ug/L	95
8) Chloroethane	1.930	64	201014	20.588	ug/L	99
9) Trichlorofluoromethane	2.136	101	412701	21.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	244483	20.944	ug/L	99
12) 1,1-Dichloroethene	2.576	96	224060	21.106	ug/L	96
13) Acetone	2.640	43	392088	205.986	ug/L	98
14) Carbon disulfide	2.788	76	672706	19.832	ug/L	100
15) Methyl Acetate	2.946	43	98626	20.587	ug/L	95
16) Methylene chloride	3.036	84	272164	17.657	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	620203	21.940	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	240257	21.025	ug/L	98
19) 1,1-Dichloroethane	3.859	63	496649	21.094	ug/L	99
21) 2-Butanone	4.698	43	661141	217.499	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	280561	21.002	ug/L	93
23) Bromochloromethane	4.965	128	123259	21.483	ug/L	99
25) Chloroform	5.078	83	496500	20.675	ug/L	99
27) 1,2-Dichloroethane	5.785	62	311838	20.942	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	408109	21.459	ug/L	99
30) Cyclohexane	5.380	56	408424	22.406	ug/L	99
31) Carbon tetrachloride	5.518	117	338324	21.360	ug/L	98
33) Benzene	5.766	78	1084142	21.195	ug/L	100
34) Trichloroethene	6.534	95	283438	21.075	ug/L	97
35) Methylcyclohexane	6.756	83	443267	23.214	ug/L	97
37) 1,2-Dichloropropane	6.782	63	300502	20.711	ug/L	99
38) Bromodichloromethane	7.097	83	358554	20.990	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	443428	22.464	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	1678934	216.081	ug/L	99
42) Toluene	7.962	91	1167981	21.664	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	365080	22.258	ug/L	100

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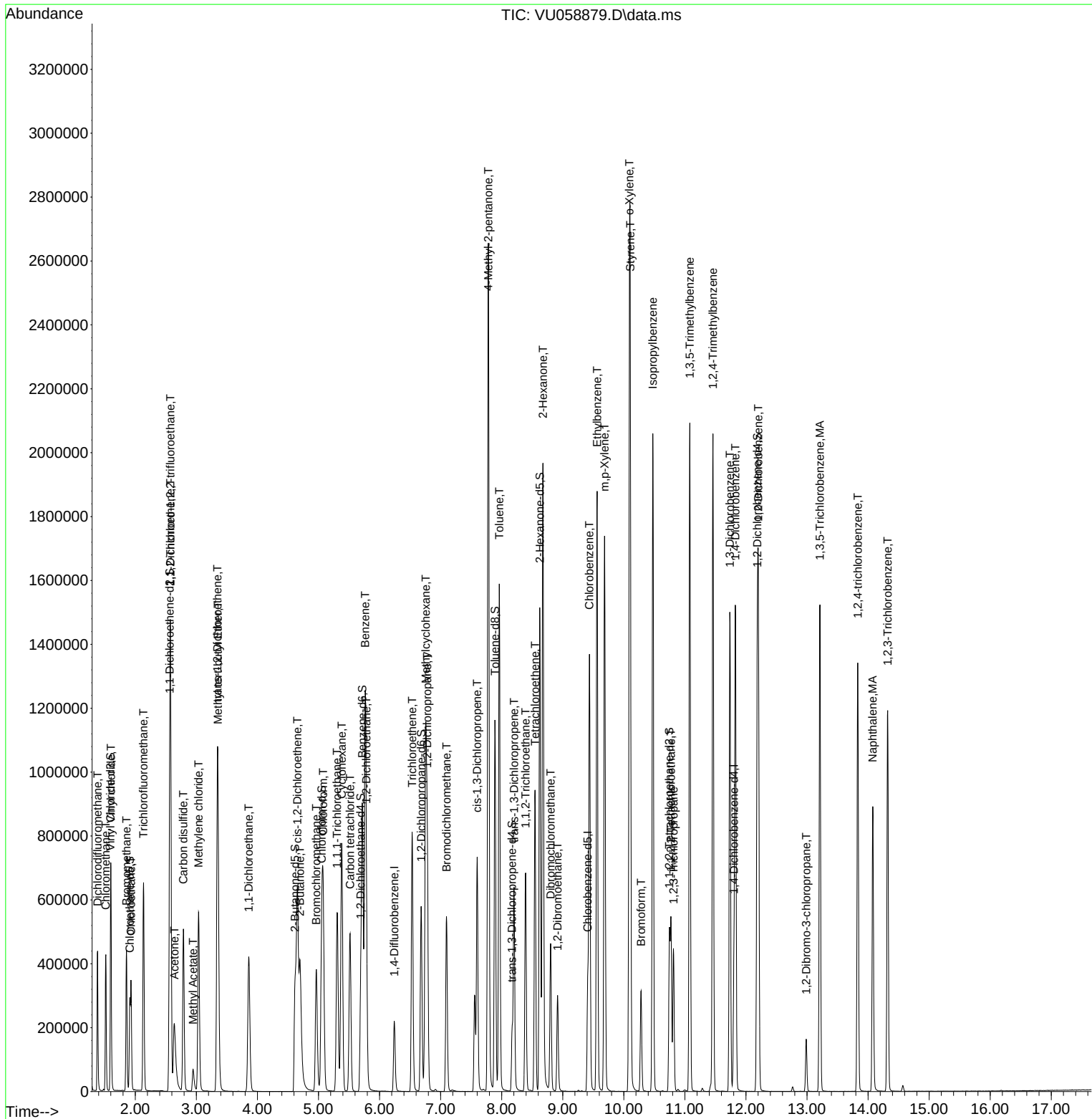
Instrument :
 MSVOA_U
 ClientSampleId :

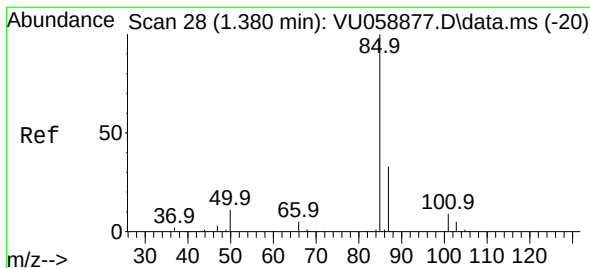
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	211033	21.358	ug/L	99
47) Tetrachloroethene	8.547	164	201341	21.587	ug/L	98
48) 2-Hexanone	8.676	43	1206855	210.263	ug/L	97
49) Dibromochloromethane	8.801	129	234621	21.795	ug/L	98
50) 1,2-Dibromoethane	8.917	107	198038	21.174	ug/L	98
51) Chlorobenzene	9.438	112	722373	21.233	ug/L	99
52) Ethylbenzene	9.563	91	1305656	22.393	ug/L	98
53) m,p-Xylene	9.685	106	491583	22.613	ug/L	97
54) o-Xylene	10.093	106	484045	23.160	ug/L	100
55) Styrene	10.106	104	837849	23.267	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	269050	21.192	ug/L	100
59) Bromoform	10.283	173	141463	21.167	ug/L	98
60) Isopropylbenzene	10.476	105	1314258	22.459	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	187327	20.446	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	1106057	23.380	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1104371	23.358	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	598998	21.076	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	598459	20.617	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	560405	20.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	40360	20.766	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	466307	21.799	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	400284	21.358	ug/L	99
71) Naphthalene	14.077	128	694886	22.399	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	354212	21.088	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 21.113 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

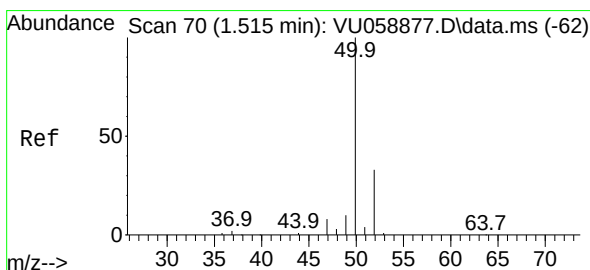
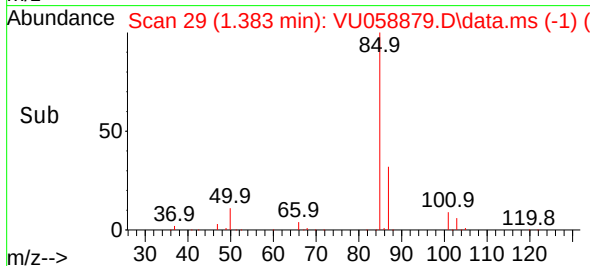
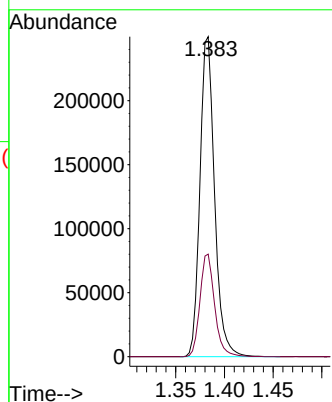
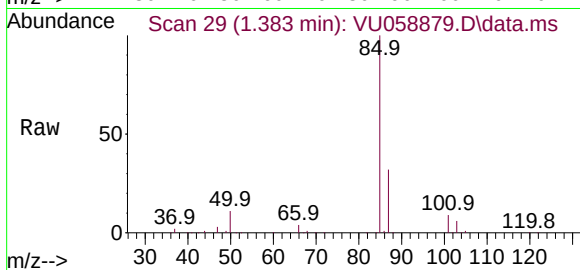
ClientSampleId :

Tgt Ion: 85 Resp: 260157

Ion Ratio Lower Upper

85 100

87 32.2 26.6 40.0



#3

Chloromethane

Concen: 20.171 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU058879.D

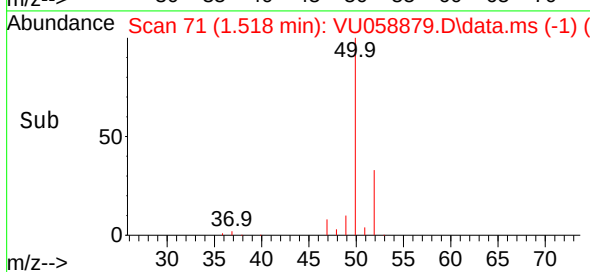
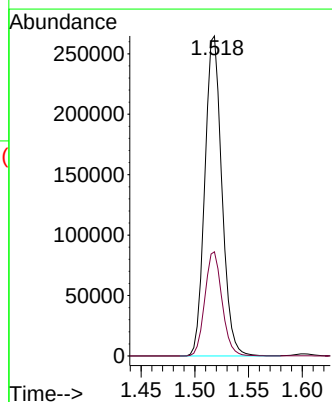
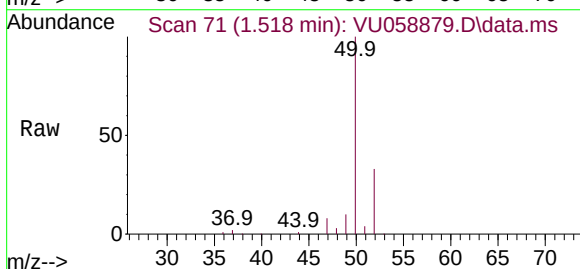
Acq: 14 May 2024 11:31

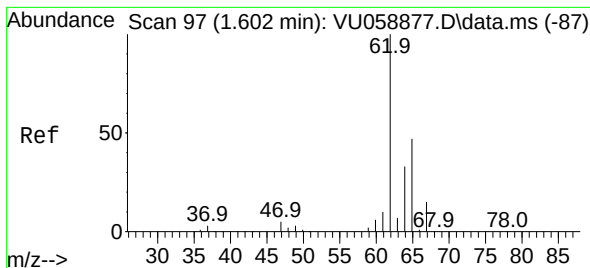
Tgt Ion: 50 Resp: 292011

Ion Ratio Lower Upper

50 100

52 32.5 23.2 43.0





#5

Vinyl chloride

Concen: 20.600 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

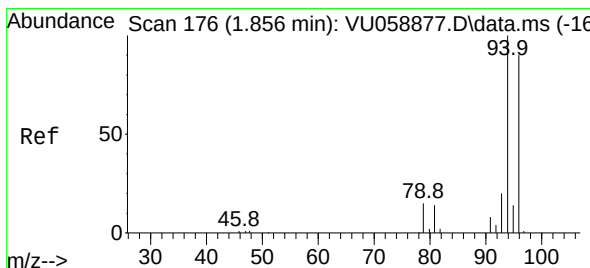
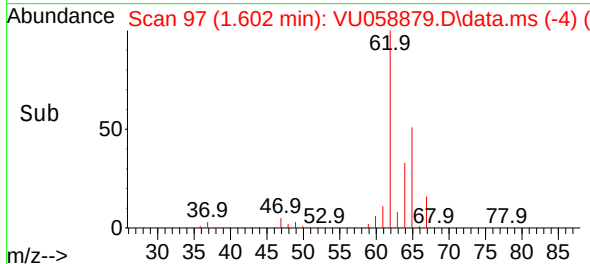
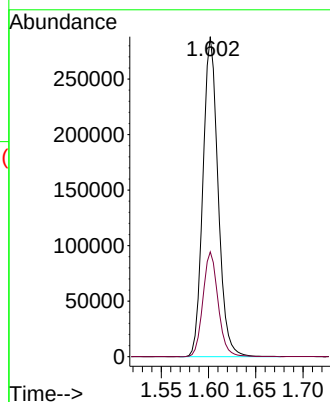
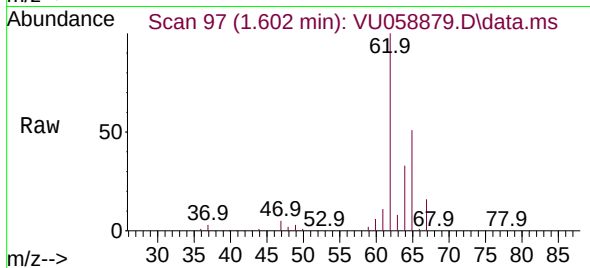
ClientSampleId :

Tgt Ion: 62 Resp: 320838

Ion Ratio Lower Upper

62 100

64 32.7 23.1 42.9



#6

Bromomethane

Concen: 20.887 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU058879.D

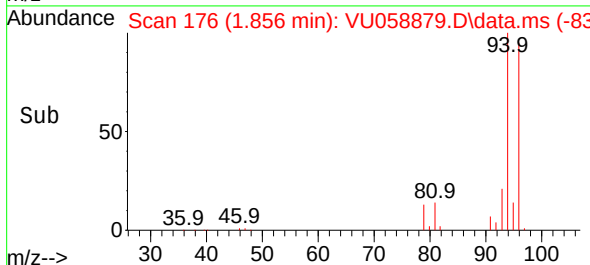
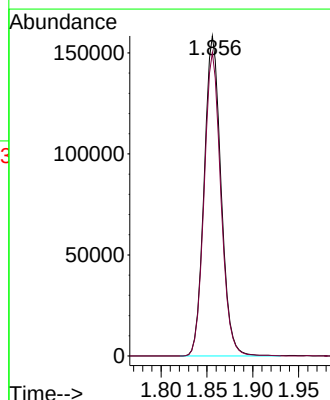
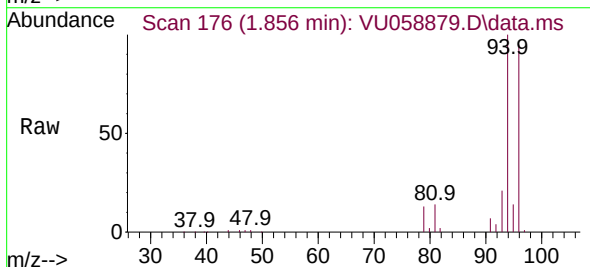
Acq: 14 May 2024 11:31

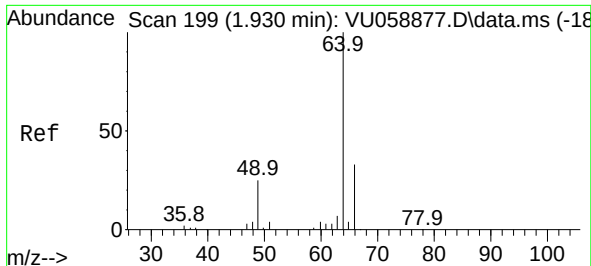
Tgt Ion: 94 Resp: 202636

Ion Ratio Lower Upper

94 100

96 94.8 62.9 116.9

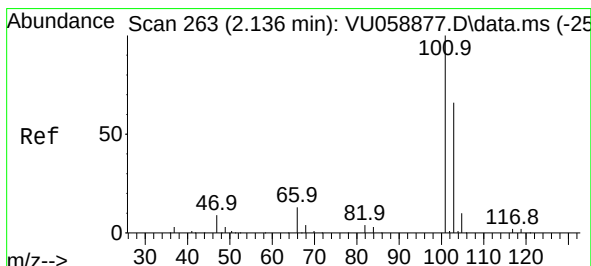
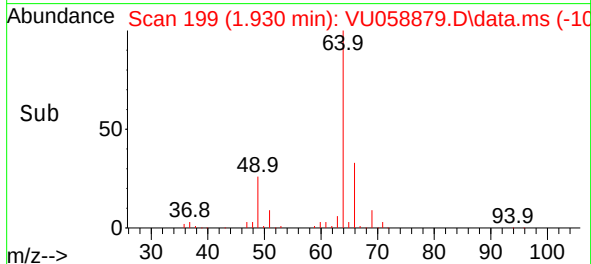
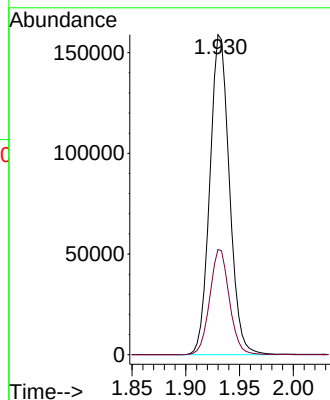
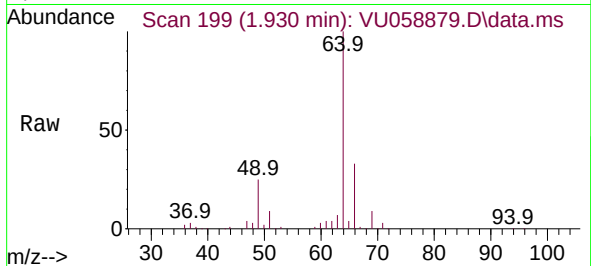




#8
Chloroethane
Concen: 20.588 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

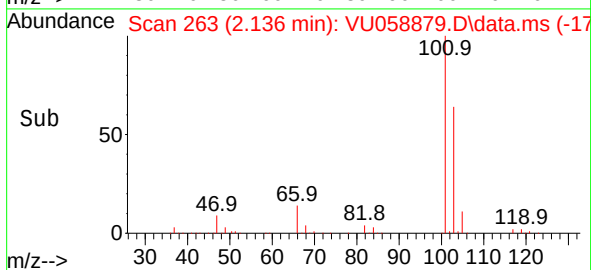
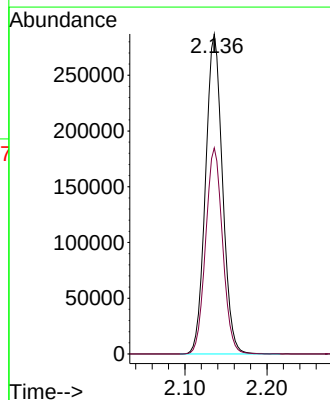
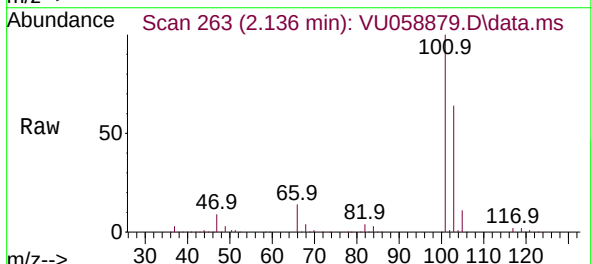
Instrument :
MSVOA_U
ClientSampleId :

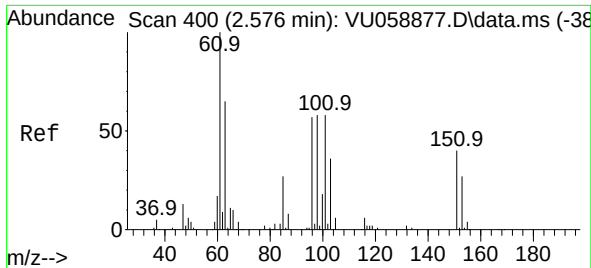
Tgt Ion: 64 Resp: 201014
Ion Ratio Lower Upper
64 100
66 32.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 21.131 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion:101 Resp: 412701
Ion Ratio Lower Upper
101 100
103 64.3 52.6 79.0

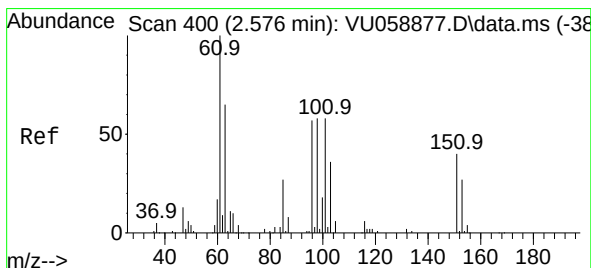
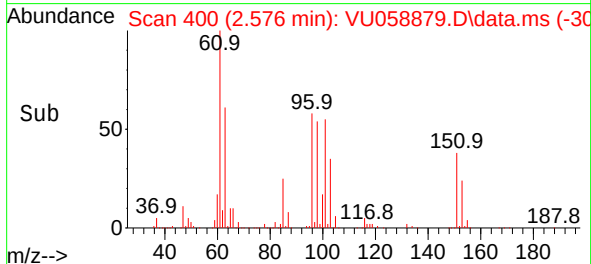
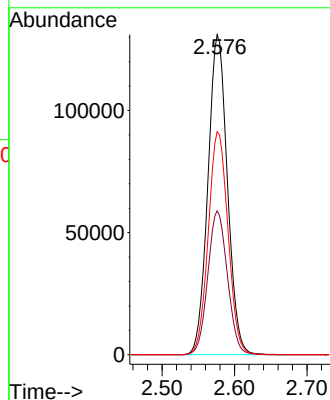
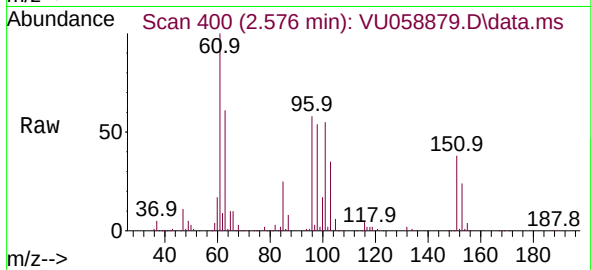




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.944 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU058879.D
 Acq: 14 May 2024 11:31

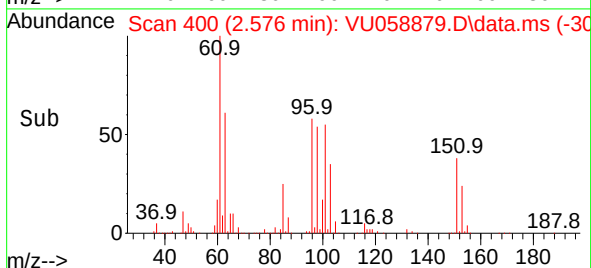
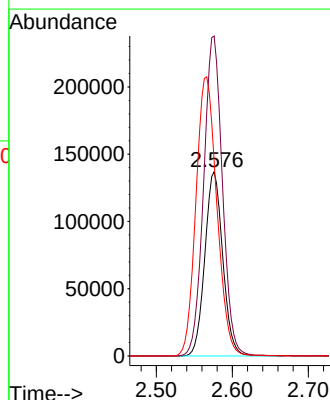
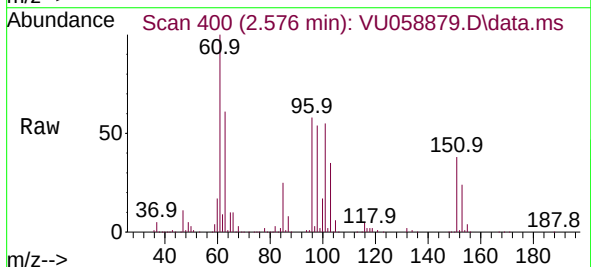
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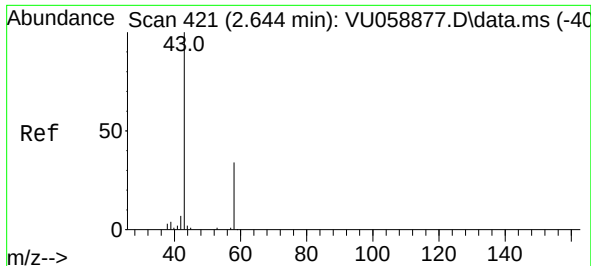
Tgt Ion:101 Resp: 244483
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.2 54.4
 151 70.7 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 21.106 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU058879.D
 Acq: 14 May 2024 11:31

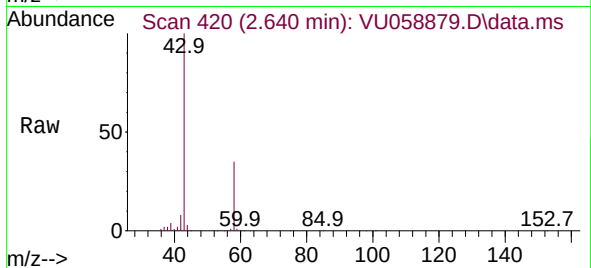
Tgt Ion: 96 Resp: 224060
 Ion Ratio Lower Upper
 96 100
 61 173.7 122.9 228.3
 63 106.1 80.4 149.4



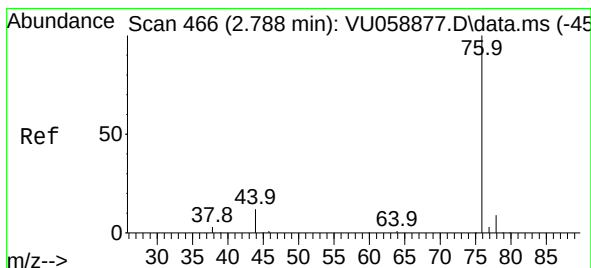
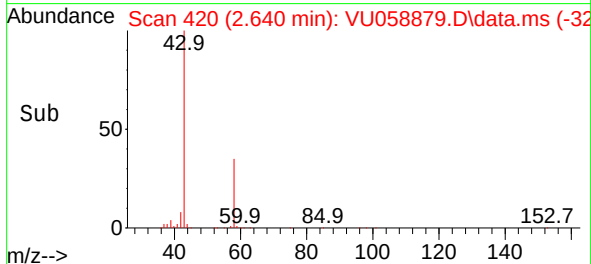
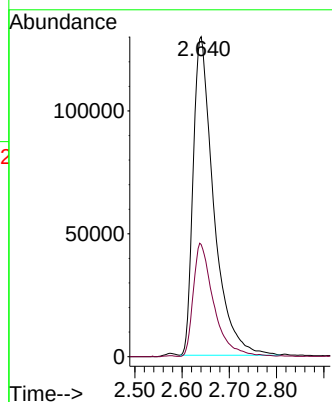


#13
Acetone
Concen: 205.986 ug/L
RT: 2.640 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Instrument :
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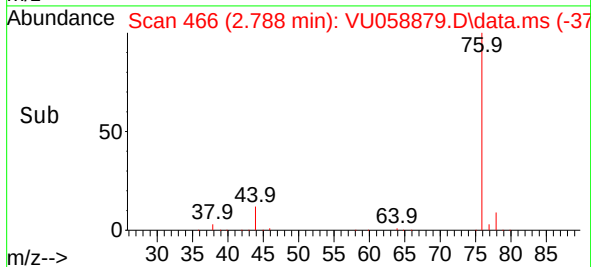
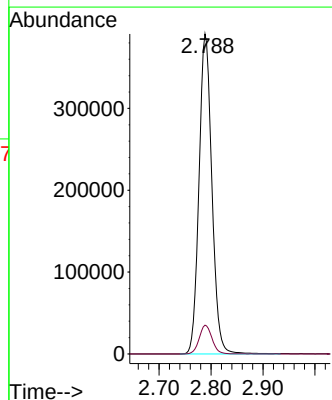
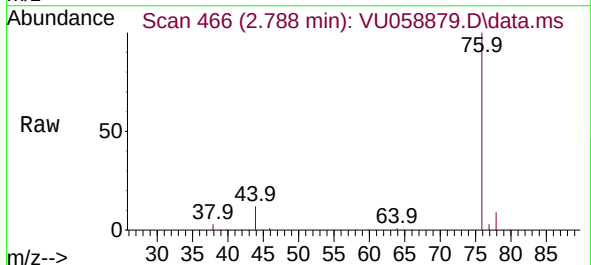


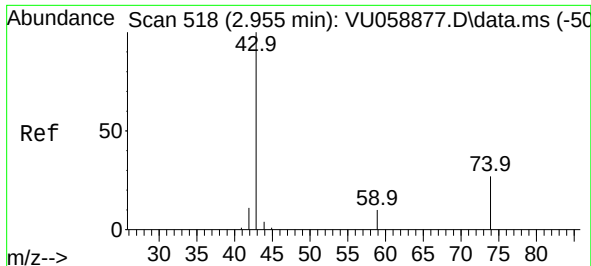
Tgt Ion: 43 Resp: 392088
Ion Ratio Lower Upper
43 100
58 34.9 0.0 68.0



#14
Carbon disulfide
Concen: 19.832 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion: 76 Resp: 672706
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 20.587 ug/L

RT: 2.946 min Scan# 51

Delta R.T. -0.010 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

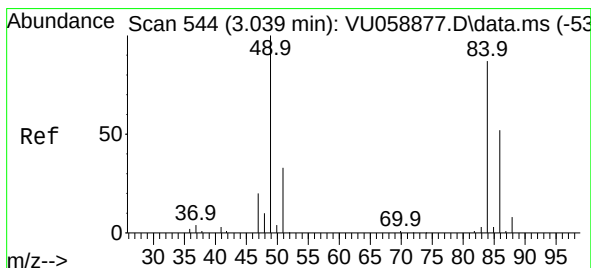
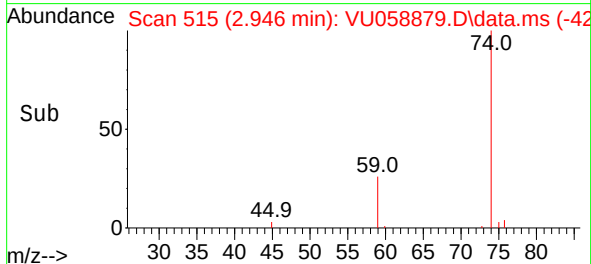
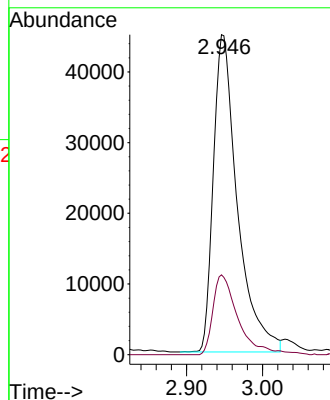
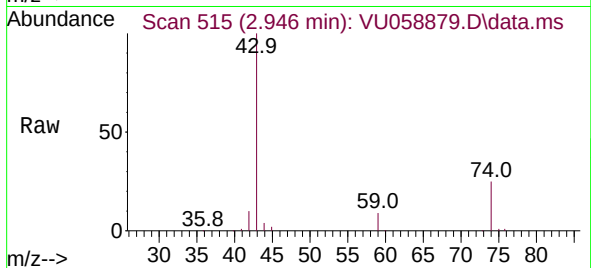
ClientSampleId :

Tgt Ion: 43 Resp: 98626

Ion Ratio Lower Upper

43 100

74 26.4 19.2 28.8



#16

Methylene chloride

Concen: 17.657 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

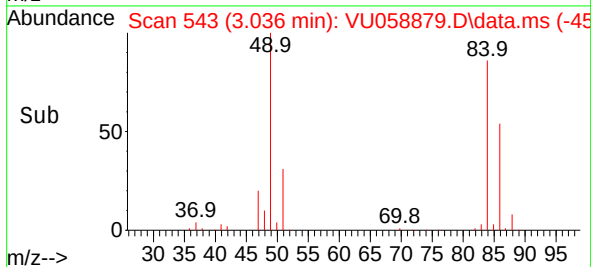
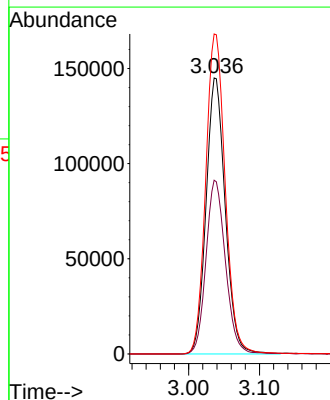
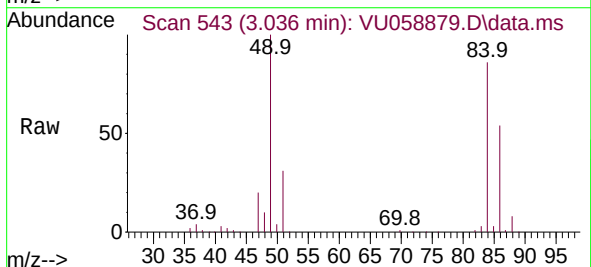
Tgt Ion: 84 Resp: 272164

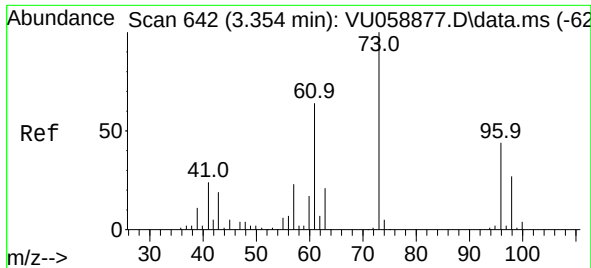
Ion Ratio Lower Upper

84 100

86 62.9 42.1 78.1

49 115.9 80.6 149.8

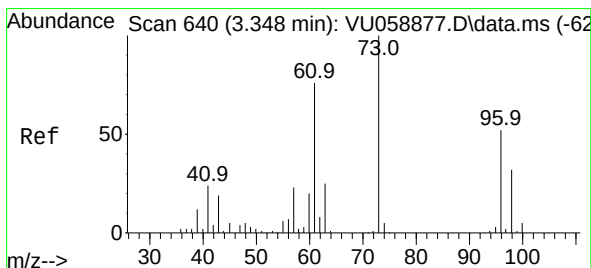
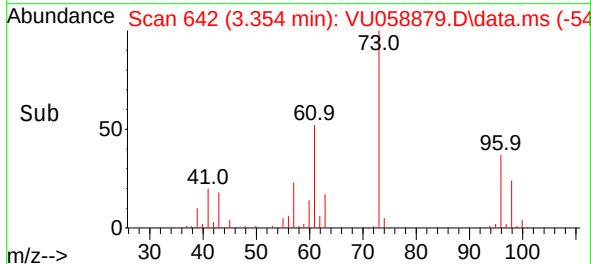
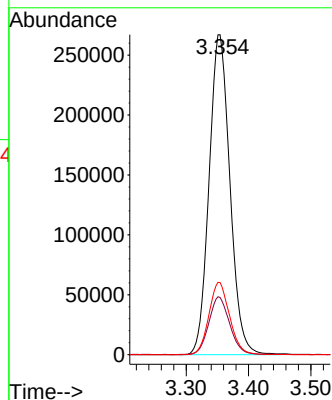
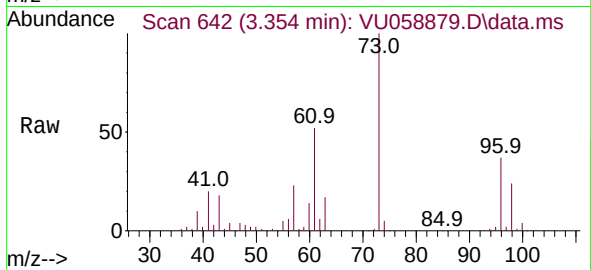




#17
Methyl tert-butyl Ether
Concen: 21.940 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

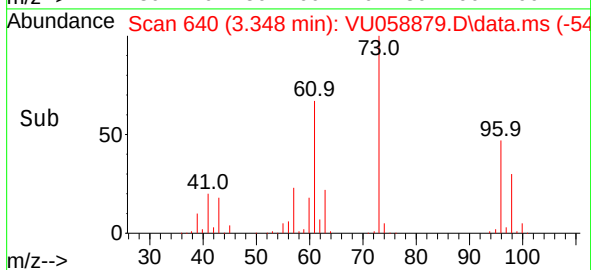
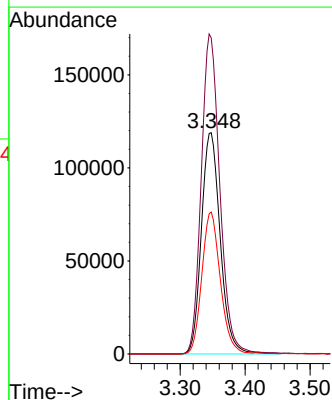
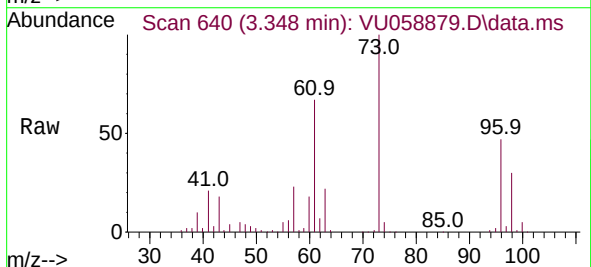
Instrument :
MSVOA_U
ClientSampleId :

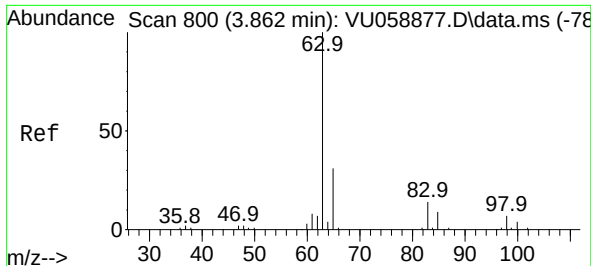
Tgt Ion: 73 Resp: 620203
Ion Ratio Lower Upper
73 100
43 18.3 14.9 22.3
57 22.4 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 21.025 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion: 96 Resp: 240257
Ion Ratio Lower Upper
96 100
61 142.8 101.8 189.0
98 64.2 43.3 80.5





#19

1,1-Dichloroethane

Concen: 21.094 ug/L

RT: 3.859 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

ClientSampleId :

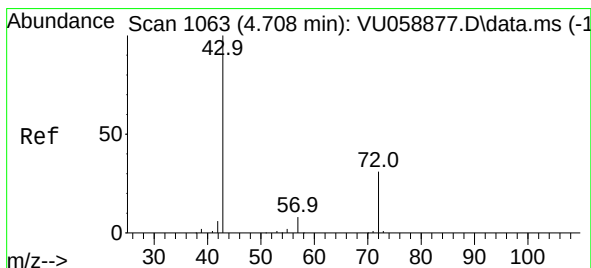
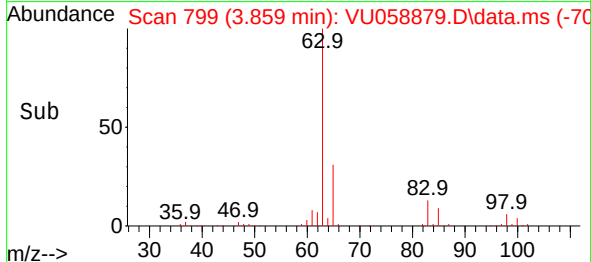
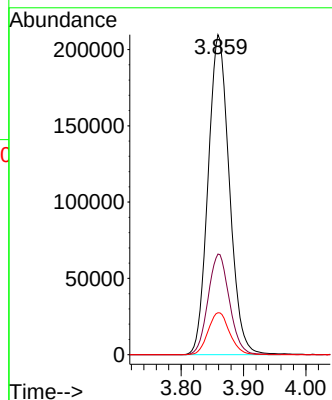
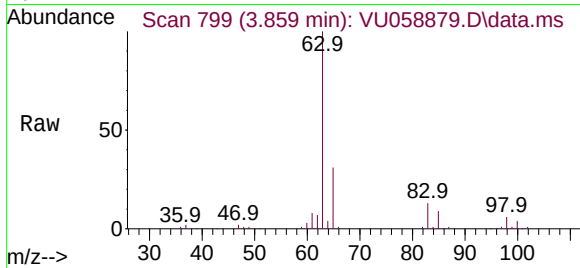
Tgt Ion: 63 Resp: 496649

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.6

83 13.1 9.9 18.5



#21

2-Butanone

Concen: 217.499 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.010 min

Lab File: VU058879.D

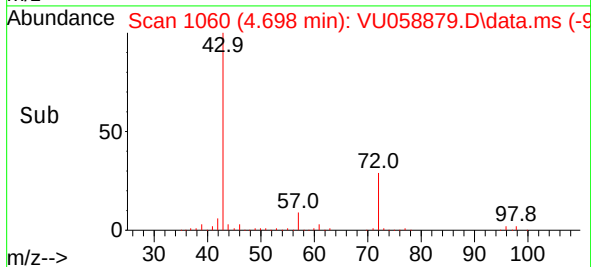
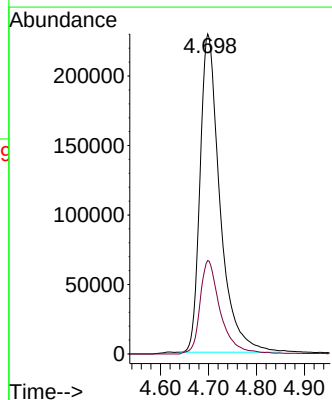
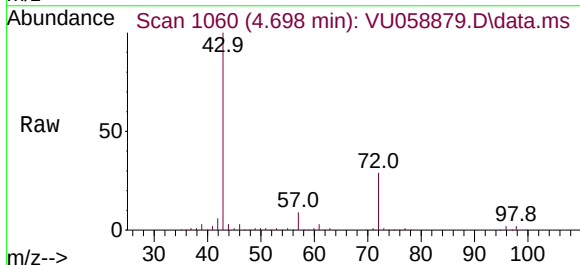
Acq: 14 May 2024 11:31

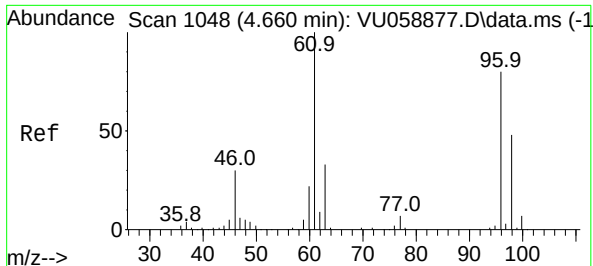
Tgt Ion: 43 Resp: 661141

Ion Ratio Lower Upper

43 100

72 30.0 13.8 41.4

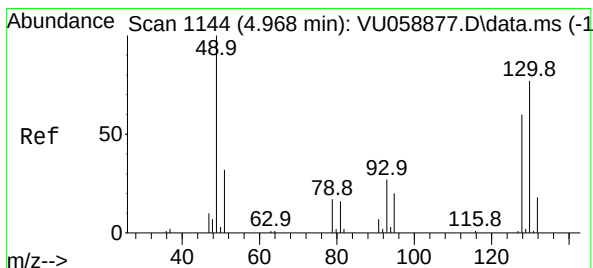
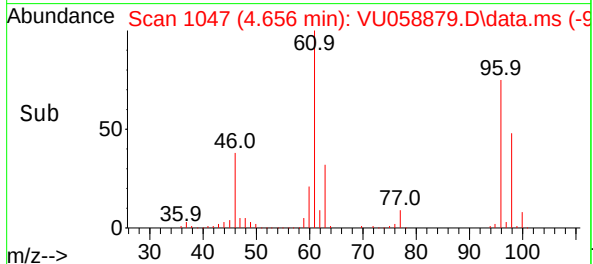
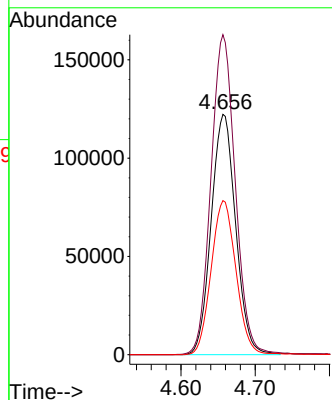
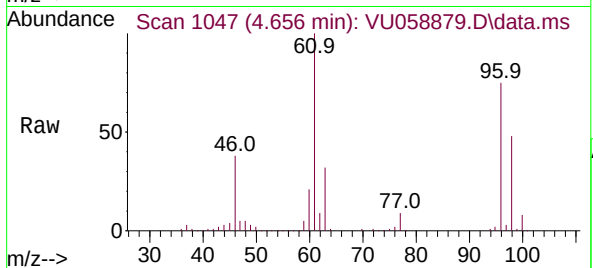




#22
cis-1,2-Dichloroethene
Concen: 21.002 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

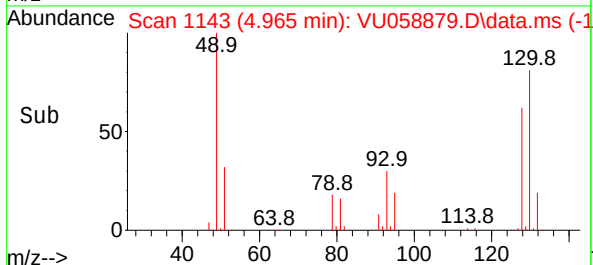
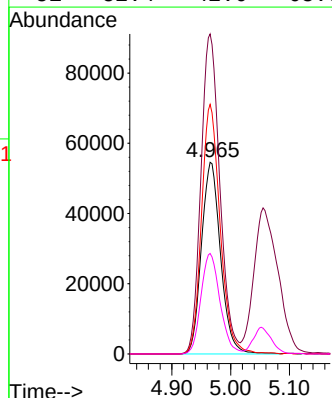
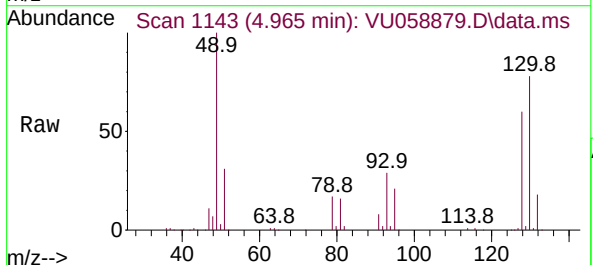
Instrument :
MSVOA_U
ClientSampleId :

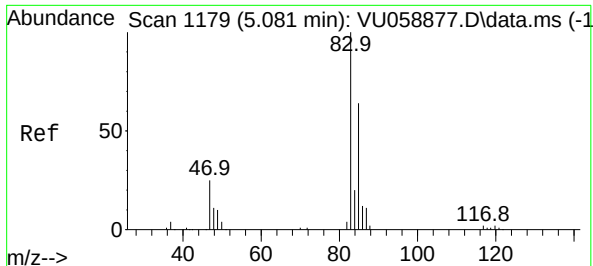
Tgt Ion: 96 Resp: 280561
Ion Ratio Lower Upper
96 100
61 133.2 87.4 162.2
98 64.1 42.3 78.5



#23
Bromochloromethane
Concen: 21.483 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion:128 Resp: 123259
Ion Ratio Lower Upper
128 100
49 166.9 117.0 217.4
130 130.2 89.6 166.4
51 52.4 42.0 63.0

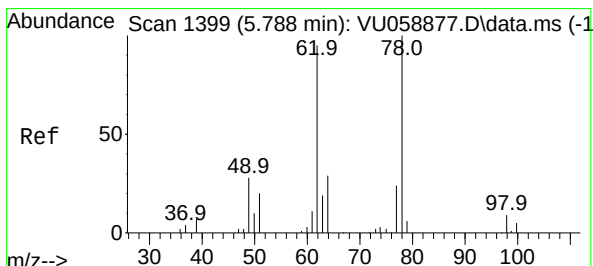
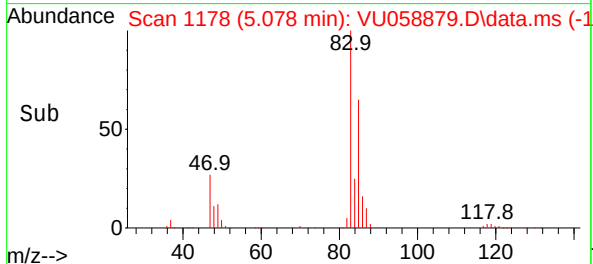
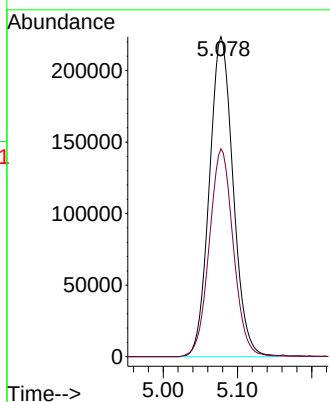
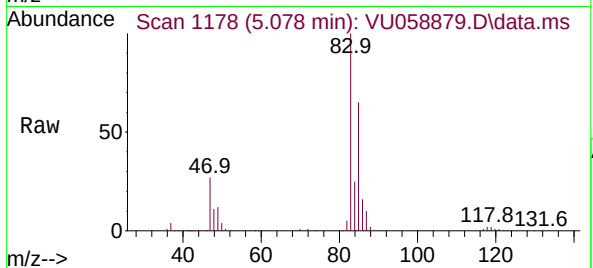




#25
Chloroform
Concen: 20.675 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

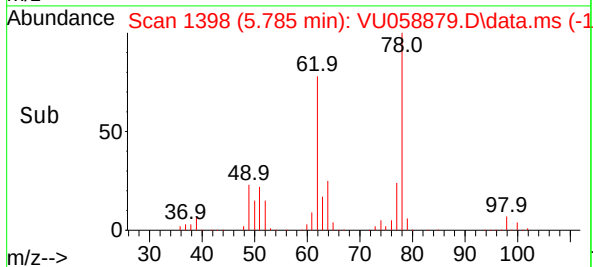
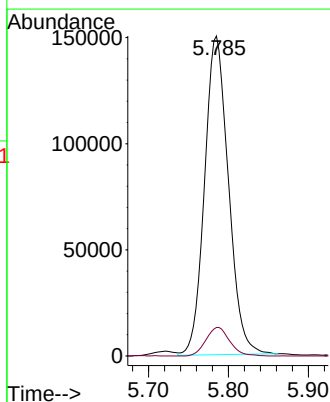
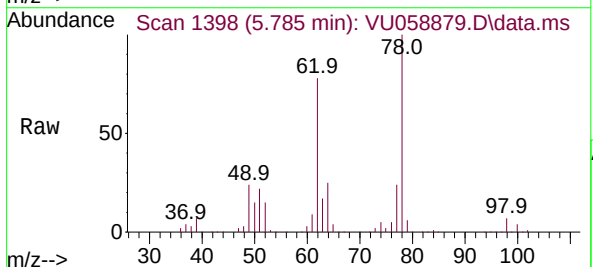
Instrument :
MSVOA_U
ClientSampleId :

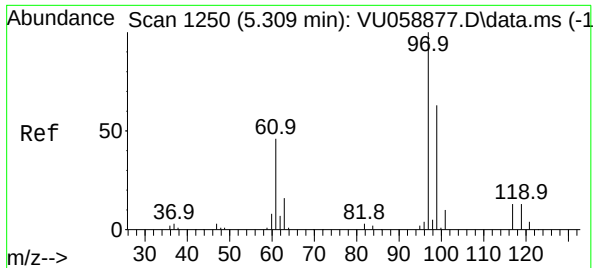
Tgt Ion: 83 Resp: 496500
Ion Ratio Lower Upper
83 100
85 64.9 44.7 83.1



#27
1,2-Dichloroethane
Concen: 20.942 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion: 62 Resp: 311838
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3

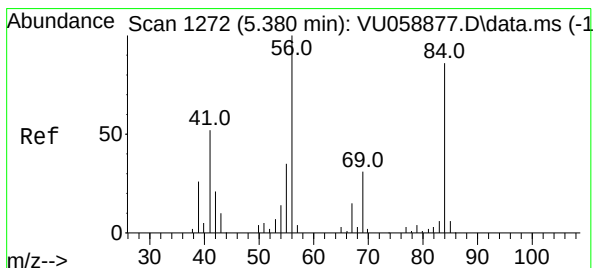
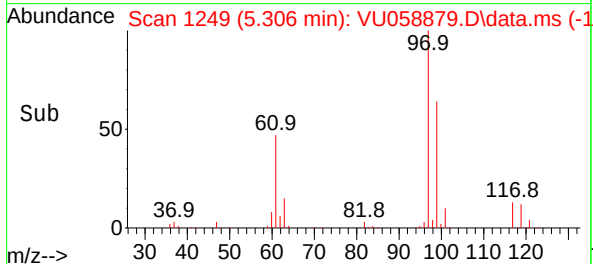
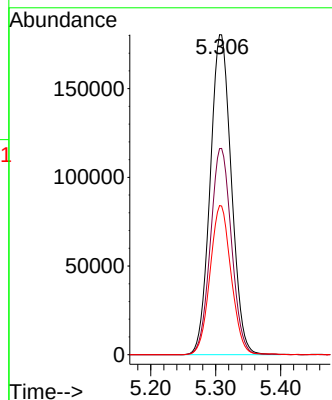
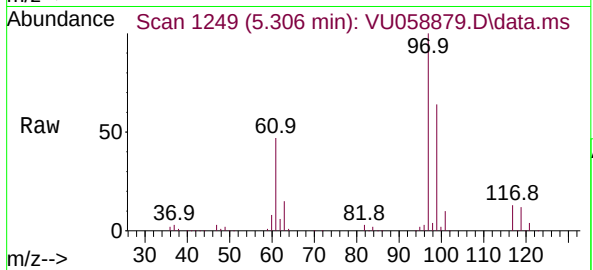




#29
1,1,1-Trichloroethane
Concen: 21.459 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

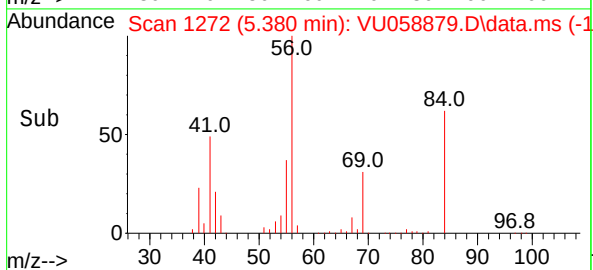
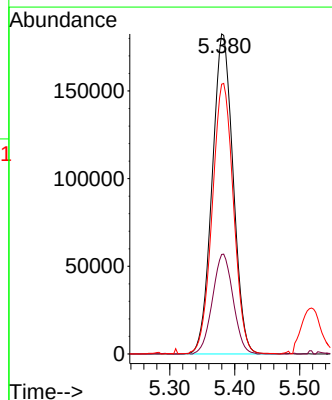
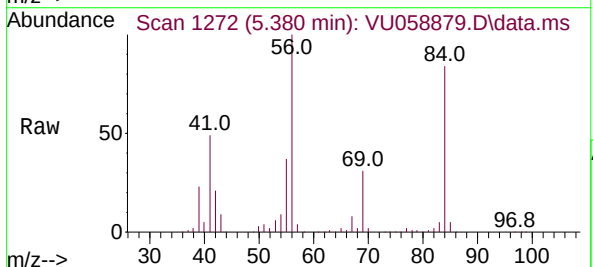
Instrument :
MSVOA_U
ClientSampleId :

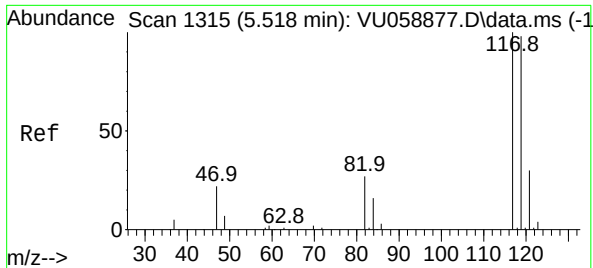
Tgt Ion: 97 Resp: 408109
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 46.4 37.4 56.2



#30
Cyclohexane
Concen: 22.406 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion: 56 Resp: 408424
Ion Ratio Lower Upper
56 100
69 30.7 24.8 37.2
84 85.7 69.8 104.8

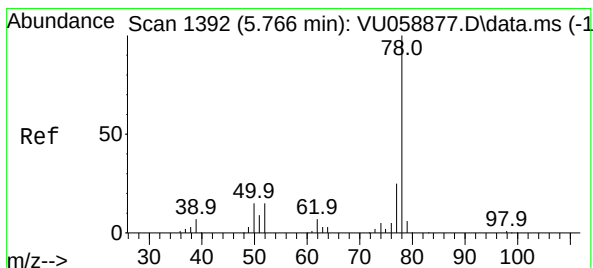
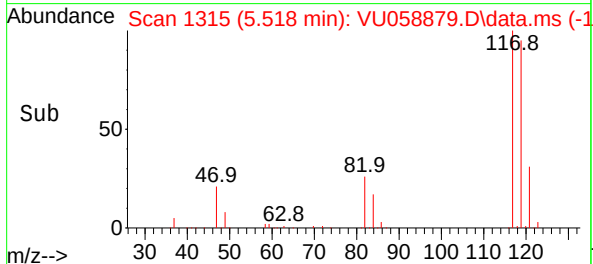
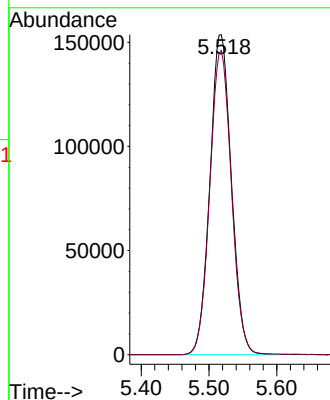
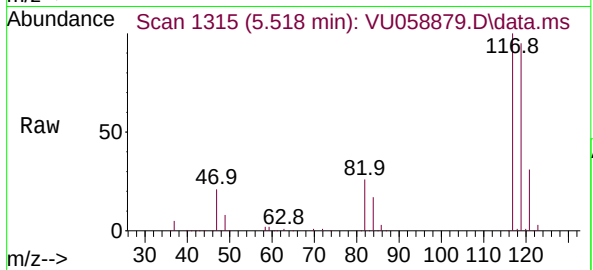




#31
Carbon tetrachloride
Concen: 21.360 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

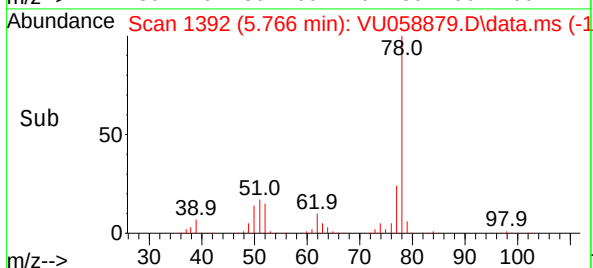
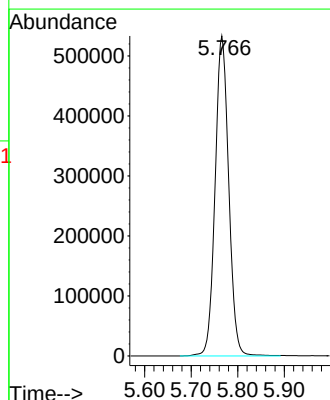
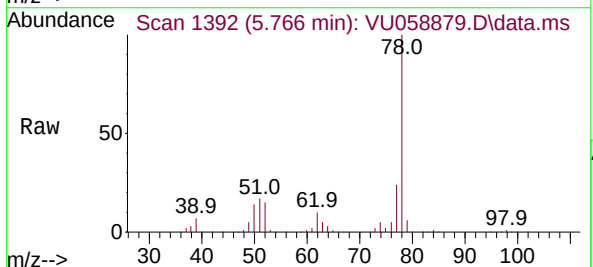
Instrument :
MSVOA_U
ClientSampleId :

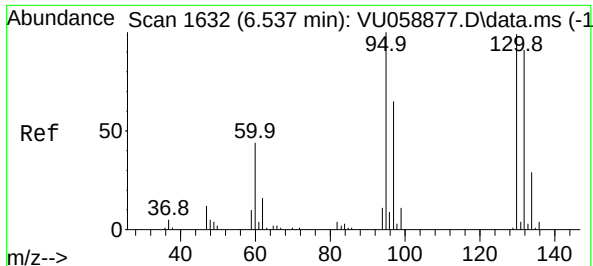
Tgt Ion:117 Resp: 338324
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 21.195 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion: 78 Resp: 1084142





#34

Trichloroethene

Concen: 21.075 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 283438

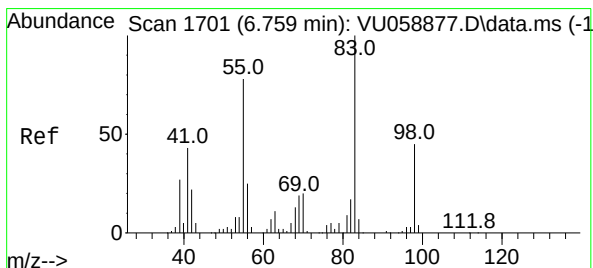
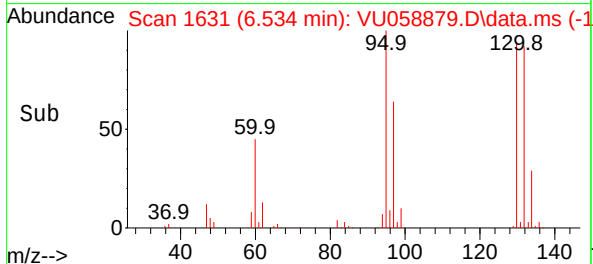
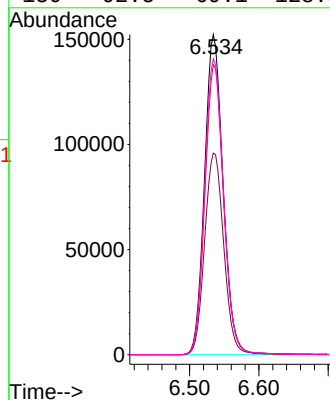
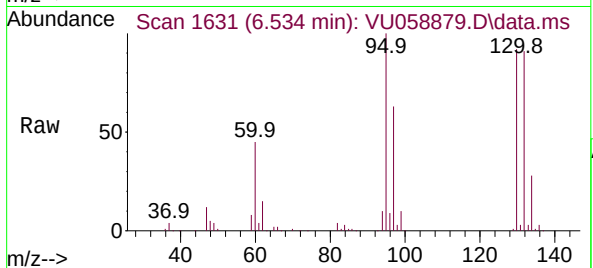
Ion Ratio Lower Upper

95 100

97 63.0 45.3 84.1

132 90.6 64.0 119.0

130 92.5 69.1 128.3



#35

Methylcyclohexane

Concen: 23.214 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

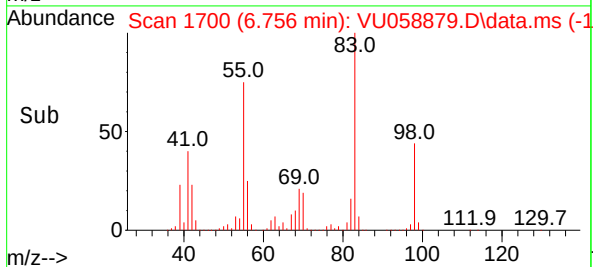
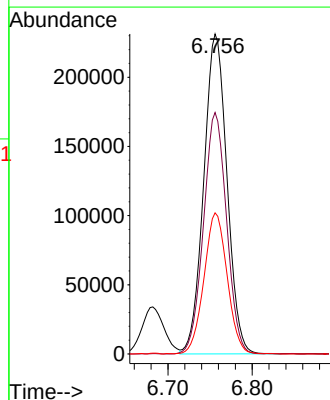
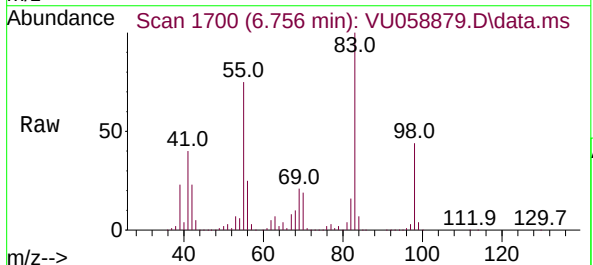
Tgt Ion: 83 Resp: 443267

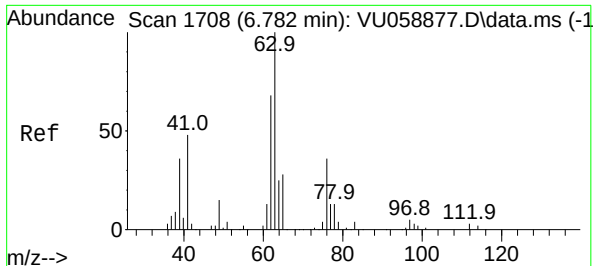
Ion Ratio Lower Upper

83 100

55 75.1 62.7 94.1

98 43.9 35.4 53.0

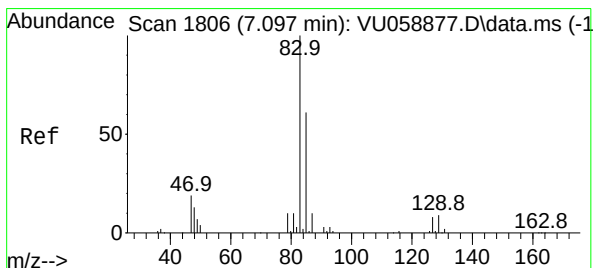
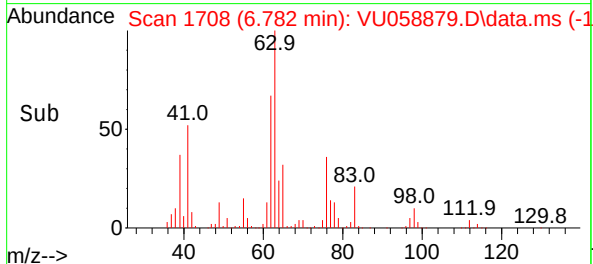
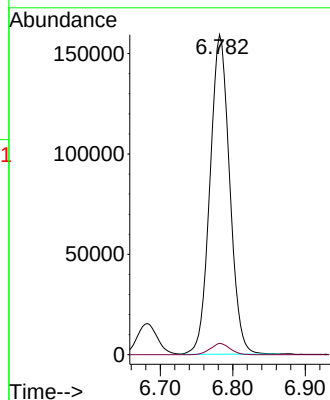
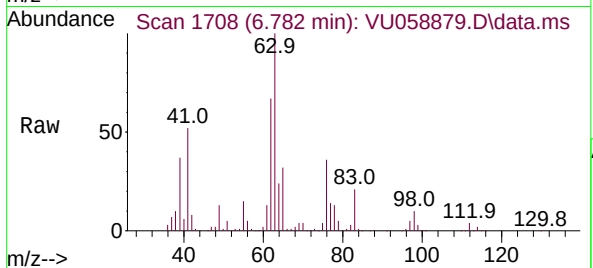




#37
1,2-Dichloropropane
Concen: 20.711 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

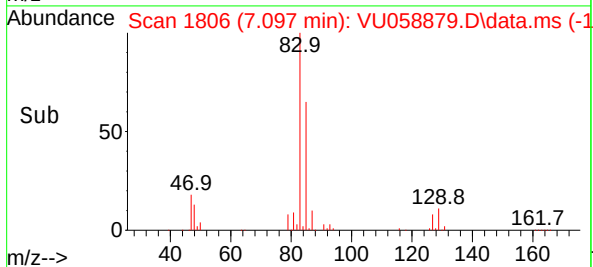
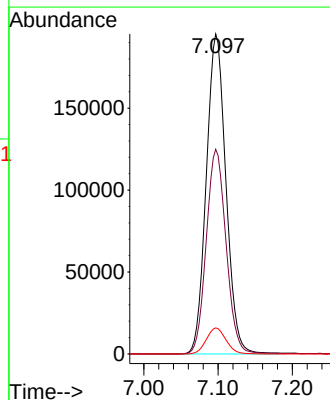
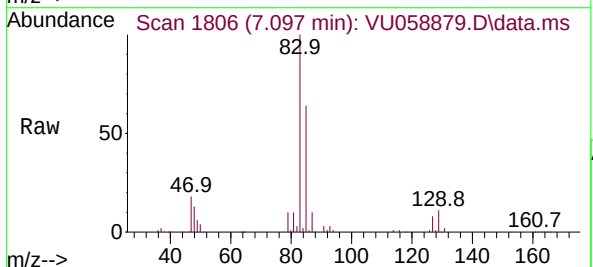
Instrument :
MSVOA_U
ClientSampleId :

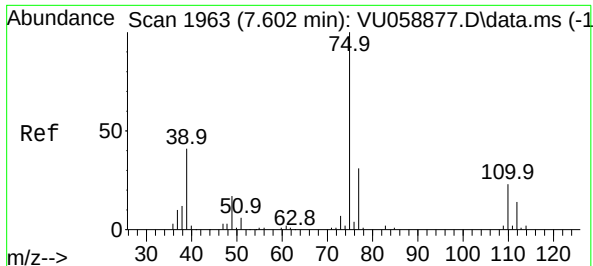
Tgt Ion: 63 Resp: 300502
Ion Ratio Lower Upper
63 100
112 3.5 2.6 3.8



#38
Bromodichloromethane
Concen: 20.990 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion: 83 Resp: 358554
Ion Ratio Lower Upper
83 100
85 63.9 42.7 79.3
127 8.2 6.1 9.1

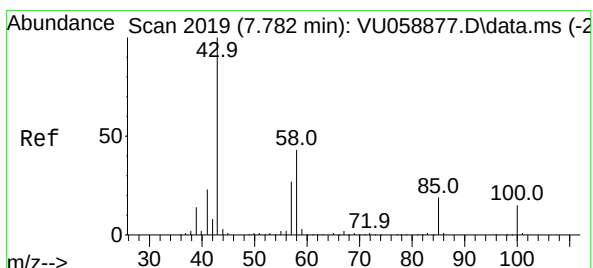
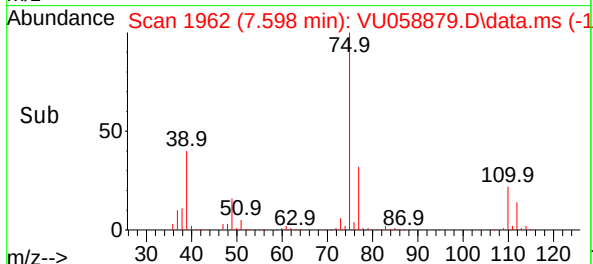
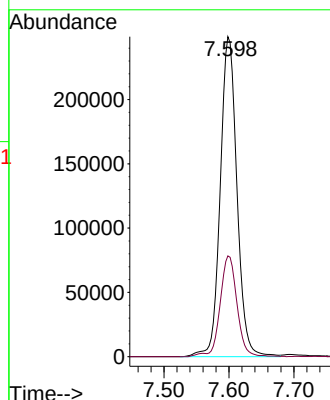
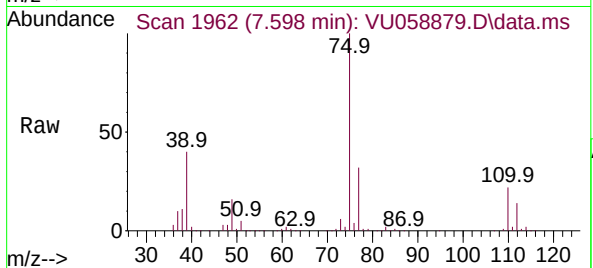




#39
cis-1,3-Dichloropropene
Concen: 22.464 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

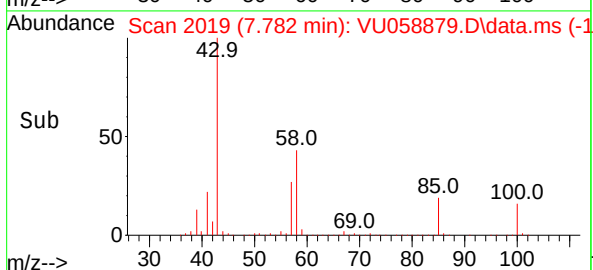
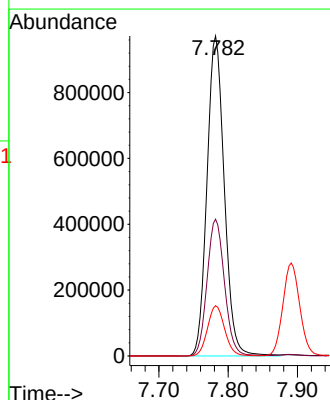
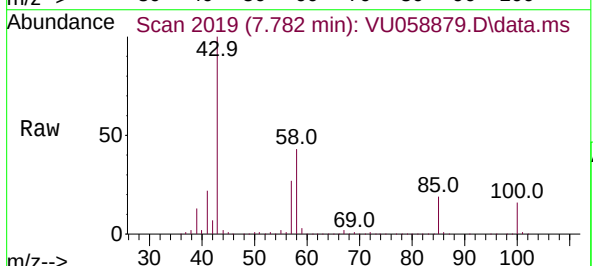
Instrument :
MSVOA_U
ClientSampleId :

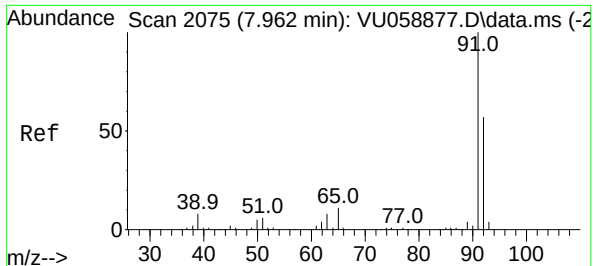
Tgt Ion: 75 Resp: 443428
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 216.081 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion: 43 Resp: 1678934
Ion Ratio Lower Upper
43 100
58 43.2 34.0 51.0
100 15.6 12.1 18.1





#42

Toluene

Concen: 21.664 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

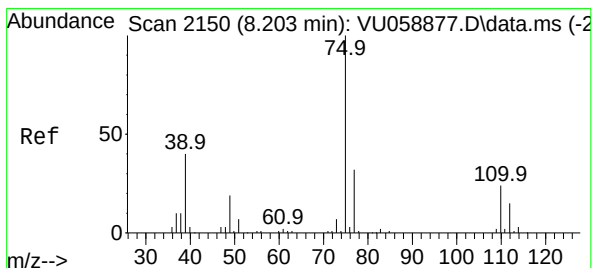
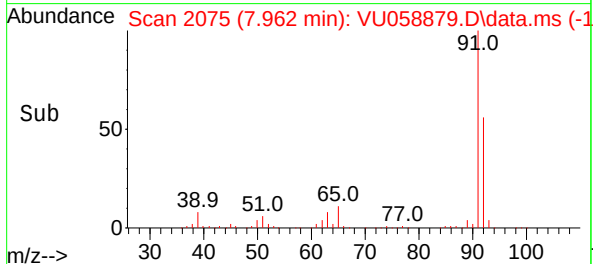
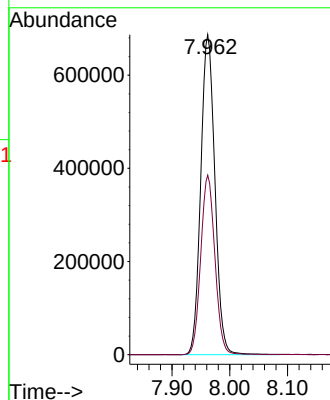
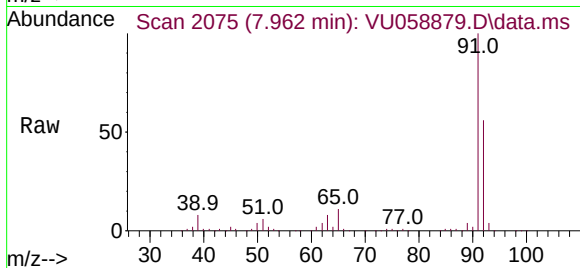
ClientSampleId :

Tgt Ion: 91 Resp: 1167981

Ion Ratio Lower Upper

91 100

92 56.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 22.258 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058879.D

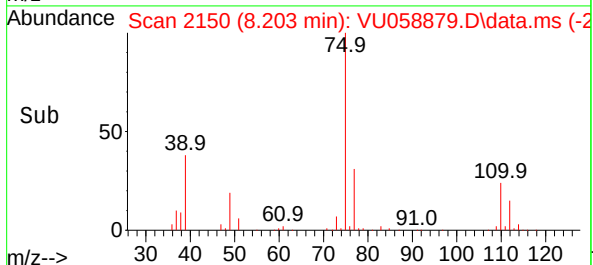
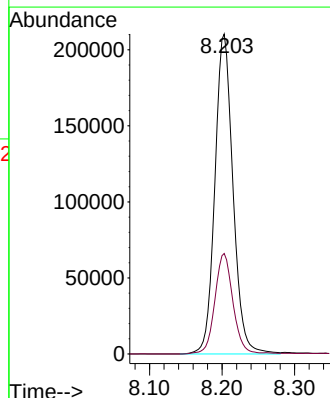
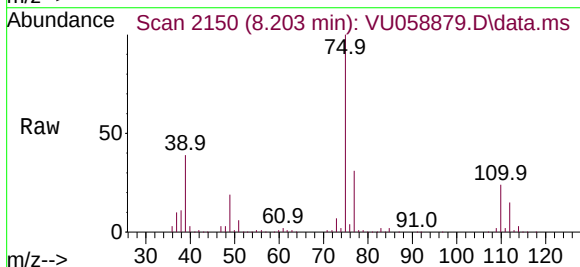
Acq: 14 May 2024 11:31

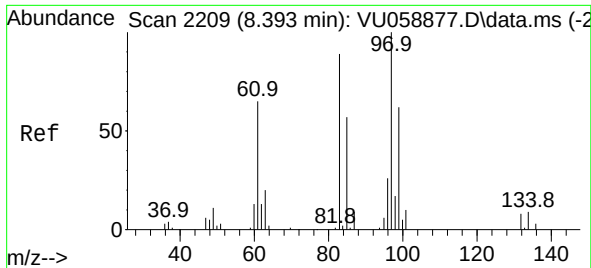
Tgt Ion: 75 Resp: 365080

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 21.358 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 211033

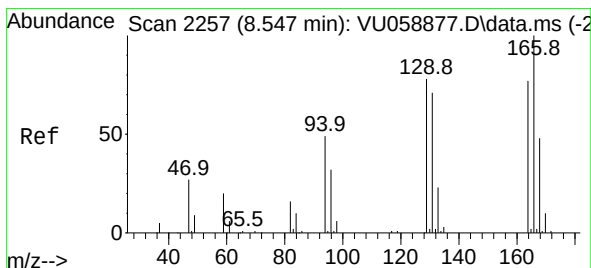
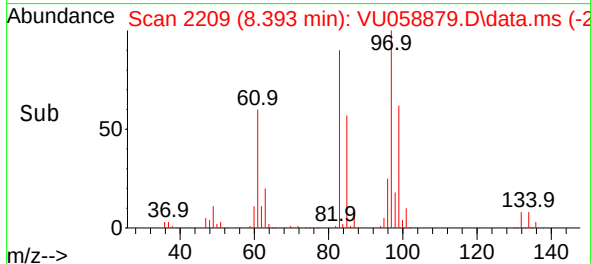
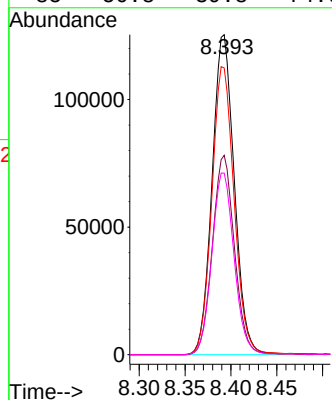
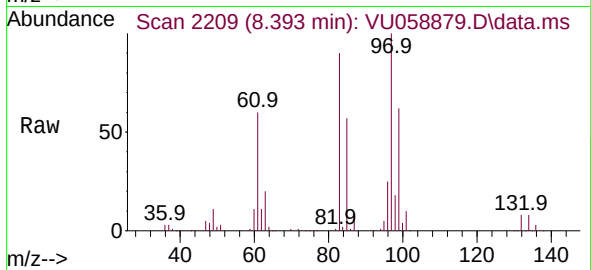
Ion Ratio Lower Upper

97 100

99 62.3 43.3 80.3

83 89.6 62.3 115.7

85 56.8 39.8 74.0



#47

Tetrachloroethene

Concen: 21.587 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Tgt Ion:164 Resp: 201341

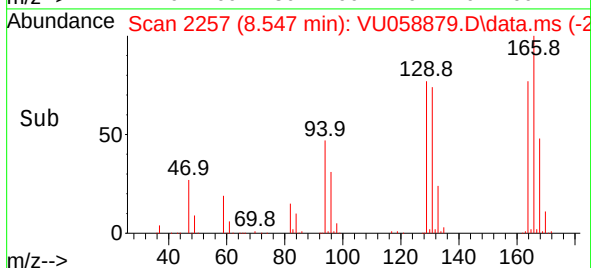
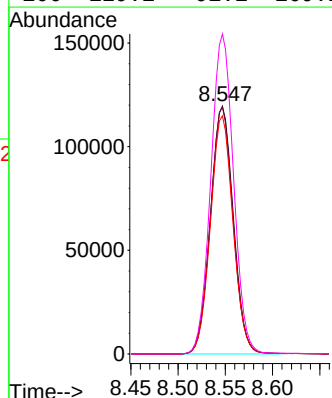
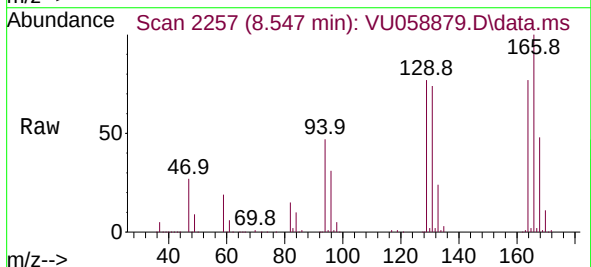
Ion Ratio Lower Upper

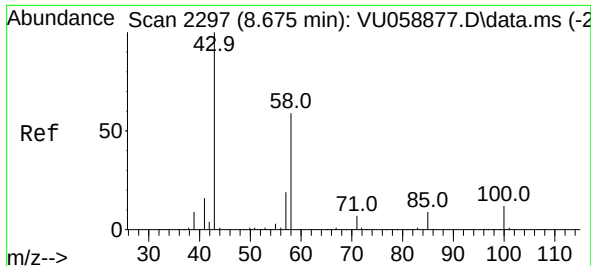
164 100

129 99.6 70.8 131.4

131 96.1 64.8 120.3

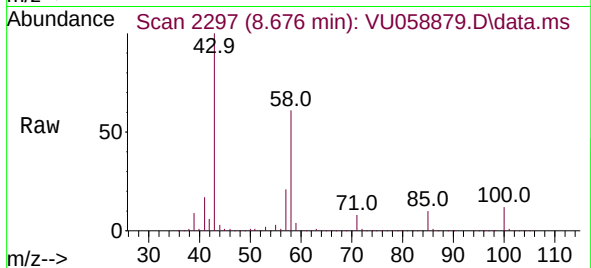
166 129.1 91.1 169.1



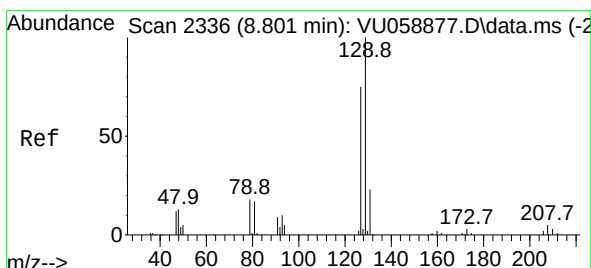
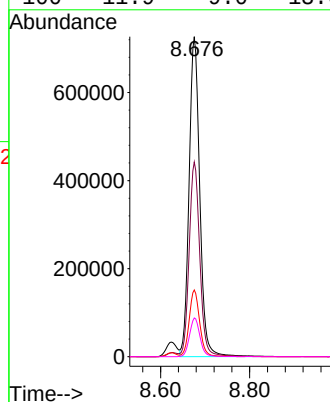
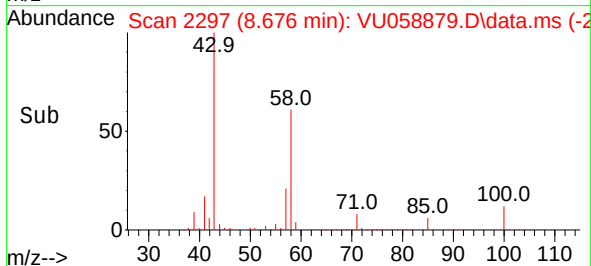


#48
2-Hexanone
Concen: 210.263 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Instrument :
MSVOA_U
ClientSampleId :

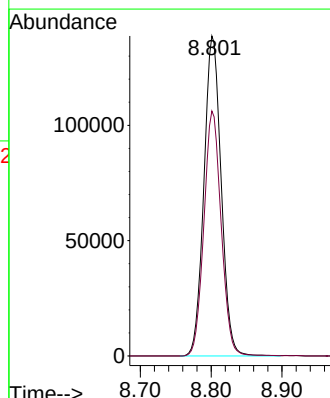
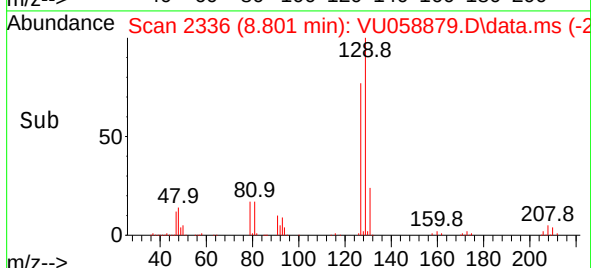
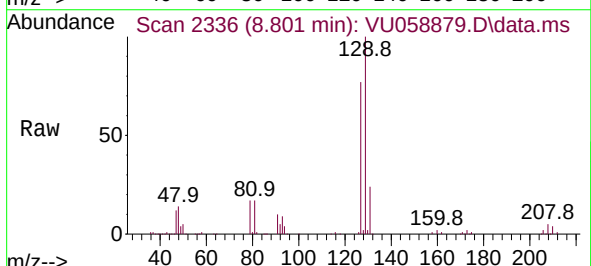


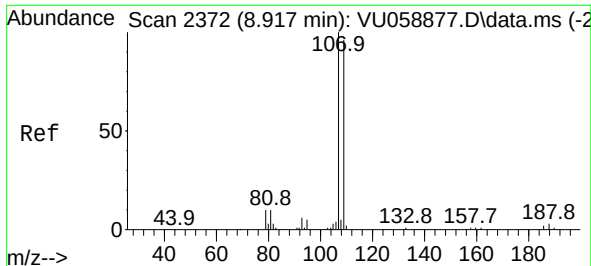
Tgt Ion: 43 Resp: 1206855
Ion Ratio Lower Upper
43 100
58 60.3 46.1 69.1
57 20.1 15.5 23.3
100 11.9 9.0 13.6



#49
Dibromochloromethane
Concen: 21.795 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion: 129 Resp: 234621
Ion Ratio Lower Upper
129 100
127 76.6 52.5 97.5





#50

1,2-Dibromoethane

Concen: 21.174 ug/L

RT: 8.917 min Scan# 24

Delta R.T. 0.000 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

ClientSampleId :

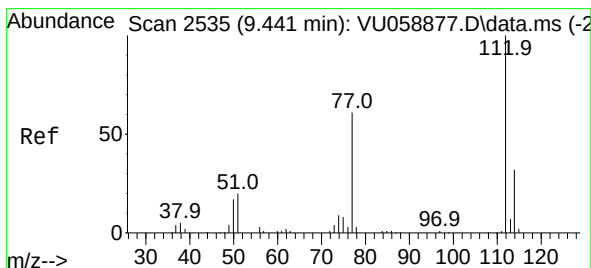
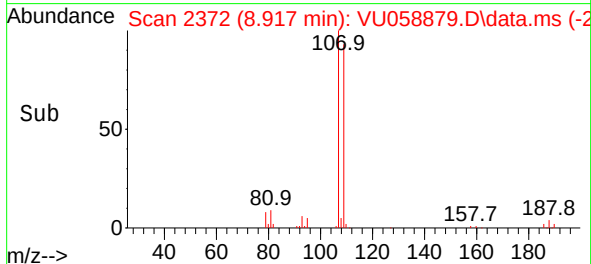
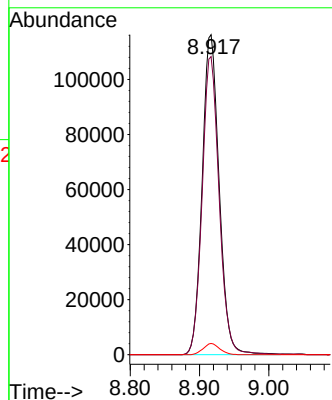
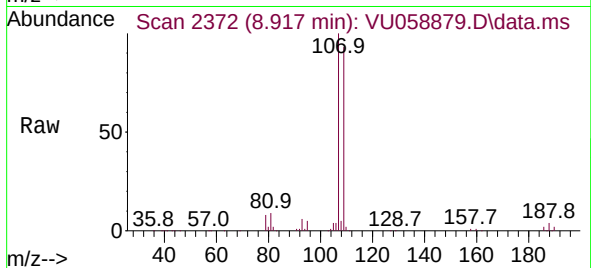
Tgt Ion:107 Resp: 198038

Ion Ratio Lower Upper

107 100

109 93.1 66.9 124.3

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 21.233 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

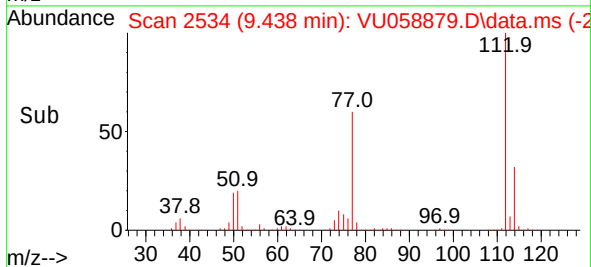
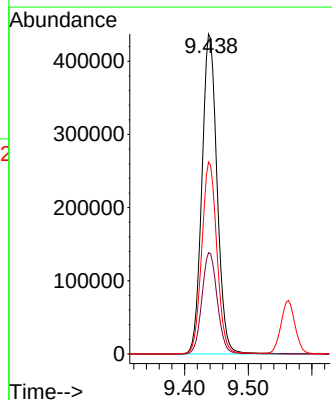
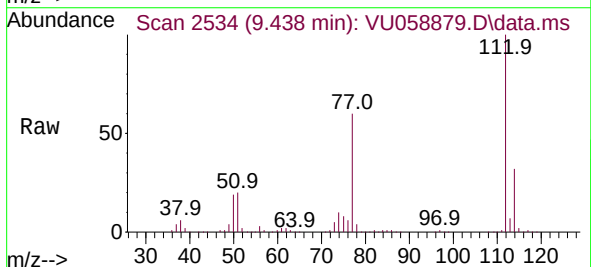
Tgt Ion:112 Resp: 722373

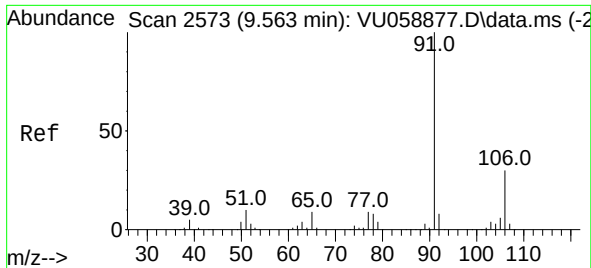
Ion Ratio Lower Upper

112 100

114 31.7 22.4 41.6

77 60.0 49.1 73.7

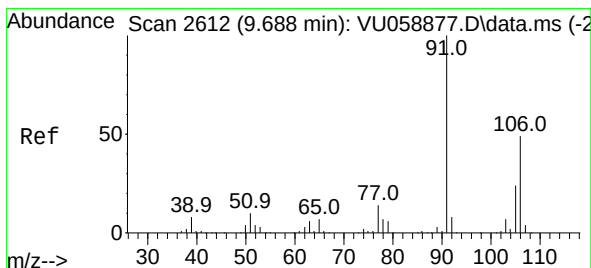
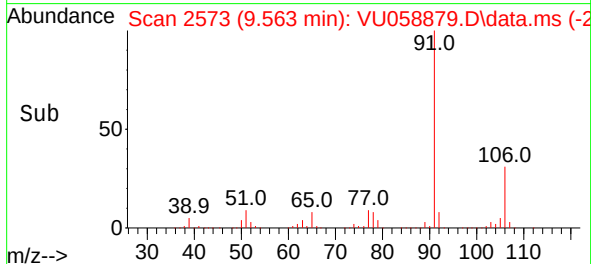
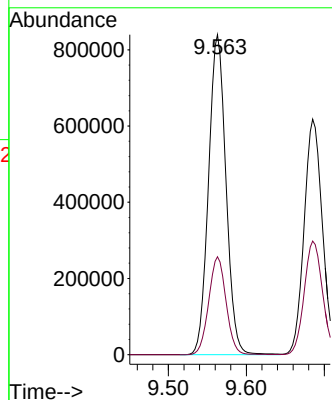
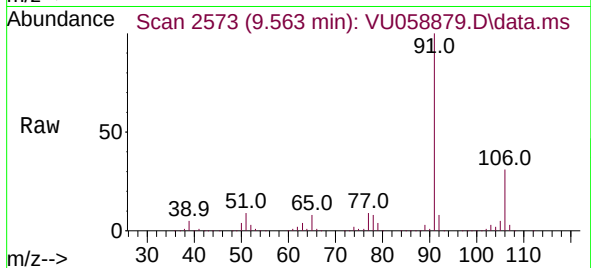




#52
Ethylbenzene
Concen: 22.393 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

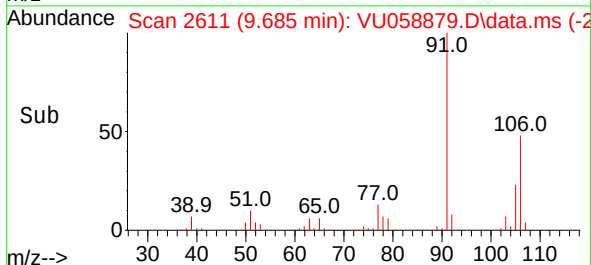
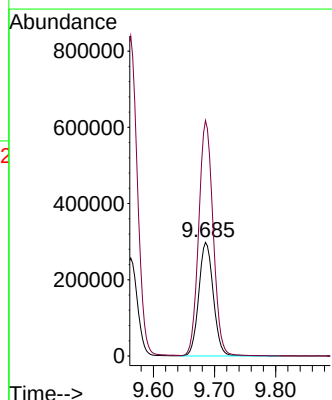
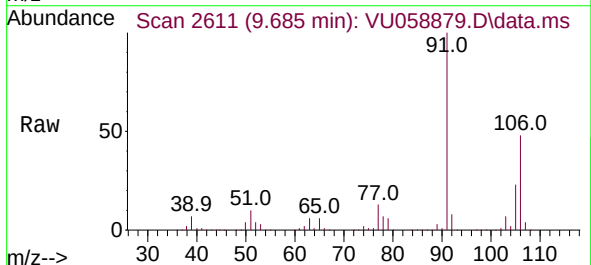
Instrument :
MSVOA_U
ClientSampleId :

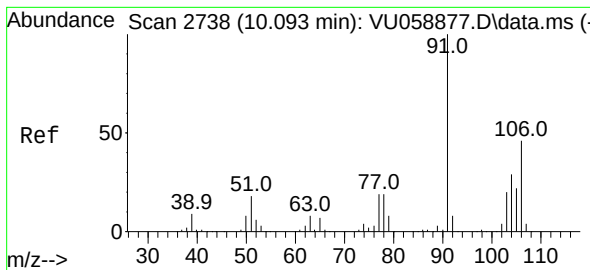
Tgt Ion: 91 Resp: 1305656
Ion Ratio Lower Upper
91 100
106 30.6 20.9 38.7



#53
m,p-Xylene
Concen: 22.613 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion:106 Resp: 491583
Ion Ratio Lower Upper
106 100
91 207.3 142.0 263.8





#54

o-Xylene

Concen: 23.160 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

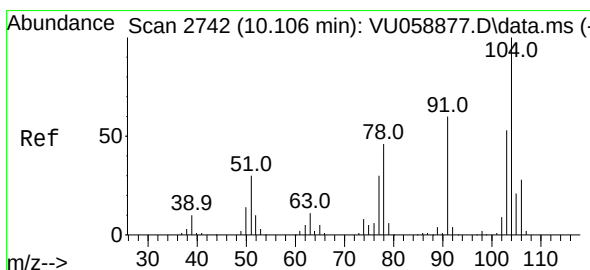
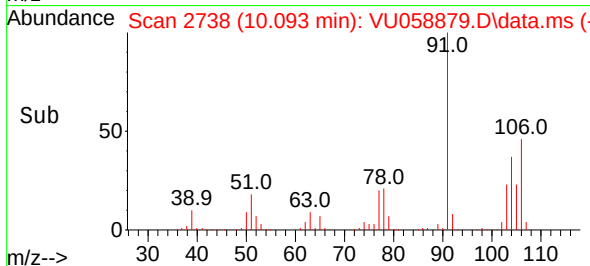
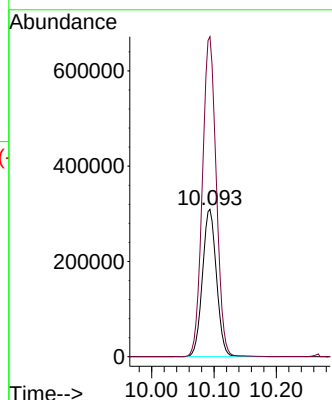
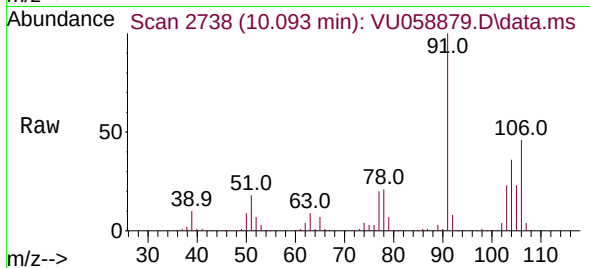
ClientSampleId :

Tgt Ion:106 Resp: 484045

Ion Ratio Lower Upper

106 100

91 217.2 151.6 281.6



#55

Styrene

Concen: 23.267 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU058879.D

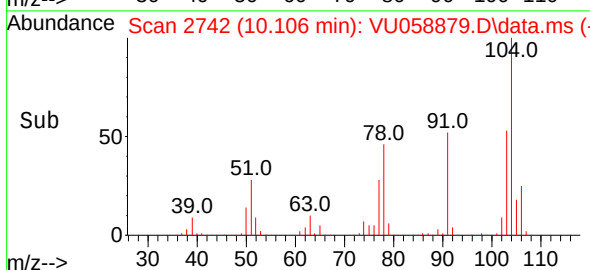
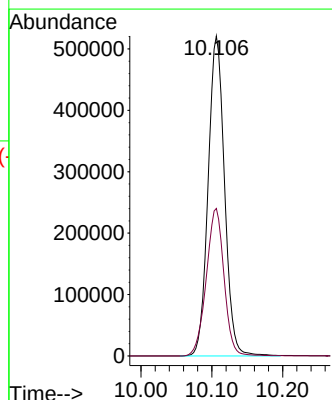
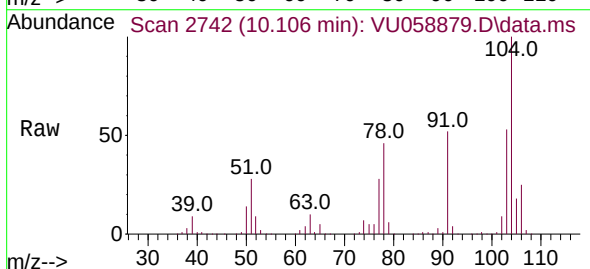
Acq: 14 May 2024 11:31

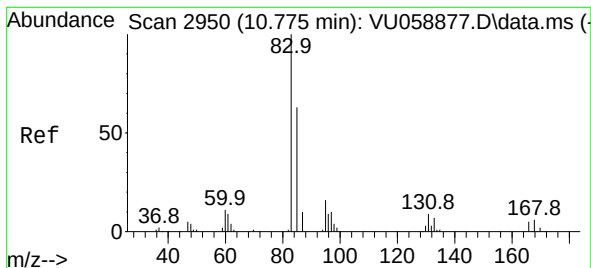
Tgt Ion:104 Resp: 837849

Ion Ratio Lower Upper

104 100

78 46.1 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 21.192 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

ClientSampleId :

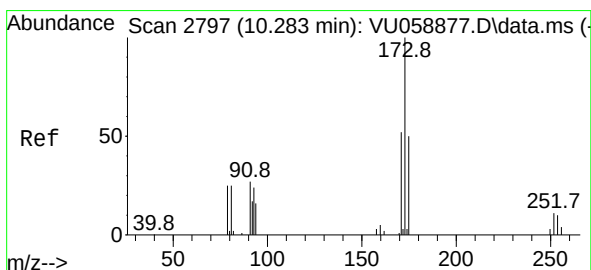
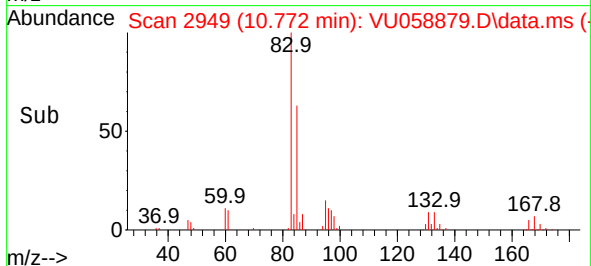
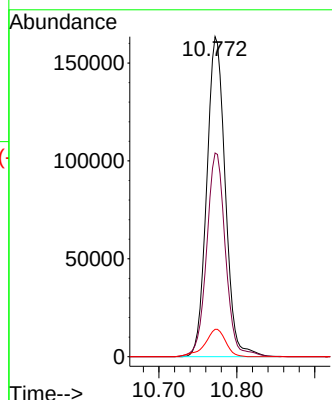
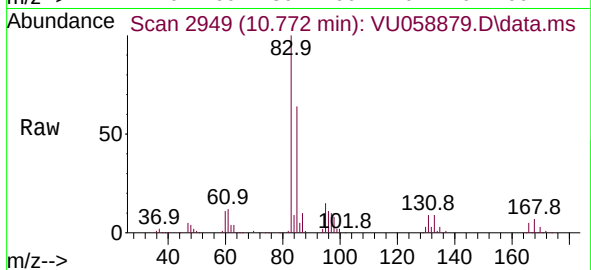
Tgt Ion: 83 Resp: 269050

Ion Ratio Lower Upper

83 100

85 63.7 44.7 82.9

131 8.6 6.9 10.3



#59

Bromoform

Concen: 21.167 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

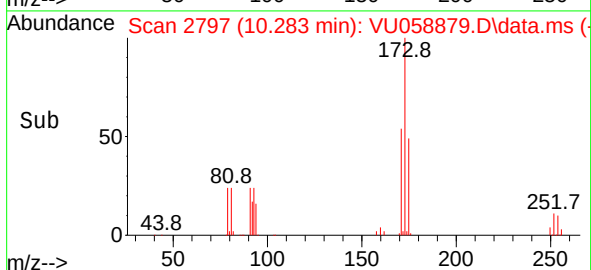
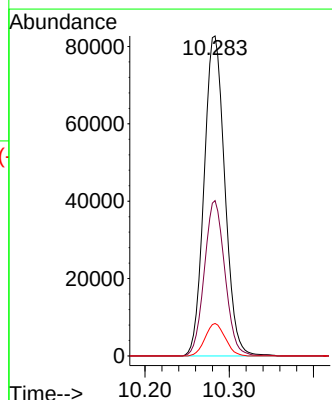
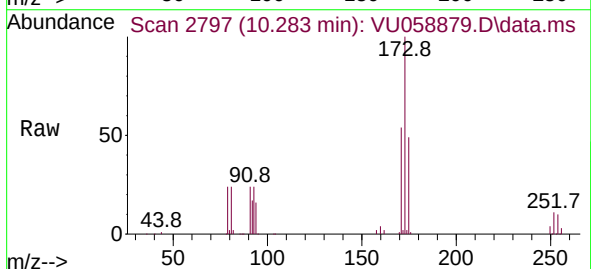
Tgt Ion:173 Resp: 141463

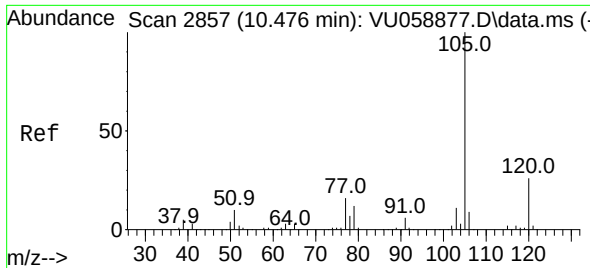
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.2

254 9.8 7.4 11.2

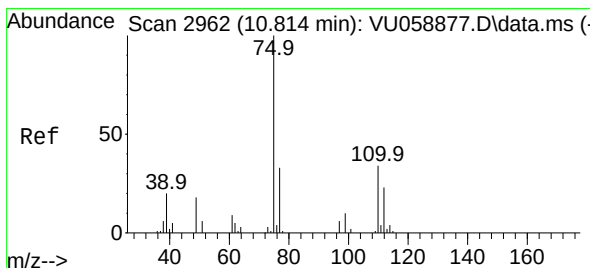
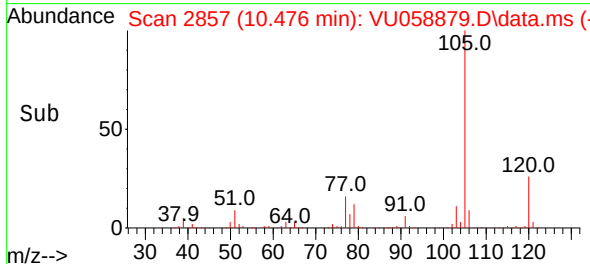
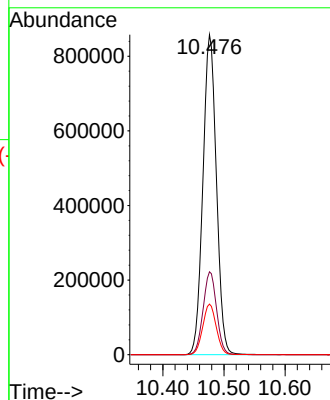
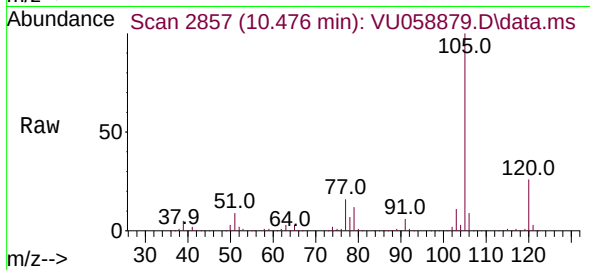




#60
Isopropylbenzene
Concen: 22.459 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

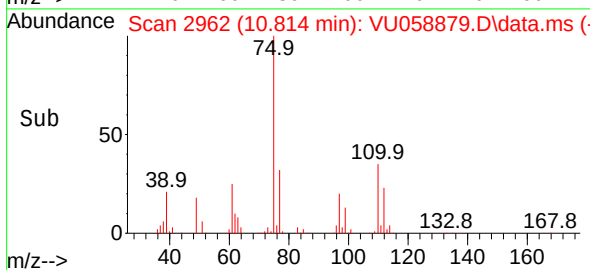
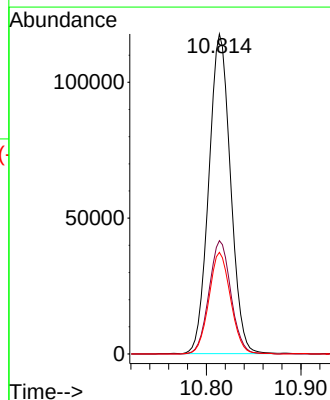
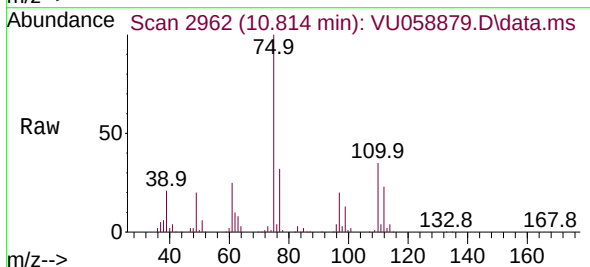
Instrument :
MSVOA_U
ClientSampleId :

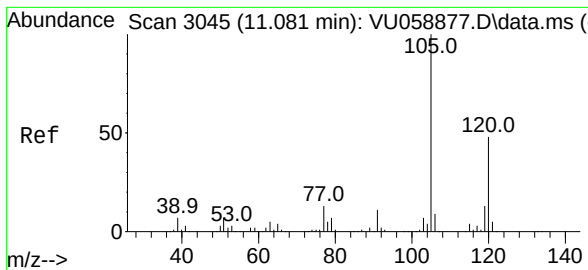
Tgt Ion:105 Resp: 1314258
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 15.9 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 20.446 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion: 75 Resp: 187327
Ion Ratio Lower Upper
75 100
110 35.8 27.1 40.7
77 31.9 25.4 38.2

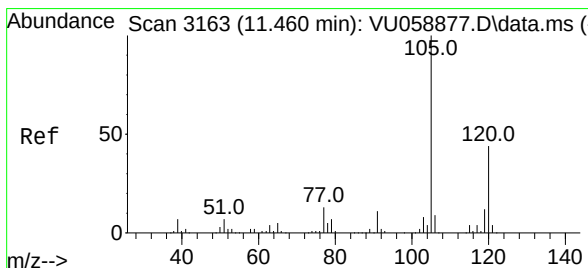
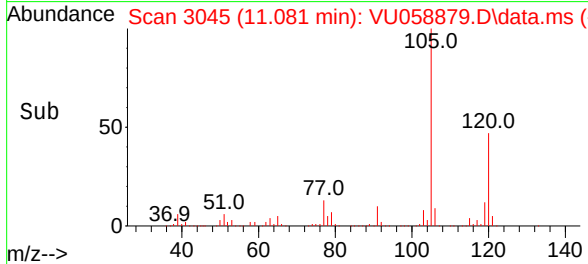
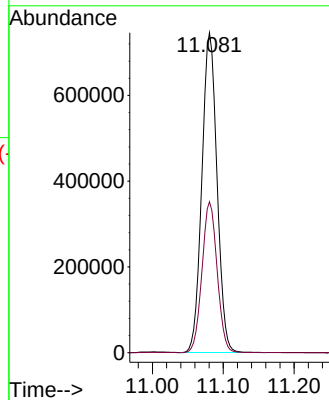
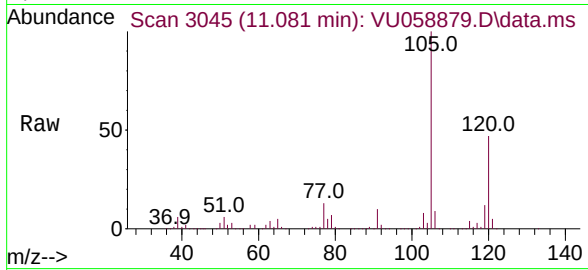




#62
1,3,5-Trimethylbenzene
Concen: 23.380 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

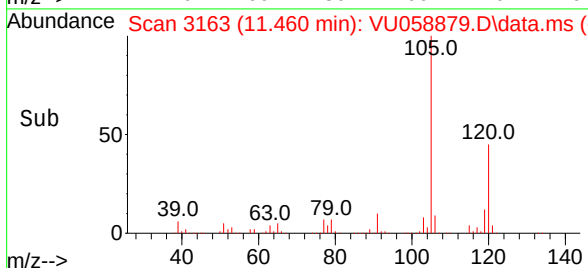
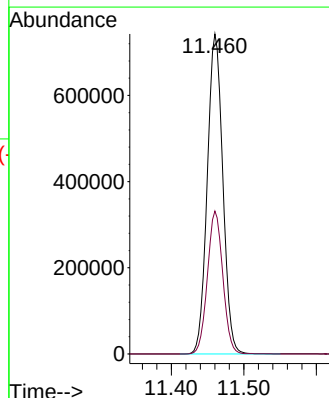
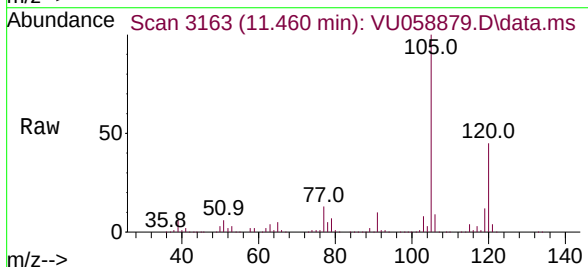
Instrument :
MSVOA_U
ClientSampleId :

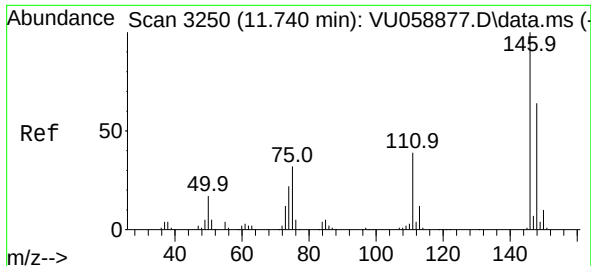
Tgt Ion:105 Resp: 1106057
Ion Ratio Lower Upper
105 100
120 47.1 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 23.358 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion:105 Resp: 1104371
Ion Ratio Lower Upper
105 100
120 44.3 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 21.076 ug/L

RT: 11.737 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

ClientSampleId :

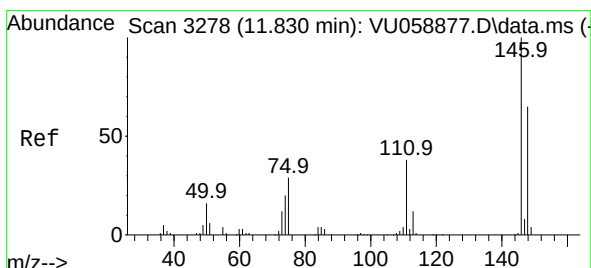
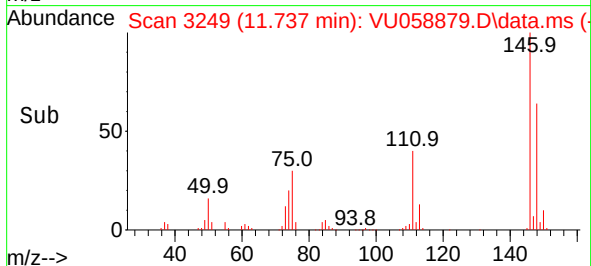
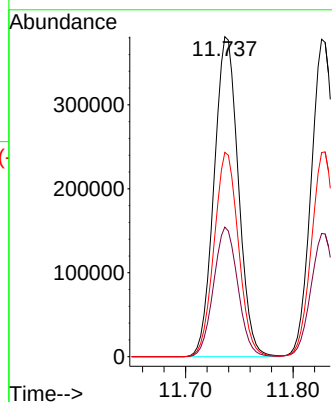
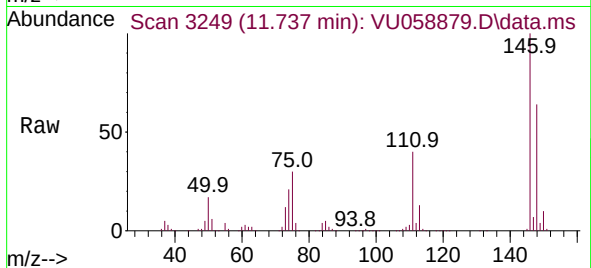
Tgt Ion:146 Resp: 598998

Ion Ratio Lower Upper

146 100

111 40.5 27.4 51.0

148 63.9 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 20.617 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

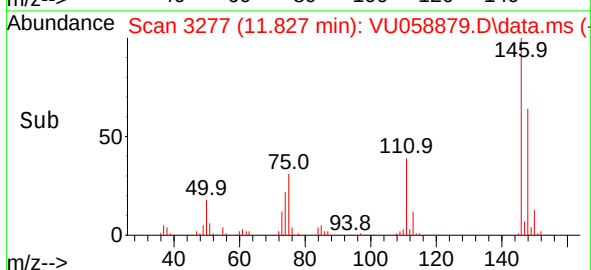
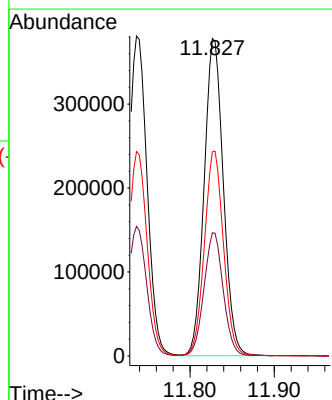
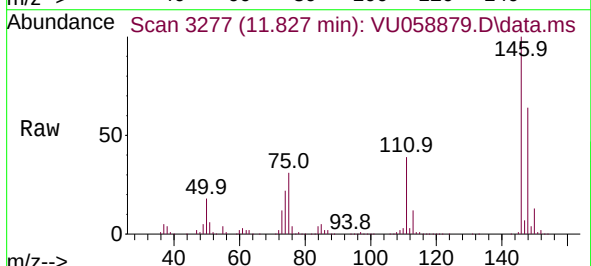
Tgt Ion:146 Resp: 598459

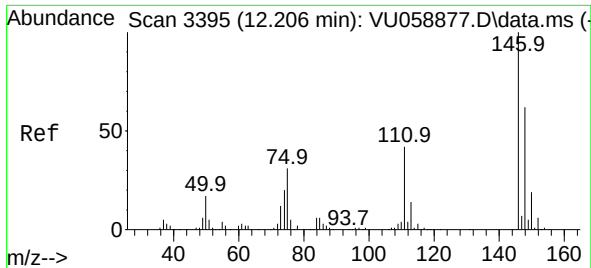
Ion Ratio Lower Upper

146 100

111 38.8 26.9 50.1

148 64.3 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 20.648 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

Instrument :

MSVOA_U

ClientSampleId :

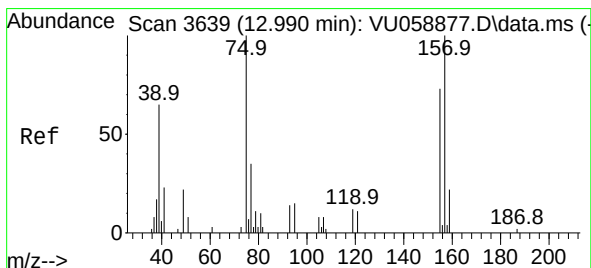
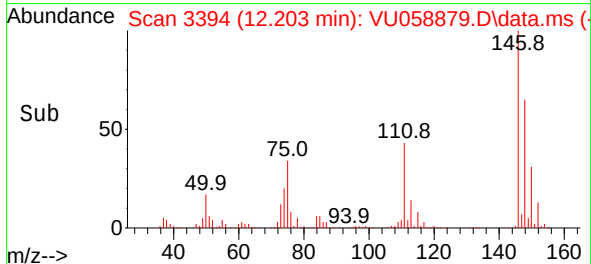
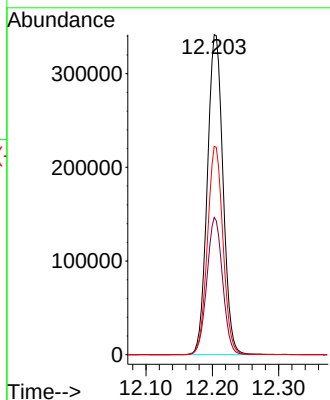
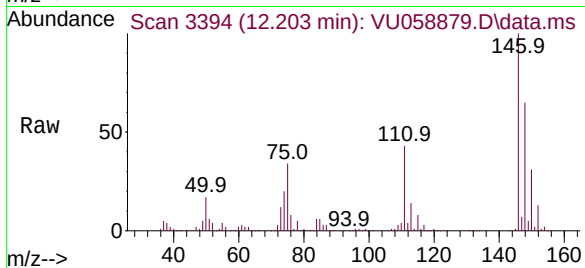
Tgt Ion:146 Resp: 560405

Ion Ratio Lower Upper

146 100

111 42.9 33.4 50.0

148 65.1 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 20.766 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU058879.D

Acq: 14 May 2024 11:31

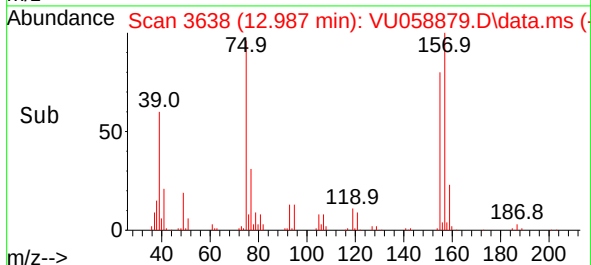
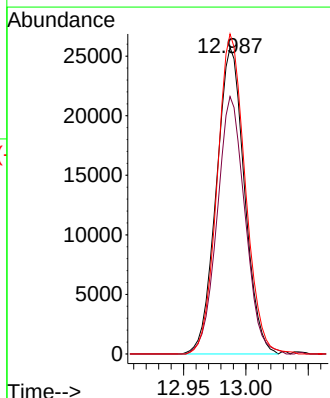
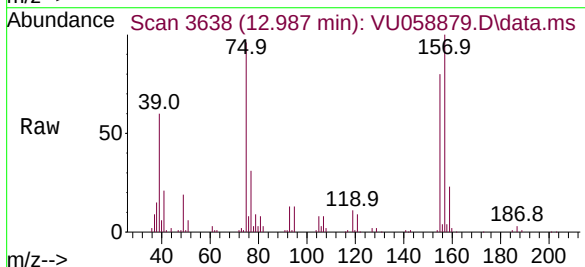
Tgt Ion: 75 Resp: 40360

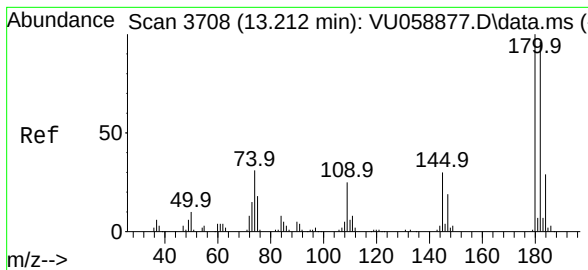
Ion Ratio Lower Upper

75 100

155 84.0 58.2 87.2

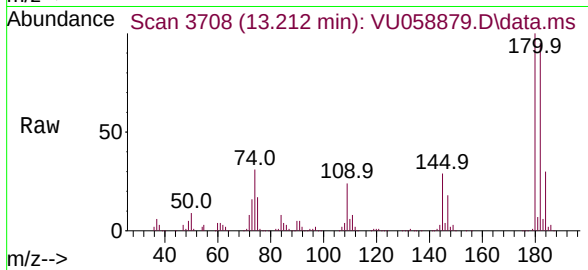
157 104.4 80.0 120.0



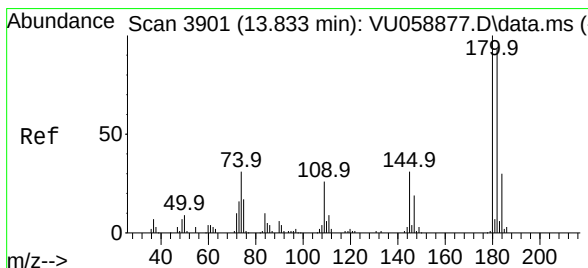
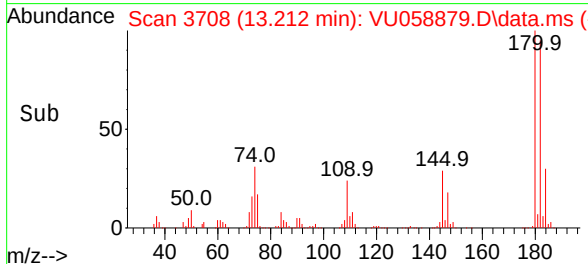
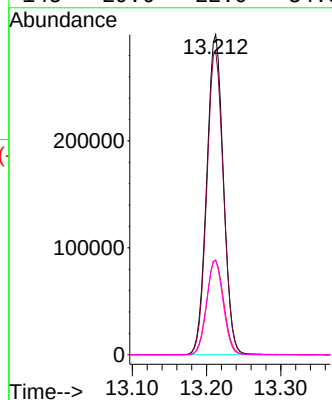


#69
1,3,5-Trichlorobenzene
Concen: 21.799 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Instrument :
MSVOA_U
ClientSampleId :

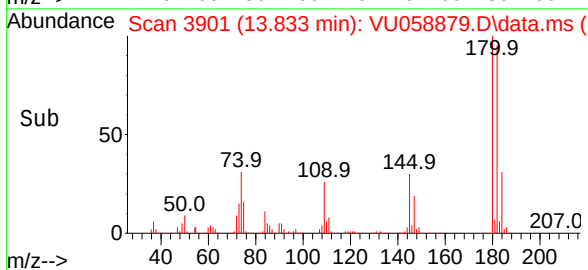
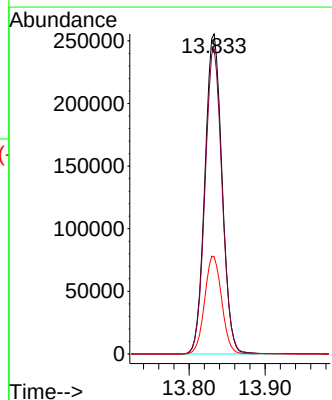
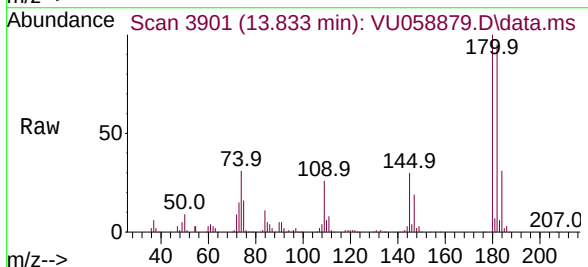


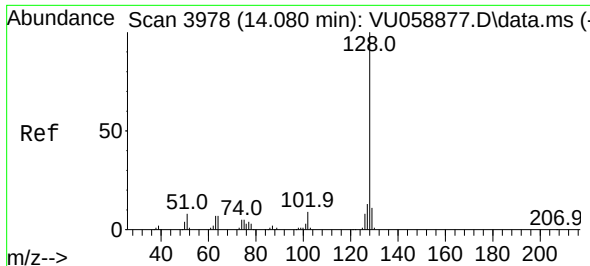
Tgt Ion:180 Resp: 466307
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.0
184 30.0 23.0 34.6
145 29.6 22.9 34.3



#70
1,2,4-trichlorobenzene
Concen: 21.358 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion:180 Resp: 400284
Ion Ratio Lower Upper
180 100
182 95.2 74.9 112.3
145 30.4 23.9 35.9

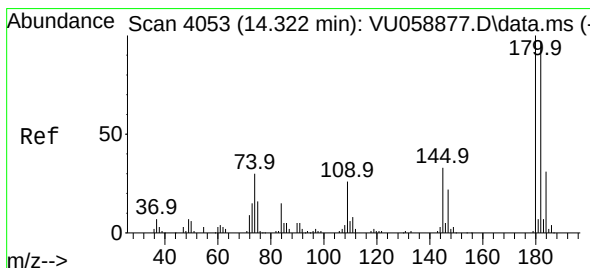
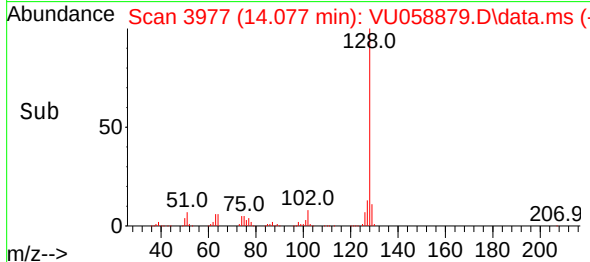
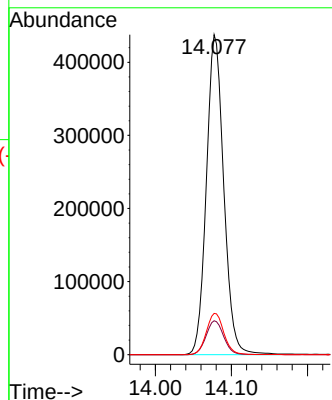
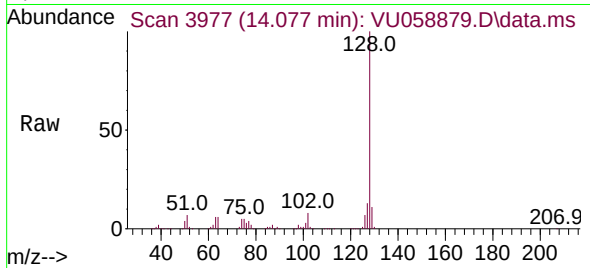




#71
Naphthalene
Concen: 22.399 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 694886
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 21.088 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU058879.D
Acq: 14 May 2024 11:31

Tgt Ion:180 Resp: 354212
Ion Ratio Lower Upper
180 100
182 95.7 77.0 115.6
145 32.1 26.2 39.4

