

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062057.D
 Acq On : 27 Nov 2024 16:20
 Operator : MD/SY
 Sample : VSTD050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 00:46:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 00:45:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	180359	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	171280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	88816	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62154	49.308	ug/L	0.00
7) Chloroethane-d5	1.905	69	45655	42.542	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	63	120555	51.325	ug/L	0.00
21) 2-Butanone-d5	4.615	46	85553	85.599	ug/L	0.00
24) Chloroform-d	5.052	84	129575	48.634	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	83192	49.033	ug/L	0.00
32) Benzene-d6	5.718	84	247165	46.066	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	75216	45.805	ug/L	0.00
41) Toluene-d8	7.888	98	230812	46.311	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	39013	47.371	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	57667	73.038	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.747	84	110661	43.344	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	83794	43.936	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	88986	65.819	ug/L	100
3) Chloromethane	1.519	50	71564	58.304	ug/L	100
5) Vinyl chloride	1.602	62	72111	55.472	ug/L	100
6) Bromomethane	1.850	94	39212	43.131	ug/L	100
8) Chloroethane	1.927	64	41968	50.211	ug/L	100
9) Trichlorofluoromethane	2.133	101	114588	61.166	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65877	60.884	ug/L	100
12) 1,1-Dichloroethene	2.573	96	58158	57.572	ug/L	100
13) Acetone	2.625	43	95469	119.516	ug/L	100
14) Carbon disulfide	2.785	76	171981	55.898	ug/L	100
15) Methyl Acetate	2.943	43	62816	51.989	ug/L	100
16) Methylene chloride	3.036	84	66377	53.670	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	60181	54.952	ug/L	100
18) Methyl tert-butyl Ether	3.351	73	198843	53.124	ug/L	100
19) 1,1-Dichloroethane	3.856	63	113839	54.523	ug/L	100
20) cis-1,2-Dichloroethene	4.657	96	67957	52.855	ug/L	100
22) 2-Butanone	4.692	43	105460	107.035	ug/L	100
23) Bromochloromethane	4.965	128	33968	52.040	ug/L	100
25) Chloroform	5.075	83	125509	55.903	ug/L	100
27) 1,2-Dichloroethane	5.782	62	97926	54.683	ug/L	100
29) Cyclohexane	5.380	56	101874	55.080	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	112429	58.318	ug/L	100
31) Carbon tetrachloride	5.515	117	101334	60.383	ug/L	100
33) Benzene	5.763	78	263030	53.941	ug/L	100
34) Trichloroethene	6.535	95	71041	55.279	ug/L	100
35) Methylcyclohexane	6.753	83	110761	55.759	ug/L	100
37) 1,2-Dichloropropane	6.782	63	67907	52.470	ug/L	100
38) Bromodichloromethane	7.097	83	91751	55.077	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	110786	53.605	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	169526	97.575	ug/L	100
42) Toluene	7.962	91	282656	53.324	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	103907	54.048	ug/L	100

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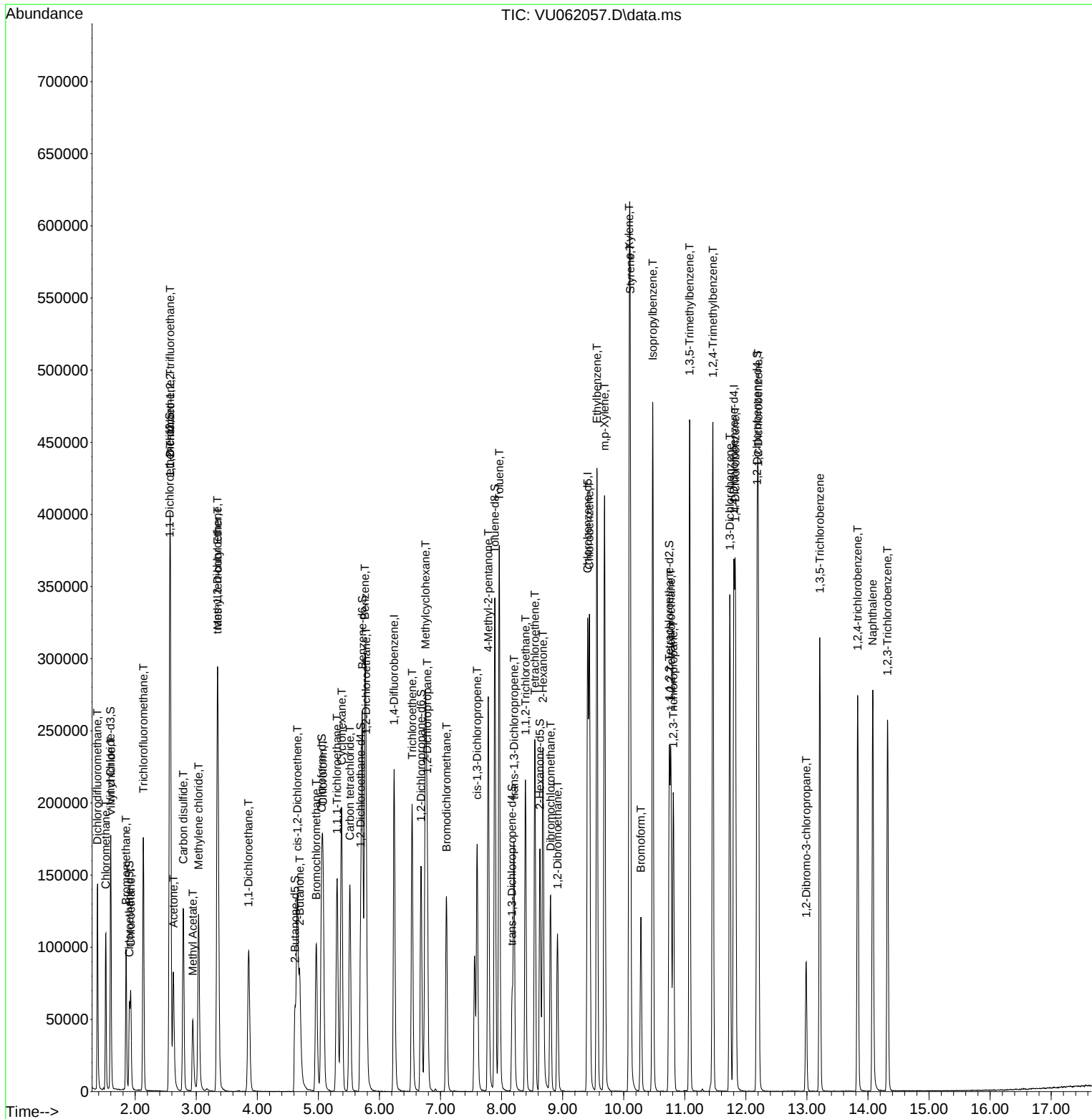
Instrument :
 MSVOA_U
 ClientSampleId :

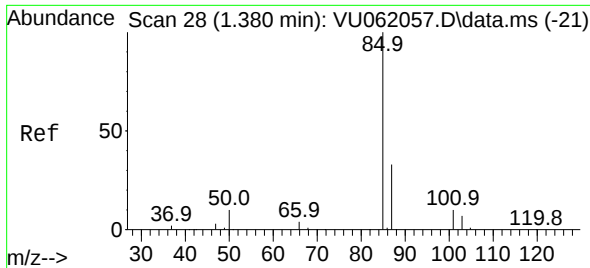
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	68225	52.583	ug/L	100
46) Tetrachloroethene	8.544	164	54288	57.656	ug/L	100
48) 2-Hexanone	8.676	43	141344	100.155	ug/L	100
49) Dibromochloromethane	8.801	129	71242	54.925	ug/L	100
50) 1,2-Dibromoethane	8.914	107	73834	51.629	ug/L	100
51) Chlorobenzene	9.438	112	173505	51.368	ug/L	100
52) Ethylbenzene	9.560	91	312736	54.330	ug/L	100
53) m,p-Xylene	9.686	106	117132	53.590	ug/L	100
54) o-Xylene	10.091	106	112900	52.430	ug/L	100
55) Styrene	10.107	104	193827	54.808	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	110662	49.604	ug/L	100
59) Bromoform	10.280	173	55406	53.487	ug/L	100
60) 1,2,3-Trichloropropane	10.811	75	87857	47.607	ug/L	100
61) Isopropylbenzene	10.477	105	308275	52.944	ug/L	100
62) 1,3,5-Trimethylbenzene	11.078	105	260009	54.491	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	259574	55.179	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	138758	52.885	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	139344	52.417	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	135460	51.702	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.988	75	24340	49.311	ug/L	100
69) 1,3,5-Trichlorobenzene	13.210	180	97484	55.163	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	82237	55.019	ug/L	100
71) Naphthalene	14.078	128	228625	48.828	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	80264	54.678	ug/L	100

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

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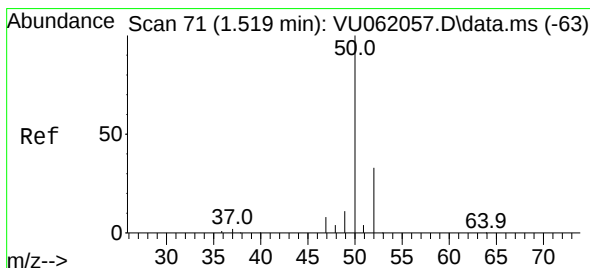
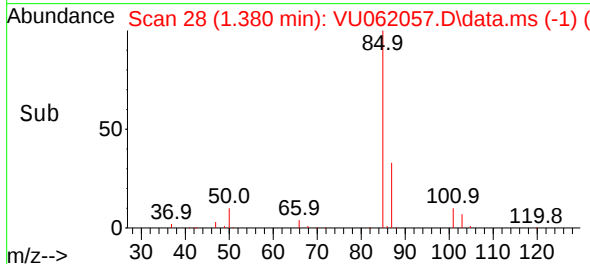
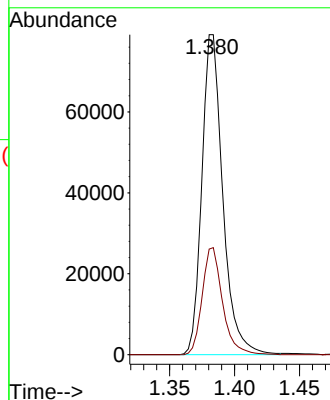
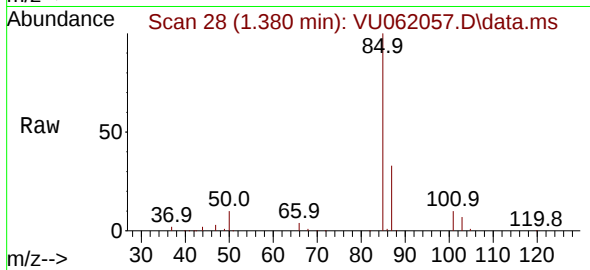




#2
Dichlorodifluoromethane
Concen: 65.819 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

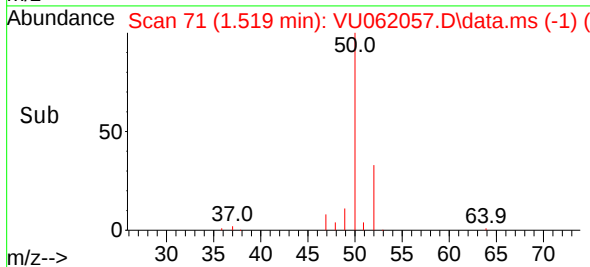
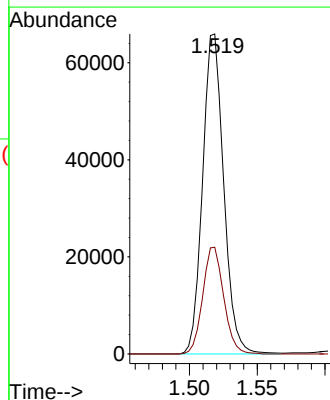
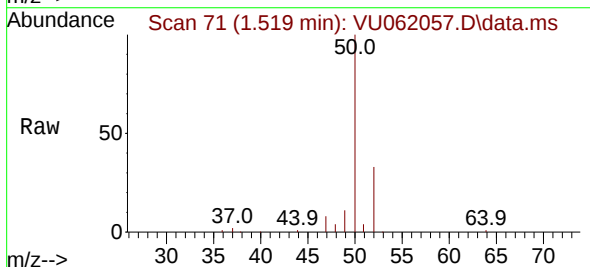
Instrument :
MSVOA_U
ClientSampleId :

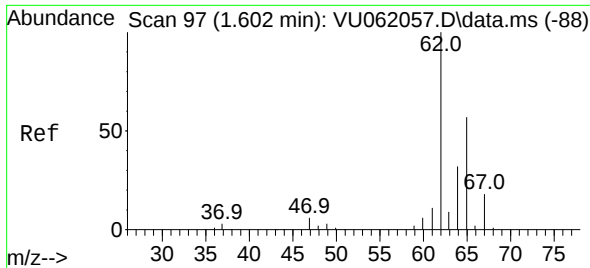
Tgt Ion: 85 Resp: 88986
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 58.304 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

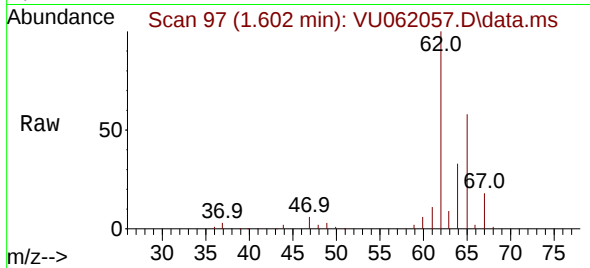
Tgt Ion: 50 Resp: 71564
Ion Ratio Lower Upper
50 100
52 33.3 23.3 43.3



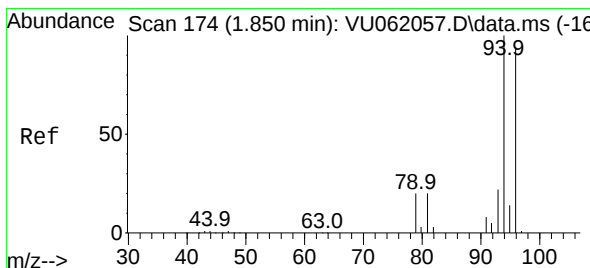
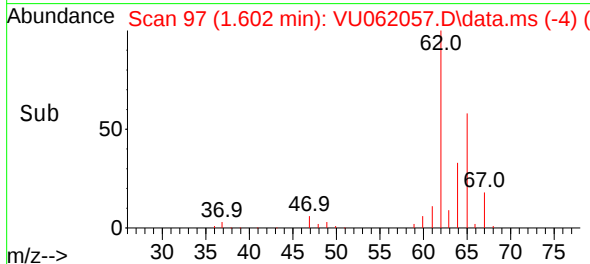
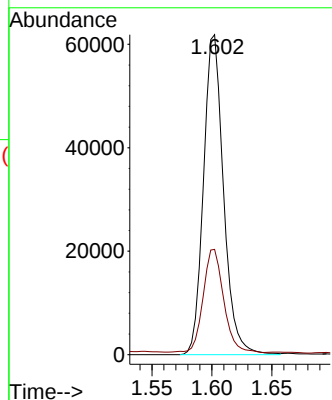


#5
 Vinyl chloride
 Concen: 55.472 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU062057.D
 Acq: 27 Nov 2024 16:20

Instrument :
 MSVOA_U
 ClientSampleId :

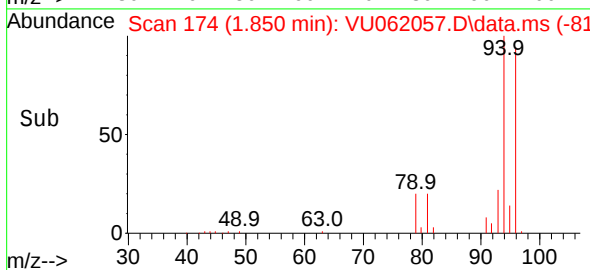
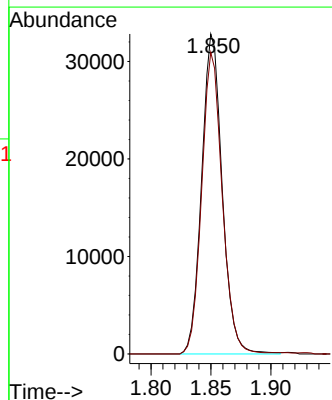
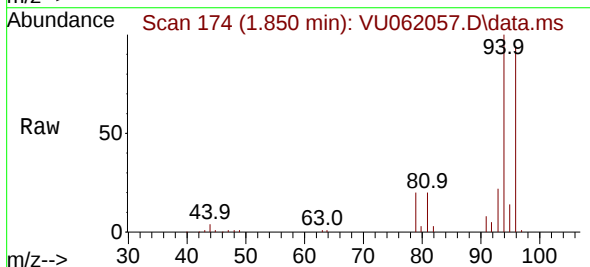


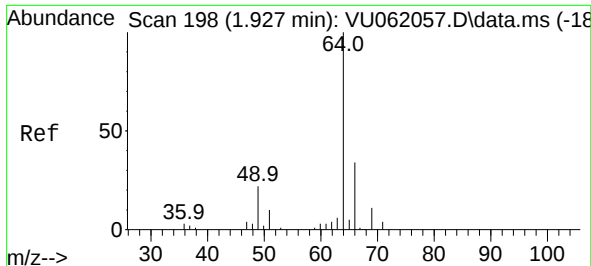
Tgt Ion: 62 Resp: 72111
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 43.131 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU062057.D
 Acq: 27 Nov 2024 16:20

Tgt Ion: 94 Resp: 39212
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.0 122.6

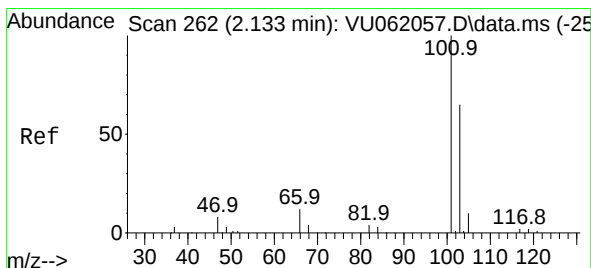
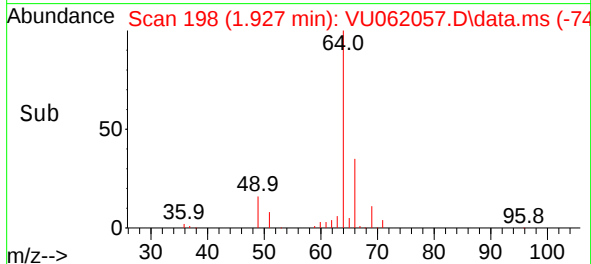
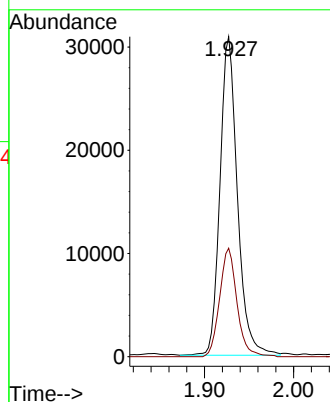
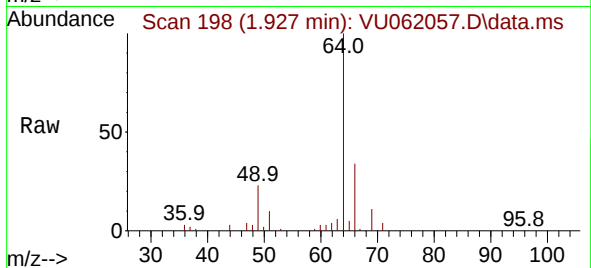




#8
Chloroethane
Concen: 50.211 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

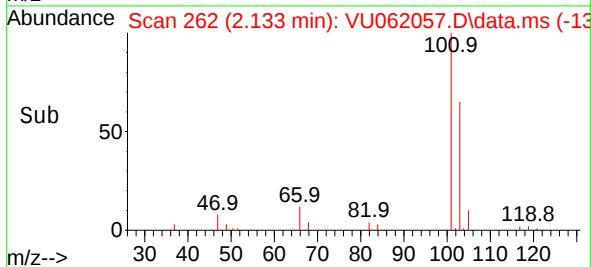
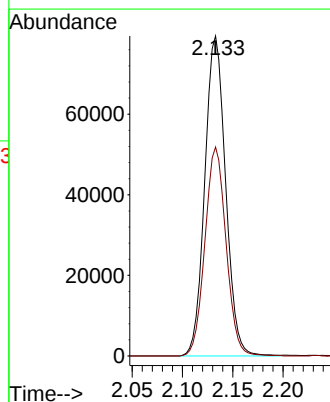
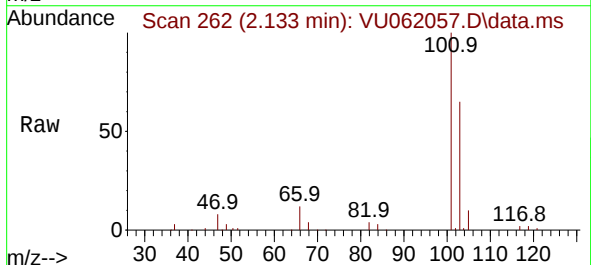
Instrument :
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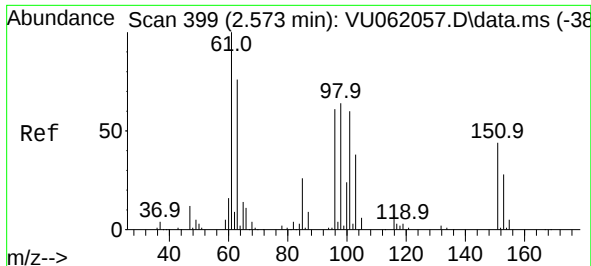
Tgt Ion: 64 Resp: 41968
Ion Ratio Lower Upper
64 100
66 33.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 61.166 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion:101 Resp: 114588
Ion Ratio Lower Upper
101 100
103 66.1 52.9 79.3

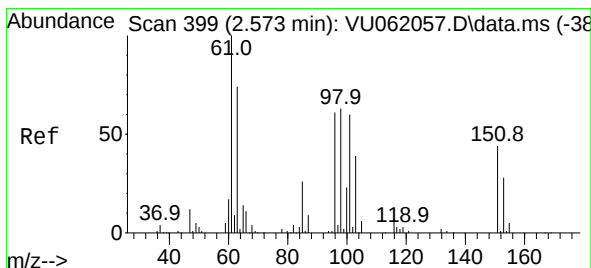
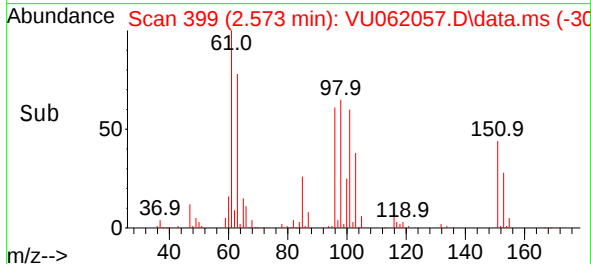
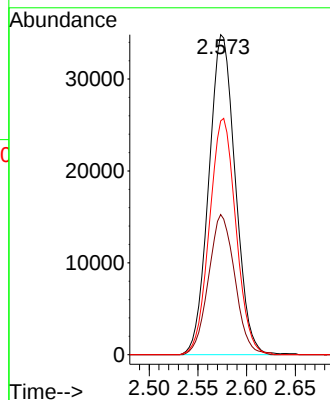
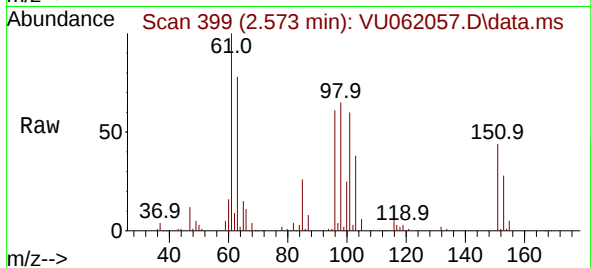




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 60.884 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062057.D
 Acq: 27 Nov 2024 16:20

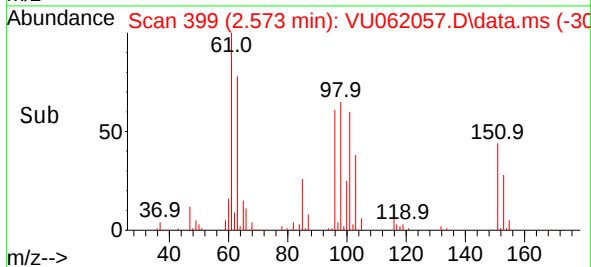
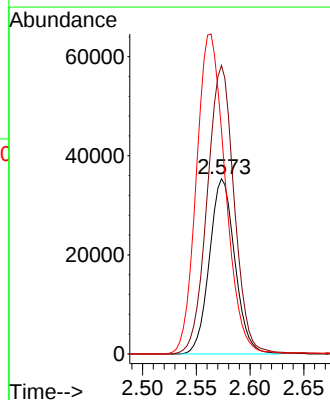
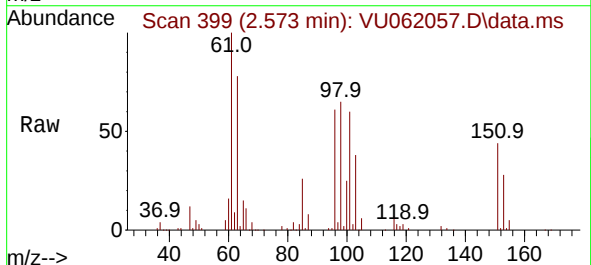
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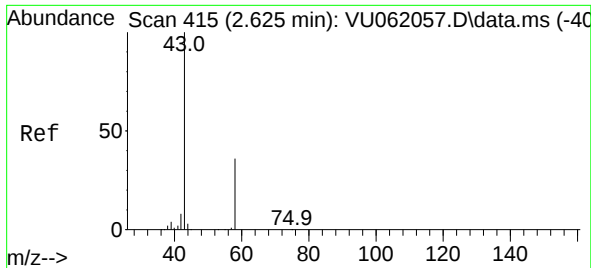
Tgt Ion:101 Resp: 65877
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.7 52.1
 151 73.7 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 57.572 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062057.D
 Acq: 27 Nov 2024 16:20

Tgt Ion: 96 Resp: 58158
 Ion Ratio Lower Upper
 96 100
 61 164.6 115.2 214.0
 63 127.6 89.3 165.9





#13

Acetone

Concen: 119.516 ug/L

RT: 2.625 min Scan# 415

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

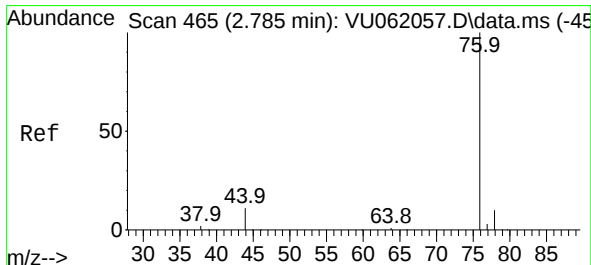
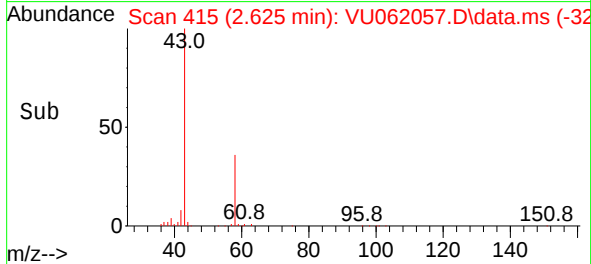
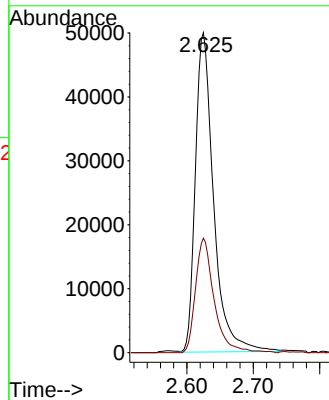
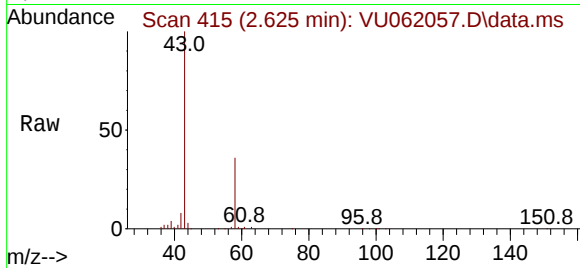
ClientSampleId :

Tgt Ion: 43 Resp: 95469

Ion Ratio Lower Upper

43 100

58 36.2 0.0 72.4



#14

Carbon disulfide

Concen: 55.898 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062057.D

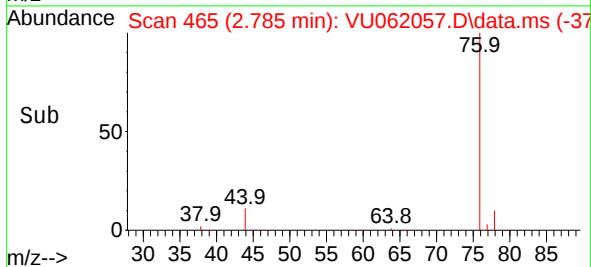
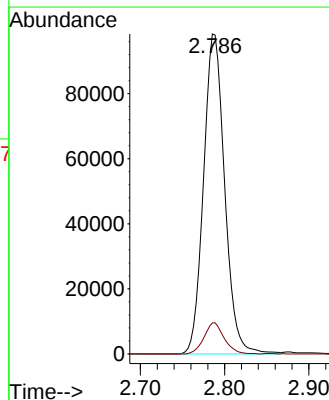
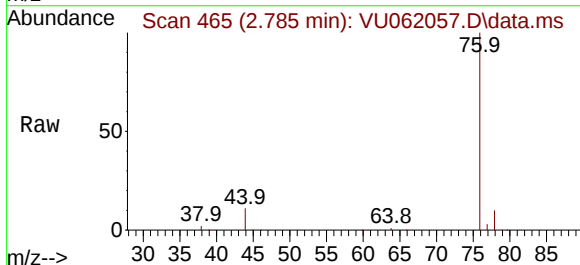
Acq: 27 Nov 2024 16:20

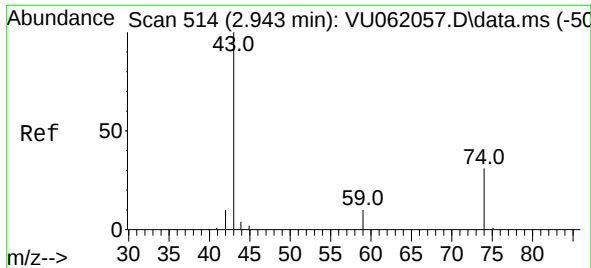
Tgt Ion: 76 Resp: 171981

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6





#15

Methyl Acetate

Concen: 51.989 ug/L

RT: 2.943 min Scan# 514

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

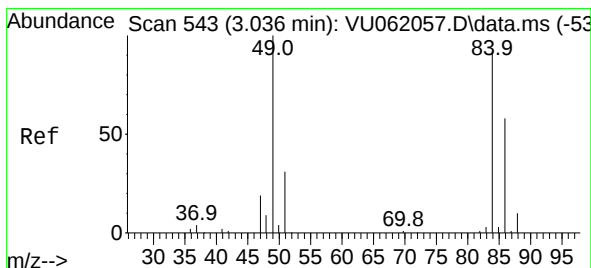
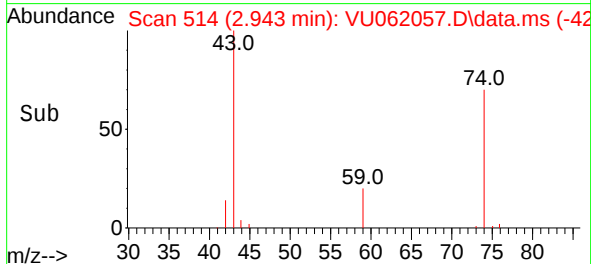
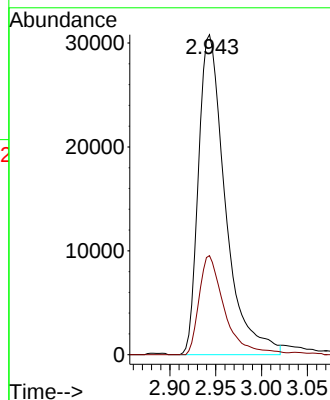
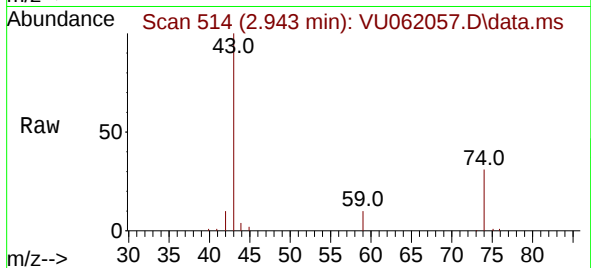
ClientSampleId :

Tgt Ion: 43 Resp: 62816

Ion Ratio Lower Upper

43 100

74 29.3 23.4 35.2



#16

Methylene chloride

Concen: 53.670 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

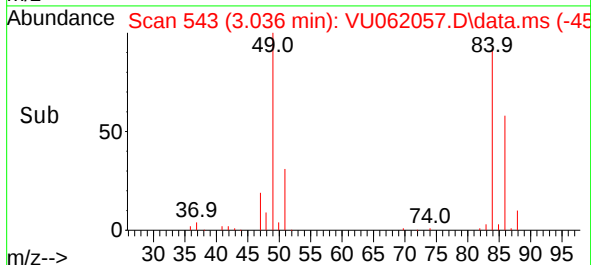
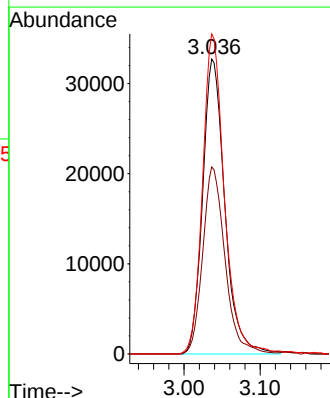
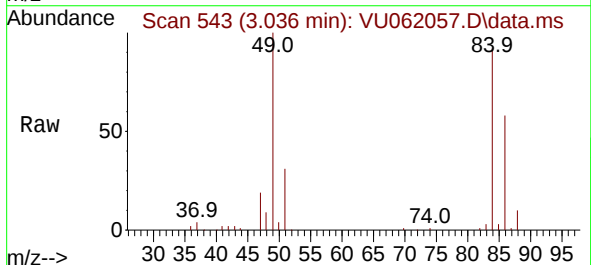
Tgt Ion: 84 Resp: 66377

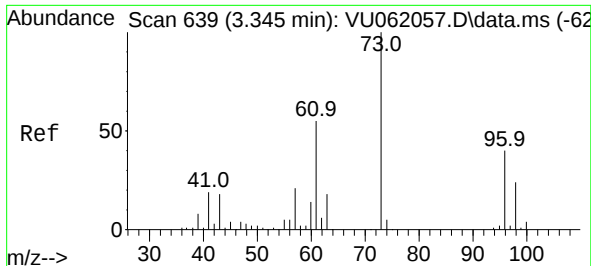
Ion Ratio Lower Upper

84 100

86 63.4 44.4 82.4

49 108.5 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 54.952 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

ClientSampleId :

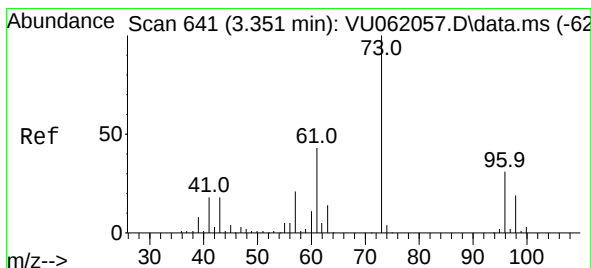
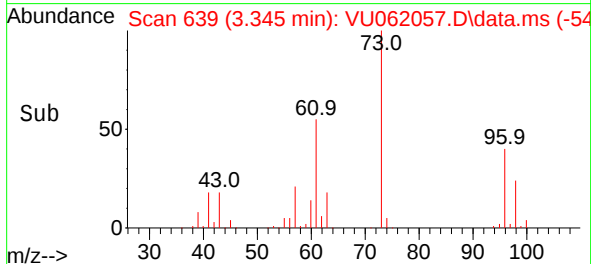
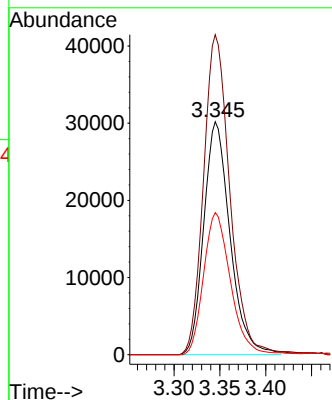
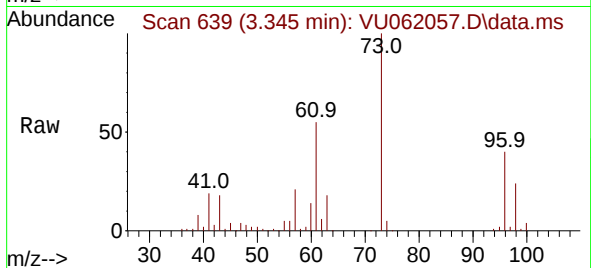
Tgt Ion: 96 Resp: 60181

Ion Ratio Lower Upper

96 100

61 137.4 96.2 178.6

98 61.0 42.7 79.3



#18

Methyl tert-butyl Ether

Concen: 53.124 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

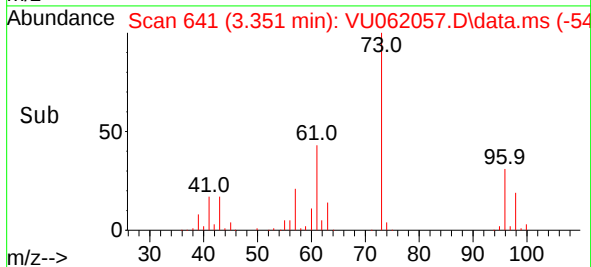
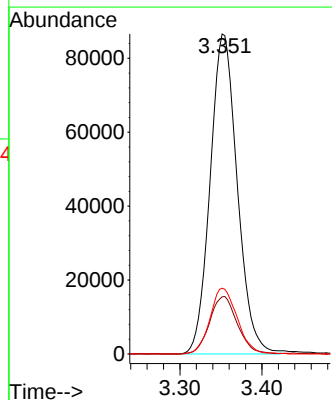
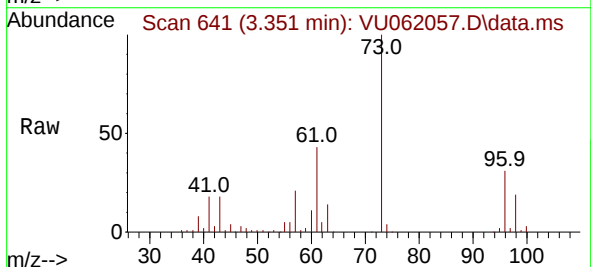
Tgt Ion: 73 Resp: 198843

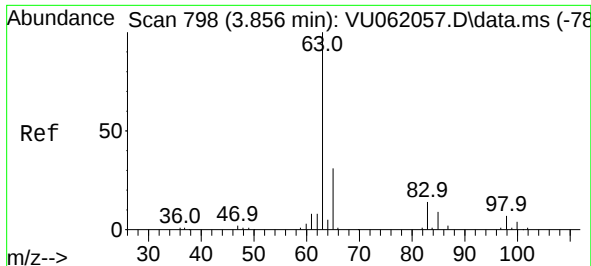
Ion Ratio Lower Upper

73 100

43 18.4 14.7 22.1

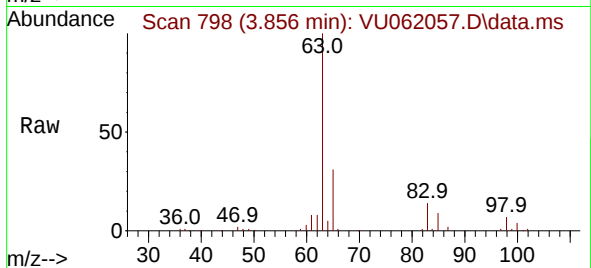
57 20.5 16.4 24.6



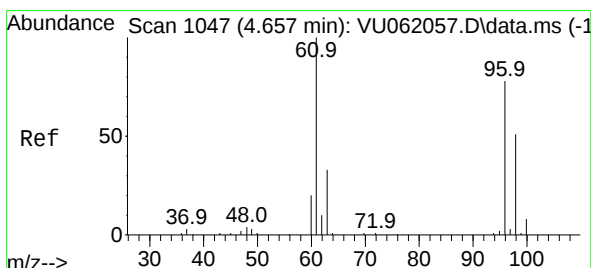
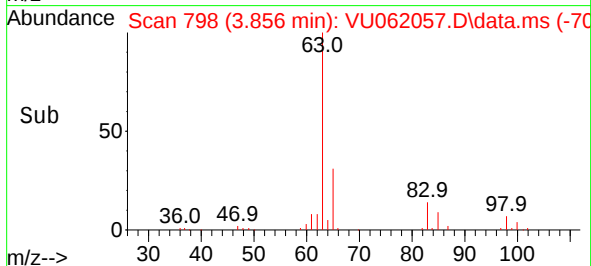
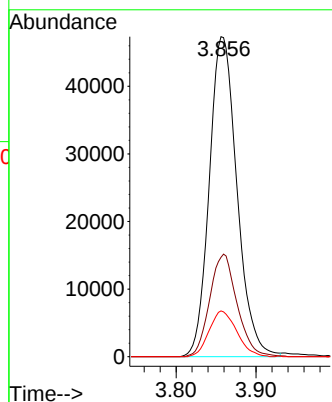


#19
1,1-Dichloroethane
Concen: 54.523 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Instrument :
MSVOA_U
ClientSampleId :

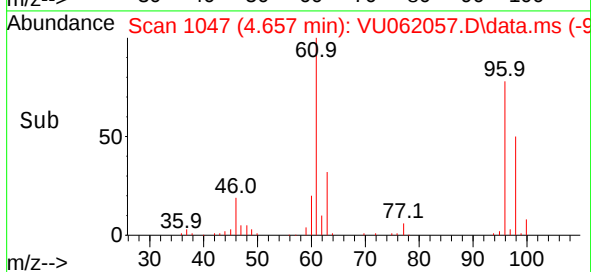
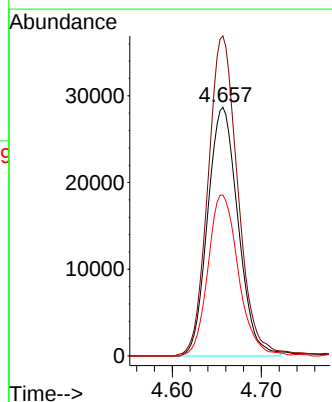
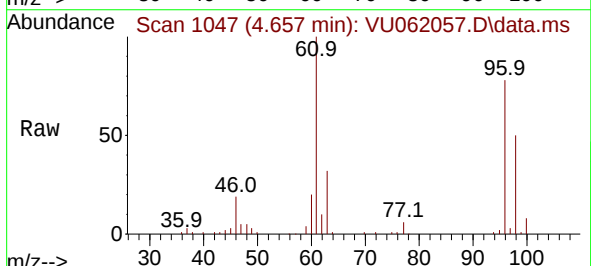


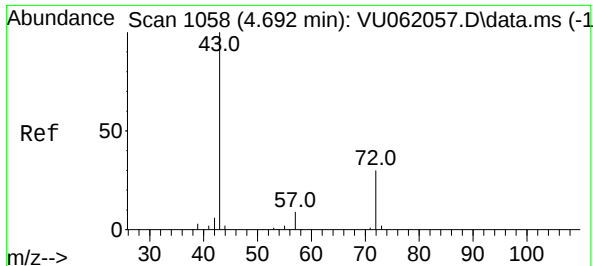
Tgt Ion: 63 Resp: 113839
Ion Ratio Lower Upper
63 100
65 31.0 21.7 40.3
83 14.3 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 52.855 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion: 96 Resp: 67957
Ion Ratio Lower Upper
96 100
61 128.7 90.1 167.3
98 64.7 45.3 84.1

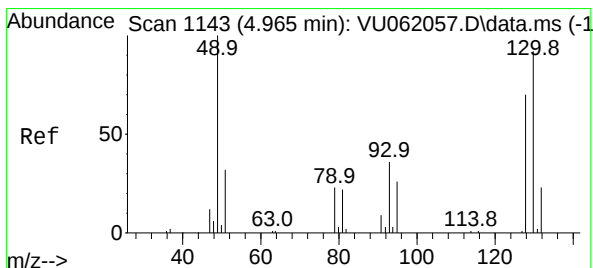
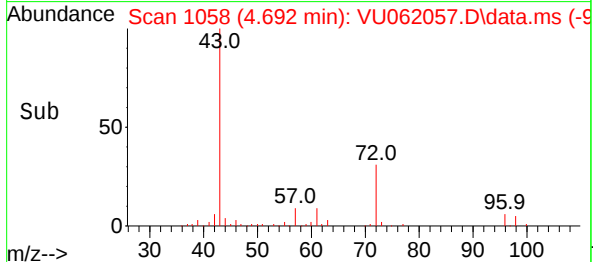
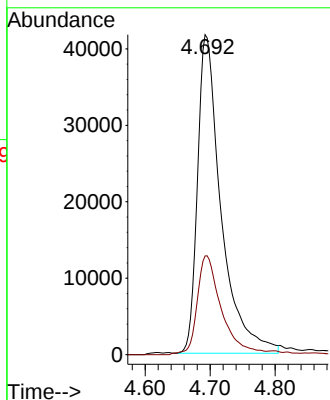
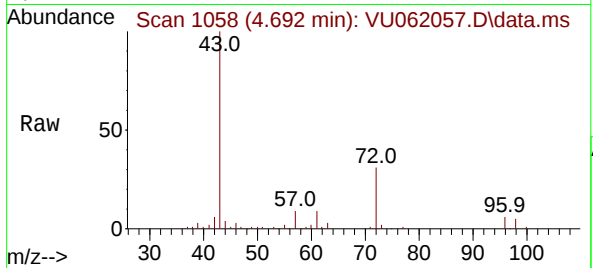




#22
2-Butanone
Concen: 107.035 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

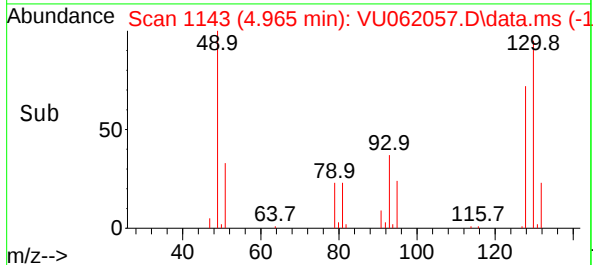
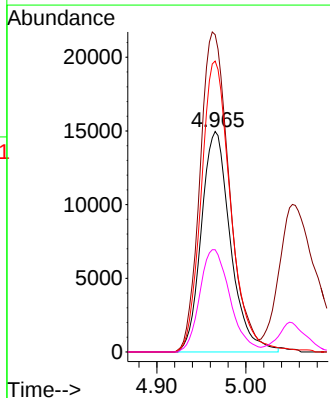
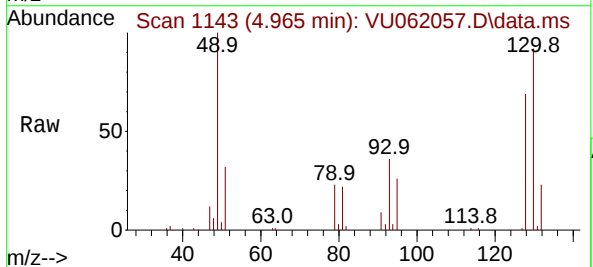
Instrument :
MSVOA_U
ClientSampleId :

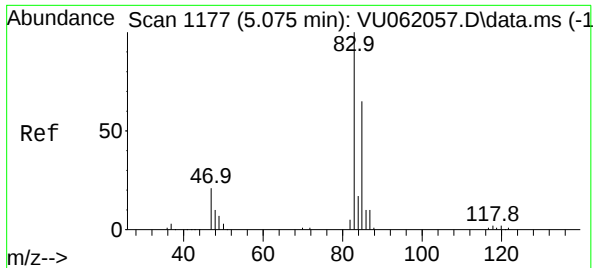
Tgt Ion: 43 Resp: 105460
Ion Ratio Lower Upper
43 100
72 31.8 15.9 47.7



#23
Bromochloromethane
Concen: 52.040 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion:128 Resp: 33968
Ion Ratio Lower Upper
128 100
49 143.9 100.7 187.1
130 132.0 92.4 171.6
51 46.4 37.1 55.7





#25

Chloroform

Concen: 55.903 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

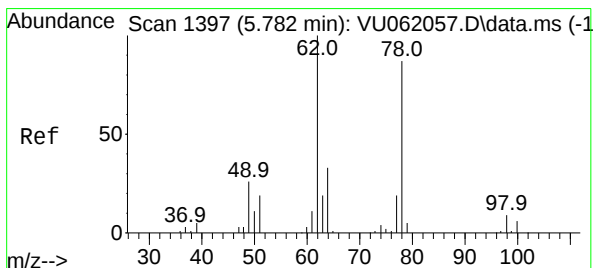
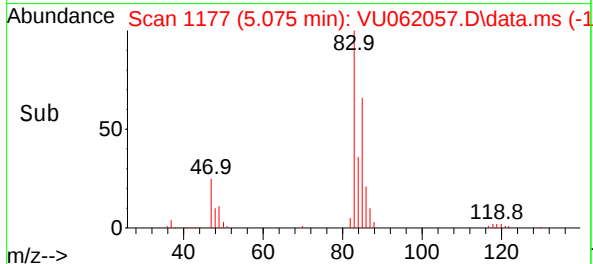
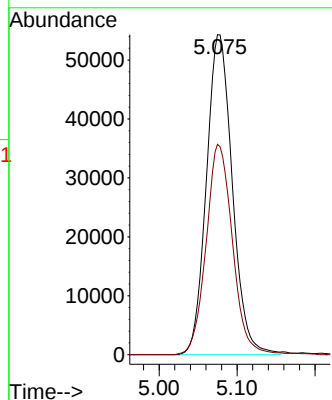
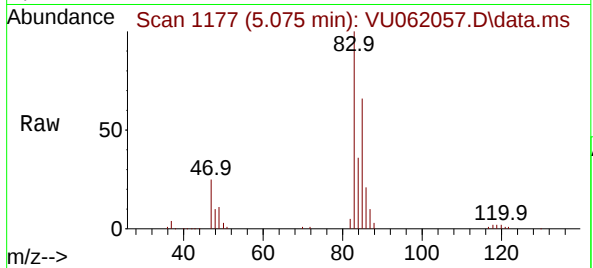
ClientSampleId :

Tgt Ion: 83 Resp: 125509

Ion Ratio Lower Upper

83 100

85 65.8 46.1 85.5



#27

1,2-Dichloroethane

Concen: 54.683 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU062057.D

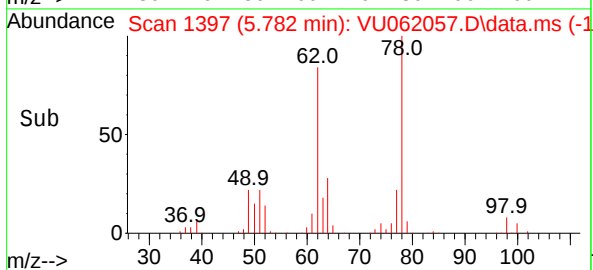
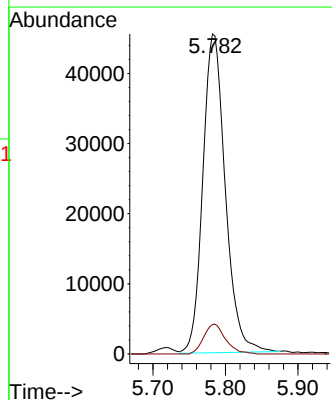
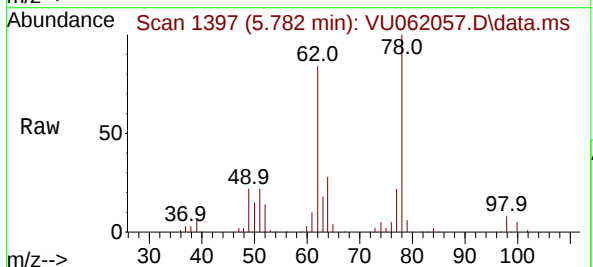
Acq: 27 Nov 2024 16:20

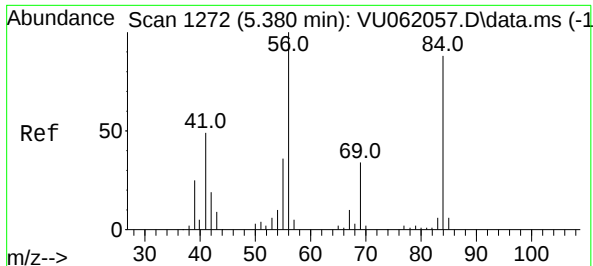
Tgt Ion: 62 Resp: 97926

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

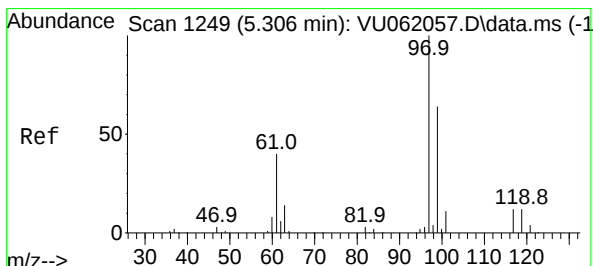
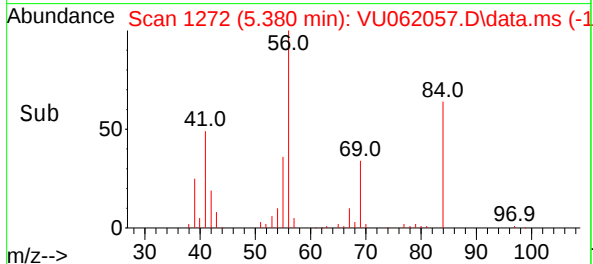
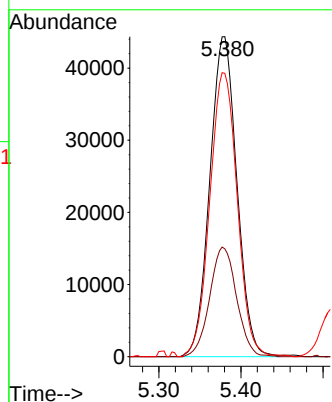
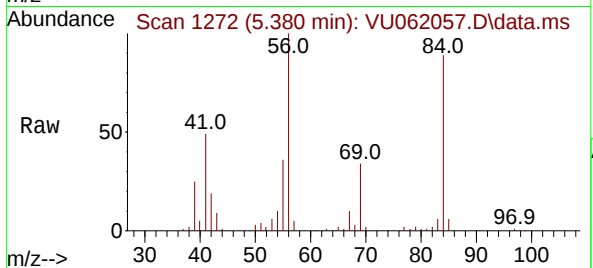




#29
Cyclohexane
Concen: 55.080 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

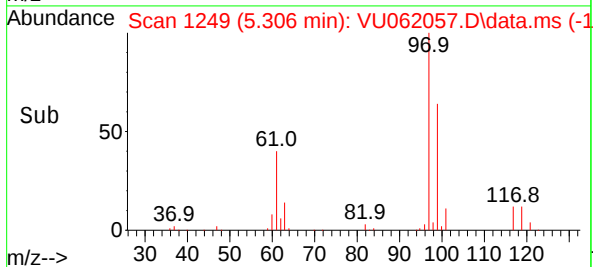
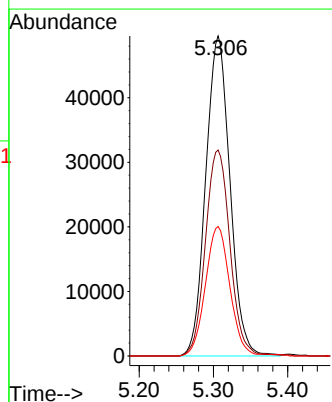
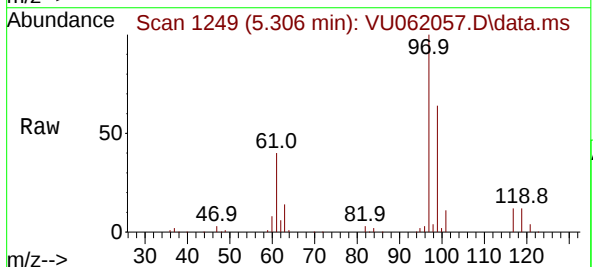
Instrument :
MSVOA_U
ClientSampleId :

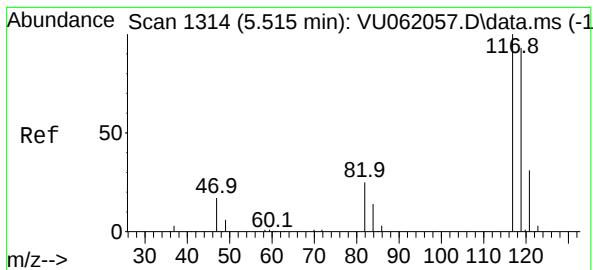
Tgt Ion: 56 Resp: 101874
Ion Ratio Lower Upper
56 100
69 33.9 27.1 40.7
84 90.1 72.1 108.1



#30
1,1,1-Trichloroethane
Concen: 58.318 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion: 97 Resp: 112429
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 40.7 32.6 48.8

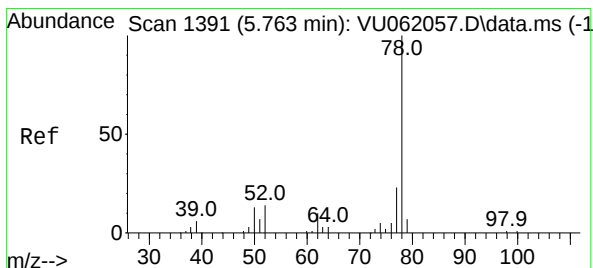
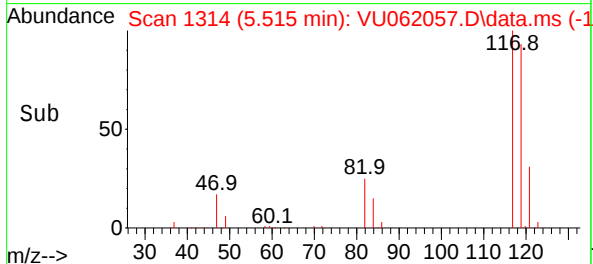
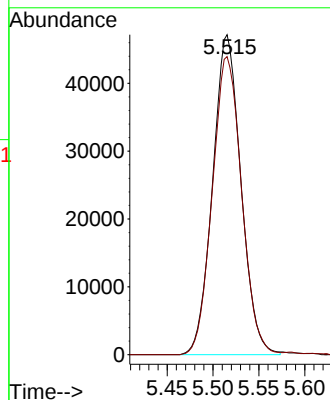
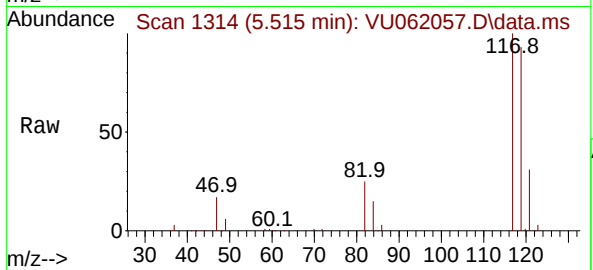




#31
Carbon tetrachloride
Concen: 60.383 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

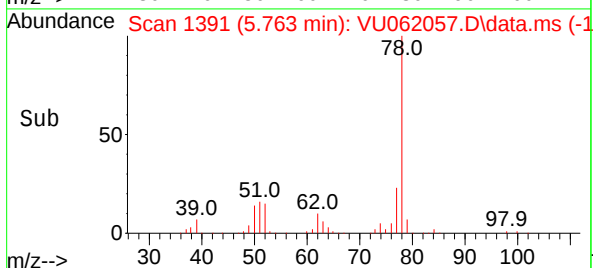
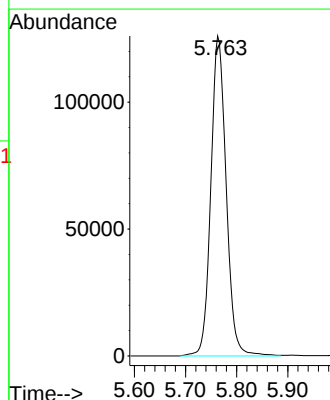
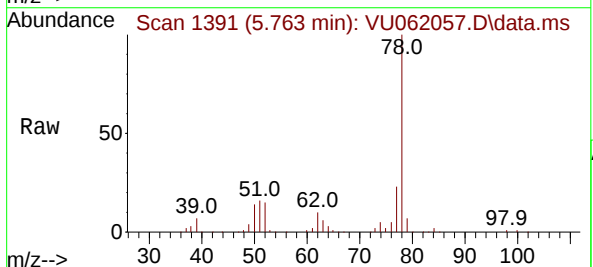
Instrument :
MSVOA_U
ClientSampleId :

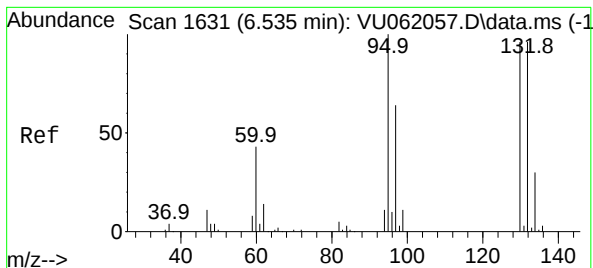
Tgt Ion:117 Resp: 101334
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 53.941 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion: 78 Resp: 263030





#34

Trichloroethene

Concen: 55.279 ug/L

RT: 6.535 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 71041

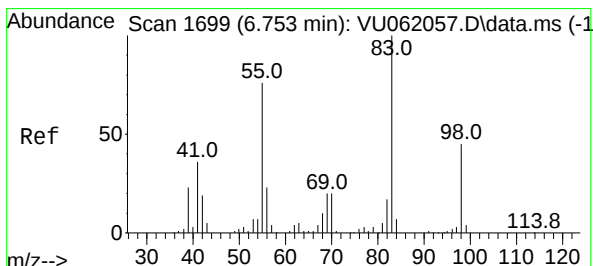
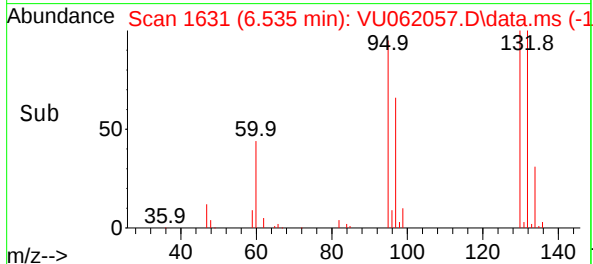
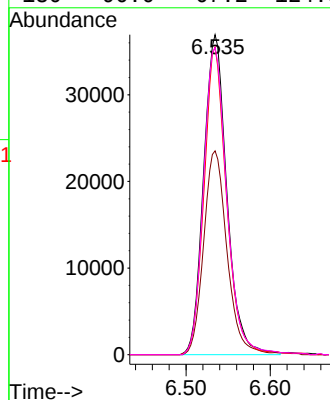
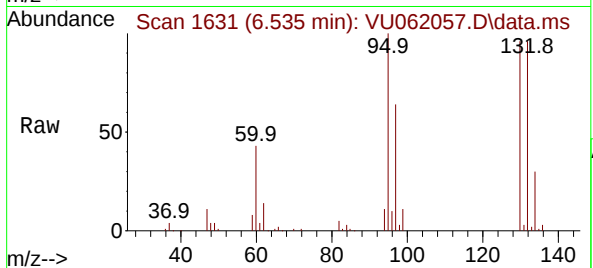
Ion Ratio Lower Upper

95 100

97 63.7 44.6 82.8

132 96.1 67.3 124.9

130 96.0 67.2 124.8



#35

Methylcyclohexane

Concen: 55.759 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

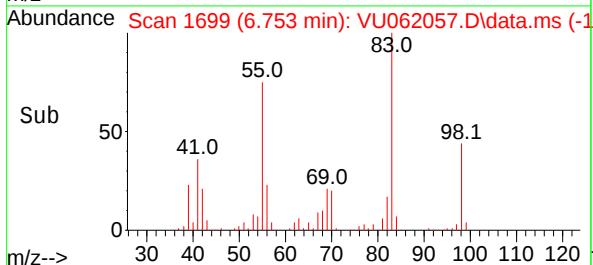
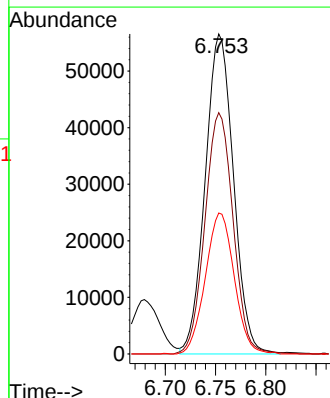
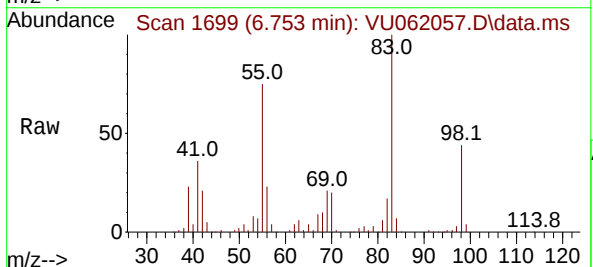
Tgt Ion: 83 Resp: 110761

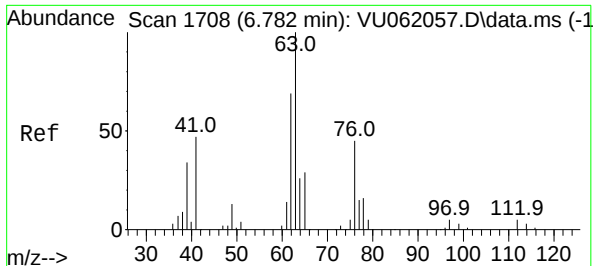
Ion Ratio Lower Upper

83 100

55 75.1 60.1 90.1

98 44.8 35.8 53.8

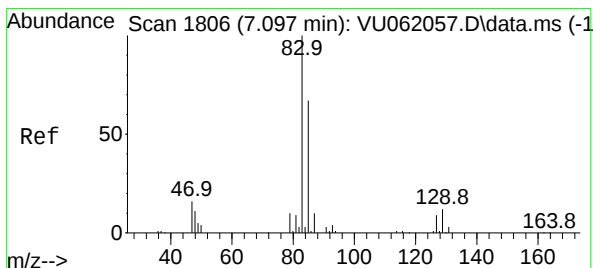
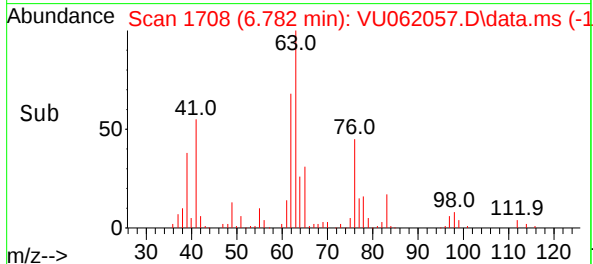
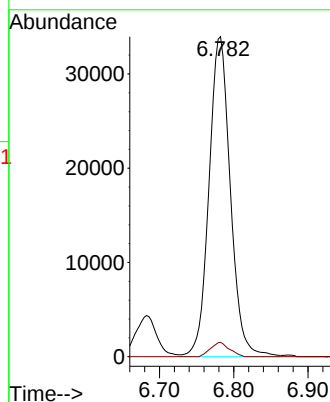
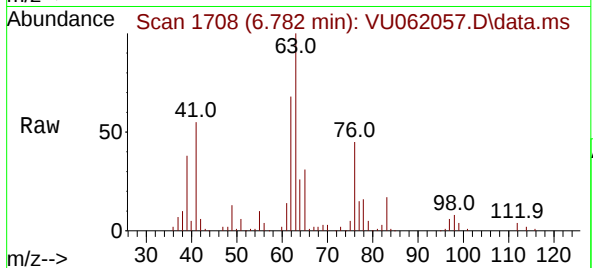




#37
1,2-Dichloropropane
Concen: 52.470 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

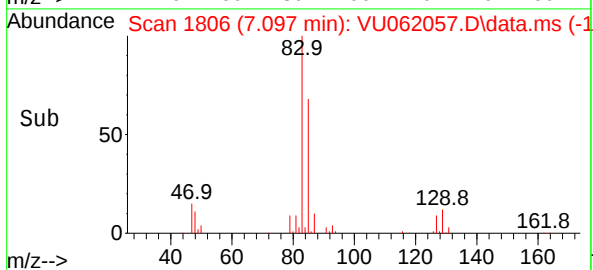
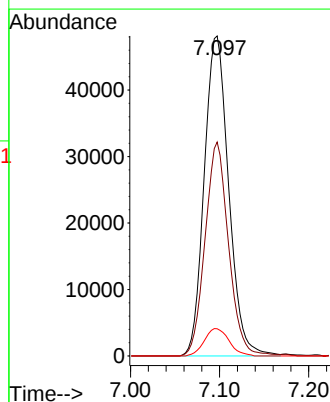
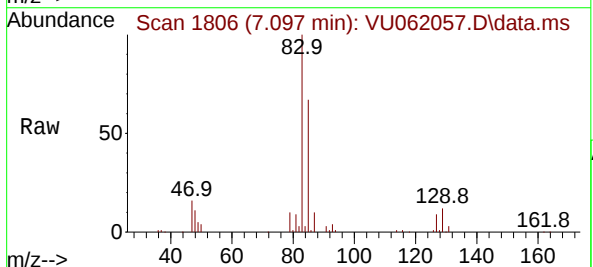
Instrument :
MSVOA_U
ClientSampleId :

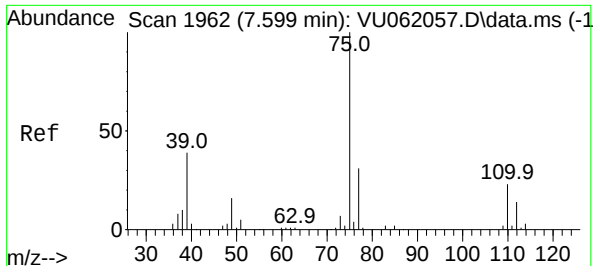
Tgt Ion: 63 Resp: 67907
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7



#38
Bromodichloromethane
Concen: 55.077 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion: 83 Resp: 91751
Ion Ratio Lower Upper
83 100
85 66.9 46.8 87.0
127 8.5 6.8 10.2

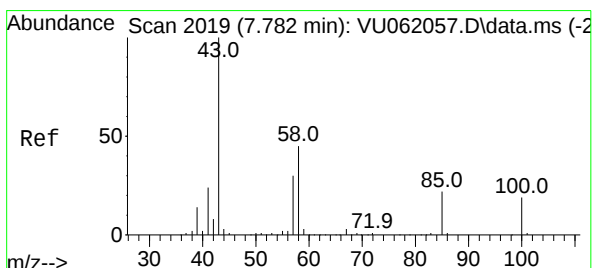
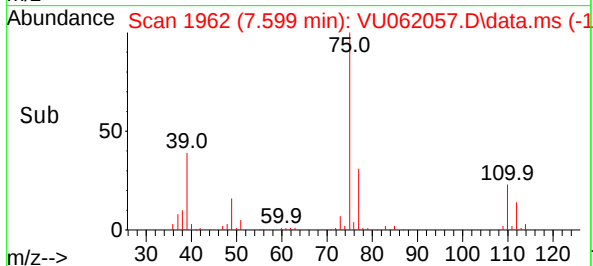
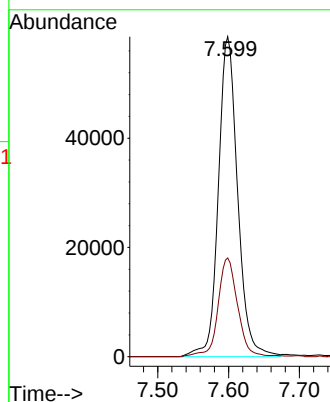
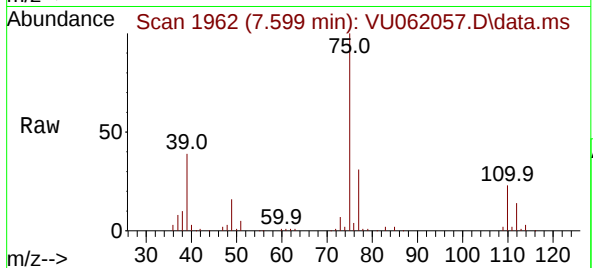




#39
 cis-1,3-Dichloropropene
 Concen: 53.605 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062057.D
 Acq: 27 Nov 2024 16:20

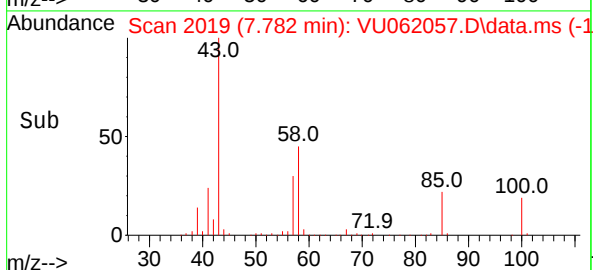
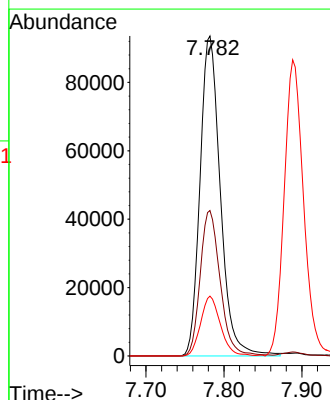
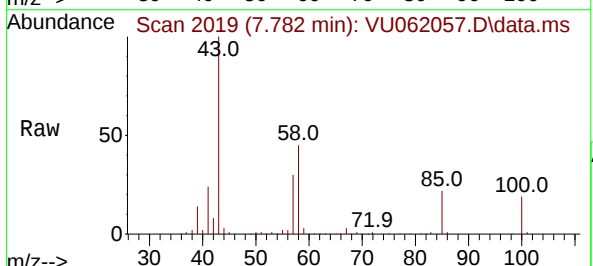
Instrument :
 MSVOA_U
 ClientSampleId :

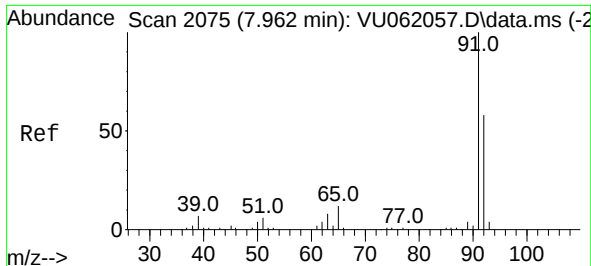
Tgt Ion: 75 Resp: 110786
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 97.575 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU062057.D
 Acq: 27 Nov 2024 16:20

Tgt Ion: 43 Resp: 169526
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.7 53.5
 100 18.2 14.6 21.8





#42

Toluene

Concen: 53.324 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

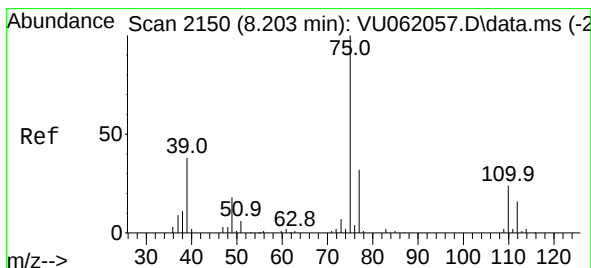
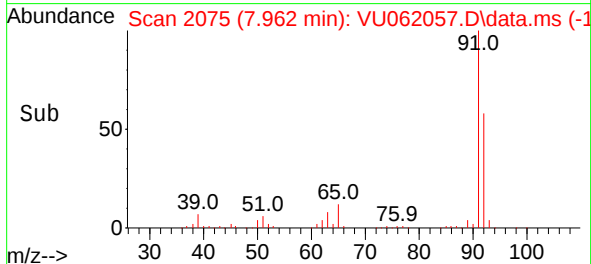
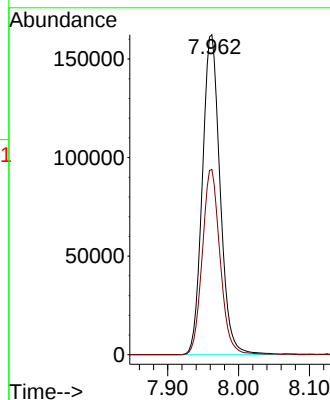
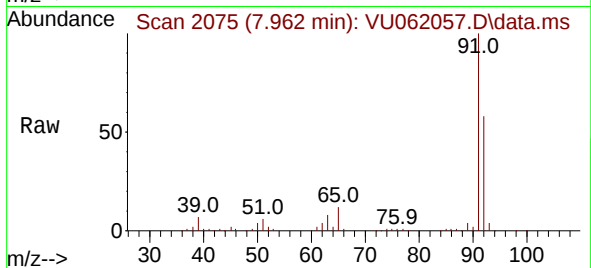
ClientSampleId :

Tgt Ion: 91 Resp: 282656

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 54.048 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062057.D

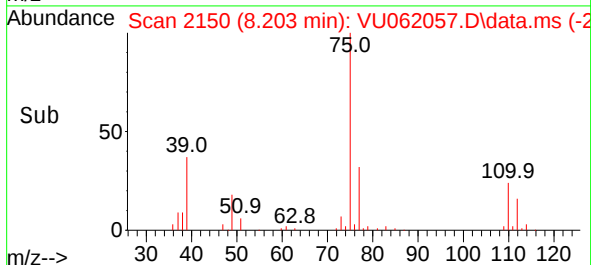
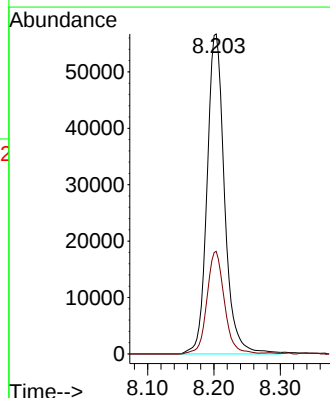
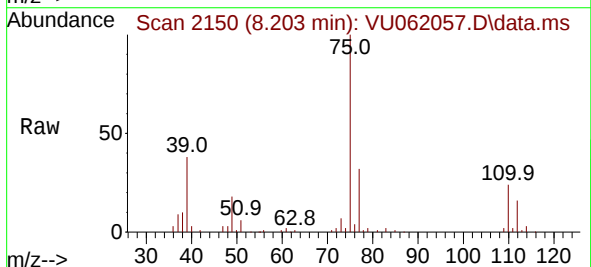
Acq: 27 Nov 2024 16:20

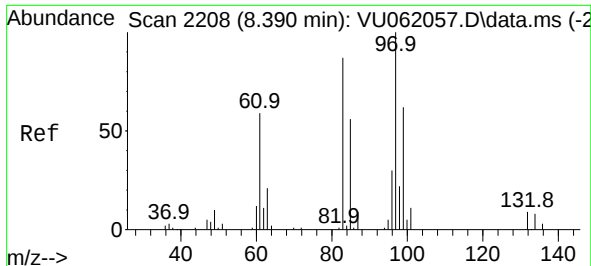
Tgt Ion: 75 Resp: 103907

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 52.583 ug/L

RT: 8.390 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 68225

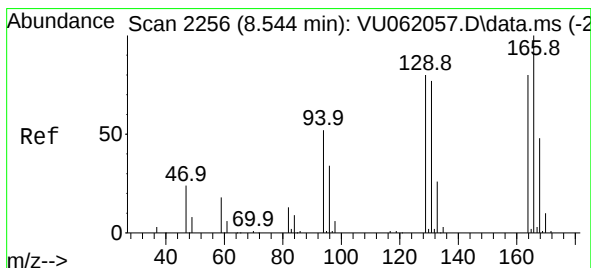
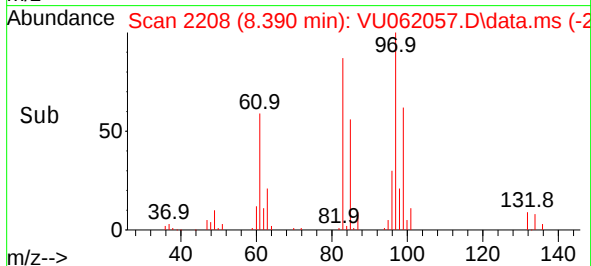
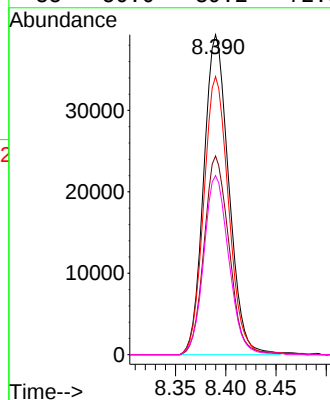
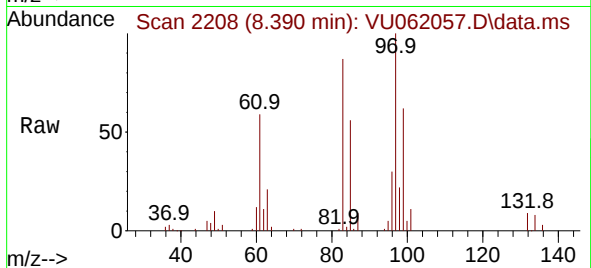
Ion Ratio Lower Upper

97 100

99 62.1 43.5 80.7

83 86.9 60.8 113.0

85 56.0 39.2 72.8



#46

Tetrachloroethene

Concen: 57.656 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Tgt Ion:164 Resp: 54288

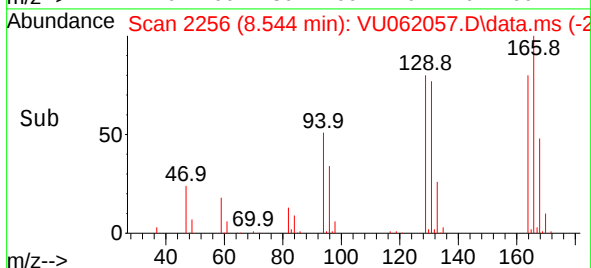
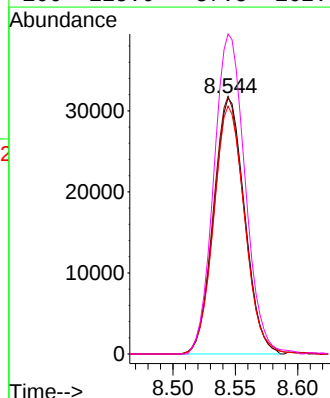
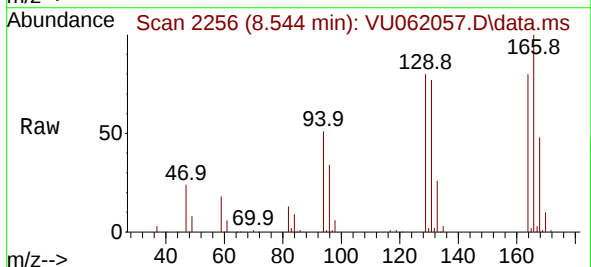
Ion Ratio Lower Upper

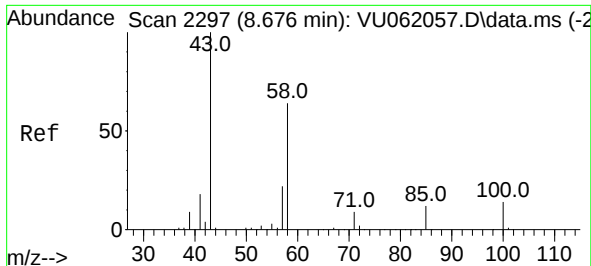
164 100

129 100.6 70.4 130.8

131 96.8 67.8 125.8

166 125.0 87.5 162.5





#48

2-Hexanone

Concen: 100.155 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 141344

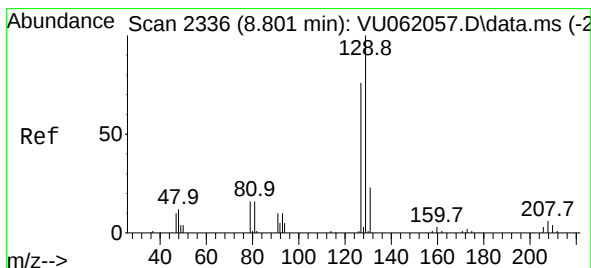
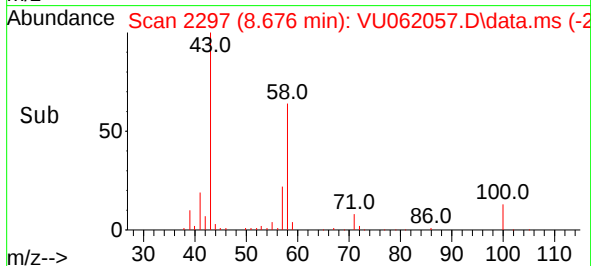
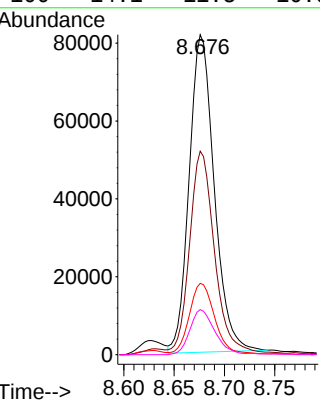
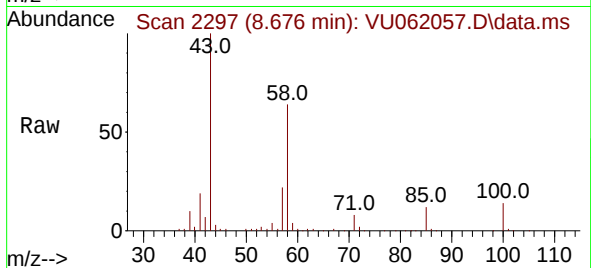
Ion Ratio Lower Upper

43 100

58 64.6 51.7 77.5

57 23.1 18.5 27.7

100 14.1 11.3 16.9



#49

Dibromochloromethane

Concen: 54.925 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU062057.D

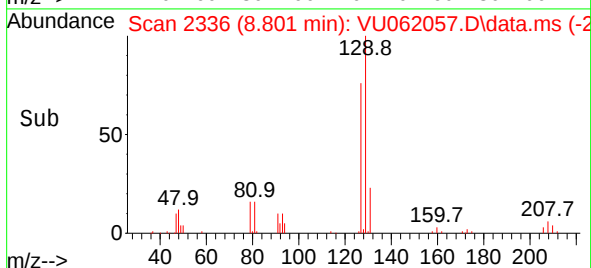
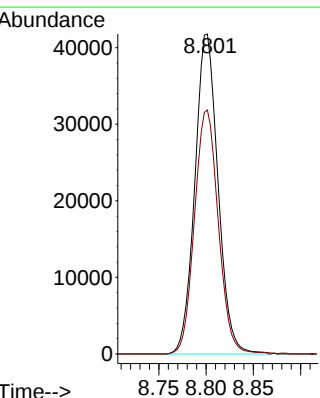
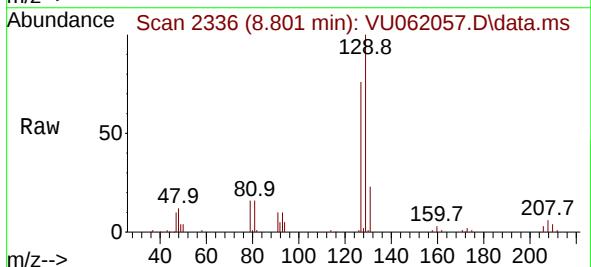
Acq: 27 Nov 2024 16:20

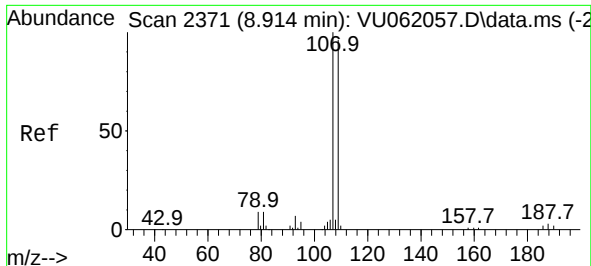
Tgt Ion:129 Resp: 71242

Ion Ratio Lower Upper

129 100

127 76.2 53.3 99.1

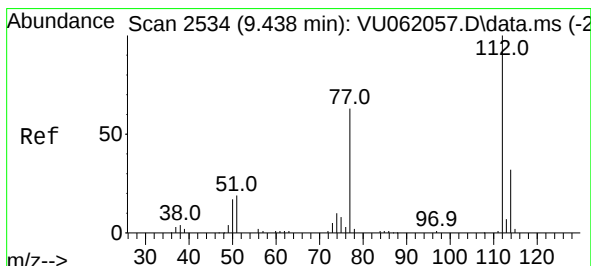
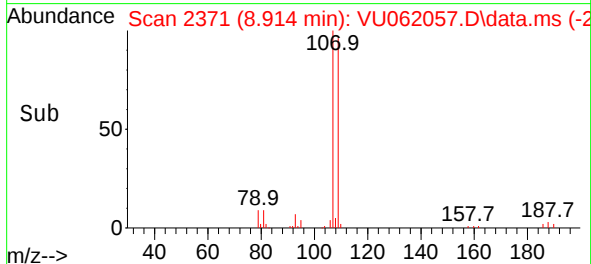
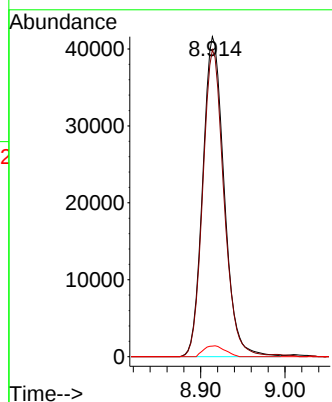
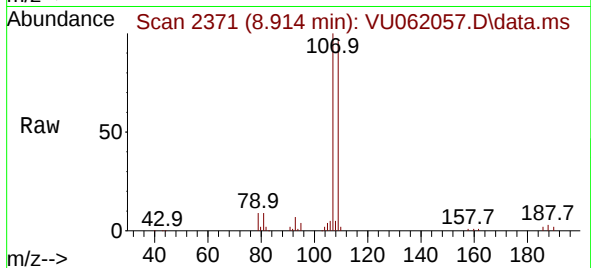




#50
1,2-Dibromoethane
Concen: 51.629 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

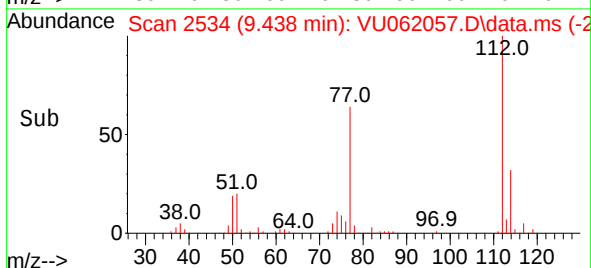
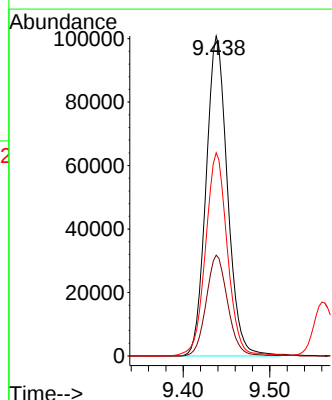
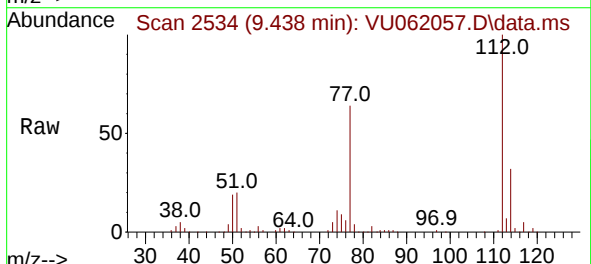
Instrument :
MSVOA_U
ClientSampleId :

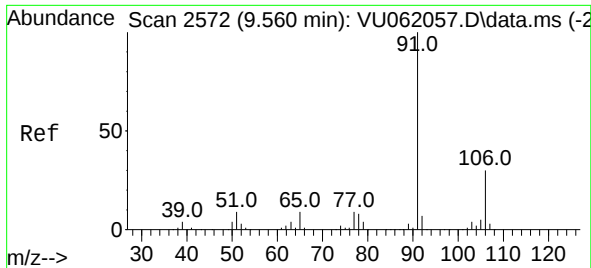
Tgt Ion:107 Resp: 73834
Ion Ratio Lower Upper
107 100
109 95.9 67.1 124.7
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 51.368 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion:112 Resp: 173505
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 63.5 50.8 76.2

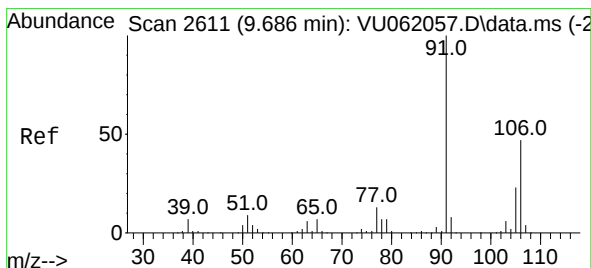
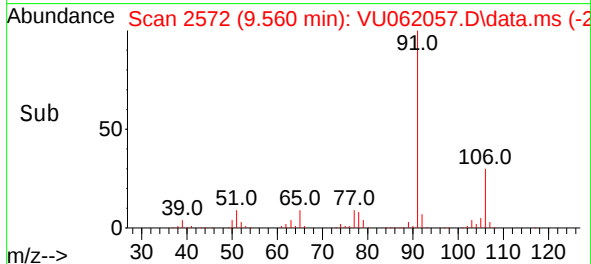
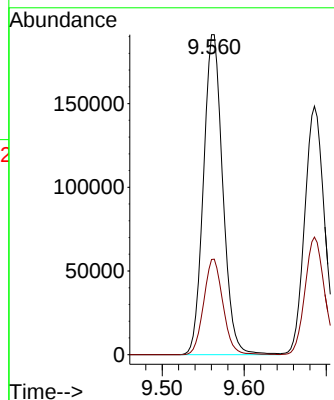
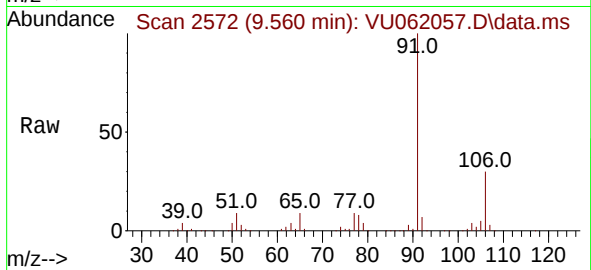




#52
Ethylbenzene
Concen: 54.330 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

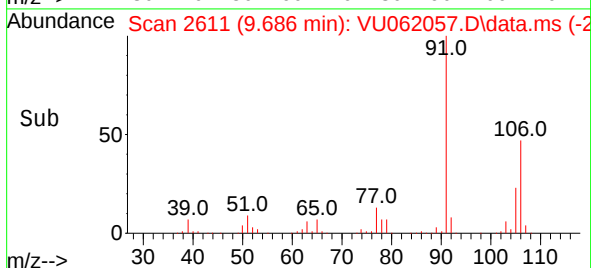
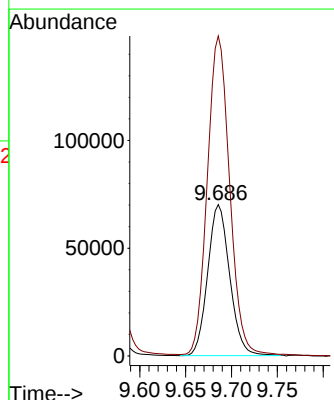
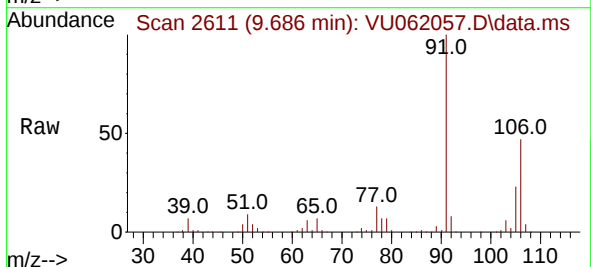
Instrument :
MSVOA_U
ClientSampleId :

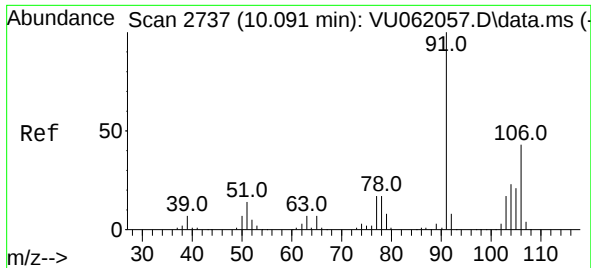
Tgt Ion: 91 Resp: 312736
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 53.590 ug/L
RT: 9.686 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion:106 Resp: 117132
Ion Ratio Lower Upper
106 100
91 211.3 147.9 274.7

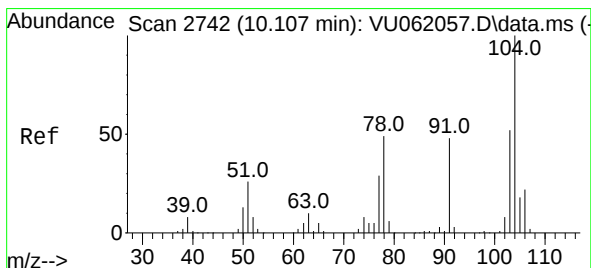
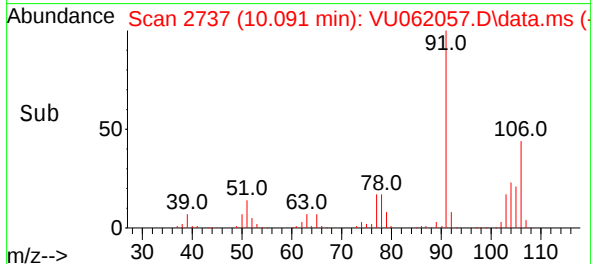
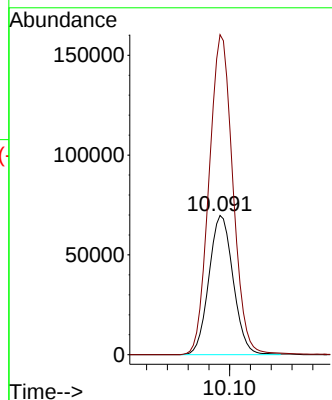
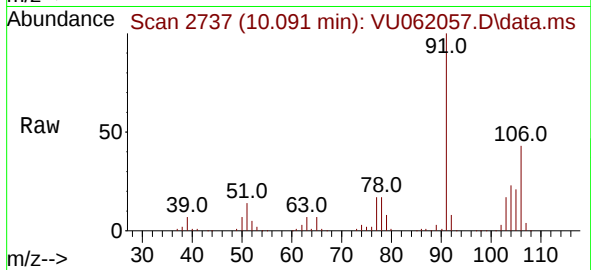




#54
o-Xylene
Concen: 52.430 ug/L
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

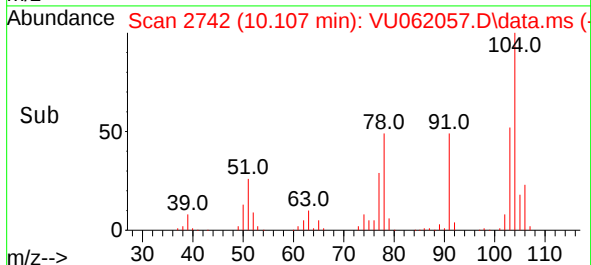
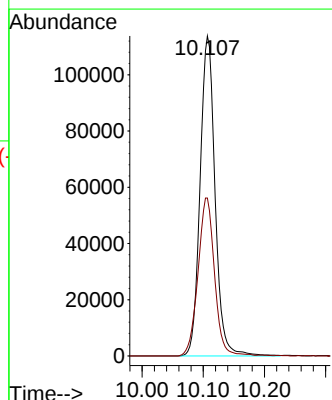
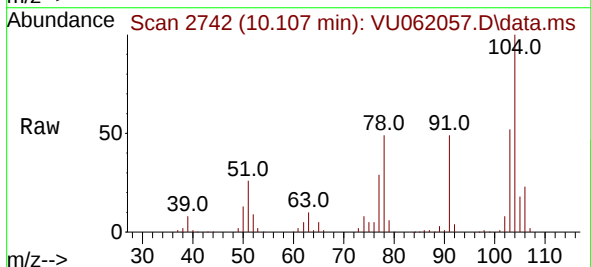
Instrument :
MSVOA_U
ClientSampleId :

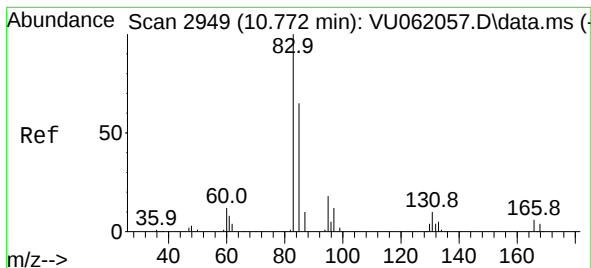
Tgt Ion:106 Resp: 112900
Ion Ratio Lower Upper
106 100
91 230.0 161.0 299.0



#55
Styrene
Concen: 54.808 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion:104 Resp: 193827
Ion Ratio Lower Upper
104 100
78 49.3 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 49.604 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

ClientSampleId :

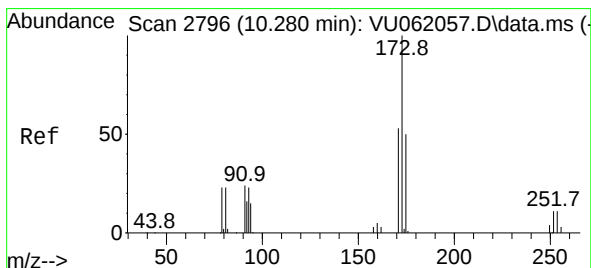
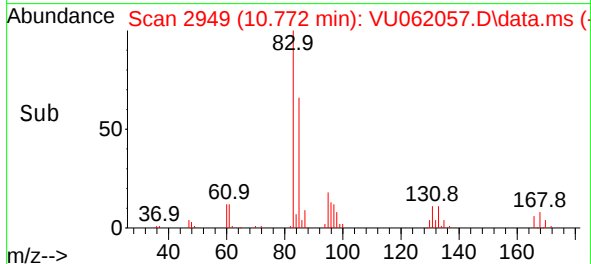
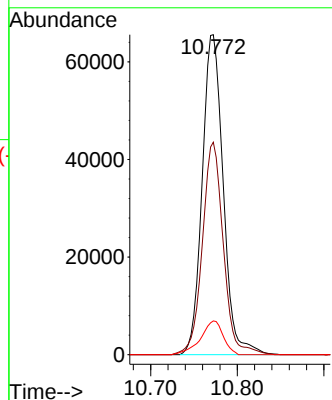
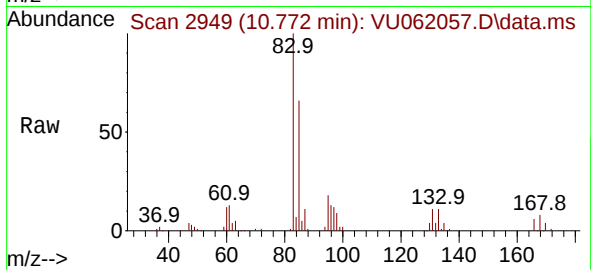
Tgt Ion: 83 Resp: 110662

Ion Ratio Lower Upper

83 100

85 66.4 46.5 86.3

131 10.5 8.4 12.6



#59

Bromoform

Concen: 53.487 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

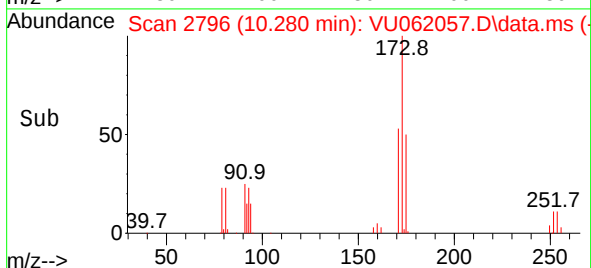
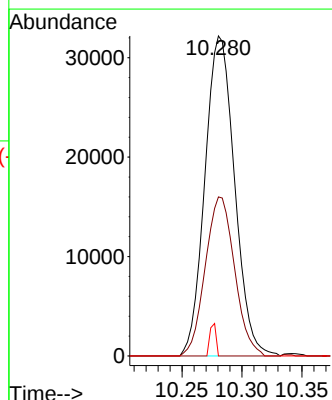
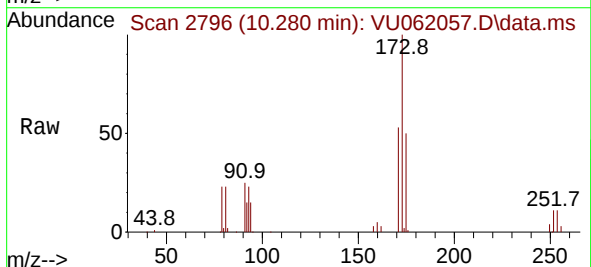
Tgt Ion:173 Resp: 55406

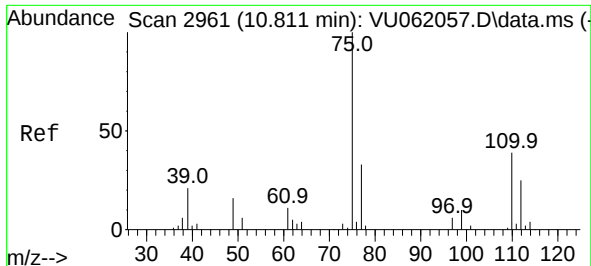
Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

254 2.1 1.7 2.5





#60

1,2,3-Trichloropropane

Concen: 47.607 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

ClientSampleId :

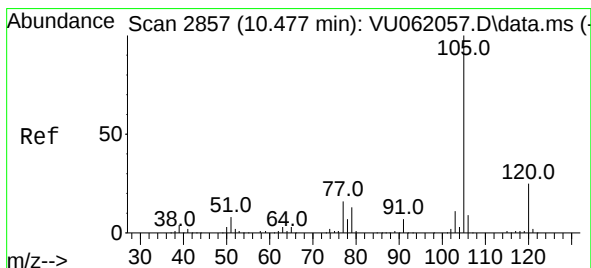
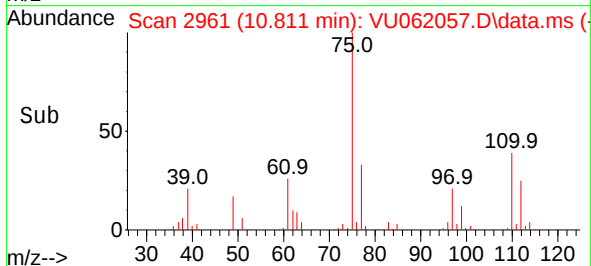
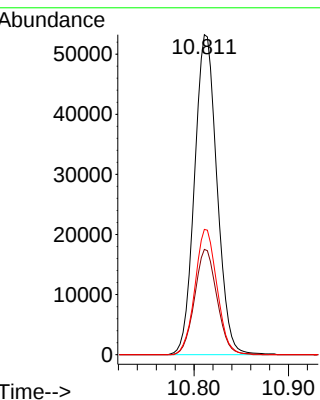
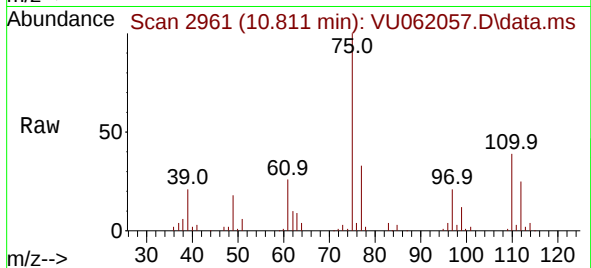
Tgt Ion: 75 Resp: 87857

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

110 38.4 30.7 46.1



#61

Isopropylbenzene

Concen: 52.944 ug/L

RT: 10.477 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

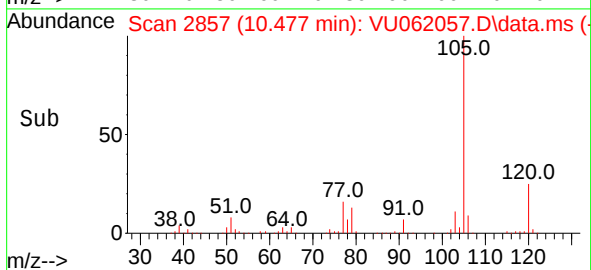
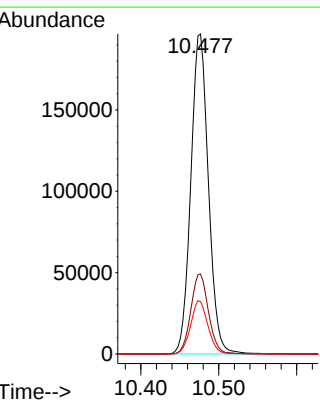
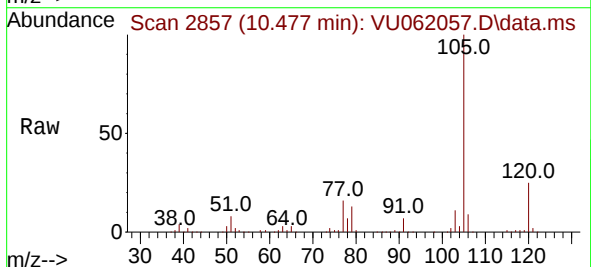
Tgt Ion:105 Resp: 308275

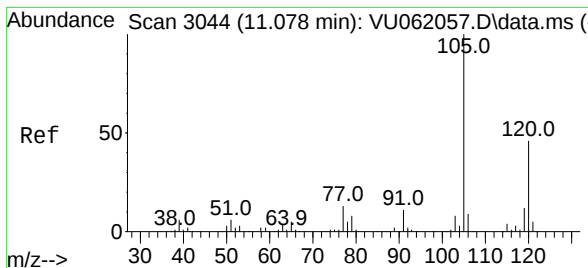
Ion Ratio Lower Upper

105 100

120 25.0 20.0 30.0

77 16.4 13.1 19.7





#62

1,3,5-Trimethylbenzene

Concen: 54.491 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

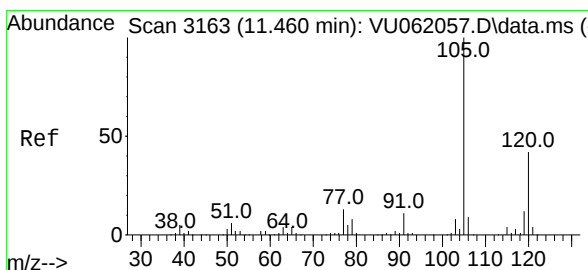
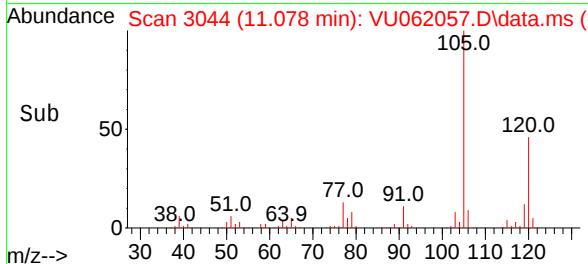
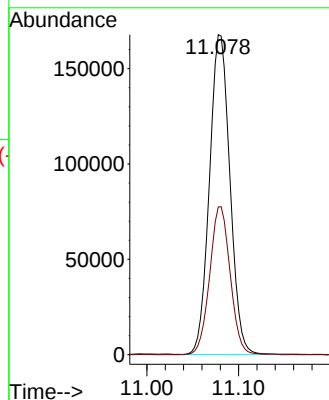
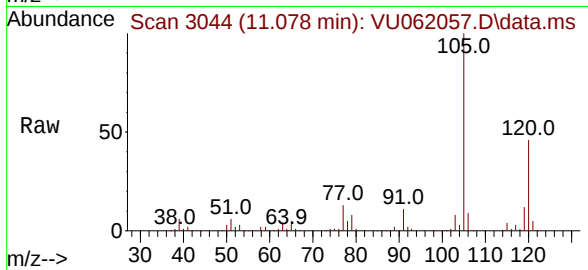
ClientSampleId :

Tgt Ion:105 Resp: 260009

Ion Ratio Lower Upper

105 100

120 46.3 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 55.179 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062057.D

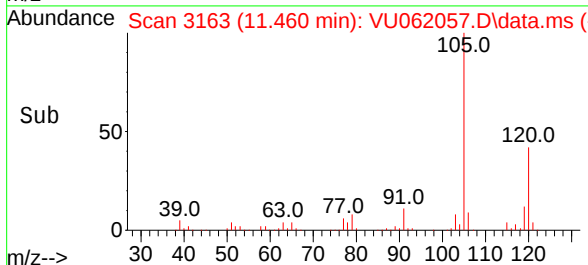
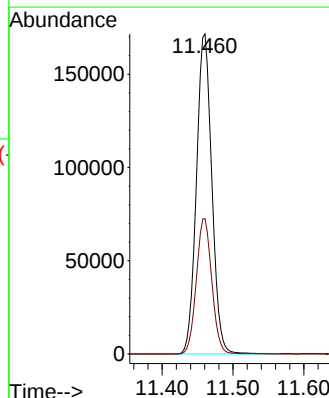
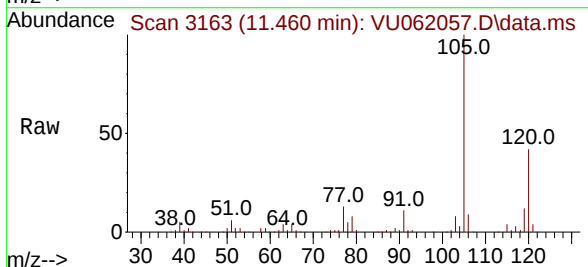
Acq: 27 Nov 2024 16:20

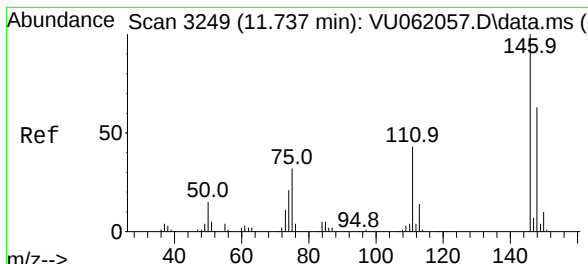
Tgt Ion:105 Resp: 259574

Ion Ratio Lower Upper

105 100

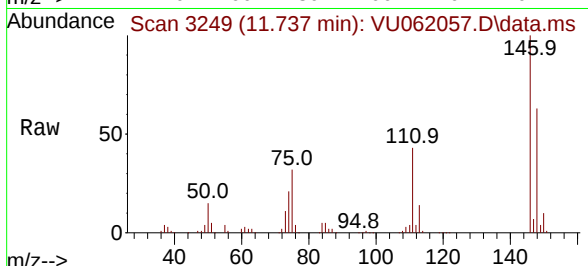
120 42.3 33.8 50.8



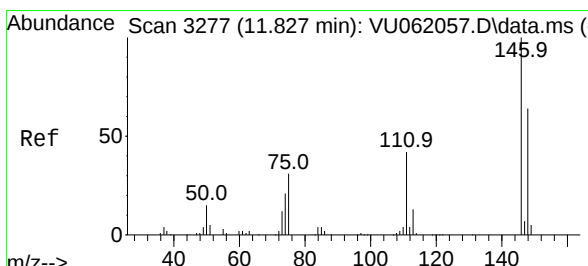
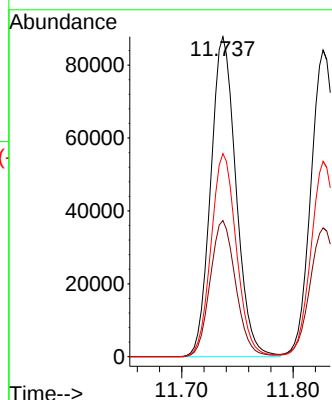
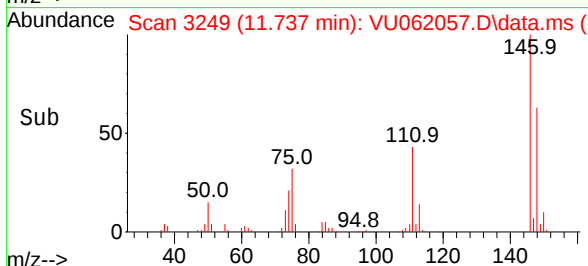


#64
1,3-Dichlorobenzene
Concen: 52.885 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

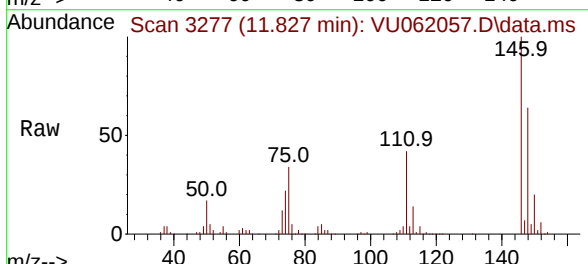
Instrument :
MSVOA_U
ClientSampleId :



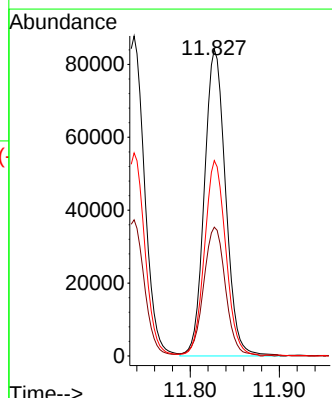
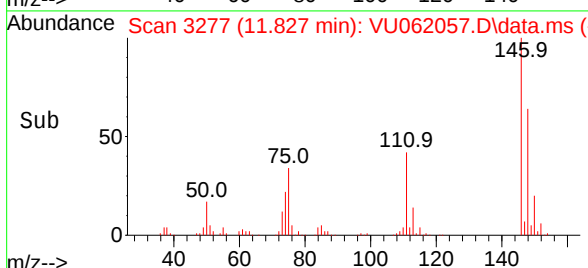
Tgt Ion:146 Resp: 138758
Ion Ratio Lower Upper
146 100
111 42.6 29.8 55.4
148 63.5 44.4 82.5

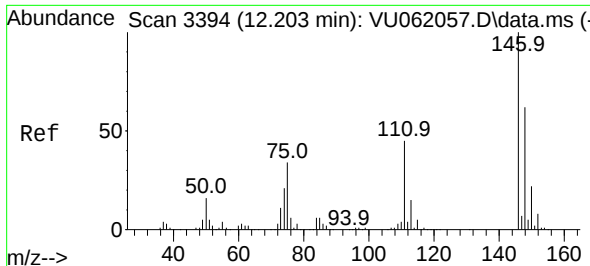


#65
1,4-Dichlorobenzene
Concen: 52.417 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20



Tgt Ion:146 Resp: 139344
Ion Ratio Lower Upper
146 100
111 42.0 29.4 54.6
148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 51.702 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

ClientSampleId :

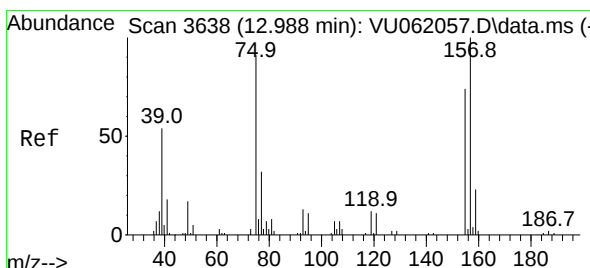
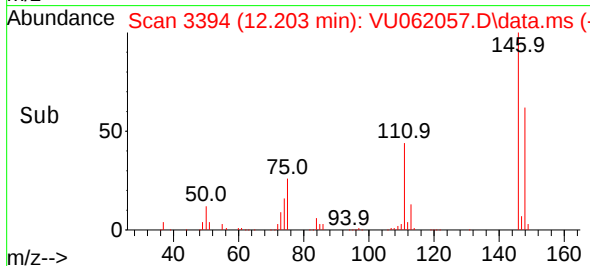
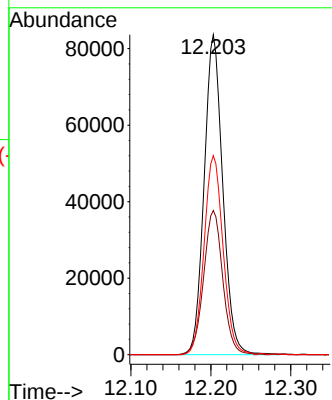
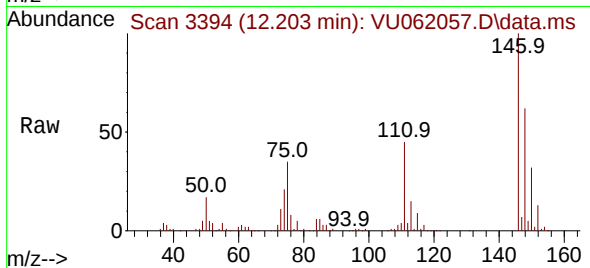
Tgt Ion:146 Resp: 135460

Ion Ratio Lower Upper

146 100

111 45.1 36.1 54.1

148 62.2 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 49.311 ug/L

RT: 12.988 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

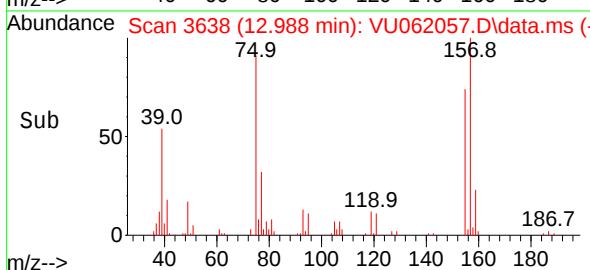
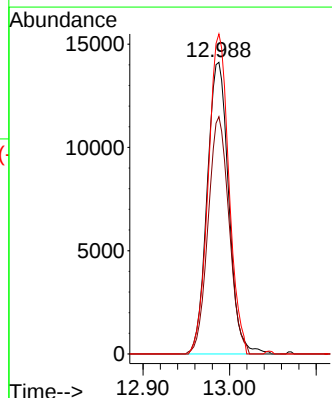
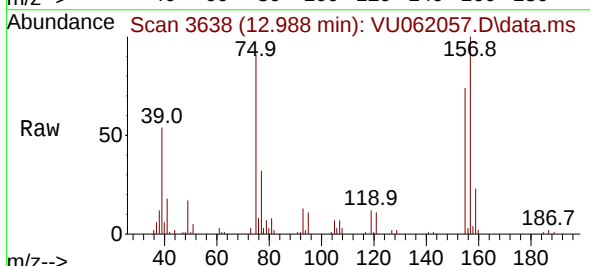
Tgt Ion: 75 Resp: 24340

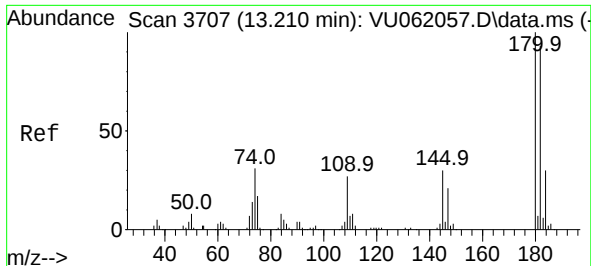
Ion Ratio Lower Upper

75 100

155 81.4 65.1 97.7

157 114.0 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 55.163 ug/L

RT: 13.210 min Scan# 3707

Delta R.T. 0.000 min

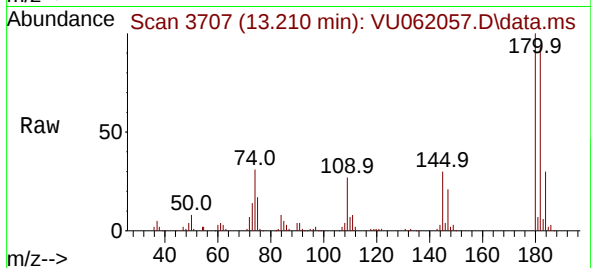
Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 97484

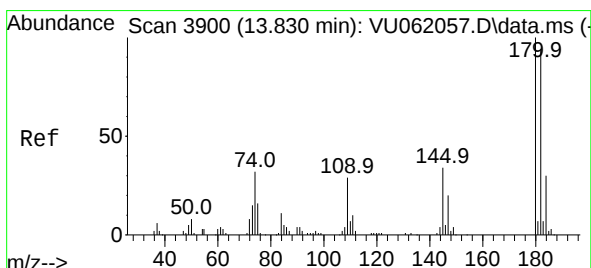
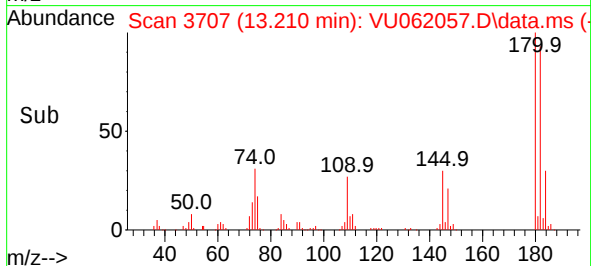
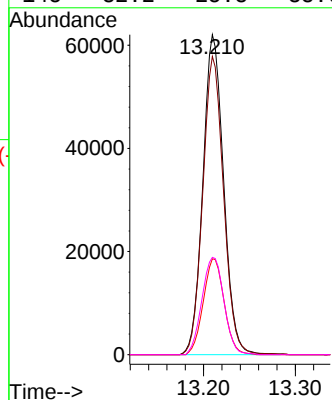
Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

184 30.2 24.2 36.2

145 32.2 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 55.019 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU062057.D

Acq: 27 Nov 2024 16:20

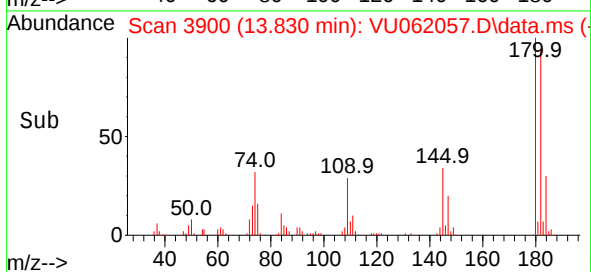
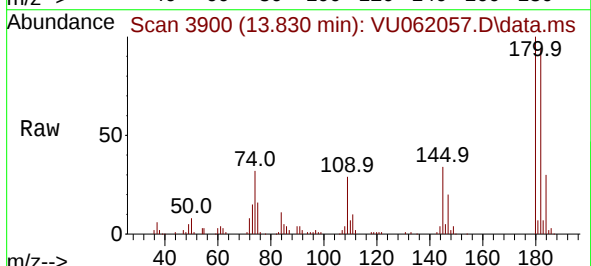
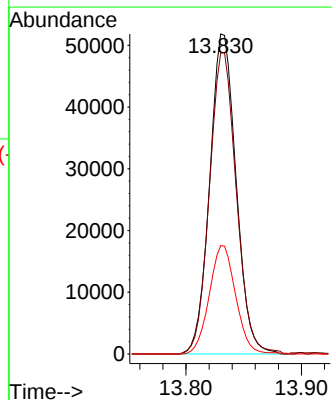
Tgt Ion:180 Resp: 82237

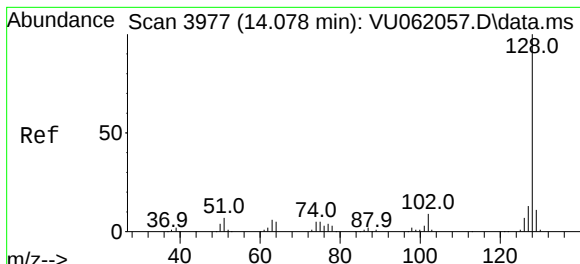
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 33.9 27.1 40.7

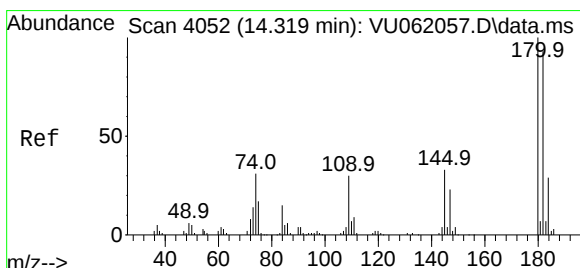
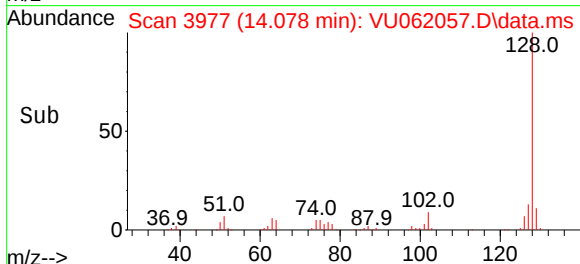
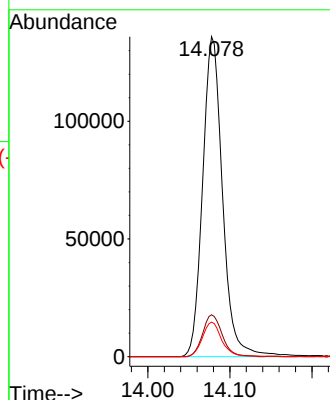
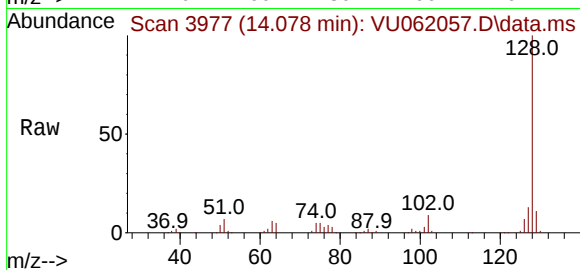




#71
Naphthalene
Concen: 48.828 ug/L
RT: 14.078 min Scan# 3977
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 228625
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 54.678 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. 0.000 min
Lab File: VU062057.D
Acq: 27 Nov 2024 16:20

Tgt Ion:180 Resp: 80264
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 34.2 27.4 41.0

