

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058878.D
 Acq On : 14 May 2024 11:07
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:28:17 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	6.245	114	170274	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	105409	10.080	ug/L	0.00
7) Chloroethane-d5	1.911	69	96780	10.367	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	42468	10.253	ug/L	0.00
20) 2-Butanone-d5	4.624	46	296897	114.405	ug/L	0.00
24) Chloroform-d	5.055	84	221012	10.651	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	110906	10.837	ug/L	0.00
32) Benzene-d6	5.721	84	415641	10.463	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	138431	10.801	ug/L	0.00
41) Toluene-d8	7.891	98	371990	10.563	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	50505	10.878	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	257431	117.768	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	118677	10.690	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	139157	10.654	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	129318	11.156	ug/L	99
3) Chloromethane	1.518	50	144042	10.576	ug/L	98
5) Vinyl chloride	1.602	62	157209	10.729	ug/L	100
6) Bromomethane	1.856	94	97954	10.732	ug/L	97
8) Chloroethane	1.933	64	98685	10.744	ug/L	98
9) Trichlorofluoromethane	2.136	101	200809	10.929	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	122428	11.148	ug/L	100
12) 1,1-Dichloroethene	2.576	96	108180	10.832	ug/L	99
13) Acetone	2.640	43	195569	109.210	ug/L	98
14) Carbon disulfide	2.788	76	325465	10.199	ug/L	100
15) Methyl Acetate	2.952	43	47650	10.572	ug/L	97
16) Methylene chloride	3.039	84	128624	8.870	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	290214	10.913	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	115890	10.780	ug/L	99
19) 1,1-Dichloroethane	3.862	63	238581	10.771	ug/L	98
21) 2-Butanone	4.705	43	322377	112.729	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	134976	10.740	ug/L	92
23) Bromochloromethane	4.968	128	58003	10.746	ug/L	95
25) Chloroform	5.081	83	243359	10.771	ug/L	97
27) 1,2-Dichloroethane	5.785	62	153172	10.934	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	194391	10.894	ug/L	100
30) Cyclohexane	5.383	56	192247	11.241	ug/L	100
31) Carbon tetrachloride	5.518	117	164820	11.091	ug/L	98
33) Benzene	5.766	78	522585	10.889	ug/L	100
34) Trichloroethene	6.534	95	138424	10.970	ug/L	95
35) Methylcyclohexane	6.756	83	206616	11.532	ug/L	99
37) 1,2-Dichloropropane	6.782	63	146165	10.737	ug/L	99
38) Bromodichloromethane	7.097	83	173019	10.795	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	208851	11.277	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	800736	109.836	ug/L	100
42) Toluene	7.962	91	562842	11.127	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	168458	10.946	ug/L	99

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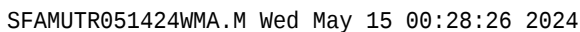
Instrument :
 MSVOA_U
 ClientSampleId :

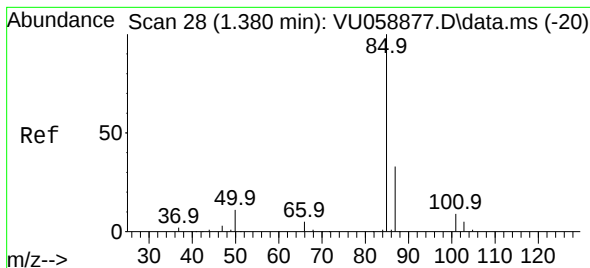
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	101467	10.945	ug/L	96
47) Tetrachloroethene	8.547	164	98639	11.271	ug/L	98
48) 2-Hexanone	8.675	43	577003	107.142	ug/L	98
49) Dibromochloromethane	8.801	129	109985	10.889	ug/L	99
50) 1,2-Dibromoethane	8.917	107	92200	10.506	ug/L	99
51) Chlorobenzene	9.441	112	344360	10.788	ug/L	99
52) Ethylbenzene	9.563	91	611976	11.186	ug/L	98
53) m,p-Xylene	9.688	106	227800	11.168	ug/L	96
54) o-Xylene	10.093	106	224370	11.442	ug/L	98
55) Styrene	10.106	104	388036	11.484	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	130034	10.916	ug/L	99
59) Bromoform	10.283	173	66036	10.861	ug/L	100
60) Isopropylbenzene	10.476	105	607082	11.403	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	89273	10.710	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	498763	11.588	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	502763	11.688	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	280787	10.859	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	278714	10.554	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	263334	10.665	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	18231	10.310	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	212130	10.900	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	183362	10.754	ug/L	99
71) Naphthalene	14.080	128	293080	10.384	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	161740	10.584	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 11.156 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

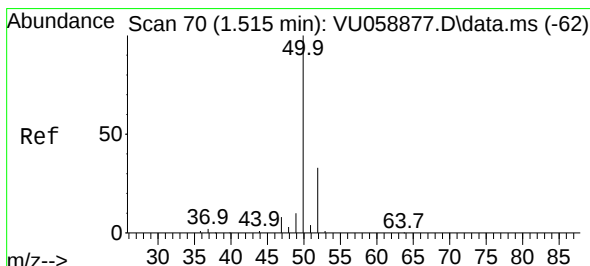
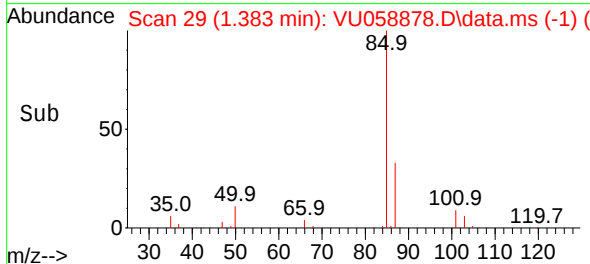
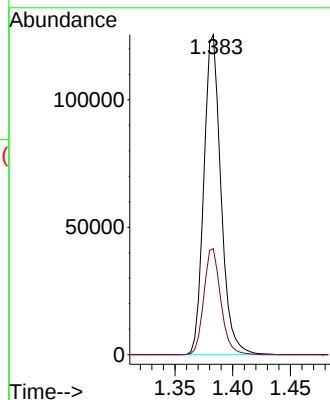
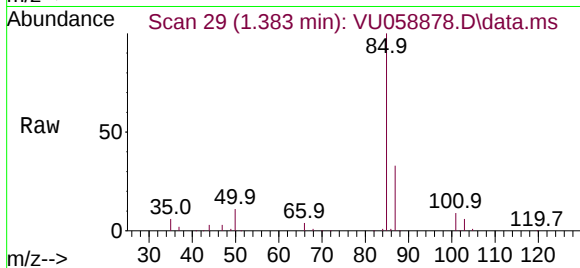
ClientSampleId :

Tgt Ion: 85 Resp: 129318

Ion Ratio Lower Upper

85 100

87 32.8 26.6 40.0



#3

Chloromethane

Concen: 10.576 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU058878.D

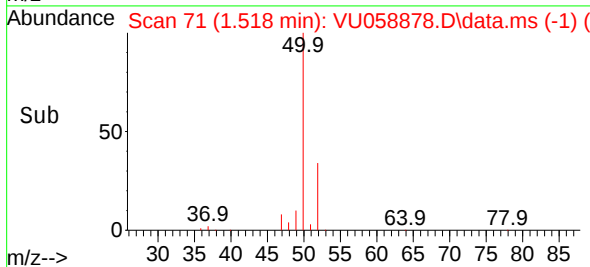
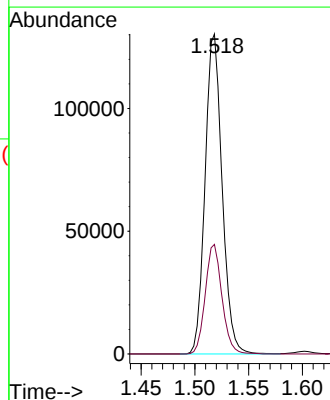
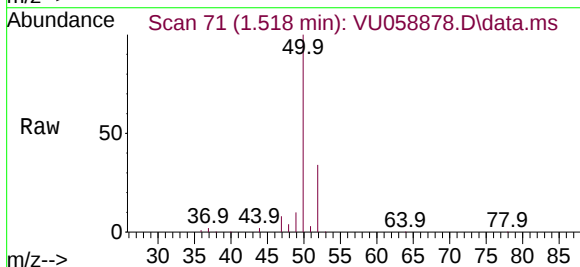
Acq: 14 May 2024 11:07

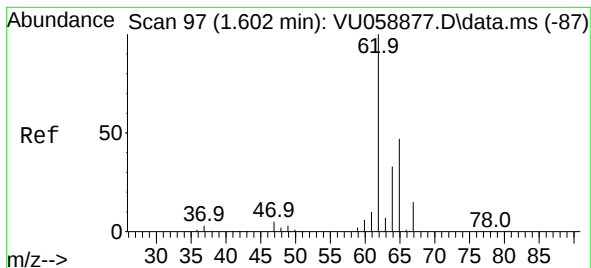
Tgt Ion: 50 Resp: 144042

Ion Ratio Lower Upper

50 100

52 34.3 23.2 43.0





#5

Vinyl chloride

Concen: 10.729 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

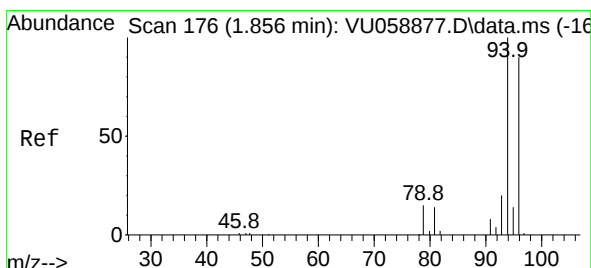
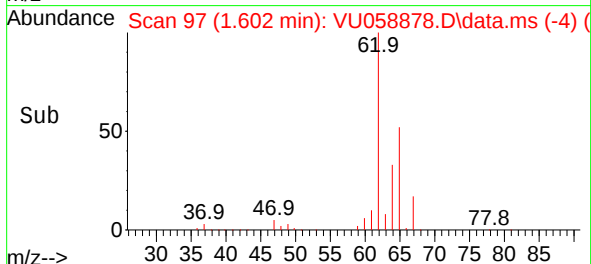
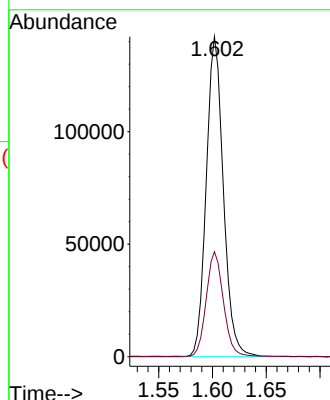
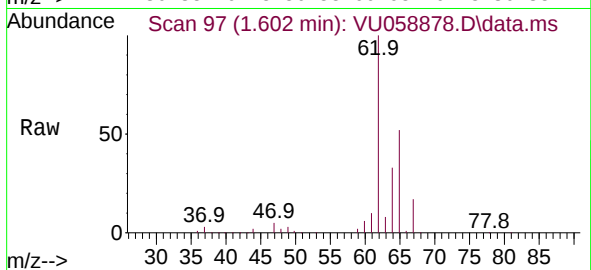
ClientSampleId :

Tgt Ion: 62 Resp: 157209

Ion Ratio Lower Upper

62 100

64 32.8 23.1 42.9



#6

Bromomethane

Concen: 10.732 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU058878.D

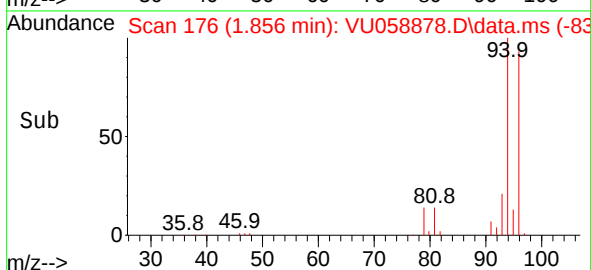
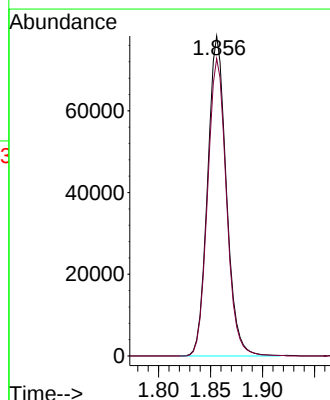
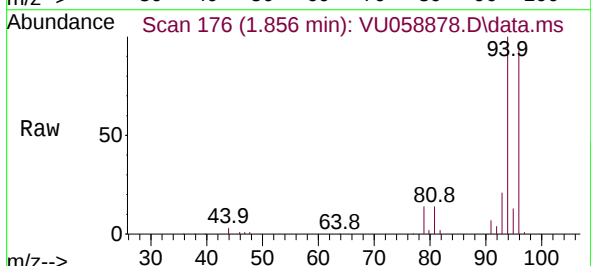
Acq: 14 May 2024 11:07

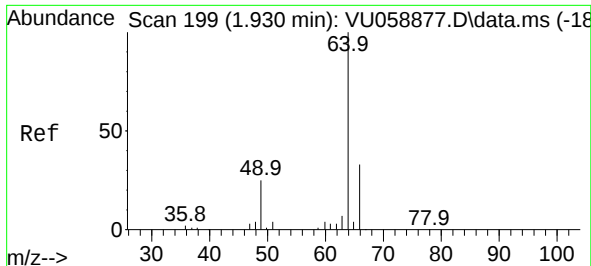
Tgt Ion: 94 Resp: 97954

Ion Ratio Lower Upper

94 100

96 92.9 62.9 116.9





#8

Chloroethane

Concen: 10.744 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.003 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

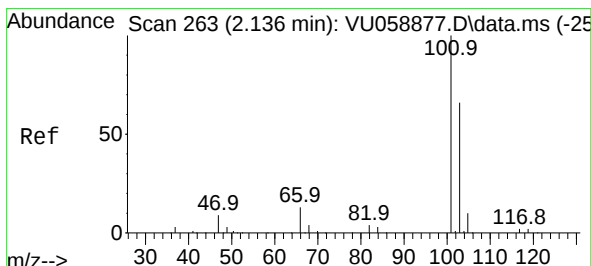
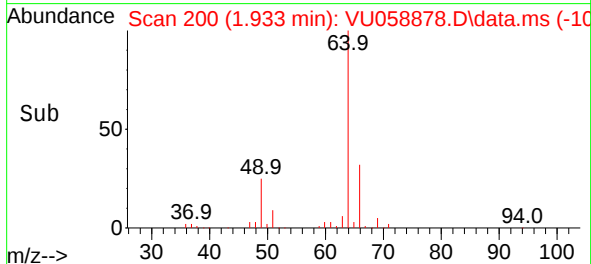
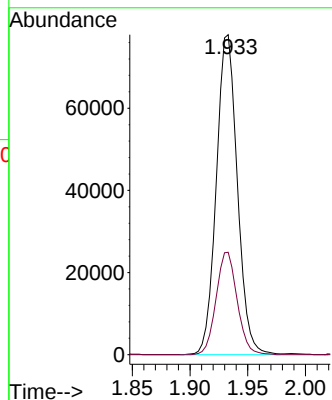
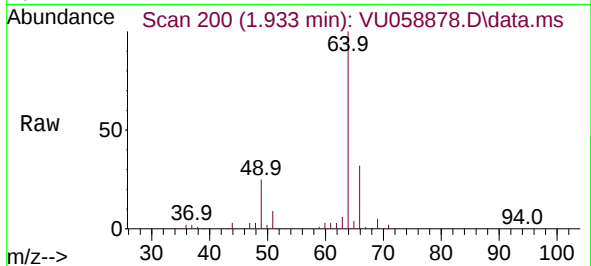
ClientSampleId :

Tgt Ion: 64 Resp: 98685

Ion Ratio Lower Upper

64 100

66 32.0 23.2 43.2



#9

Trichlorofluoromethane

Concen: 10.929 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.000 min

Lab File: VU058878.D

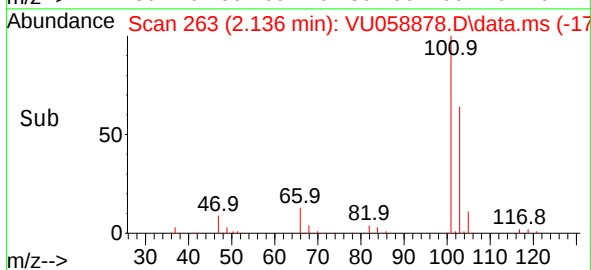
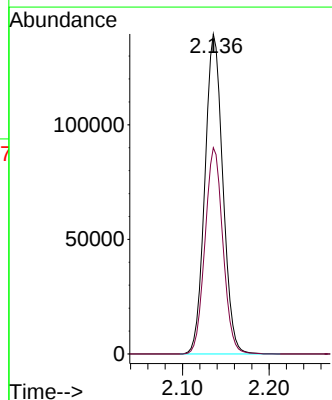
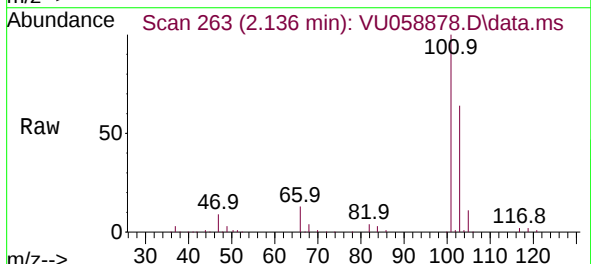
Acq: 14 May 2024 11:07

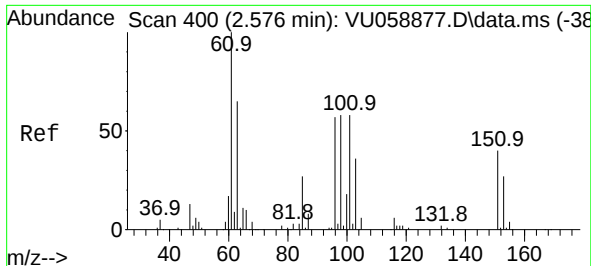
Tgt Ion:101 Resp: 200809

Ion Ratio Lower Upper

101 100

103 64.3 52.6 79.0

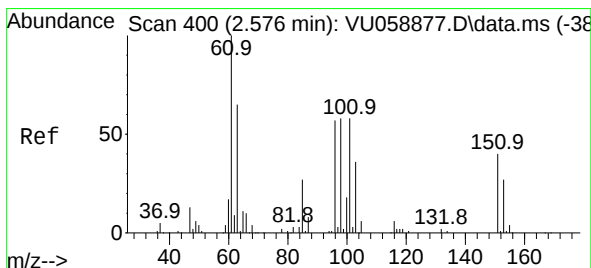
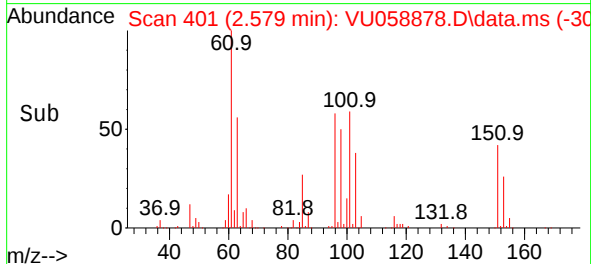
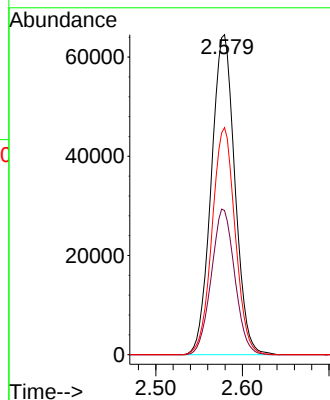
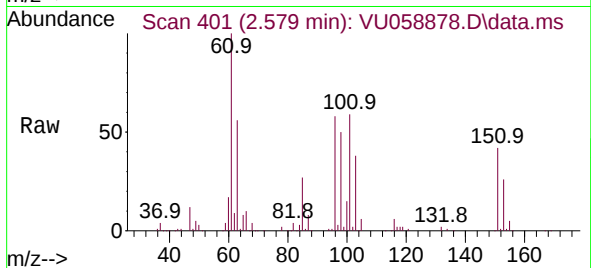




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.148 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

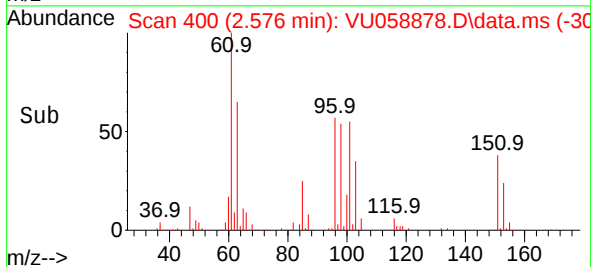
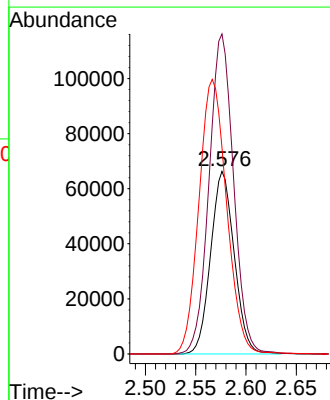
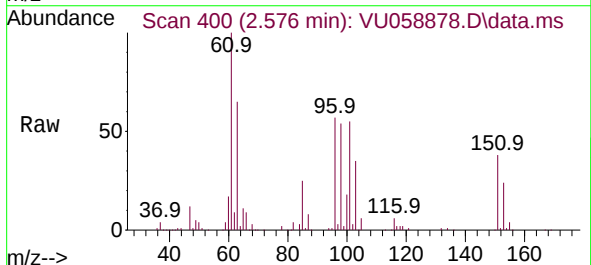
Instrument :
MSVOA_U
ClientSampleId :

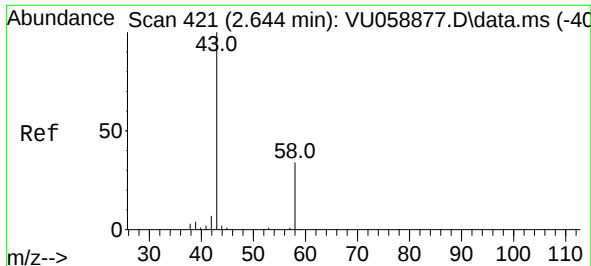
Tgt Ion:101 Resp: 122428
Ion Ratio Lower Upper
101 100
85 45.0 36.2 54.4
151 69.4 55.5 83.3



#12
1,1-Dichloroethene
Concen: 10.832 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion: 96 Resp: 108180
Ion Ratio Lower Upper
96 100
61 175.3 122.9 228.3
63 113.1 80.4 149.4





#13

Acetone

Concen: 109.210 ug/L

RT: 2.640 min Scan# 421

Delta R.T. -0.003 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

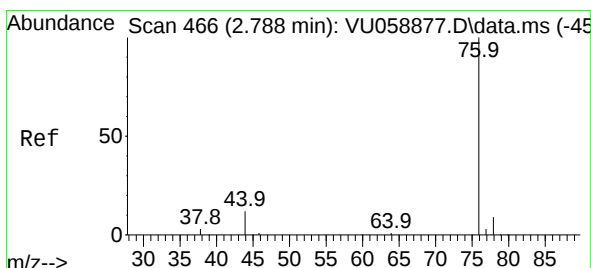
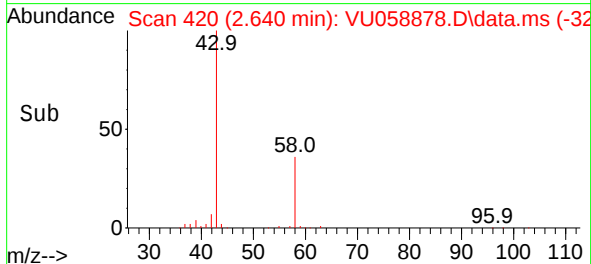
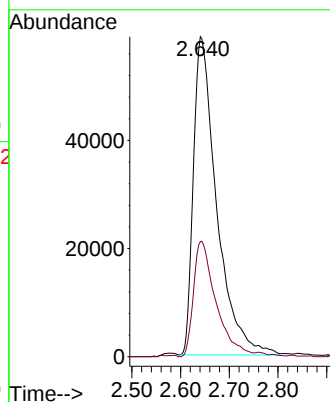
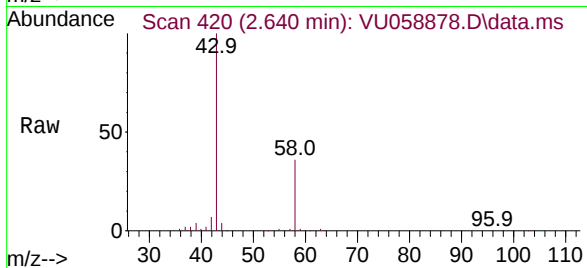
ClientSampleId :

Tgt Ion: 43 Resp: 195569

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.0



#14

Carbon disulfide

Concen: 10.199 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058878.D

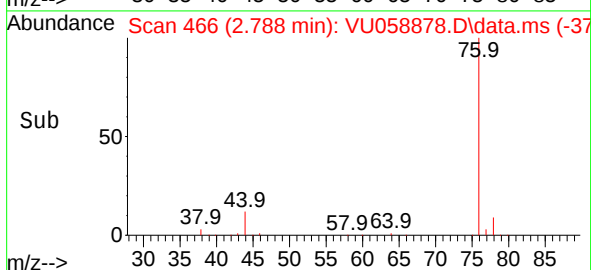
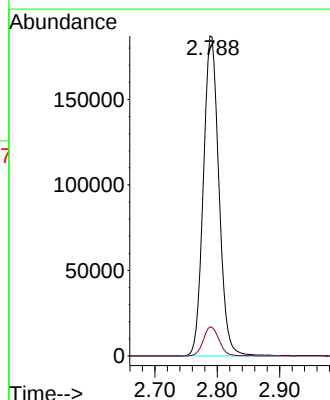
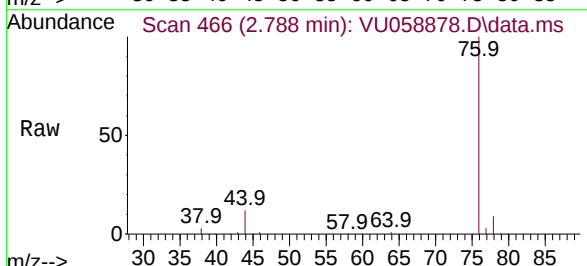
Acq: 14 May 2024 11:07

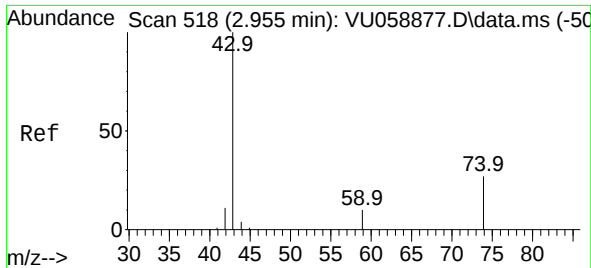
Tgt Ion: 76 Resp: 325465

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 10.572 ug/L

RT: 2.952 min Scan# 518

Delta R.T. -0.003 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

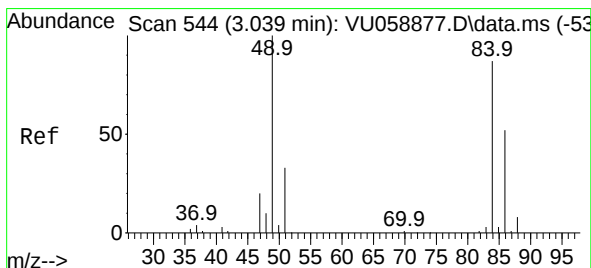
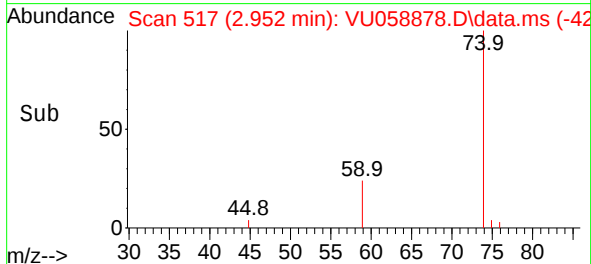
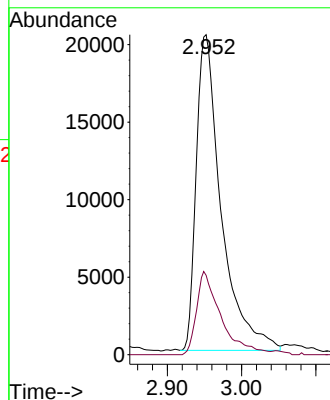
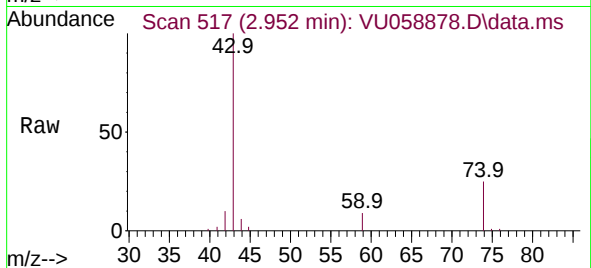
ClientSampleId :

Tgt Ion: 43 Resp: 47650

Ion Ratio Lower Upper

43 100

74 25.7 19.2 28.8



#16

Methylene chloride

Concen: 8.870 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

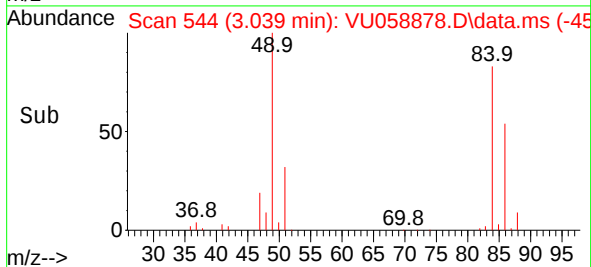
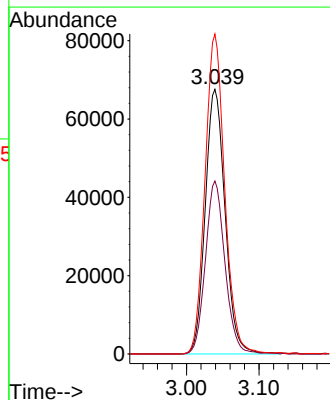
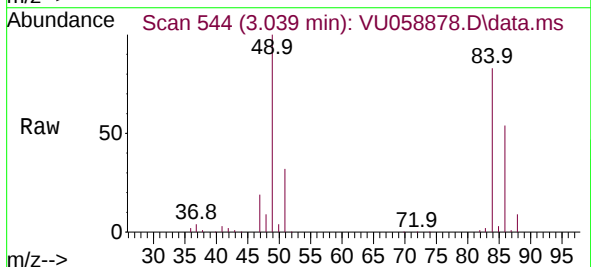
Tgt Ion: 84 Resp: 128624

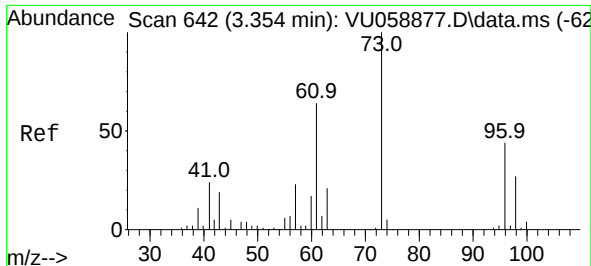
Ion Ratio Lower Upper

84 100

86 65.3 42.1 78.1

49 120.9 80.6 149.8





#17

Methyl tert-butyl Ether

Concen: 10.913 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

ClientSampleId :

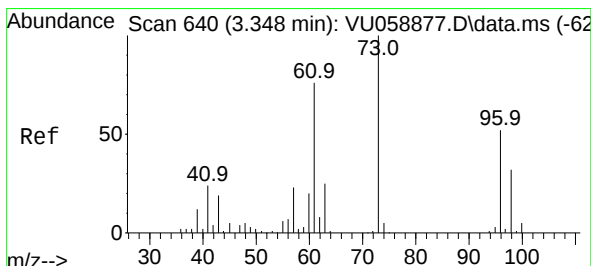
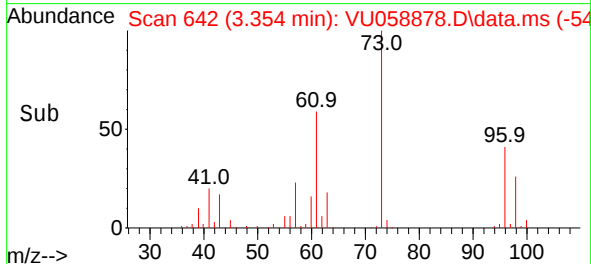
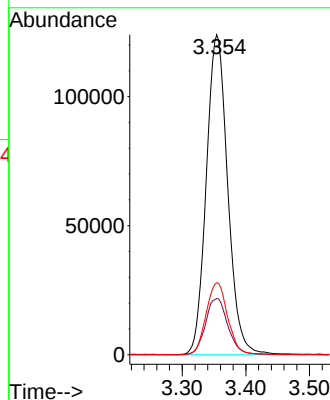
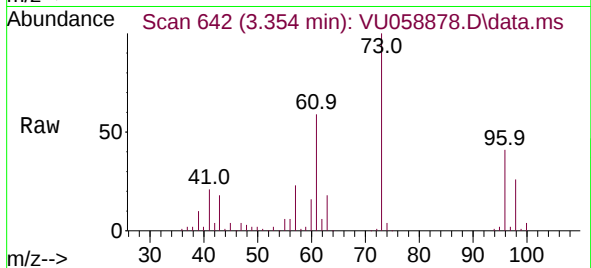
Tgt Ion: 73 Resp: 290214

Ion Ratio Lower Upper

73 100

43 18.5 14.9 22.3

57 22.7 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 10.780 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

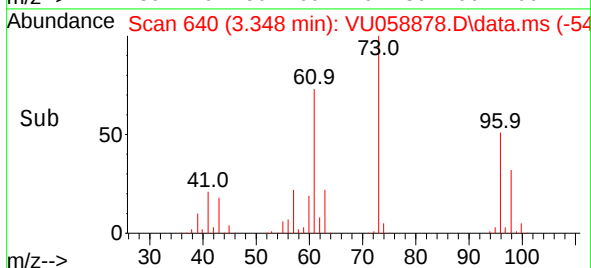
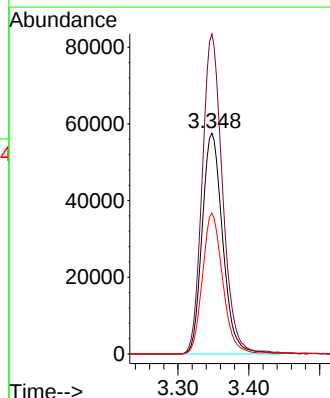
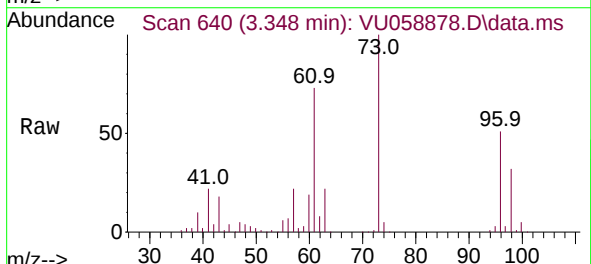
Tgt Ion: 96 Resp: 115890

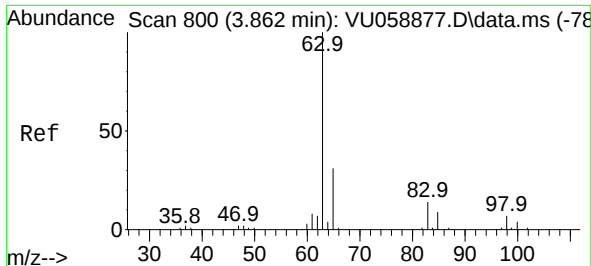
Ion Ratio Lower Upper

96 100

61 144.9 101.8 189.0

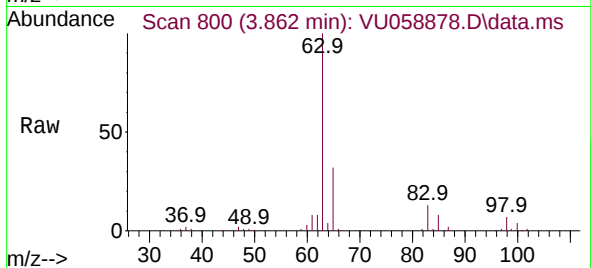
98 63.7 43.3 80.5



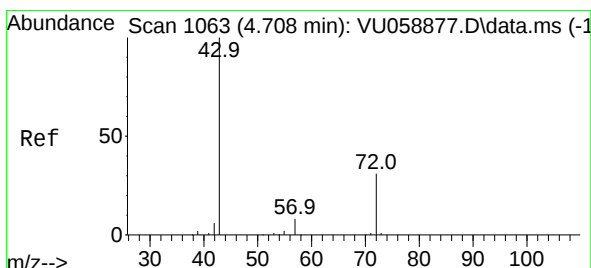
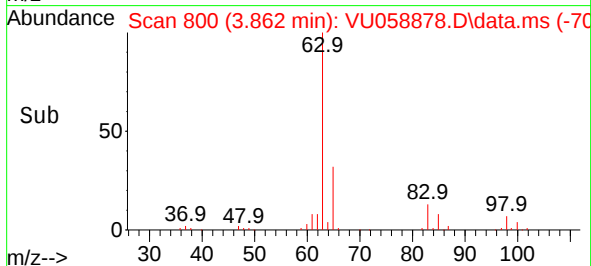
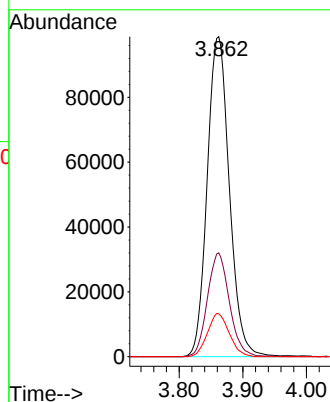


#19
1,1-Dichloroethane
Concen: 10.771 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Instrument :
MSVOA_U
ClientSampleId :

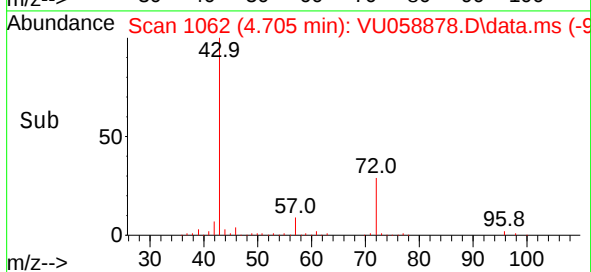
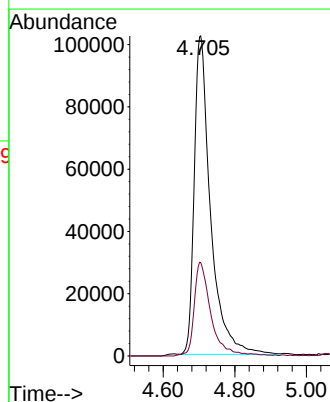
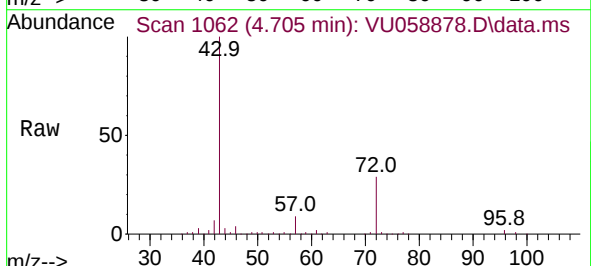


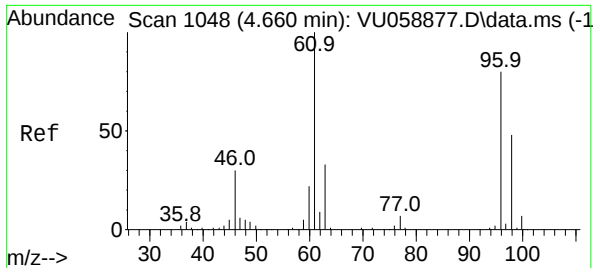
Tgt Ion: 63 Resp: 238581
Ion Ratio Lower Upper
63 100
65 32.5 21.8 40.6
83 13.4 9.9 18.5



#21
2-Butanone
Concen: 112.729 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion: 43 Resp: 322377
Ion Ratio Lower Upper
43 100
72 29.7 13.8 41.4

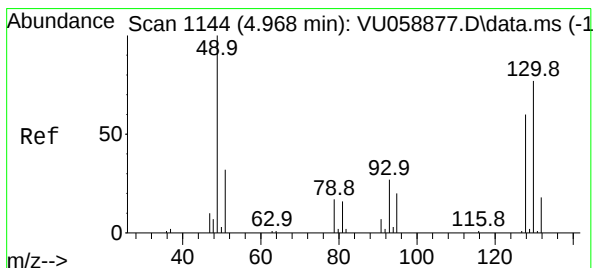
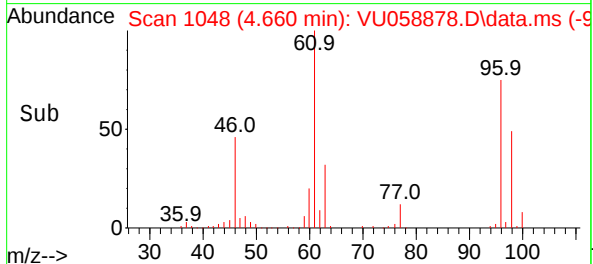
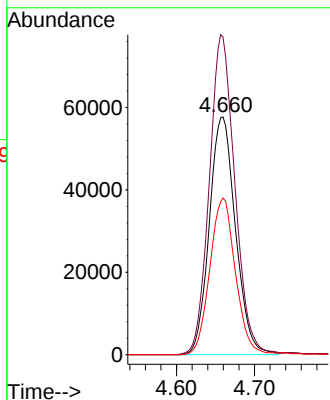
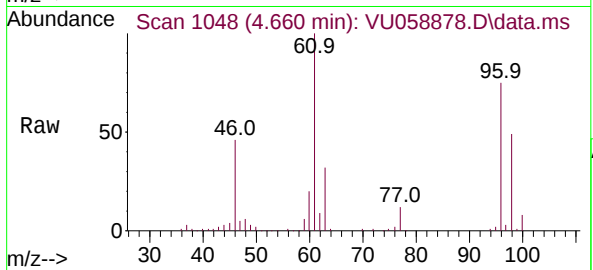




#22
cis-1,2-Dichloroethene
Concen: 10.740 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

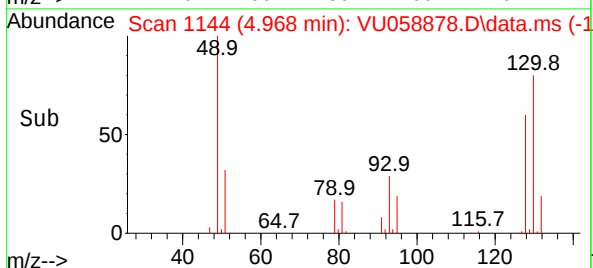
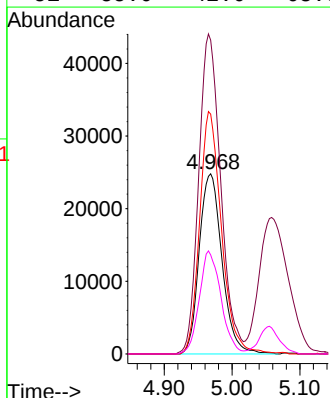
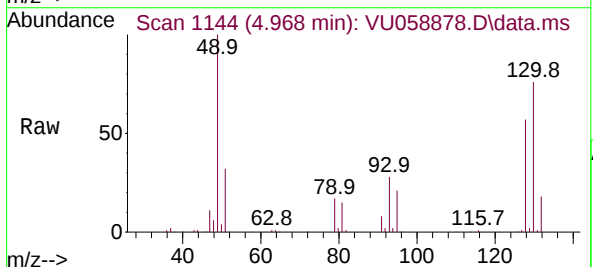
Instrument :
MSVOA_U
ClientSampleId :

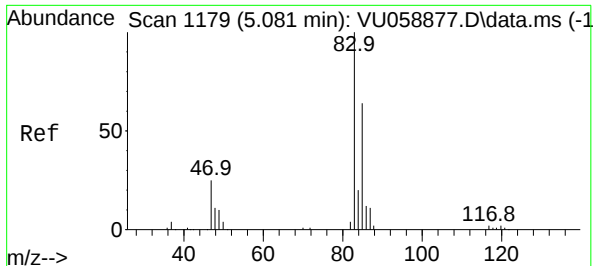
Tgt Ion: 96 Resp: 134976
Ion Ratio Lower Upper
96 100
61 133.5 87.4 162.2
98 65.8 42.3 78.5



#23
Bromochloromethane
Concen: 10.746 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion:128 Resp: 58003
Ion Ratio Lower Upper
128 100
49 174.2 117.0 217.4
130 133.2 89.6 166.4
51 55.0 42.0 63.0





#25

Chloroform

Concen: 10.771 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

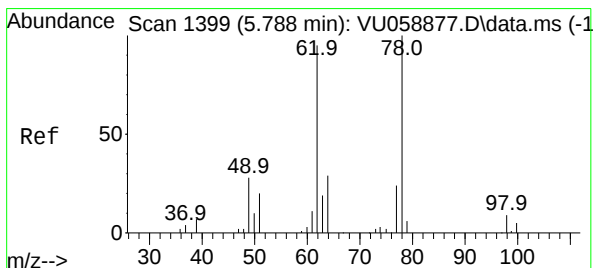
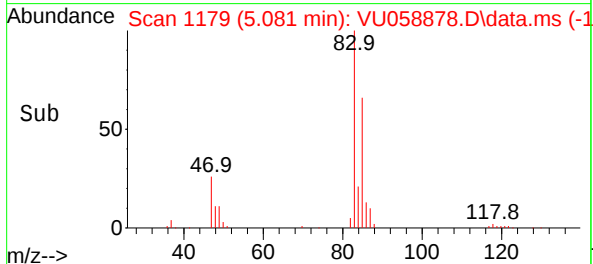
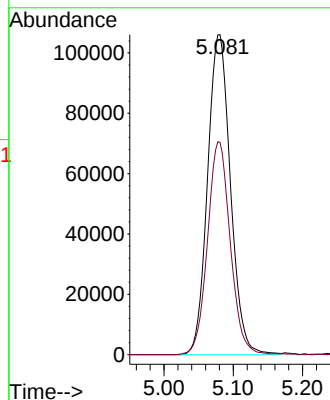
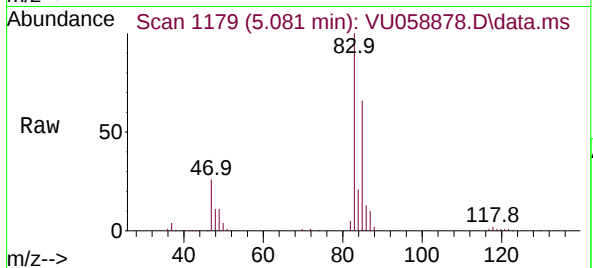
ClientSampleId :

Tgt Ion: 83 Resp: 243359

Ion Ratio Lower Upper

83 100

85 66.4 44.7 83.1



#27

1,2-Dichloroethane

Concen: 10.934 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU058878.D

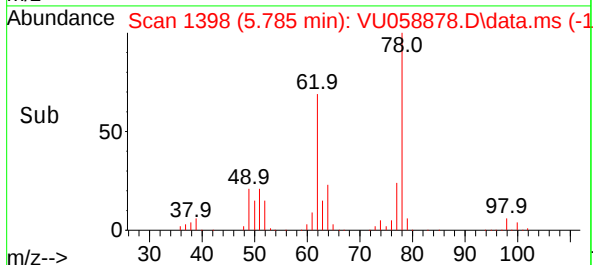
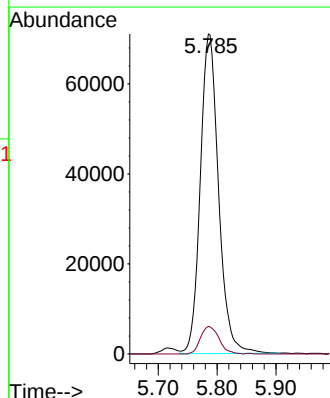
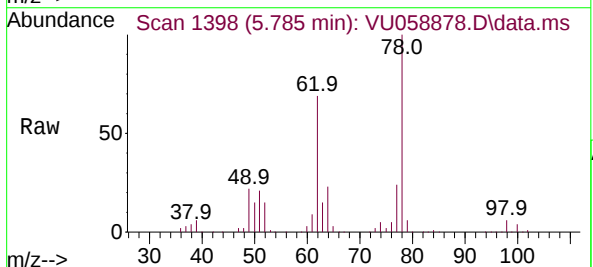
Acq: 14 May 2024 11:07

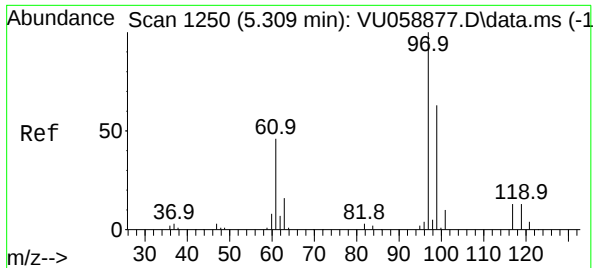
Tgt Ion: 62 Resp: 153172

Ion Ratio Lower Upper

62 100

98 8.6 7.5 11.3

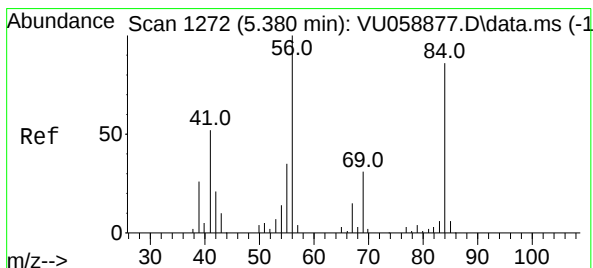
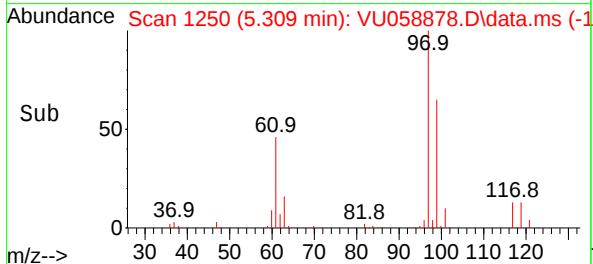
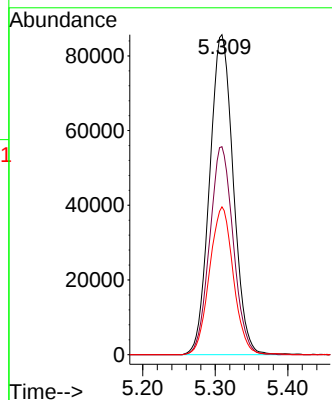
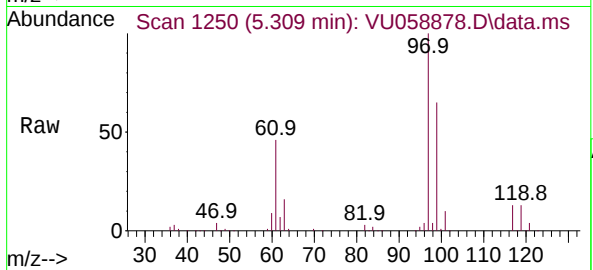




#29
1,1,1-Trichloroethane
Concen: 10.894 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

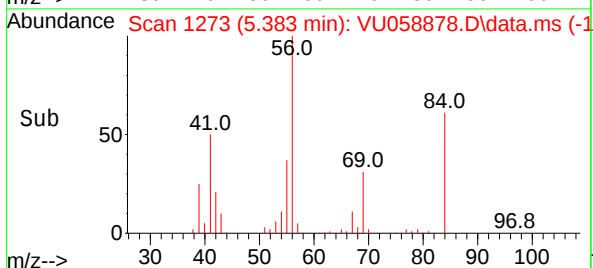
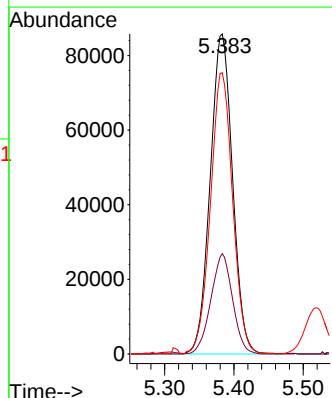
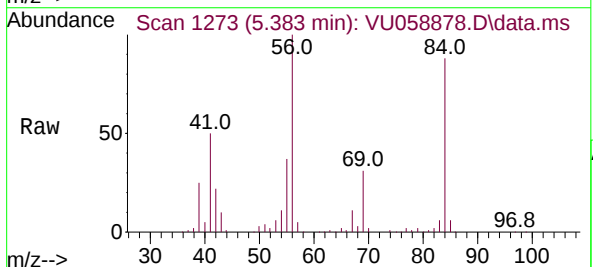
Instrument :
MSVOA_U
ClientSampleId :

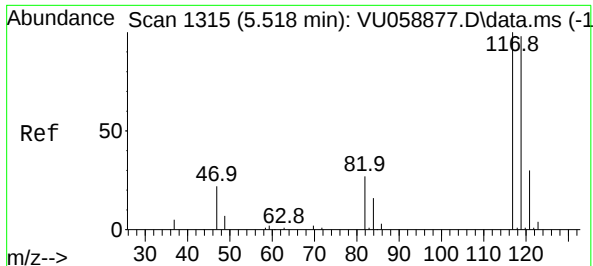
Tgt Ion: 97 Resp: 194391
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 46.5 37.4 56.2



#30
Cyclohexane
Concen: 11.241 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion: 56 Resp: 192247
Ion Ratio Lower Upper
56 100
69 30.3 24.8 37.2
84 87.3 69.8 104.8

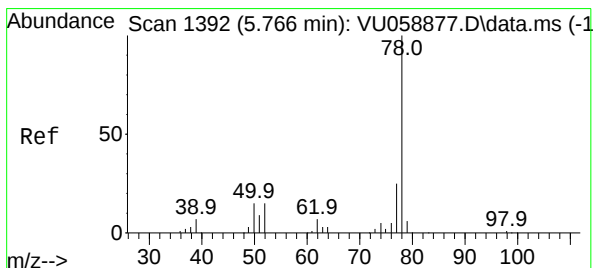
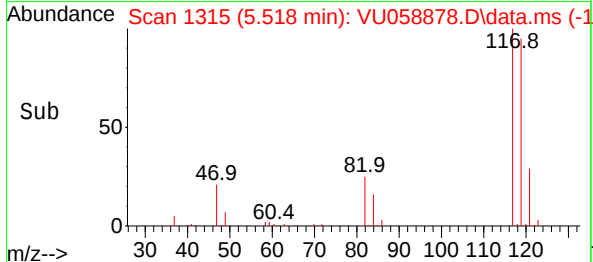
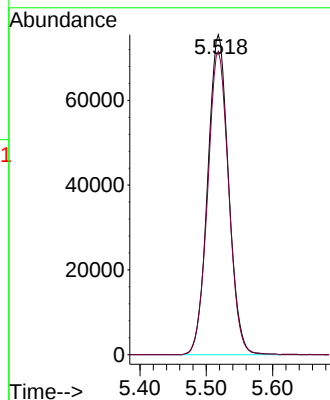
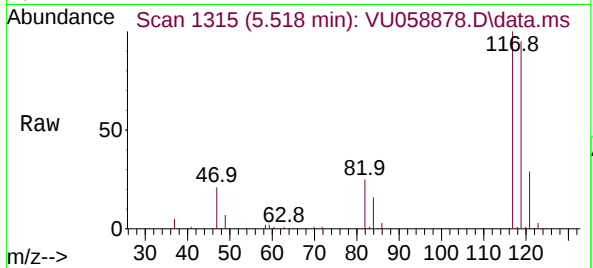




#31
Carbon tetrachloride
Concen: 11.091 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

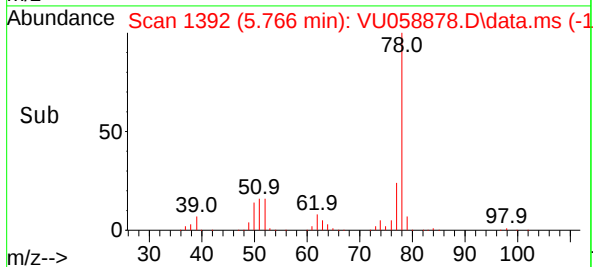
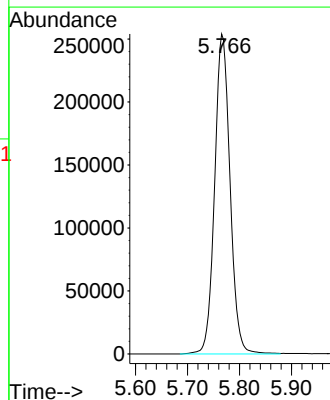
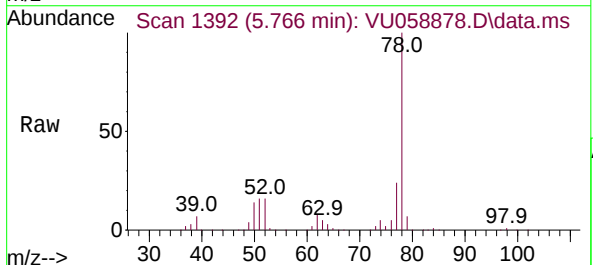
Instrument :
MSVOA_U
ClientSampleId :

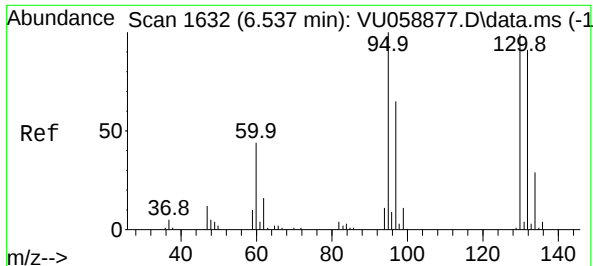
Tgt Ion:117 Resp: 164820
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 10.889 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion: 78 Resp: 522585





#34

Trichloroethene

Concen: 10.970 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 138424

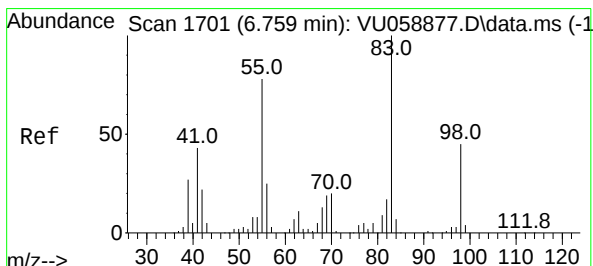
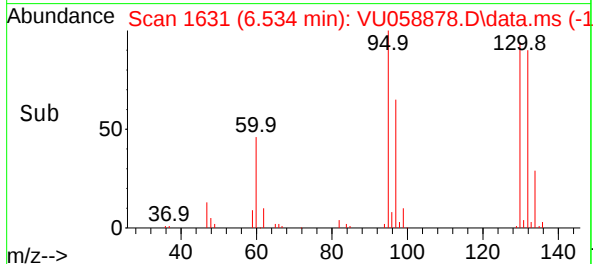
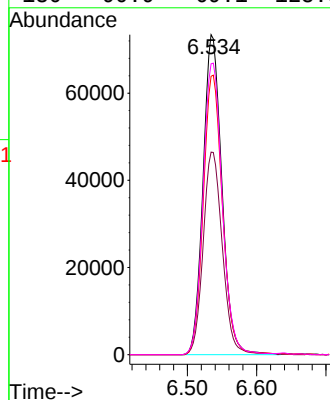
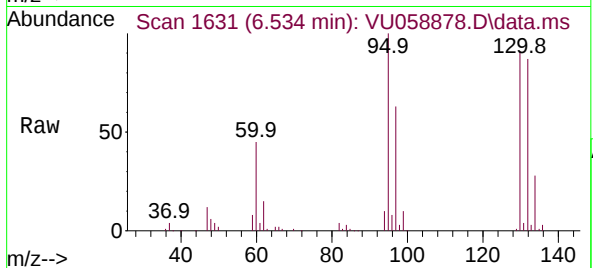
Ion Ratio Lower Upper

95 100

97 63.3 45.3 84.1

132 87.0 64.0 119.0

130 90.9 69.1 128.3



#35

Methylcyclohexane

Concen: 11.532 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

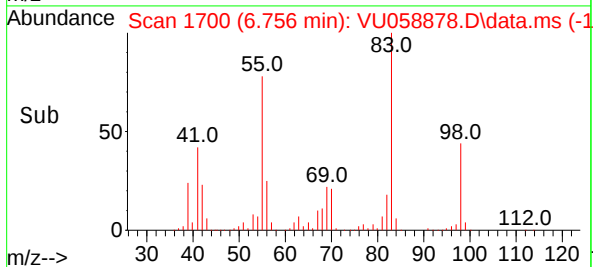
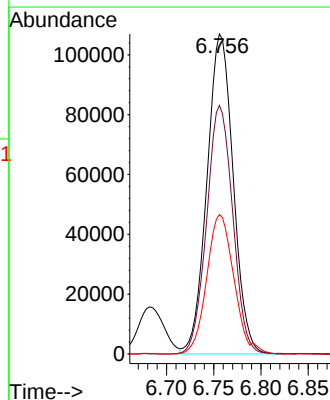
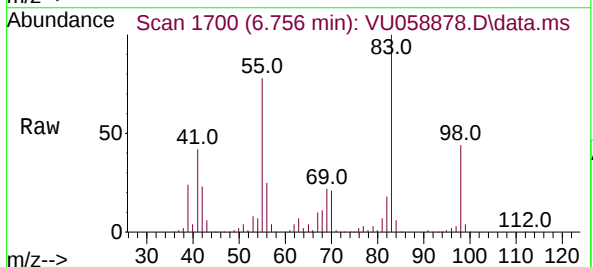
Tgt Ion: 83 Resp: 206616

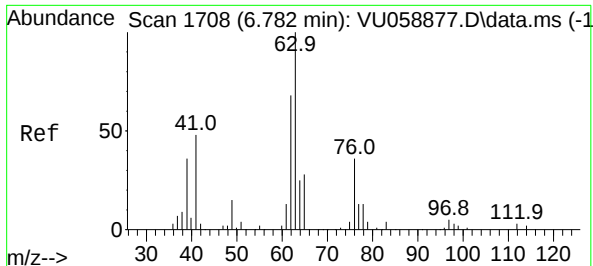
Ion Ratio Lower Upper

83 100

55 77.2 62.7 94.1

98 45.1 35.4 53.0

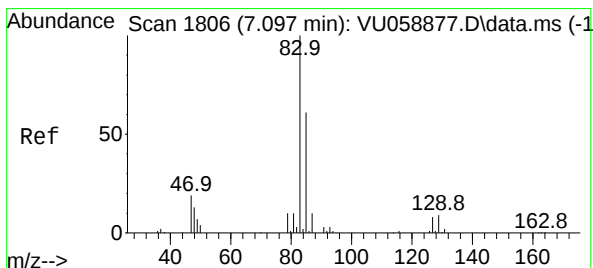
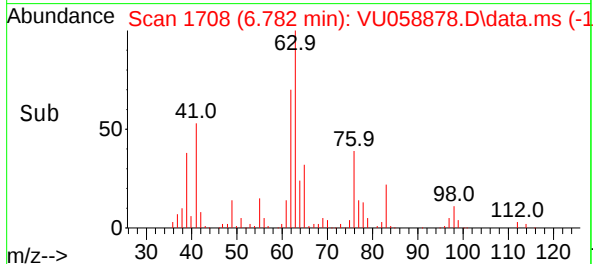
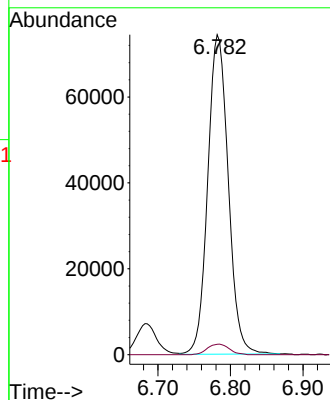
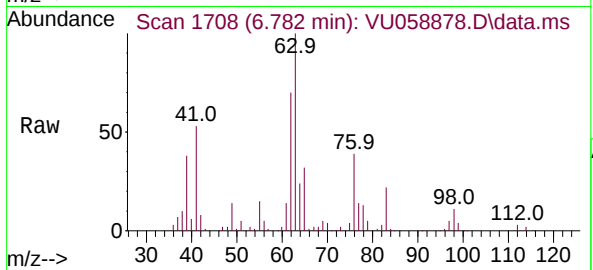




#37
1,2-Dichloropropane
Concen: 10.737 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

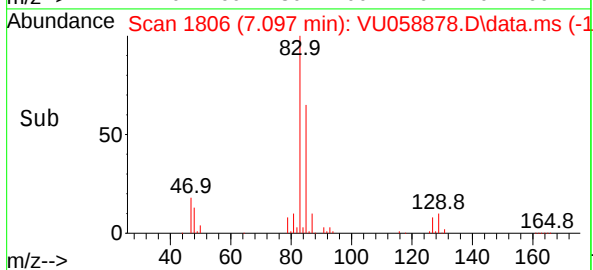
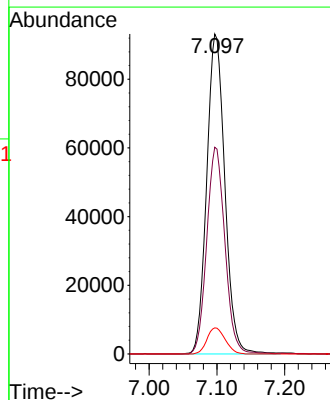
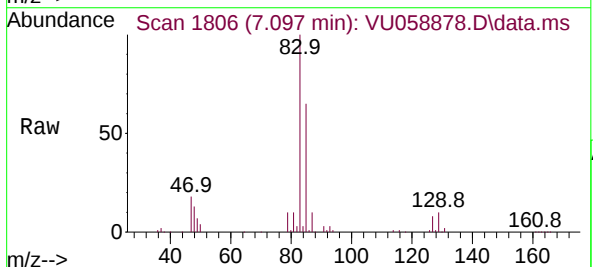
Instrument :
MSVOA_U
ClientSampleId :

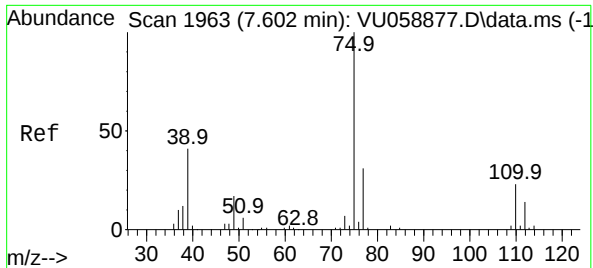
Tgt Ion: 63 Resp: 146165
Ion Ratio Lower Upper
63 100
112 3.5 2.6 3.8



#38
Bromodichloromethane
Concen: 10.795 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion: 83 Resp: 173019
Ion Ratio Lower Upper
83 100
85 64.6 42.7 79.3
127 8.1 6.1 9.1

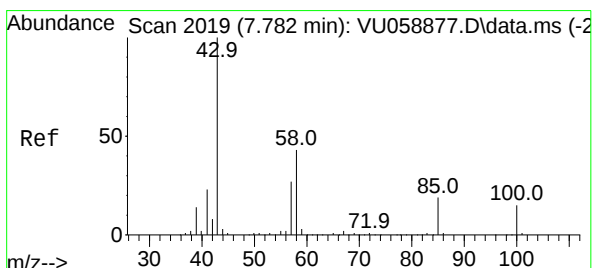
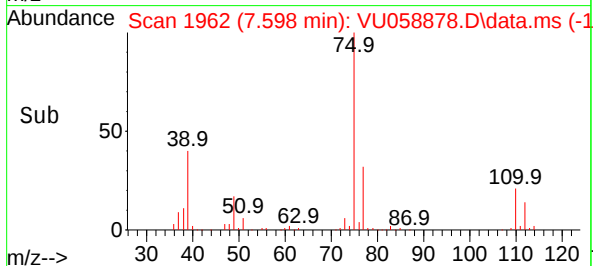
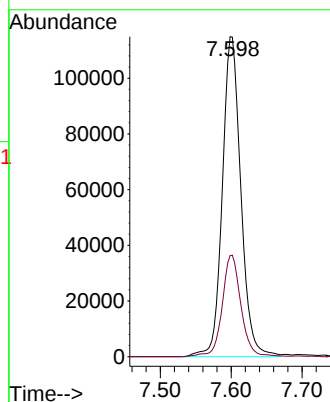
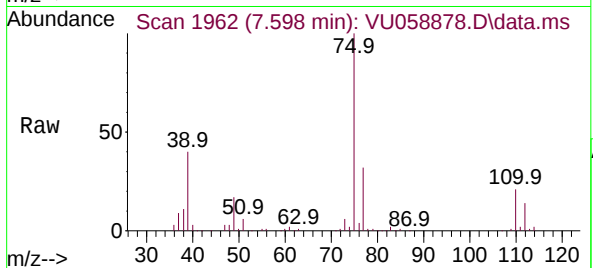




#39
 cis-1,3-Dichloropropene
 Concen: 11.277 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU058878.D
 Acq: 14 May 2024 11:07

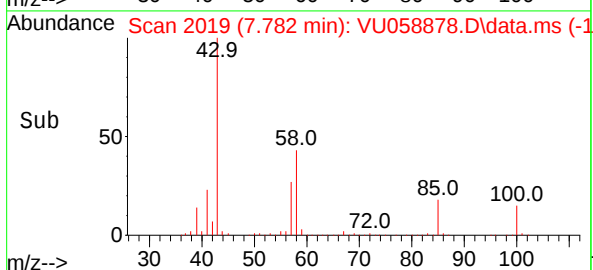
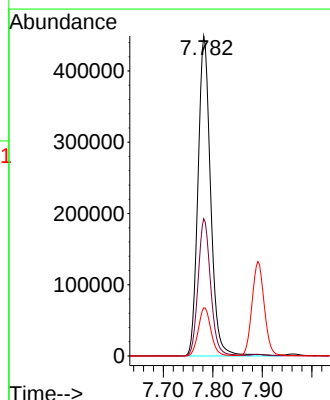
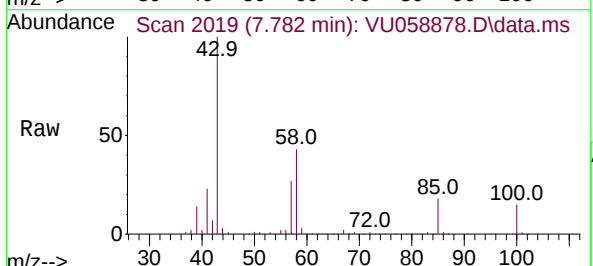
Instrument :
 MSVOA_U
 ClientSampleId :

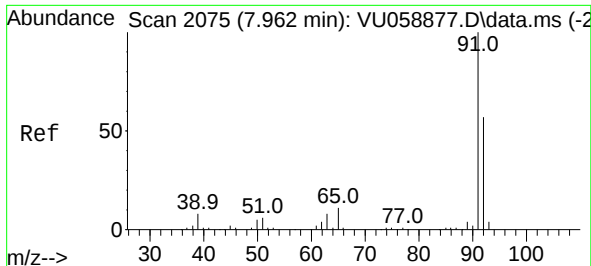
Tgt Ion: 75 Resp: 208851
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 109.836 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058878.D
 Acq: 14 May 2024 11:07

Tgt Ion: 43 Resp: 800736
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.0 51.0
 100 15.2 12.1 18.1





#42

Toluene

Concen: 11.127 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

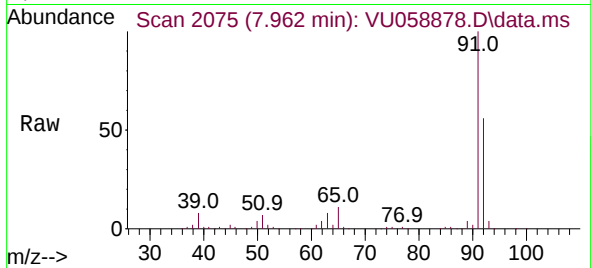
Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

ClientSampleId :

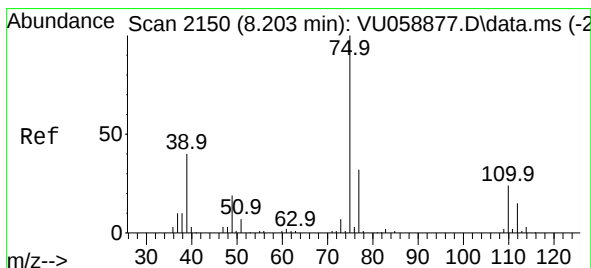
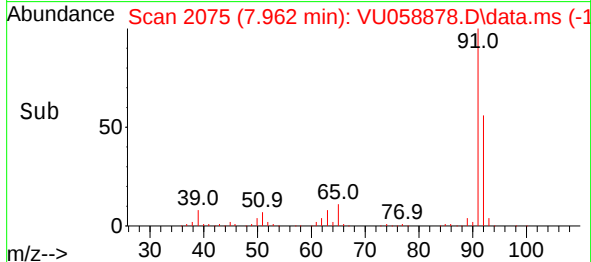
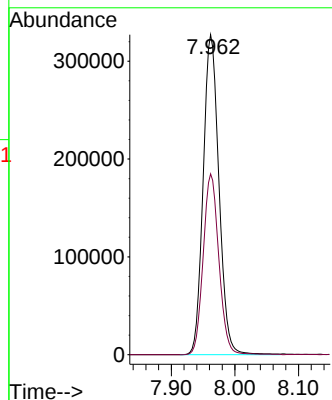


Tgt Ion: 91 Resp: 562842

Ion Ratio Lower Upper

91 100

92 56.5 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 10.946 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058878.D

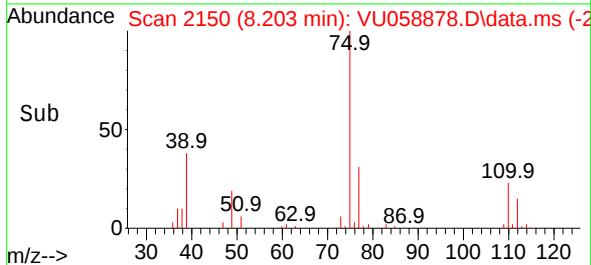
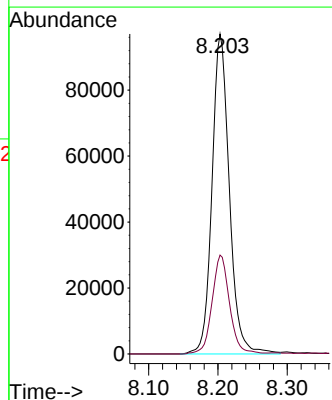
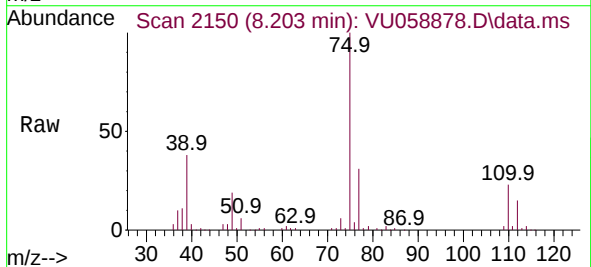
Acq: 14 May 2024 11:07

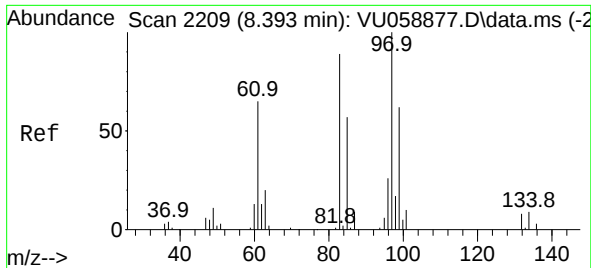
Tgt Ion: 75 Resp: 168458

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0

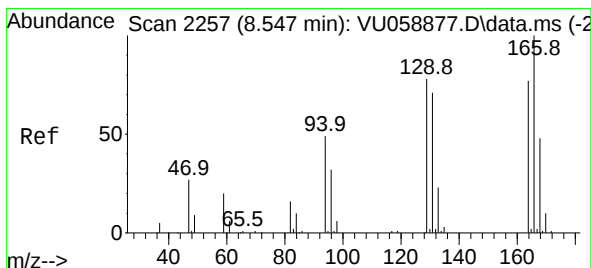
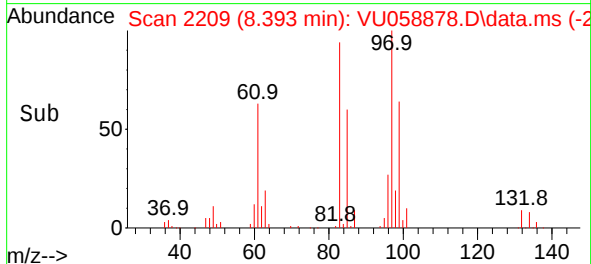
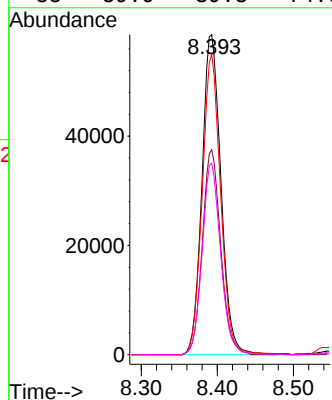
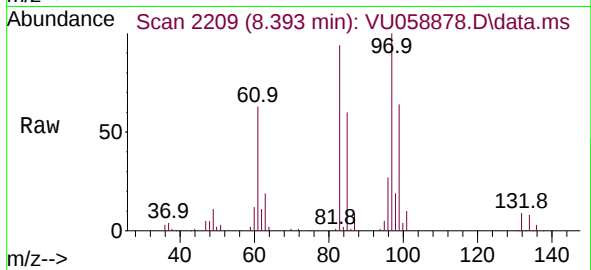




#45
1,1,2-Trichloroethane
Concen: 10.945 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

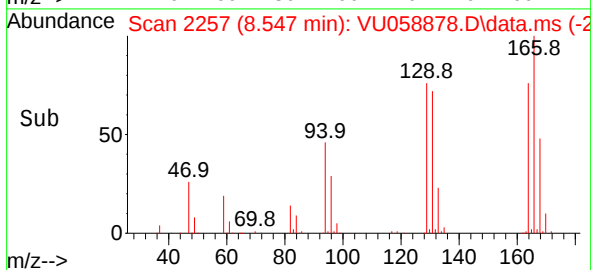
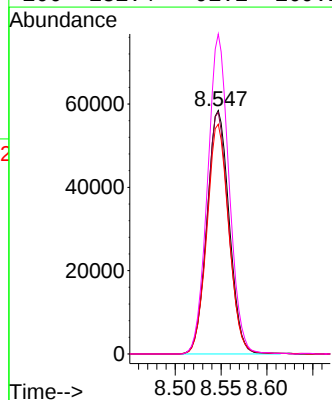
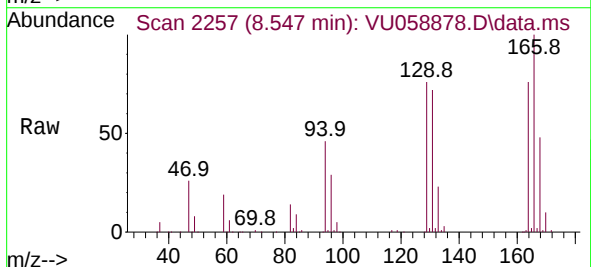
Instrument :
MSVOA_U
ClientSampleId :

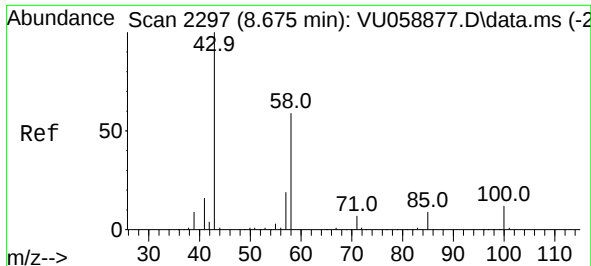
Tgt Ion:	97	Resp:	101467
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.3	80.3
83	93.9	62.3	115.7
85	59.9	39.8	74.0



#47
Tetrachloroethene
Concen: 11.271 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

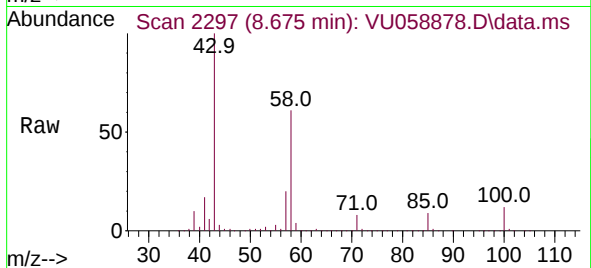
Tgt Ion:	164	Resp:	98639
Ion	Ratio	Lower	Upper
164	100		
129	99.3	70.8	131.4
131	94.4	64.8	120.3
166	131.4	91.1	169.1



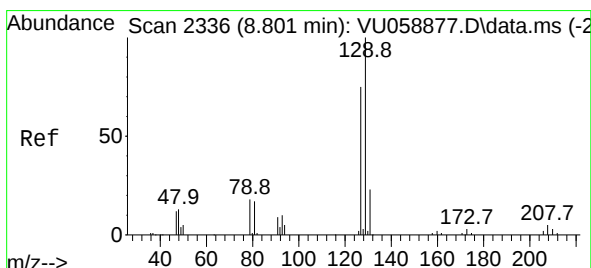
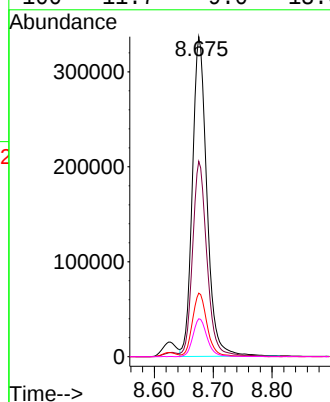
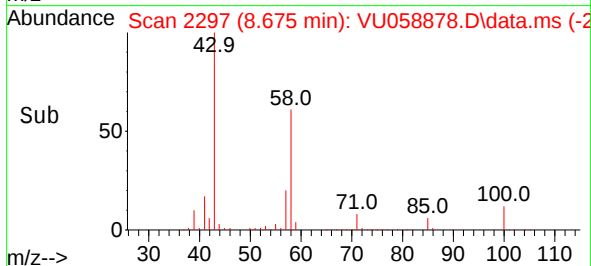


#48
2-Hexanone
Concen: 107.142 ug/L
RT: 8.675 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Instrument :
MSVOA_U
ClientSampleId :

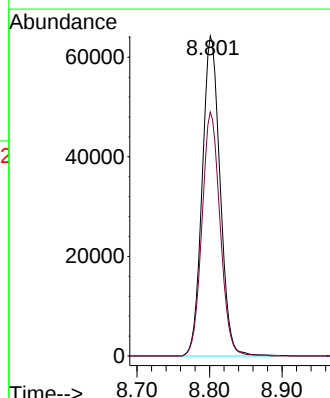
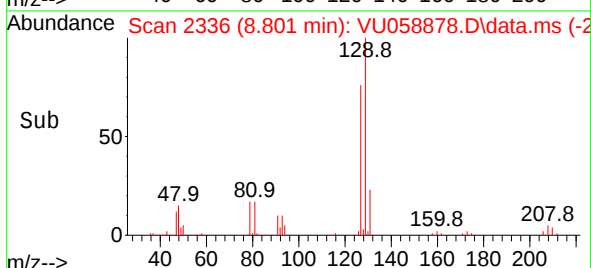
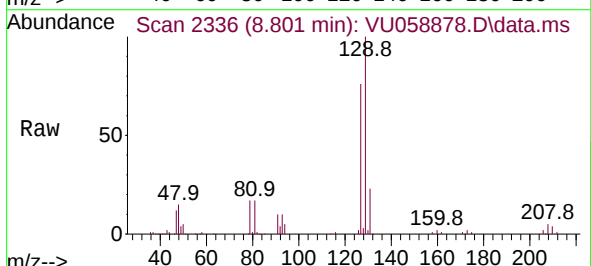


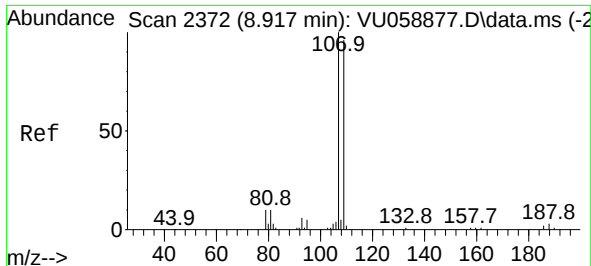
Tgt Ion: 43 Resp: 577003
Ion Ratio Lower Upper
43 100
58 59.5 46.1 69.1
57 20.4 15.5 23.3
100 11.7 9.0 13.6



#49
Dibromochloromethane
Concen: 10.889 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion:129 Resp: 109985
Ion Ratio Lower Upper
129 100
127 76.2 52.5 97.5

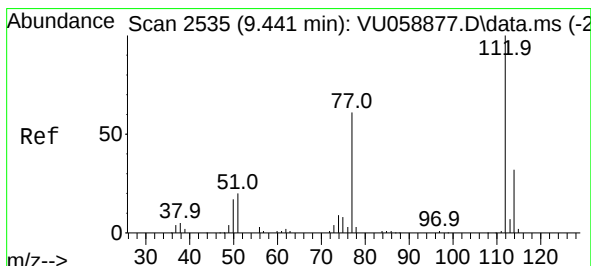
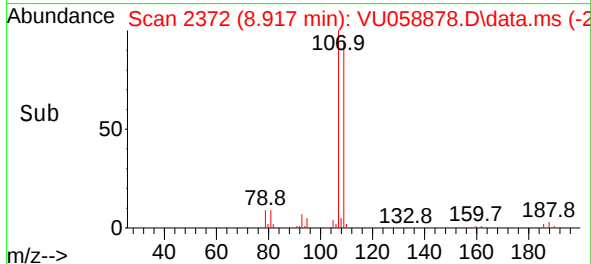
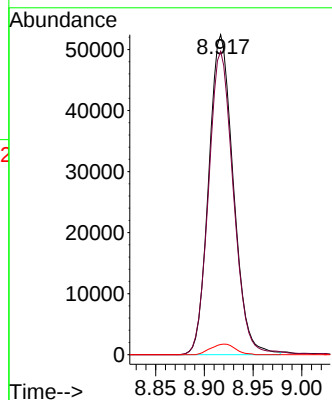
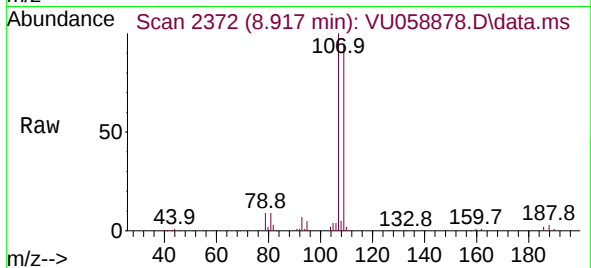




#50
1,2-Dibromoethane
Concen: 10.506 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

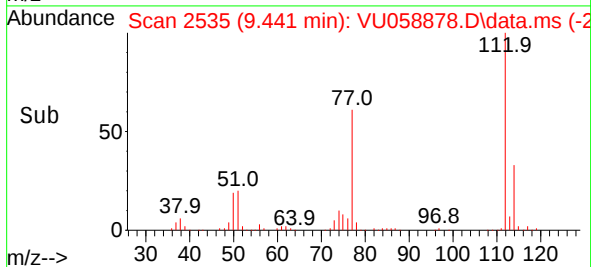
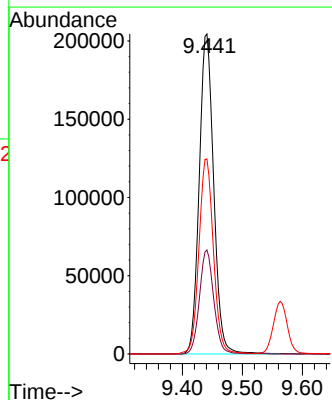
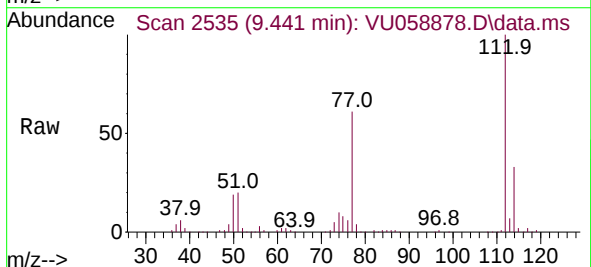
Instrument :
MSVOA_U
ClientSampleId :

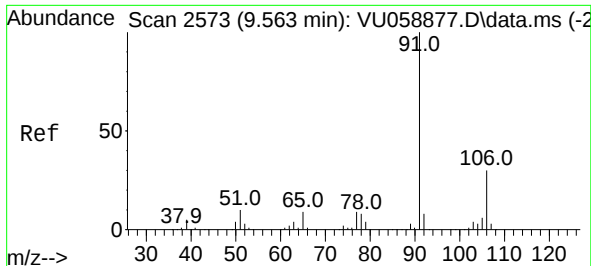
Tgt Ion:107 Resp: 92200
Ion Ratio Lower Upper
107 100
109 94.8 66.9 124.3
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 10.788 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion:112 Resp: 344360
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 61.0 49.1 73.7

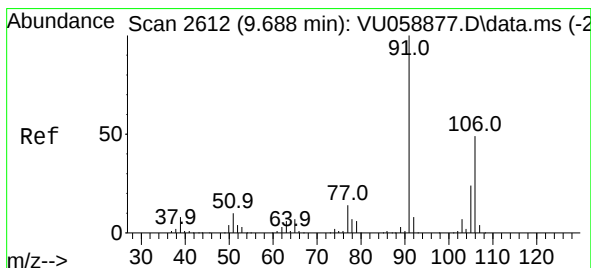
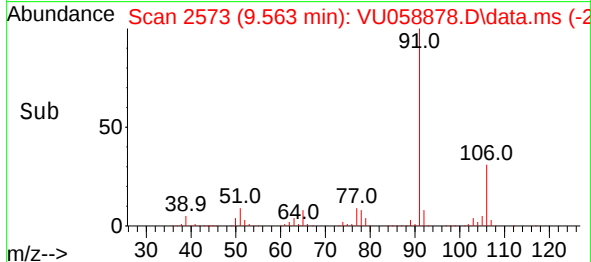
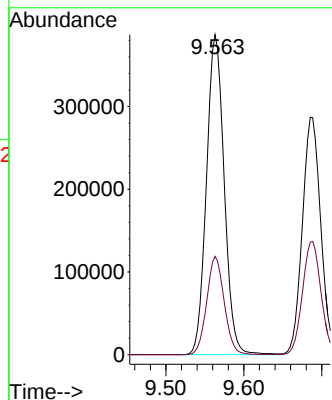
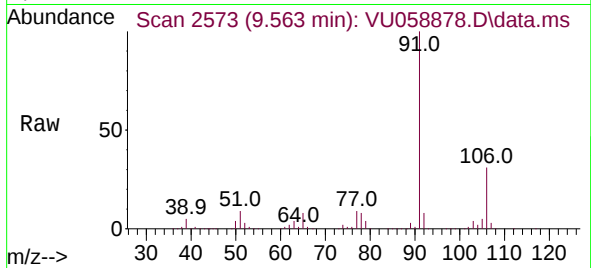




#52
Ethylbenzene
Concen: 11.186 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

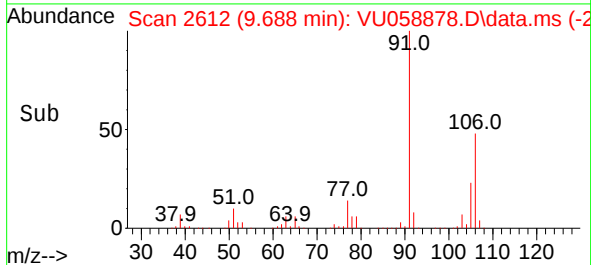
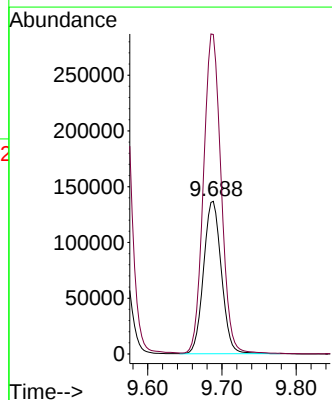
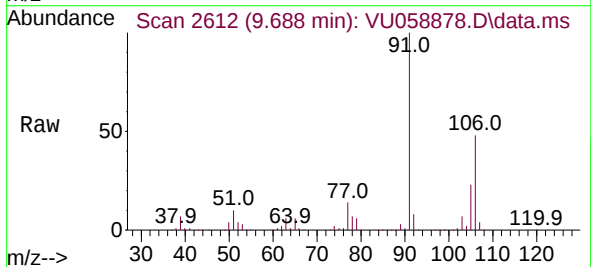
Instrument :
MSVOA_U
ClientSampleId :

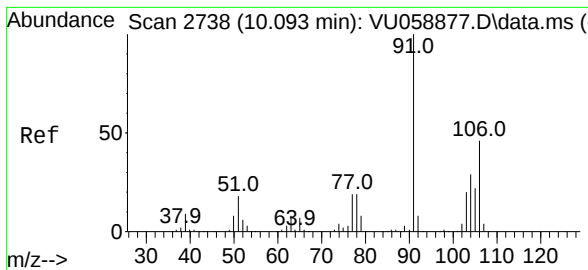
Tgt Ion: 91 Resp: 611976
Ion Ratio Lower Upper
91 100
106 30.7 20.9 38.7



#53
m,p-Xylene
Concen: 11.168 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion:106 Resp: 227800
Ion Ratio Lower Upper
106 100
91 209.3 142.0 263.8

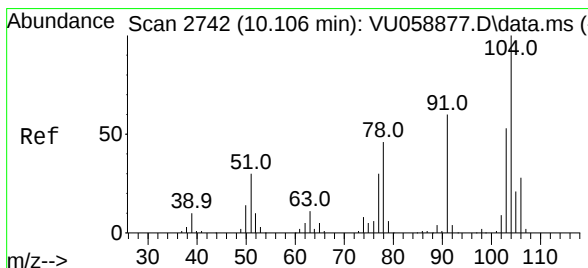
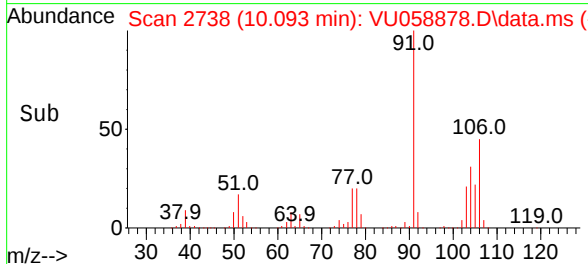
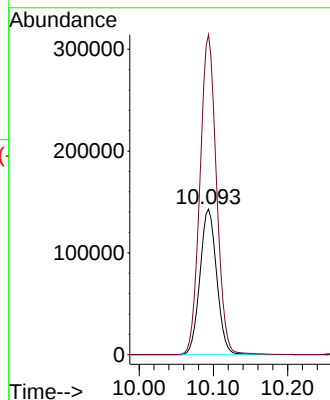
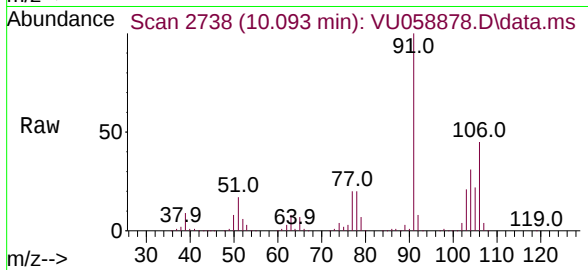




#54
o-Xylene
Concen: 11.442 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

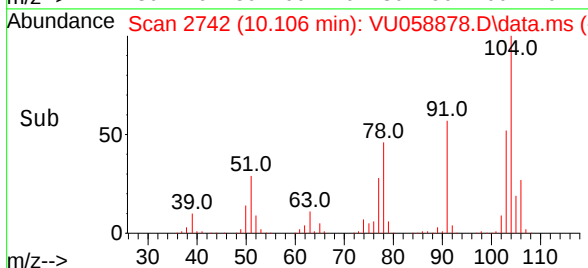
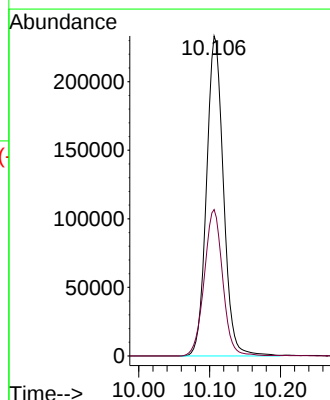
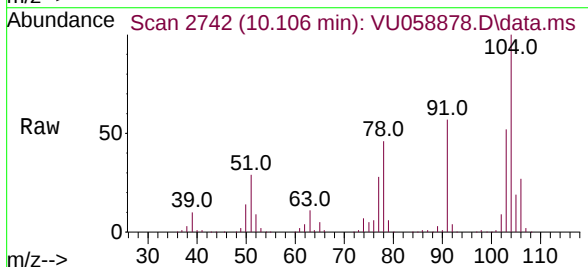
Instrument :
MSVOA_U
ClientSampleId :

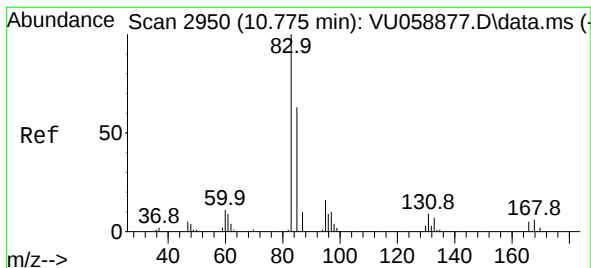
Tgt Ion:106 Resp: 224370
Ion Ratio Lower Upper
106 100
91 219.9 151.6 281.6



#55
Styrene
Concen: 11.484 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

Tgt Ion:104 Resp: 388036
Ion Ratio Lower Upper
104 100
78 45.7 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 10.916 ug/L

RT: 10.772 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

ClientSampleId :

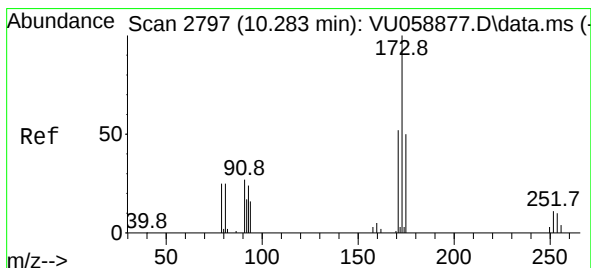
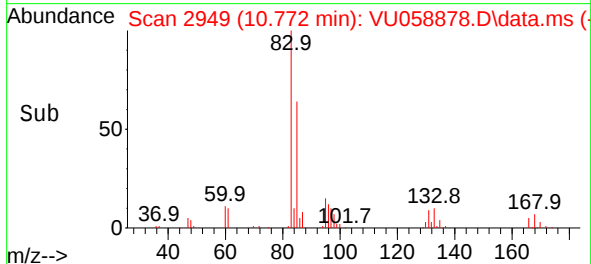
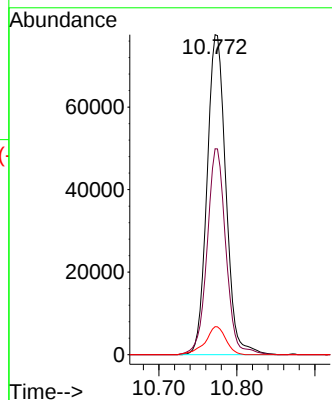
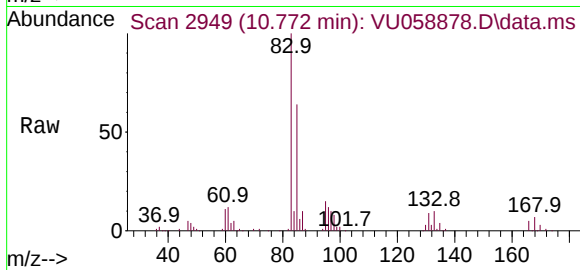
Tgt Ion: 83 Resp: 130034

Ion Ratio Lower Upper

83 100

85 64.4 44.7 82.9

131 8.8 6.9 10.3



#59

Bromoform

Concen: 10.861 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

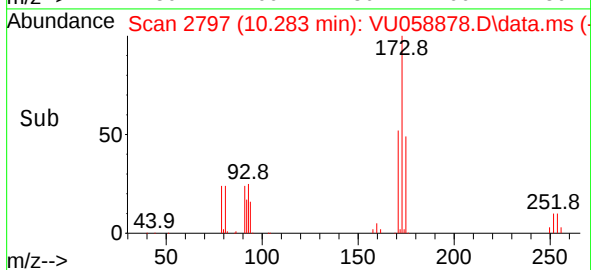
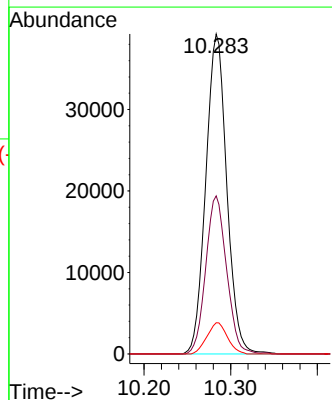
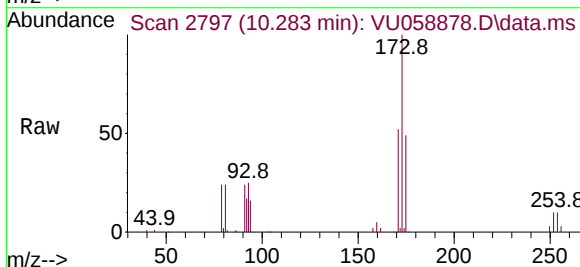
Tgt Ion:173 Resp: 66036

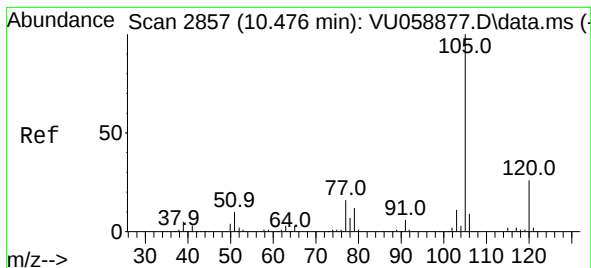
Ion Ratio Lower Upper

173 100

175 49.0 39.4 59.2

254 9.5 7.4 11.2





#60

Isopropylbenzene

Concen: 11.403 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

ClientSampleId :

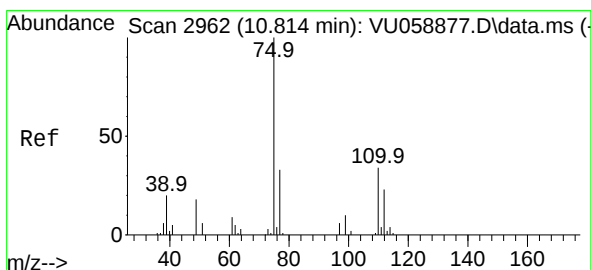
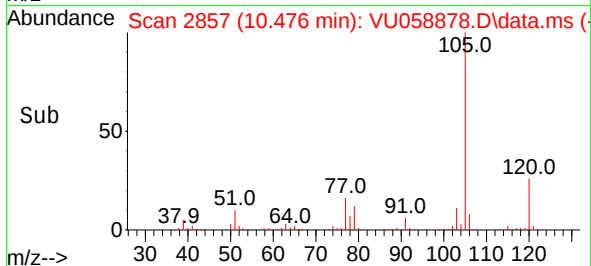
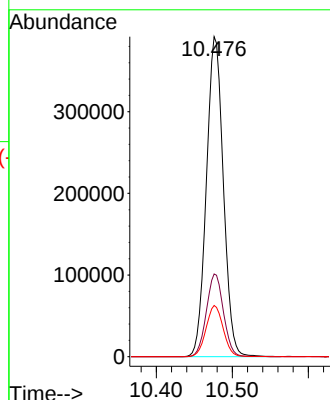
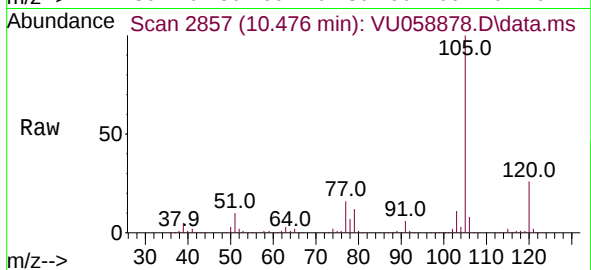
Tgt Ion:105 Resp: 607082

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.1 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 10.710 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

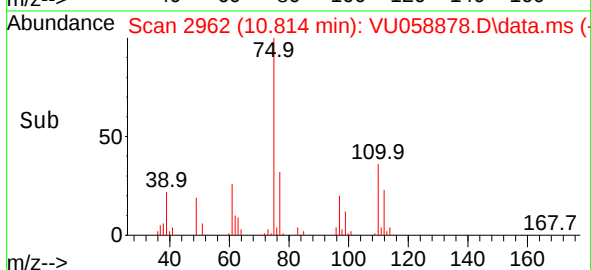
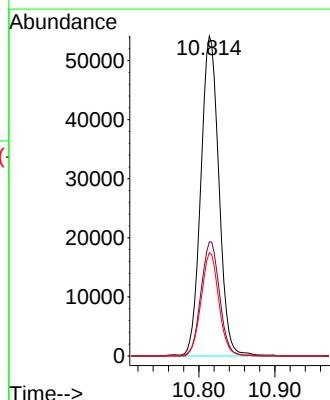
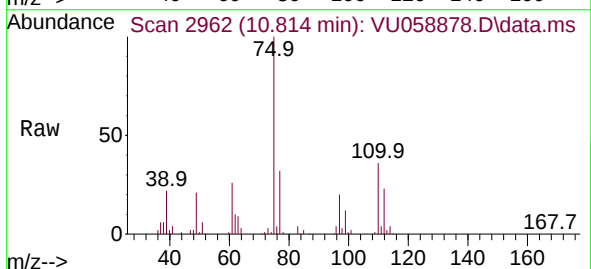
Tgt Ion: 75 Resp: 89273

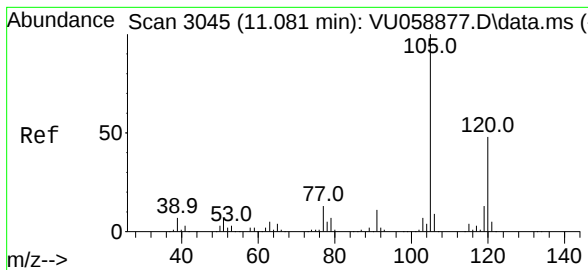
Ion Ratio Lower Upper

75 100

110 36.4 27.1 40.7

77 31.8 25.4 38.2

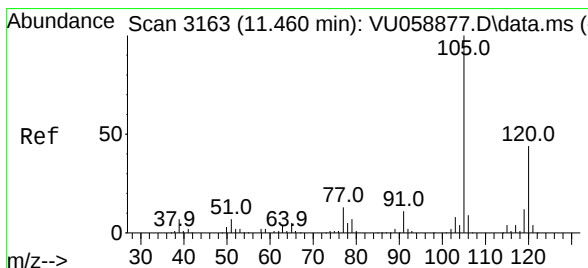
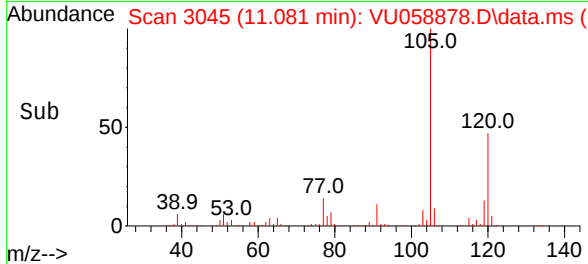
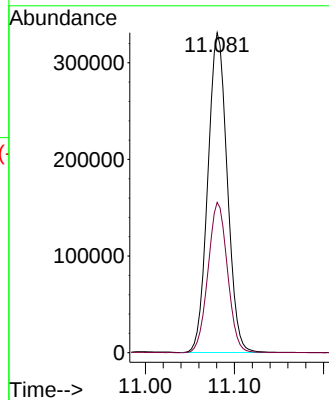
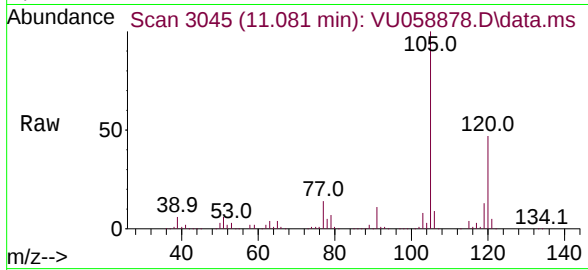




#62
 1,3,5-Trimethylbenzene
 Concen: 11.588 ug/L
 RT: 11.081 min Scan# 3045
 Delta R.T. 0.000 min
 Lab File: VU058878.D
 Acq: 14 May 2024 11:07

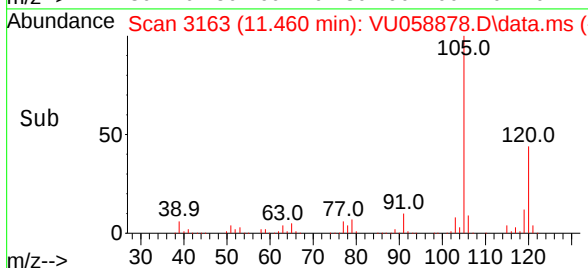
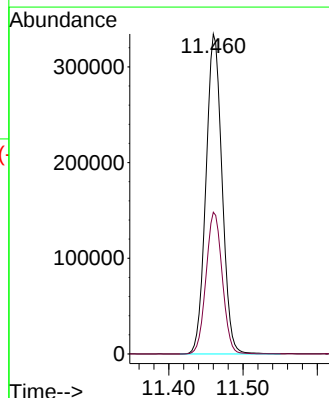
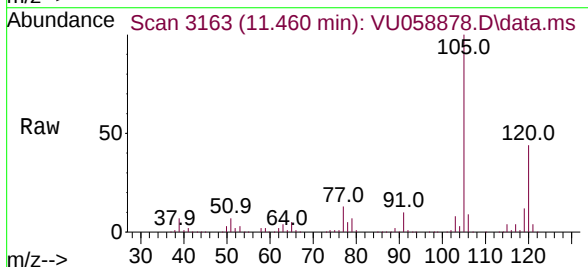
Instrument :
 MSVOA_U
 ClientSampleId :

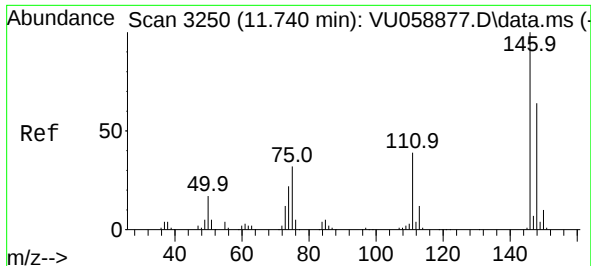
Tgt Ion:105 Resp: 498763
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 11.688 ug/L
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VU058878.D
 Acq: 14 May 2024 11:07

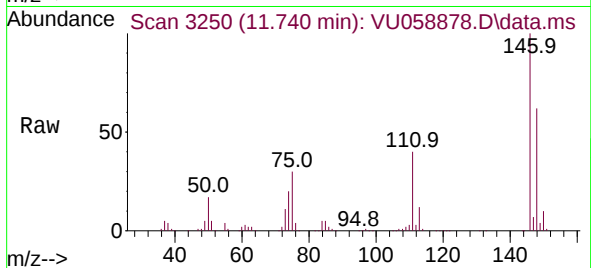
Tgt Ion:105 Resp: 502763
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.4 53.0



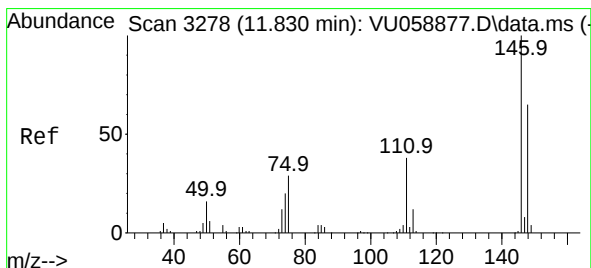
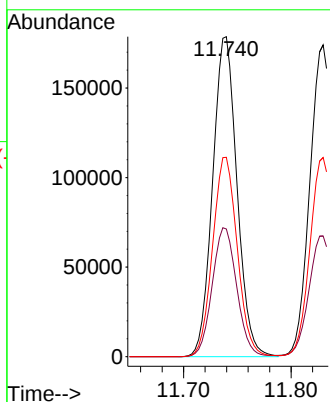
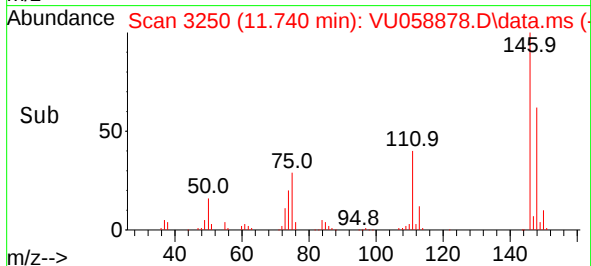


#64
1,3-Dichlorobenzene
Concen: 10.859 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07

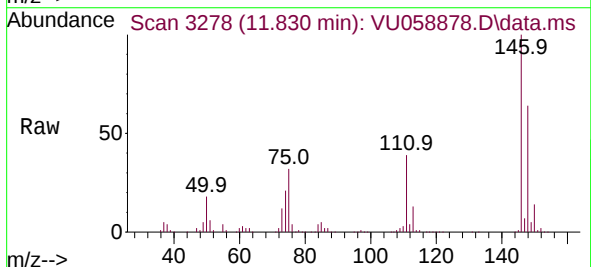
Instrument :
MSVOA_U
ClientSampleId :



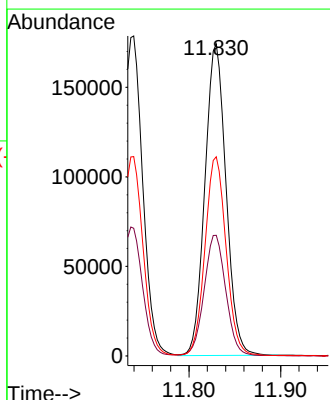
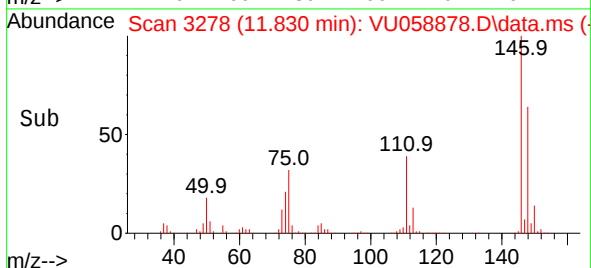
Tgt Ion:146 Resp: 280787
Ion Ratio Lower Upper
146 100
111 39.9 27.4 51.0
148 62.3 45.0 83.6

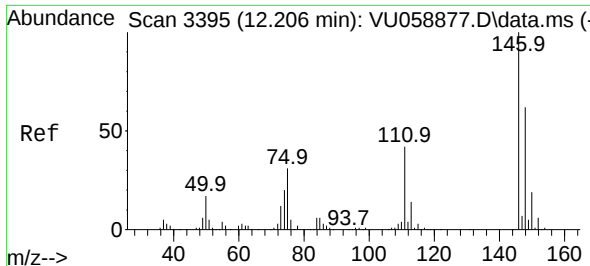


#65
1,4-Dichlorobenzene
Concen: 10.554 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058878.D
Acq: 14 May 2024 11:07



Tgt Ion:146 Resp: 278714
Ion Ratio Lower Upper
146 100
111 38.7 26.9 50.1
148 63.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 10.665 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

ClientSampleId :

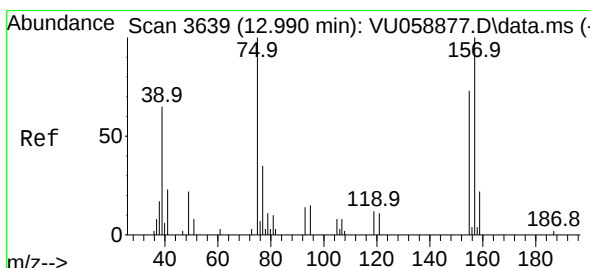
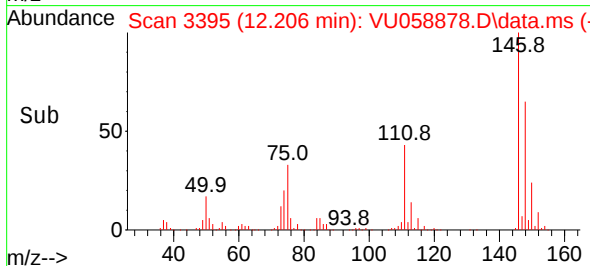
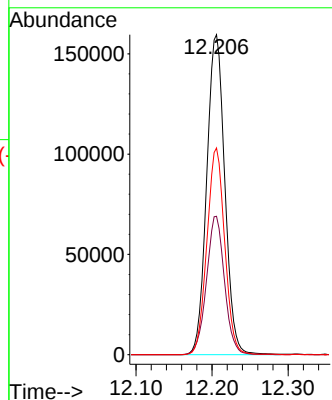
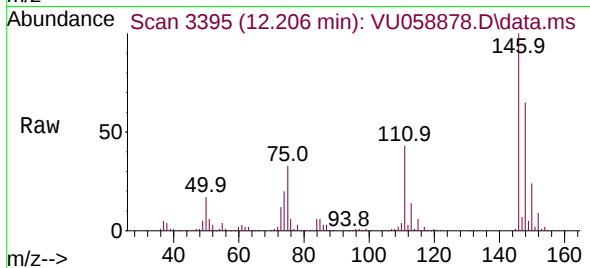
Tgt Ion:146 Resp: 263334

Ion Ratio Lower Upper

146 100

111 43.3 33.4 50.0

148 64.6 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 10.310 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

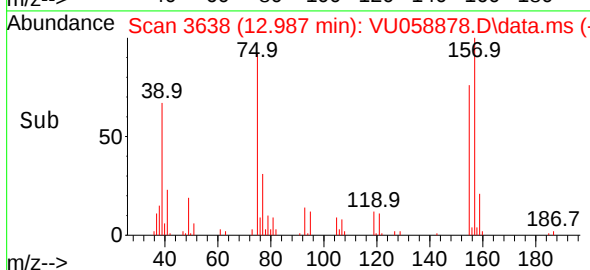
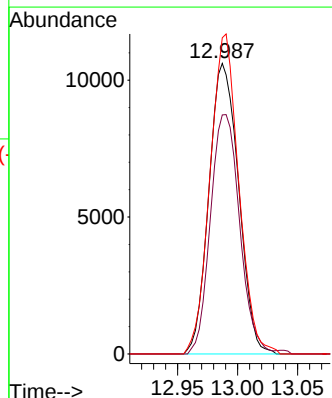
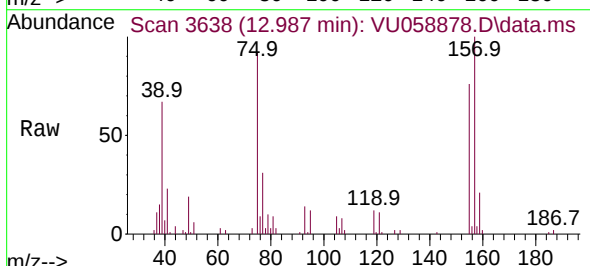
Tgt Ion: 75 Resp: 18231

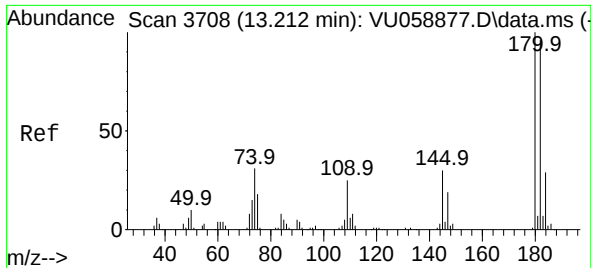
Ion Ratio Lower Upper

75 100

155 82.3 58.2 87.2

157 108.8 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 10.900 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.000 min

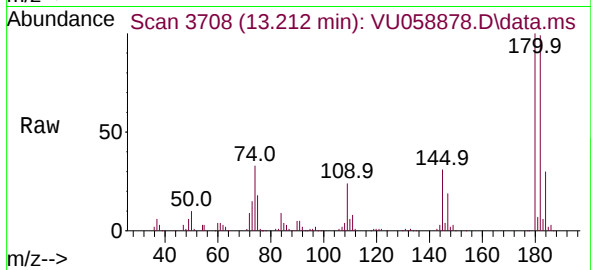
Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 212130

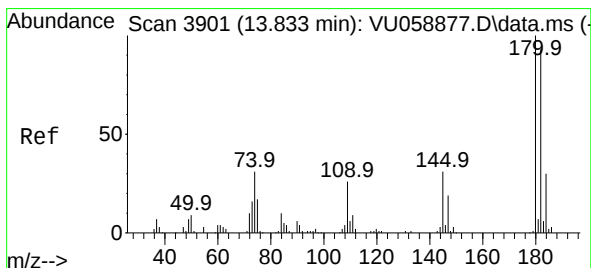
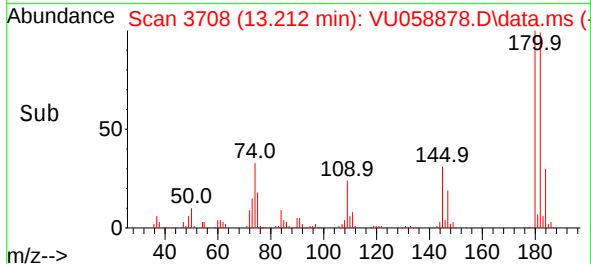
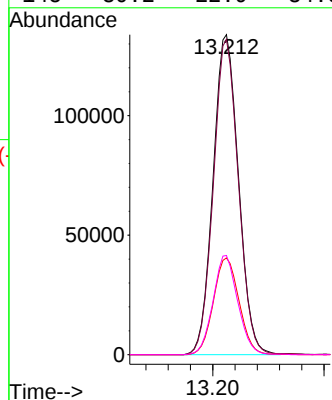
Ion Ratio Lower Upper

180 100

182 96.9 75.4 113.0

184 30.6 23.0 34.6

145 30.2 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 10.754 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

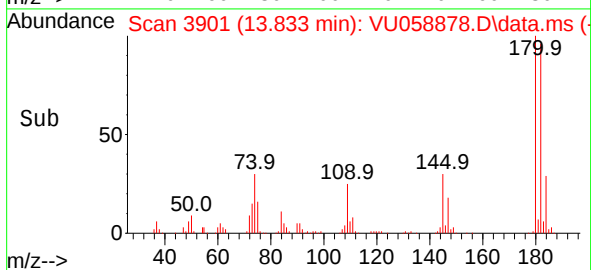
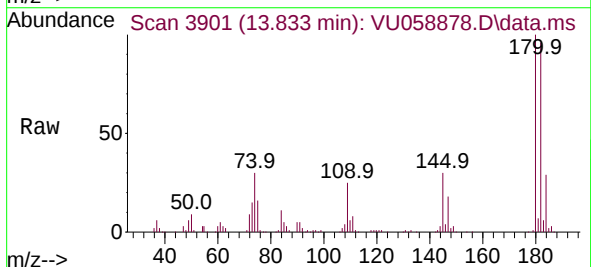
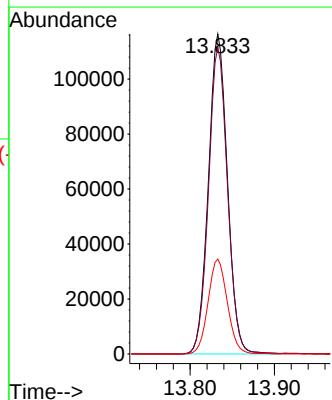
Tgt Ion:180 Resp: 183362

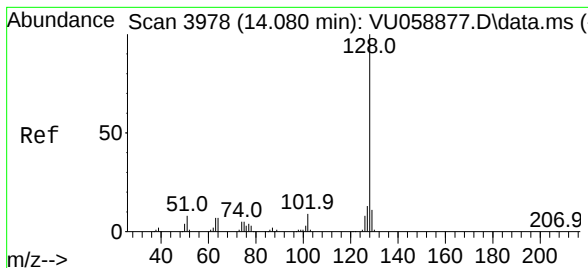
Ion Ratio Lower Upper

180 100

182 95.4 74.9 112.3

145 29.9 23.9 35.9





#71

Naphthalene

Concen: 10.384 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Instrument :

MSVOA_U

ClientSampleId :

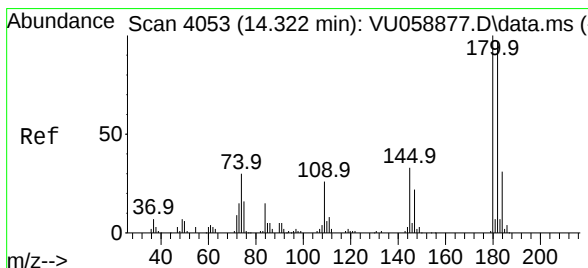
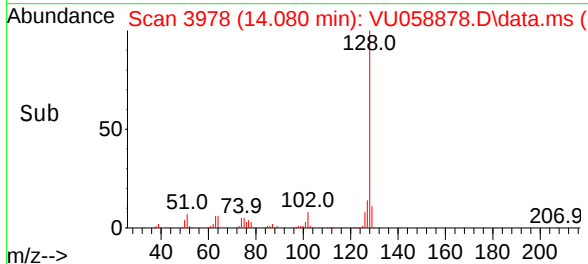
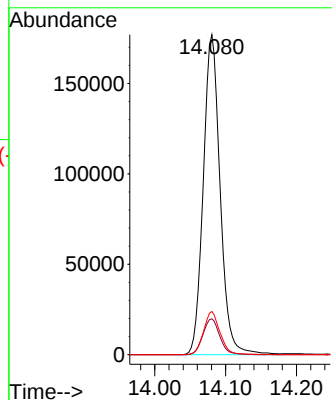
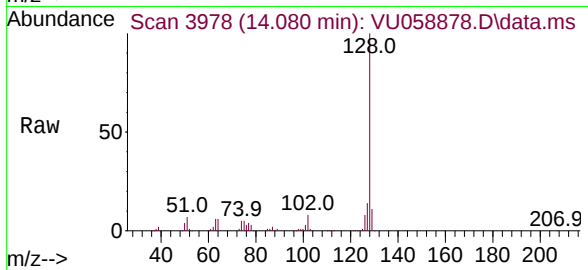
Tgt Ion:128 Resp: 293080

Ion Ratio Lower Upper

128 100

129 11.2 8.2 12.4

127 13.2 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 10.584 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU058878.D

Acq: 14 May 2024 11:07

Tgt Ion:180 Resp: 161740

Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.6

145 32.0 26.2 39.4

