

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062055.D
 Acq On : 27 Nov 2024 15:03
 Operator : MD/SY
 Sample : VSTD005
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 00:45:30 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	6.242	114	174796	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160143	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	6109	5.001	ug/L	0.00
7) Chloroethane-d5	1.904	69	4586	4.409	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	63	11292	4.960	ug/L	0.00
21) 2-Butanone-d5	4.647	46	3419	3.530	ug/L	0.03
24) Chloroform-d	5.058	84	12422	4.811	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	7797	4.742	ug/L	0.00
32) Benzene-d6	5.721	84	22180	4.421	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	7072	4.606	ug/L	0.00
41) Toluene-d8	7.894	98	19561	4.198	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	3049	3.960	ug/L	0.00
47) 2-Hexanone-d5	8.634	63	4017	5.442	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	10260	4.298	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	7619	4.717	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	7840	5.983	ug/L	100
3) Chloromethane	1.518	50	6506	5.469	ug/L	94
5) Vinyl chloride	1.602	62	6838	5.428	ug/L	92
6) Bromomethane	1.849	94	3943	4.475	ug/L	95
8) Chloroethane	1.927	64	4145	5.117	ug/L	96
9) Trichlorofluoromethane	2.132	101	10413	5.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5941	5.665	ug/L	99
12) 1,1-Dichloroethene	2.573	96	5035	5.143	ug/L	88
13) Acetone	2.628	43	10712	13.837	ug/L	94
14) Carbon disulfide	2.788	76	15466	5.187	ug/L	98
15) Methyl Acetate	2.952	43	5415	4.624	ug/L	90
16) Methylene chloride	3.042	84	6017	5.020	ug/L	99
17) trans-1,2-Dichloroethene	3.351	96	5178	4.879	ug/L	88
18) Methyl tert-butyl Ether	3.357	73	17642	4.863	ug/L	99
19) 1,1-Dichloroethane	3.862	63	10430	5.154	ug/L	97
20) cis-1,2-Dichloroethene	4.663	96	5981	4.800	ug/L	87
22) 2-Butanone	4.724	43	8449	8.848	ug/L	78
23) Bromochloromethane	4.968	128	3281	5.187	ug/L	96
25) Chloroform	5.081	83	10988	5.050	ug/L	97
27) 1,2-Dichloroethane	5.791	62	8819	5.081	ug/L	99
29) Cyclohexane	5.380	56	8316	4.809	ug/L	95
30) 1,1,1-Trichloroethane	5.306	97	10010	5.553	ug/L	98
31) Carbon tetrachloride	5.518	117	8834	5.630	ug/L	98
33) Benzene	5.769	78	22411	4.916	ug/L	100
34) Trichloroethene	6.537	95	6268	5.217	ug/L	95
35) Methylcyclohexane	6.756	83	9189	4.948	ug/L	97
37) 1,2-Dichloropropane	6.785	63	6359	5.255	ug/L #	93
38) Bromodichloromethane	7.103	83	7915	5.082	ug/L #	97
39) cis-1,3-Dichloropropene	7.605	75	8691	4.498	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	14337	8.826	ug/L	99
42) Toluene	7.965	91	23559	4.754	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	8099	4.506	ug/L	97

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 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)

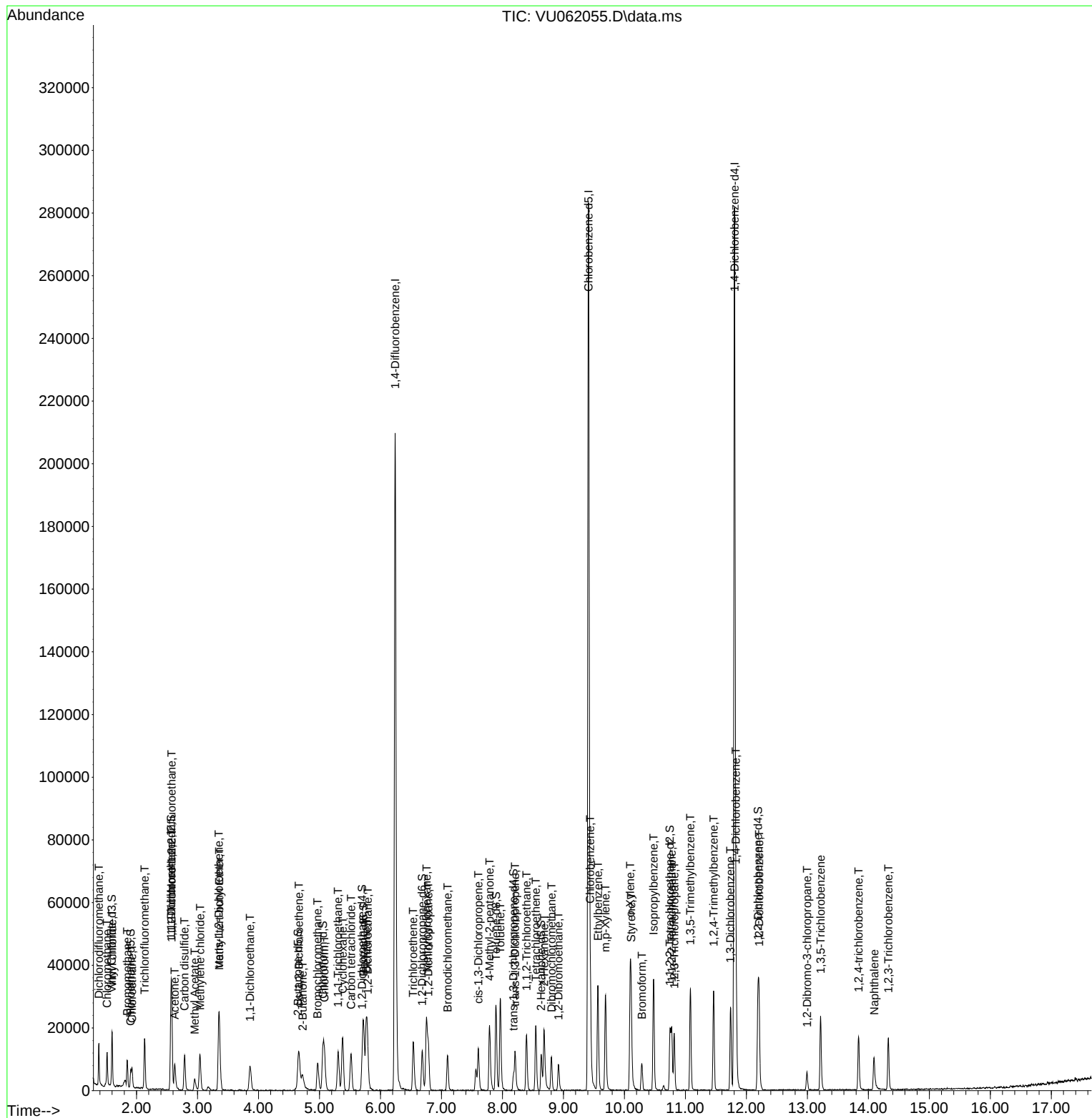
45) 1,1,2-Trichloroethane	8.396	97	5784	4.768	ug/L	96
46) Tetrachloroethene	8.547	164	5029	5.712	ug/L	93
48) 2-Hexanone	8.685	43	12386	9.387	ug/L	99
49) Dibromochloromethane	8.804	129	5787	4.772	ug/L	99
50) 1,2-Dibromoethane	8.920	107	6002	4.489	ug/L #	96
51) Chlorobenzene	9.441	112	15478	4.901	ug/L	95
52) Ethylbenzene	9.566	91	25144	4.672	ug/L	99
53) m,p-Xylene	9.688	106	9145	4.475	ug/L	98
54) o-Xylene	10.097	106	8975	4.458	ug/L	99
55) Styrene	10.113	104	14289	4.321	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	9496	4.553	ug/L #	98
59) Bromoform	10.286	173	4465	5.089	ug/L	92
60) 1,2,3-Trichloropropane	10.817	75	7754	4.961	ug/L	99
61) Isopropylbenzene	10.479	105	23728	4.812	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	19895	4.923	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	18127	4.550	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	11663	5.249	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	11818	5.249	ug/L	91
67) 1,2-Dichlorobenzene	12.209	146	11211	5.053	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	1981	4.739	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.219	180	8306	5.550	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	6017	4.753	ug/L	98
71) Naphthalene	14.097	128	11862	2.991	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.328	180	6029	4.850	ug/L	90

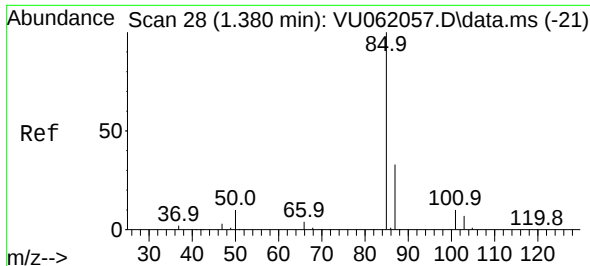
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Misc : 5mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 28 00:45:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
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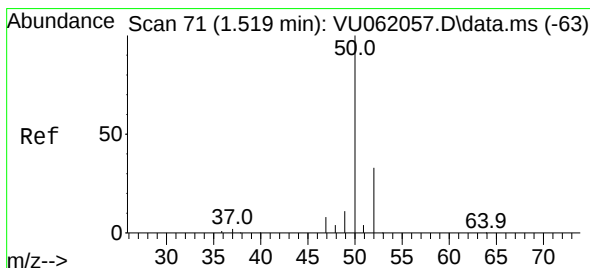
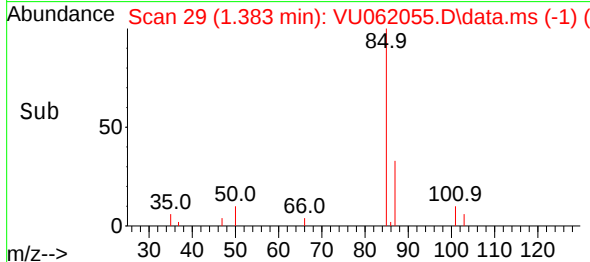
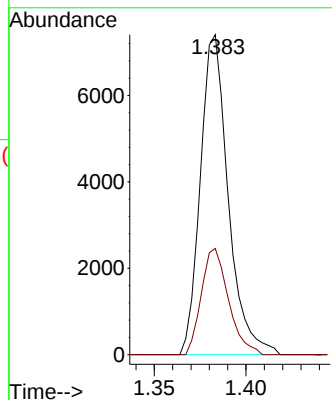
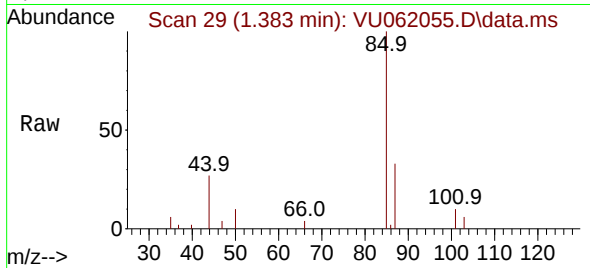




#2
 Dichlorodifluoromethane
 Concen: 5.983 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU062055.D
 Acq: 27 Nov 2024 15:03

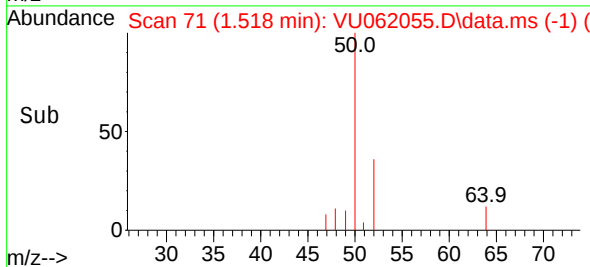
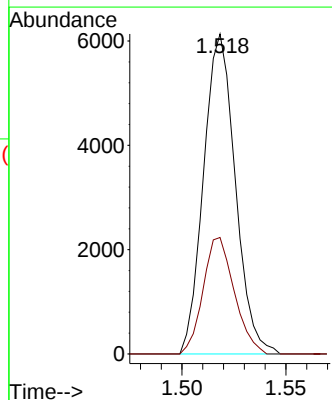
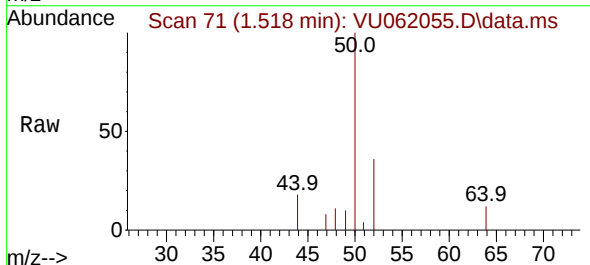
Instrument :
 MSVOA_U
 ClientSampleId :

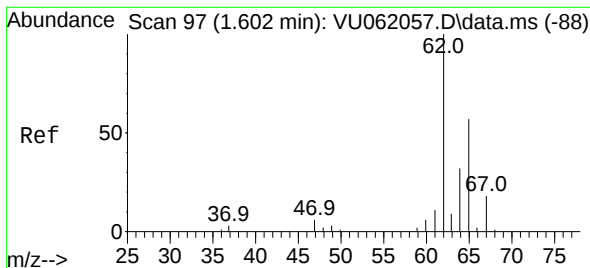
Tgt Ion: 85 Resp: 7840
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 5.469 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU062055.D
 Acq: 27 Nov 2024 15:03

Tgt Ion: 50 Resp: 6506
 Ion Ratio Lower Upper
 50 100
 52 36.4 23.3 43.3





#5

Vinyl chloride

Concen: 5.428 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

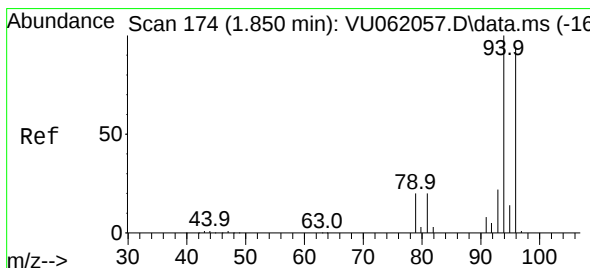
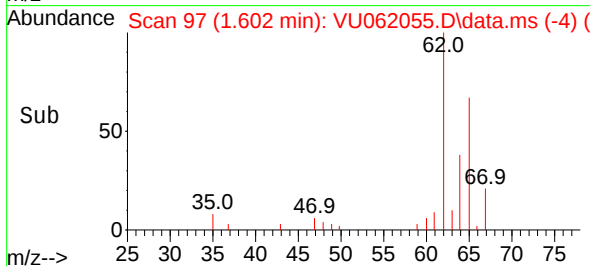
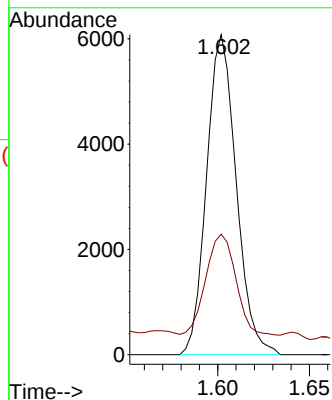
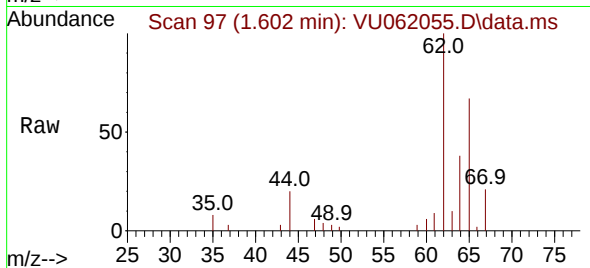
ClientSampleId :

Tgt Ion: 62 Resp: 6838

Ion Ratio Lower Upper

62 100

64 37.6 23.0 42.8



#6

Bromomethane

Concen: 4.475 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU062055.D

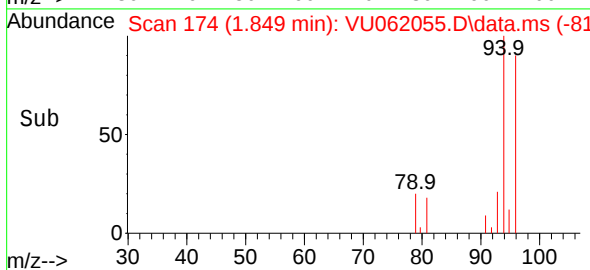
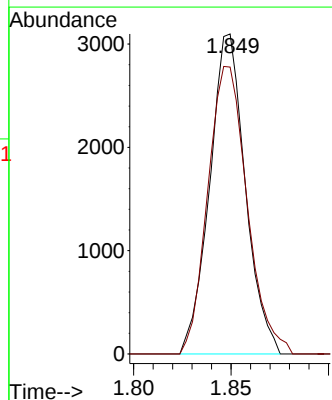
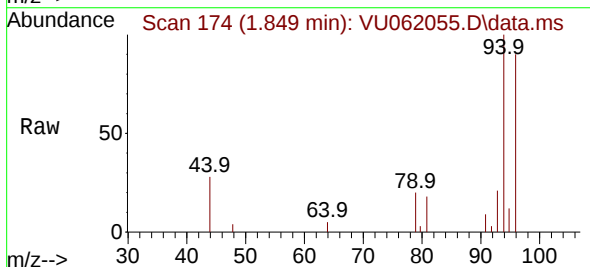
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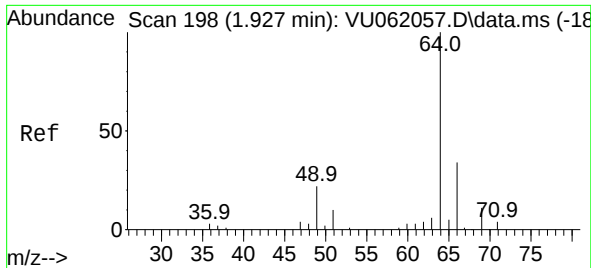
Tgt Ion: 94 Resp: 3943

Ion Ratio Lower Upper

94 100

96 89.7 66.0 122.6

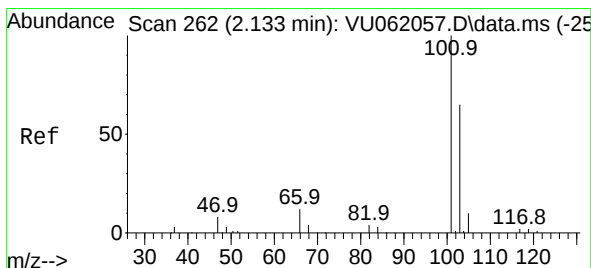
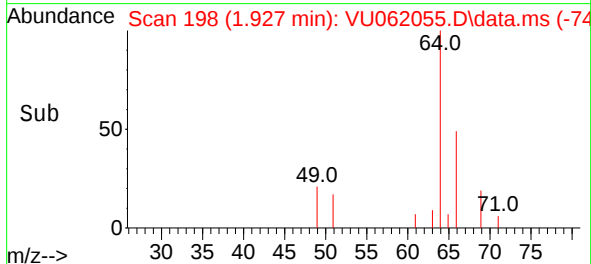
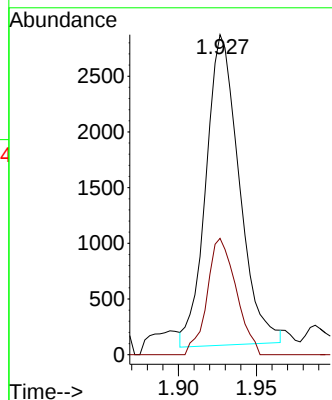
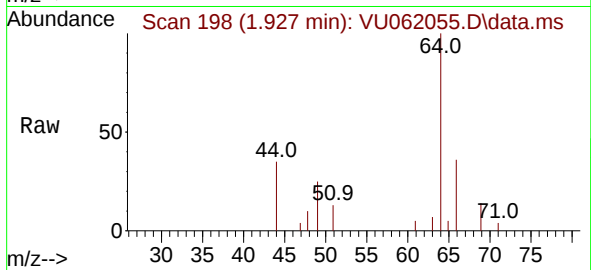




#8
Chloroethane
Concen: 5.117 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

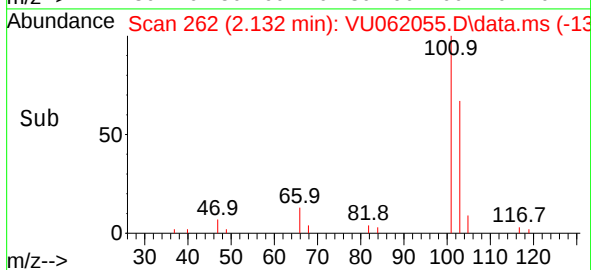
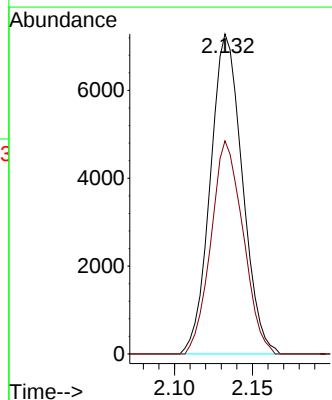
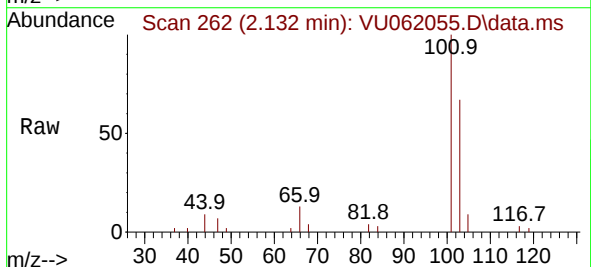
Instrument :
MSVOA_U
ClientSampleId :

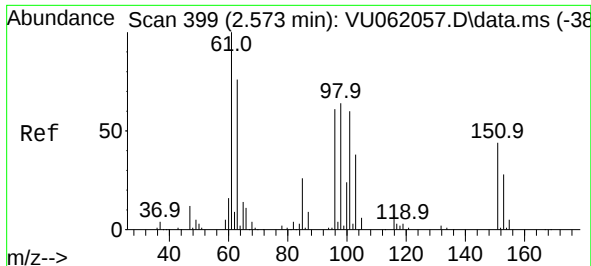
Tgt Ion: 64 Resp: 4145
Ion Ratio Lower Upper
64 100
66 36.4 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.735 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion:101 Resp: 10413
Ion Ratio Lower Upper
101 100
103 66.7 52.9 79.3

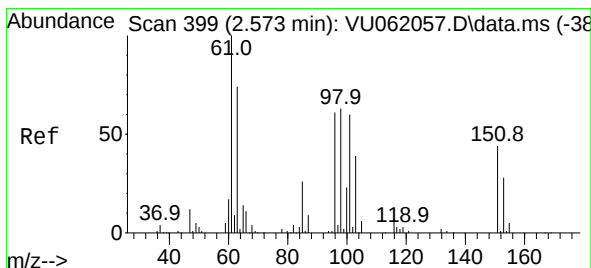
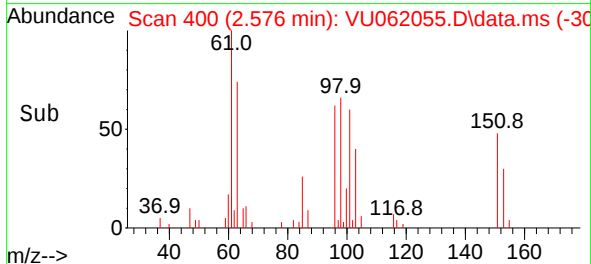
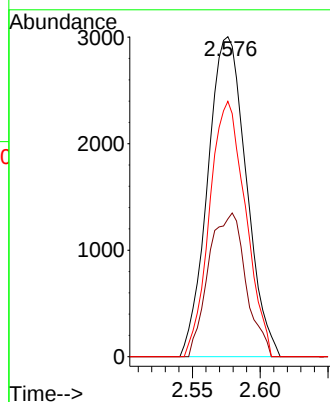
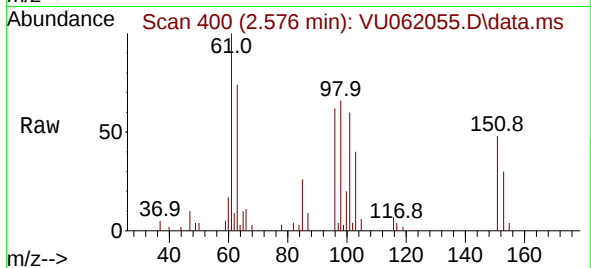




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.665 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU062055.D
 Acq: 27 Nov 2024 15:03

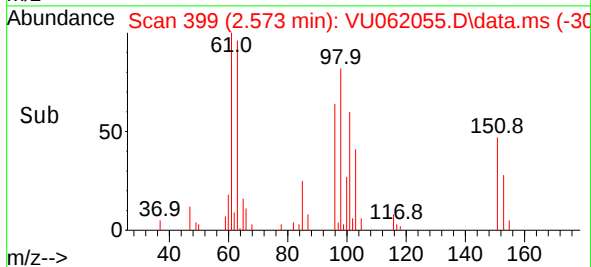
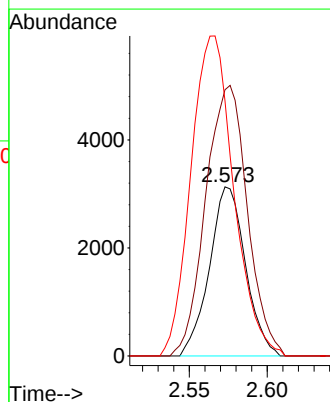
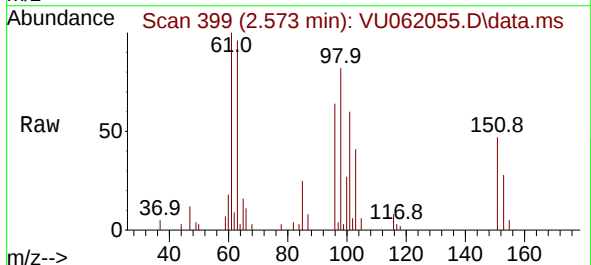
Instrument :
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 ClientSampleId :

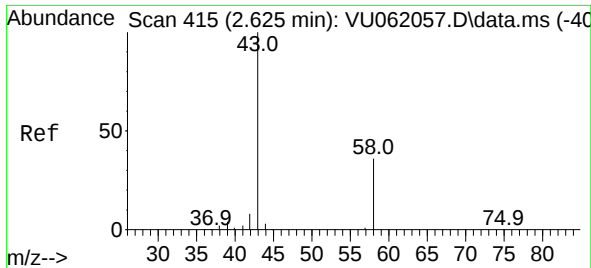
Tgt Ion:101 Resp: 5941
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.7 52.1
 151 74.6 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 5.143 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062055.D
 Acq: 27 Nov 2024 15:03

Tgt Ion: 96 Resp: 5035
 Ion Ratio Lower Upper
 96 100
 61 157.4 115.2 214.0
 63 150.7 89.3 165.9





#13

Acetone

Concen: 13.837 ug/L

RT: 2.628 min Scan# 415

Delta R.T. 0.003 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

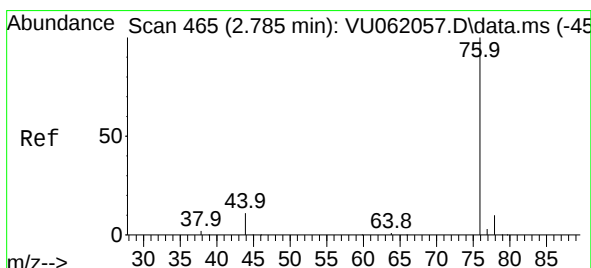
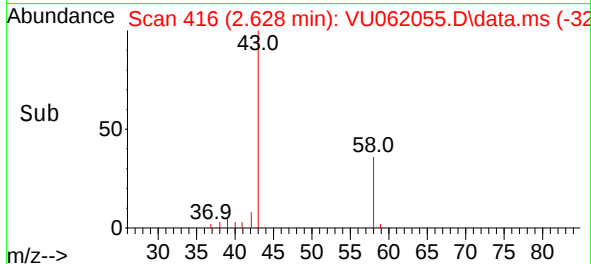
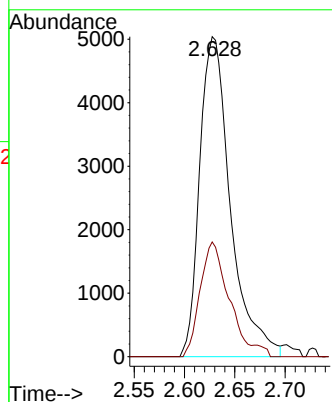
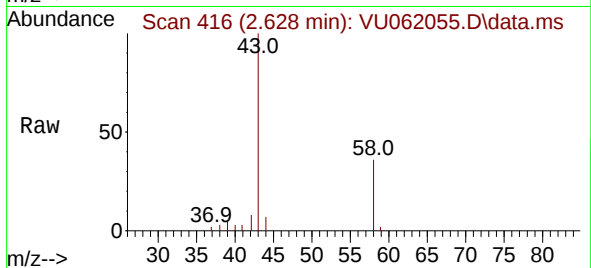
ClientSampleId :

Tgt Ion: 43 Resp: 10712

Ion Ratio Lower Upper

43 100

58 32.8 0.0 72.4



#14

Carbon disulfide

Concen: 5.187 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062055.D

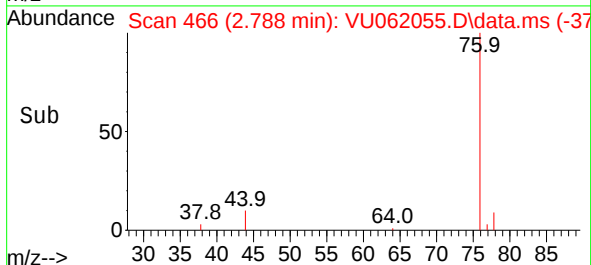
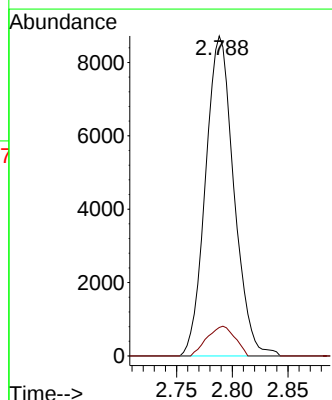
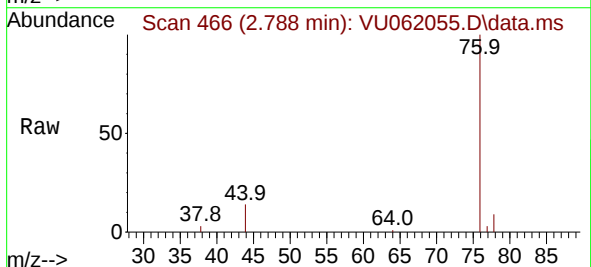
Acq: 27 Nov 2024 15:03

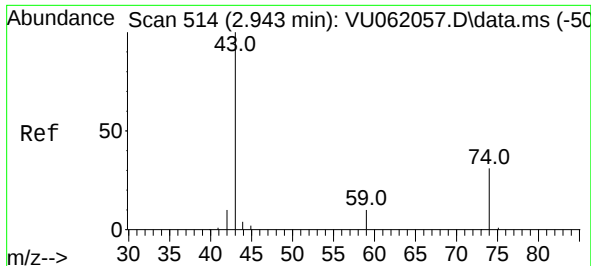
Tgt Ion: 76 Resp: 15466

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.6





#15

Methyl Acetate

Concen: 4.624 ug/L

RT: 2.952 min Scan# 51

Delta R.T. 0.009 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

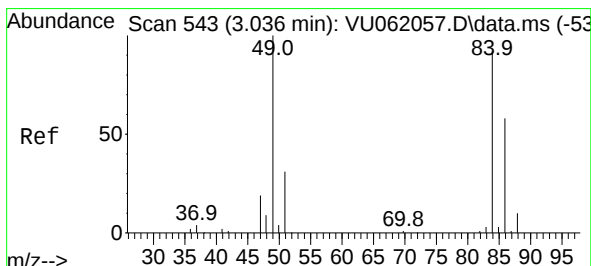
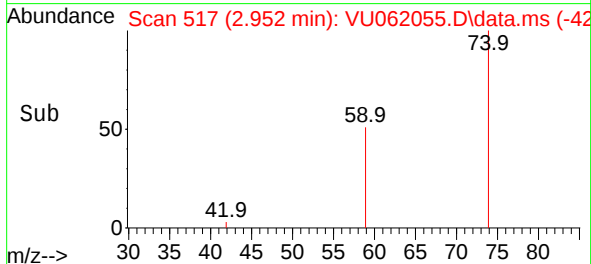
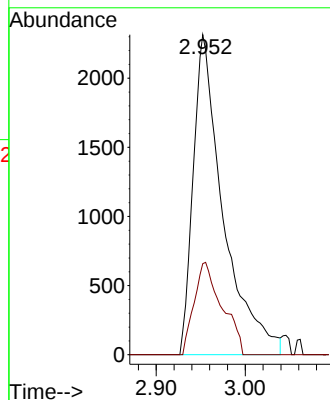
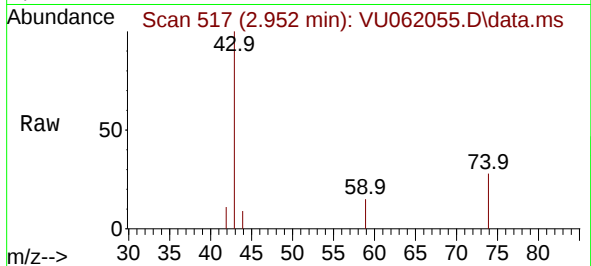
ClientSampleId :

Tgt Ion: 43 Resp: 5415

Ion Ratio Lower Upper

43 100

74 23.7 23.4 35.2



#16

Methylene chloride

Concen: 5.020 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.006 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

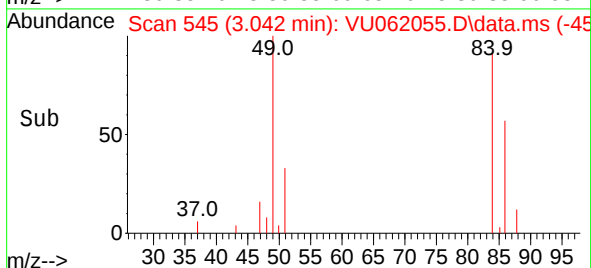
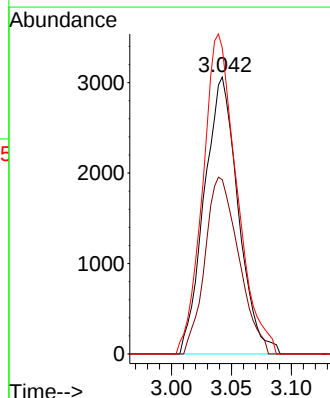
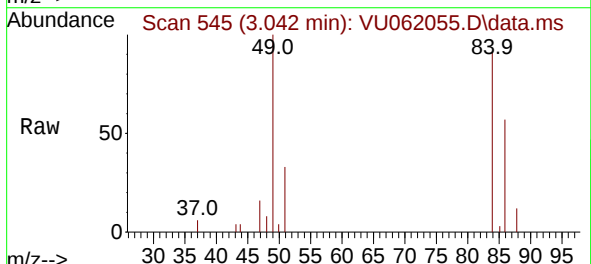
Tgt Ion: 84 Resp: 6017

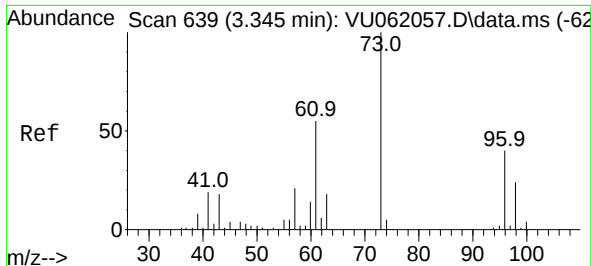
Ion Ratio Lower Upper

84 100

86 62.9 44.4 82.4

49 110.5 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 4.879 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.006 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

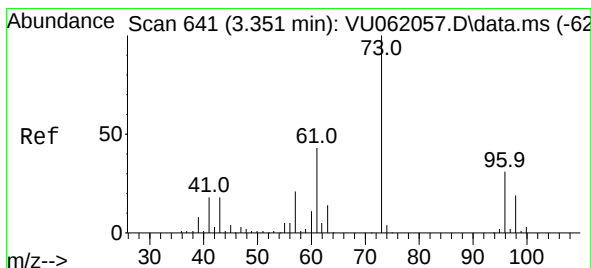
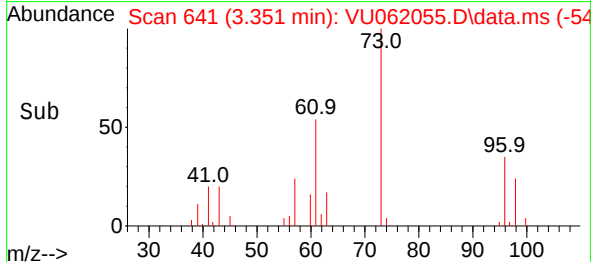
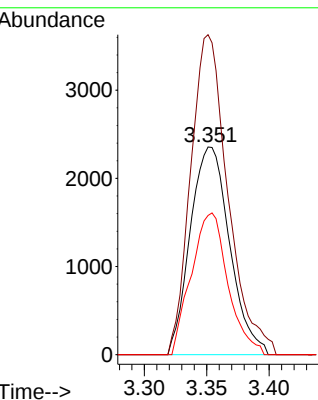
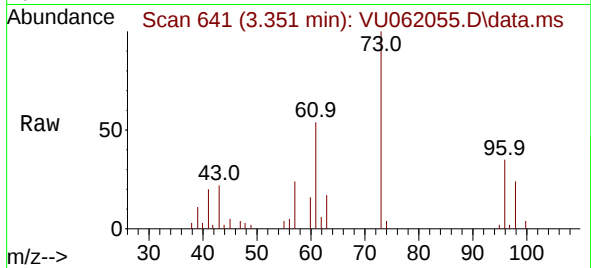
Tgt Ion: 96 Resp: 5178

Ion Ratio Lower Upper

96 100

61 154.1 96.2 178.6

98 67.0 42.7 79.3



#18

Methyl tert-butyl Ether

Concen: 4.863 ug/L

RT: 3.357 min Scan# 643

Delta R.T. 0.006 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

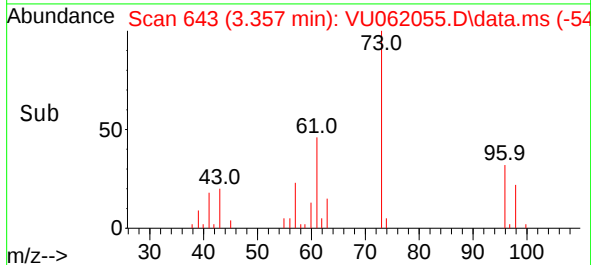
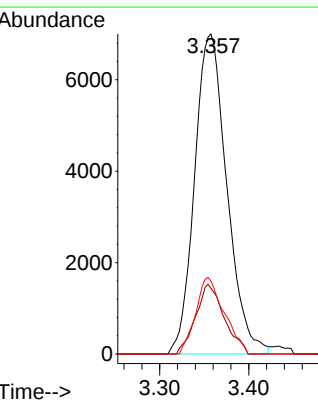
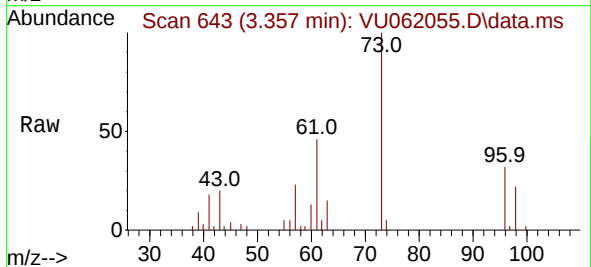
Tgt Ion: 73 Resp: 17642

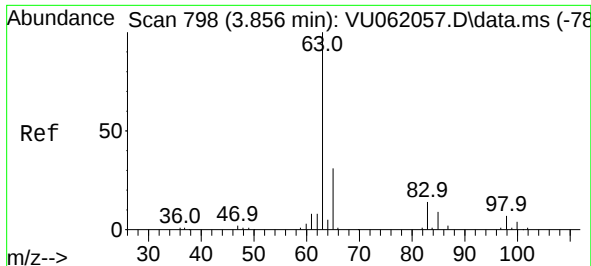
Ion Ratio Lower Upper

73 100

43 19.2 14.7 22.1

57 21.0 16.4 24.6

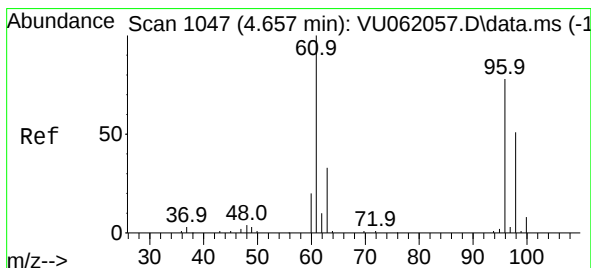
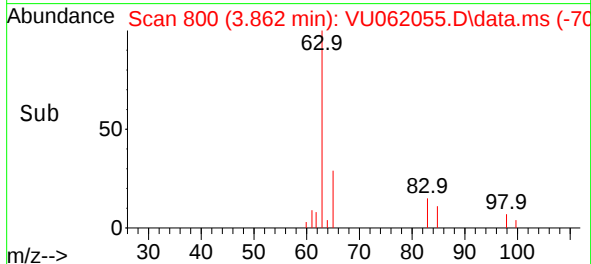
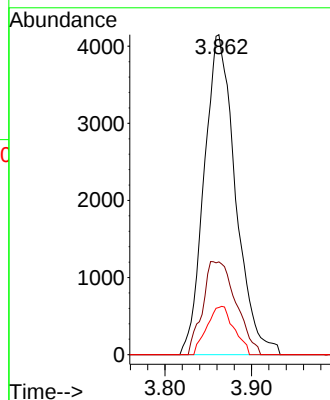
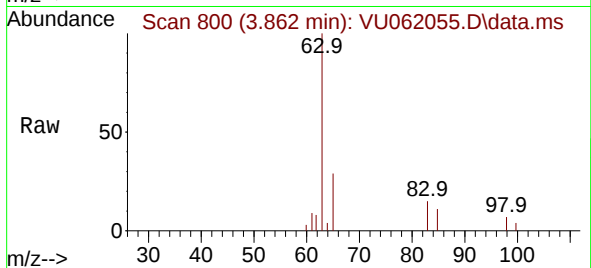




#19
1,1-Dichloroethane
Concen: 5.154 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

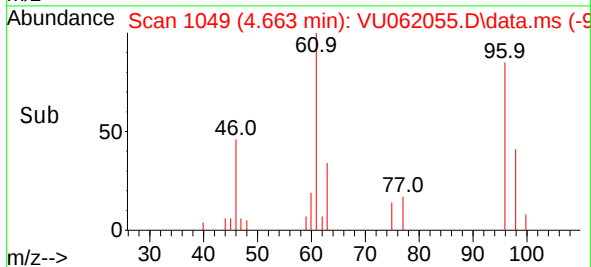
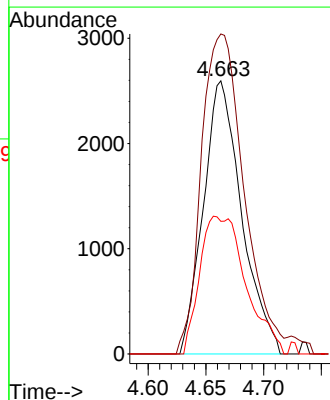
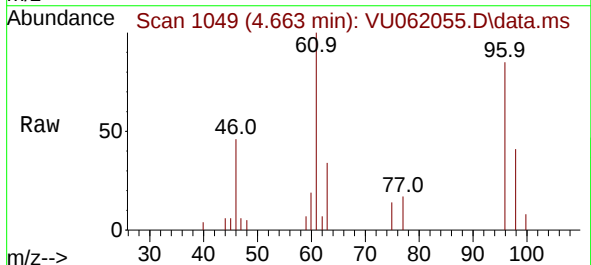
Instrument :
MSVOA_U
ClientSampleId :

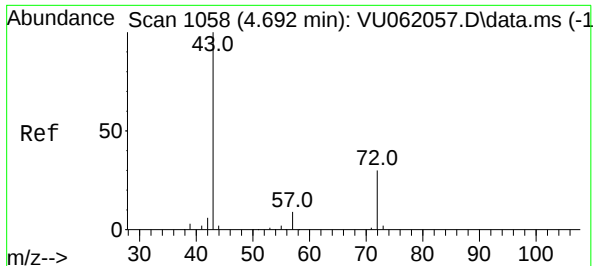
Tgt Ion: 63 Resp: 10430
Ion Ratio Lower Upper
63 100
65 29.0 21.7 40.3
83 14.7 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 4.800 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion: 96 Resp: 5981
Ion Ratio Lower Upper
96 100
61 117.2 90.1 167.3
98 48.6 45.3 84.1

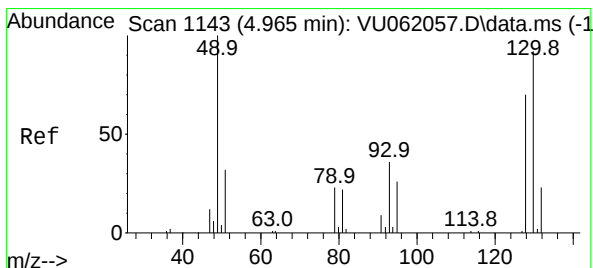
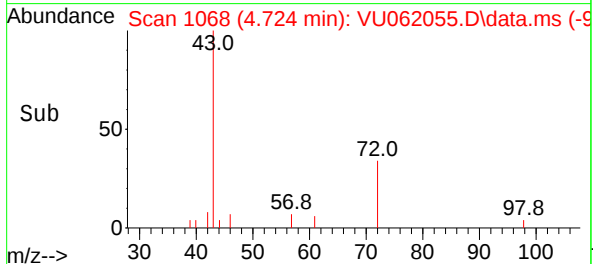
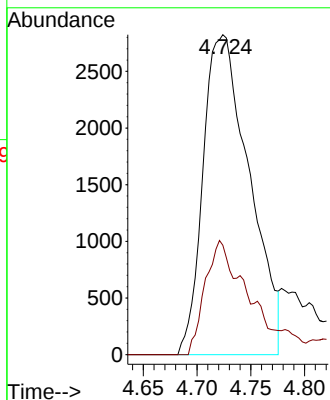
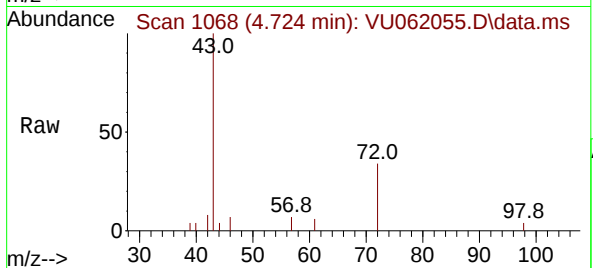




#22
2-Butanone
Concen: 8.848 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.032 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

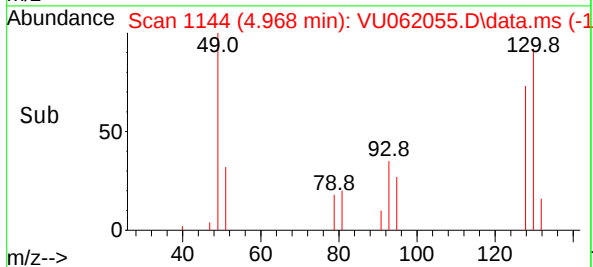
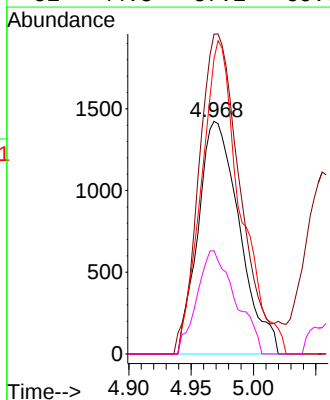
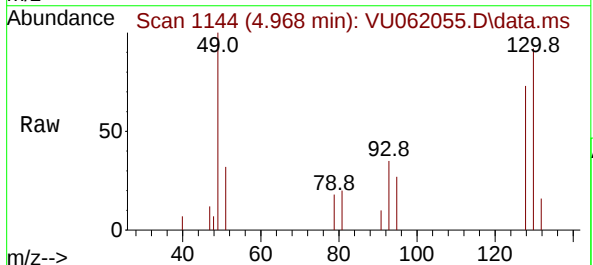
Instrument :
MSVOA_U
ClientSampleId :

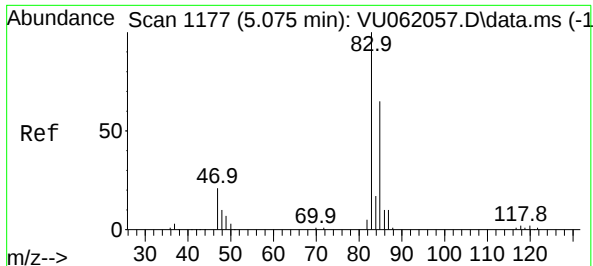
Tgt Ion: 43 Resp: 8449
Ion Ratio Lower Upper
43 100
72 19.4 15.9 47.7



#23
Bromochloromethane
Concen: 5.187 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion:128 Resp: 3281
Ion Ratio Lower Upper
128 100
49 137.5 100.7 187.1
130 127.0 92.4 171.6
51 44.3 37.1 55.7





#25

Chloroform

Concen: 5.050 ug/L

RT: 5.081 min Scan# 1177

Delta R.T. 0.006 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

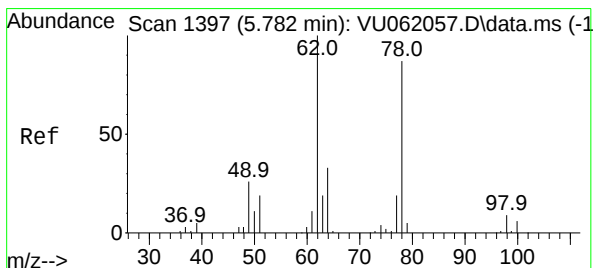
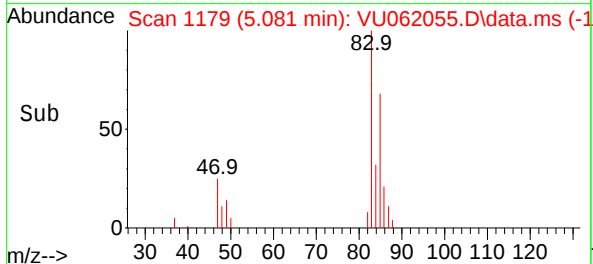
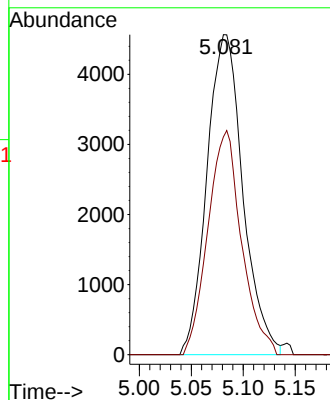
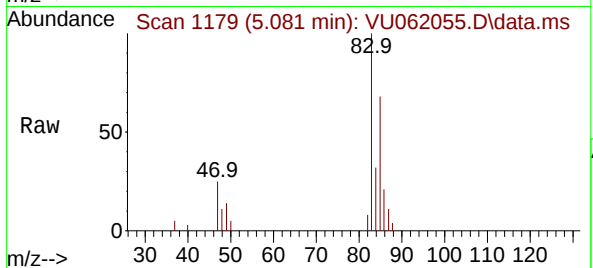
ClientSampleId :

Tgt Ion: 83 Resp: 10988

Ion Ratio Lower Upper

83 100

85 68.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.081 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.009 min

Lab File: VU062055.D

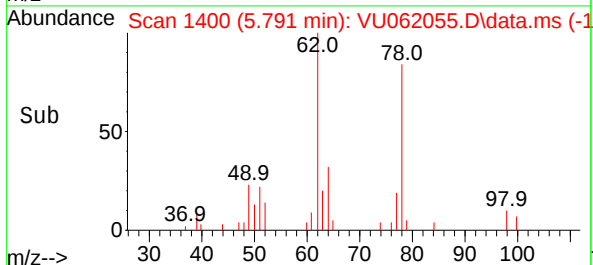
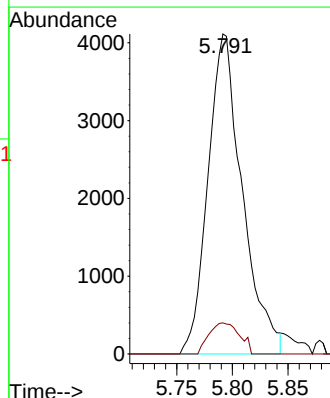
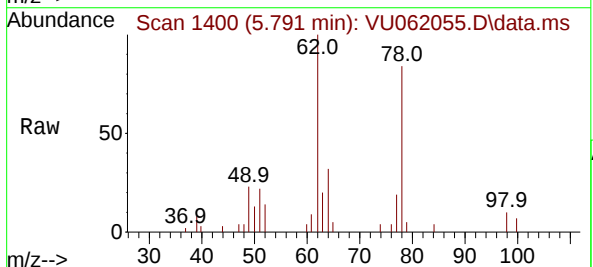
Acq: 27 Nov 2024 15:03

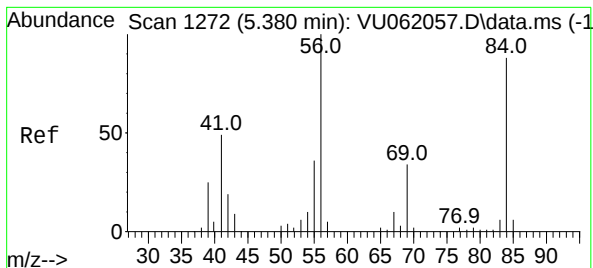
Tgt Ion: 62 Resp: 8819

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 4.809 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

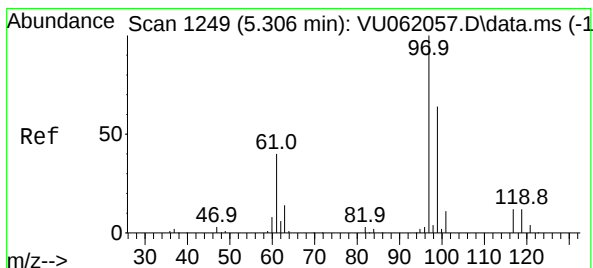
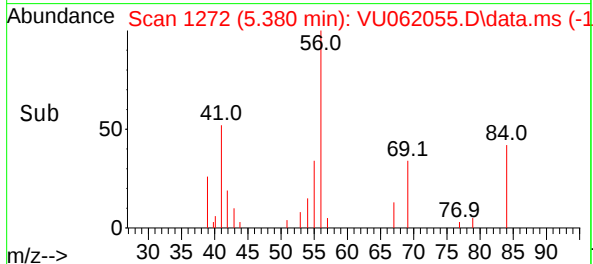
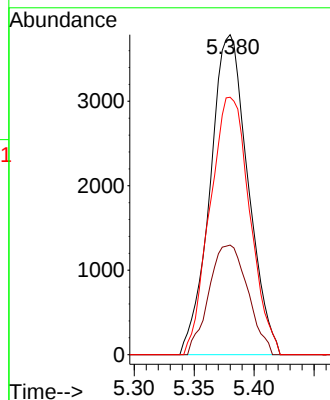
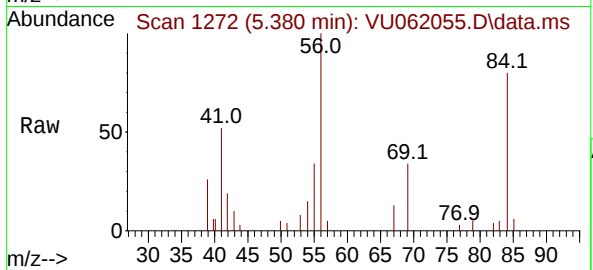
Tgt Ion: 56 Resp: 8316

Ion Ratio Lower Upper

56 100

69 35.1 27.1 40.7

84 84.5 72.1 108.1



#30

1,1,1-Trichloroethane

Concen: 5.553 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

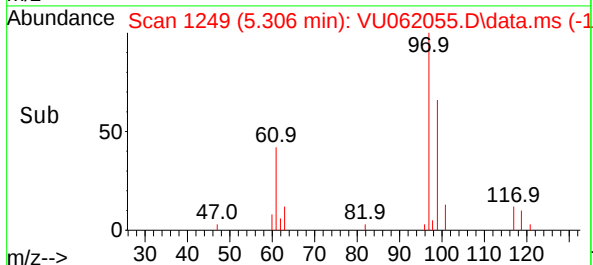
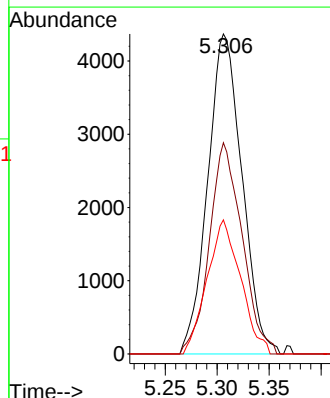
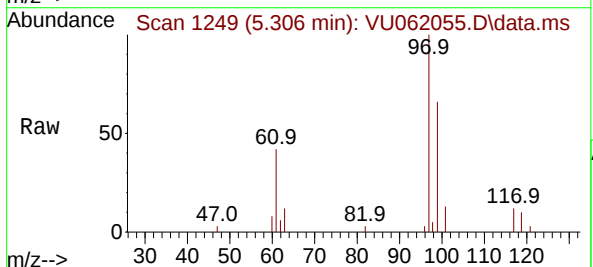
Tgt Ion: 97 Resp: 10010

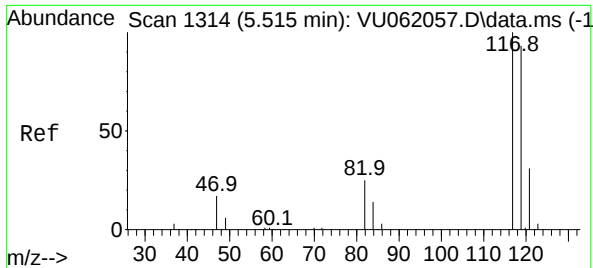
Ion Ratio Lower Upper

97 100

99 63.0 52.0 78.0

61 41.0 32.6 48.8

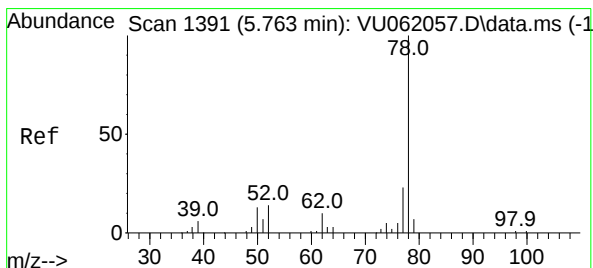
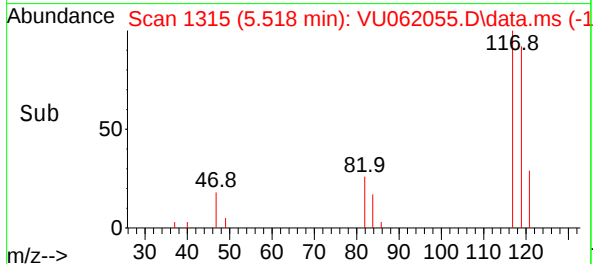
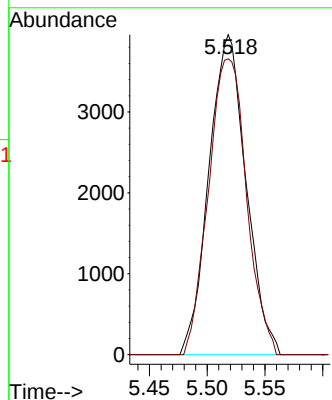
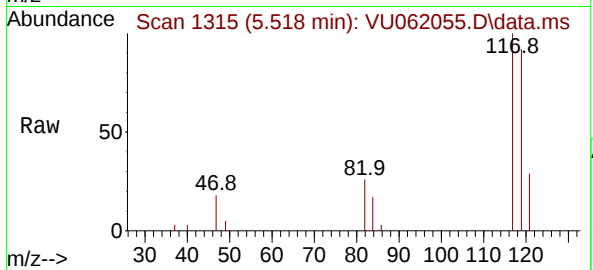




#31
Carbon tetrachloride
Concen: 5.630 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

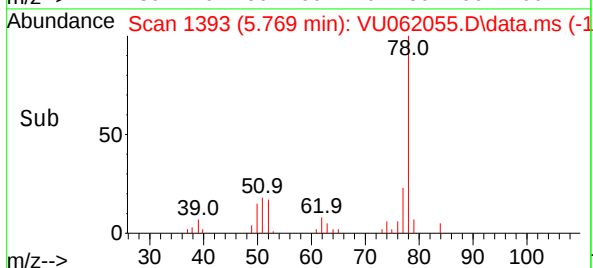
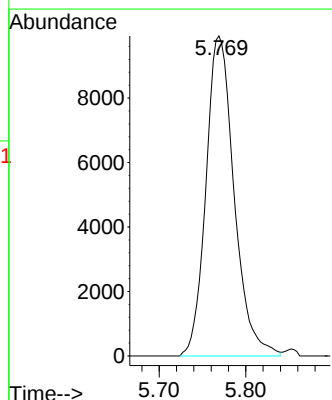
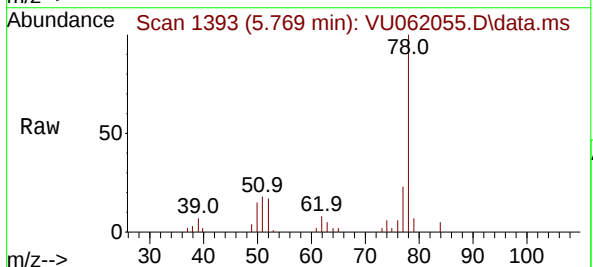
Instrument :
MSVOA_U
ClientSampleId :

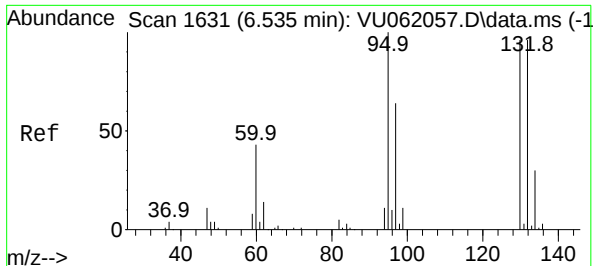
Tgt Ion:117 Resp: 8834
Ion Ratio Lower Upper
117 100
119 94.7 77.0 115.6



#33
Benzene
Concen: 4.916 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion: 78 Resp: 22411

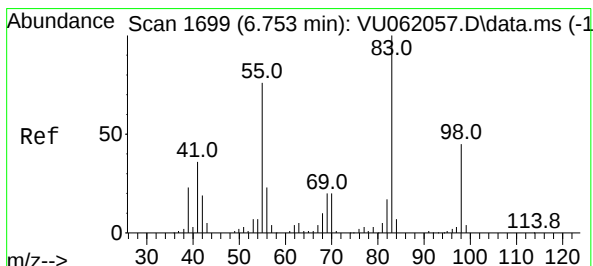
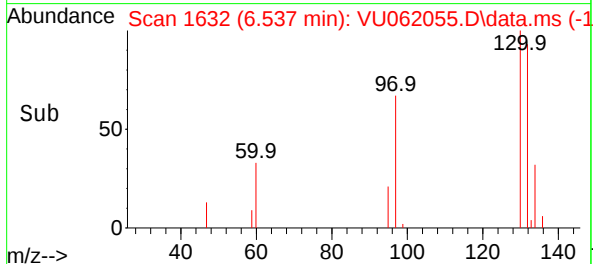
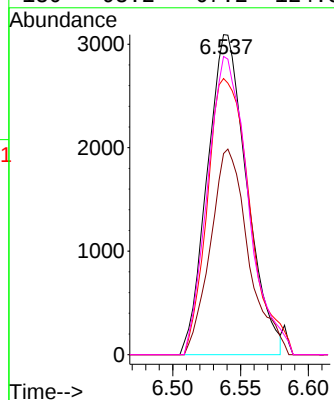
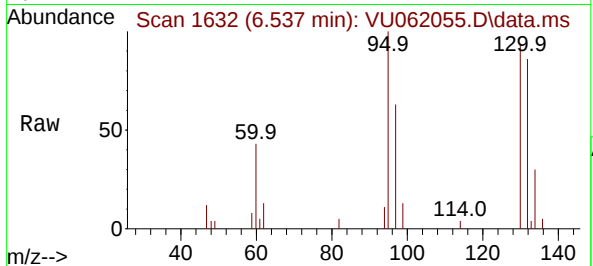




#34
Trichloroethene
Concen: 5.217 ug/L
RT: 6.537 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

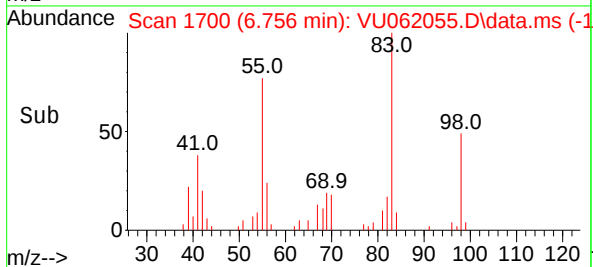
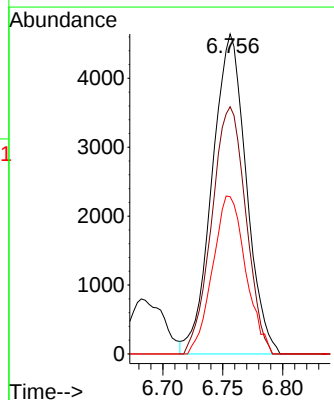
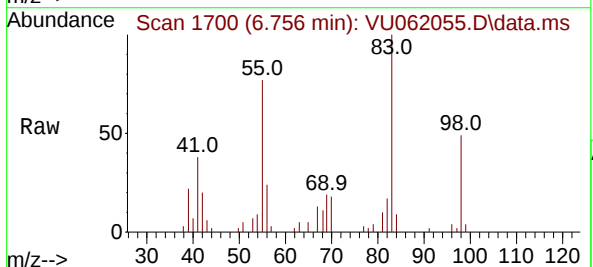
Instrument :
MSVOA_U
ClientSampleId :

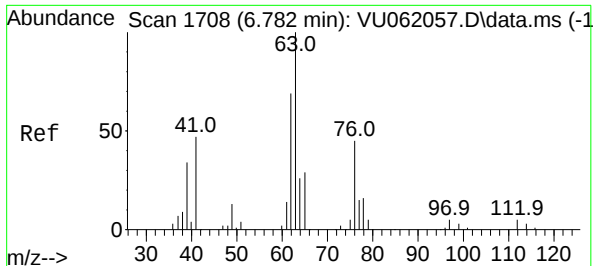
Tgt Ion: 95 Resp: 6268
Ion Ratio Lower Upper
95 100
97 62.8 44.6 82.8
132 86.3 67.3 124.9
130 93.2 67.2 124.8



#35
Methylcyclohexane
Concen: 4.948 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion: 83 Resp: 9189
Ion Ratio Lower Upper
83 100
55 77.0 60.1 90.1
98 47.8 35.8 53.8

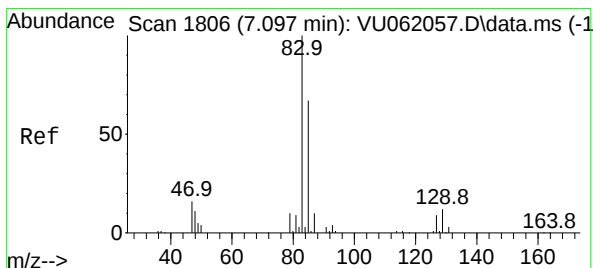
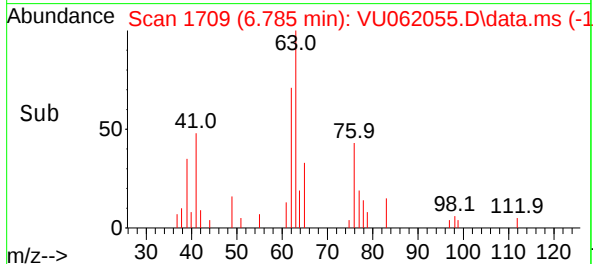
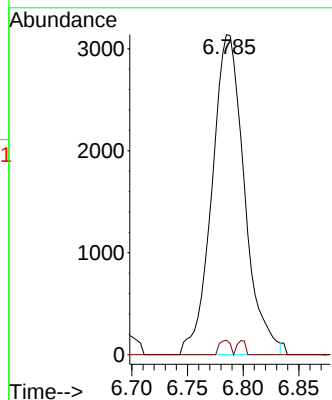
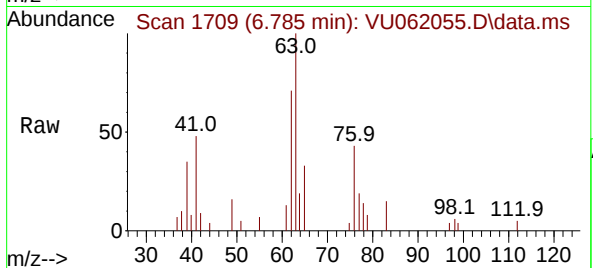




#37
1,2-Dichloropropane
Concen: 5.255 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

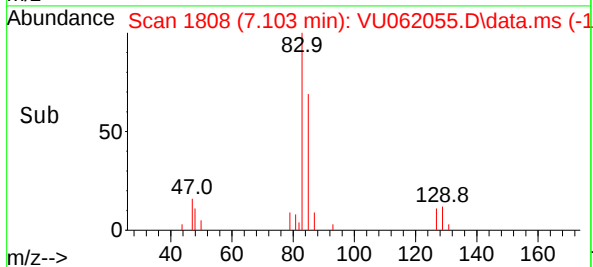
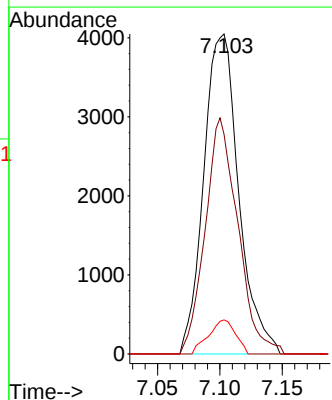
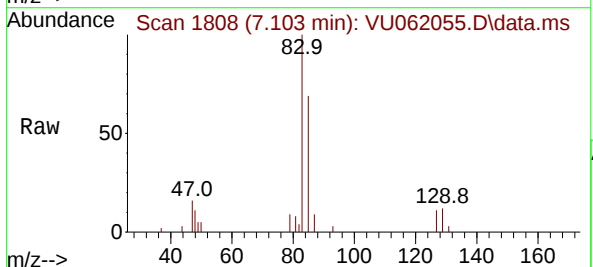
Instrument :
MSVOA_U
ClientSampleId :

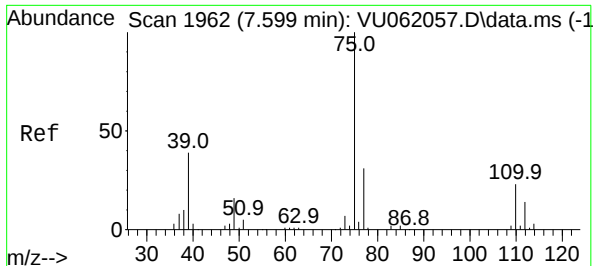
Tgt Ion: 63 Resp: 6359
Ion Ratio Lower Upper
63 100
112 1.5 3.1 4.7#



#38
Bromodichloromethane
Concen: 5.082 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion: 83 Resp: 7915
Ion Ratio Lower Upper
83 100
85 68.7 46.8 87.0
127 10.6 6.8 10.2#

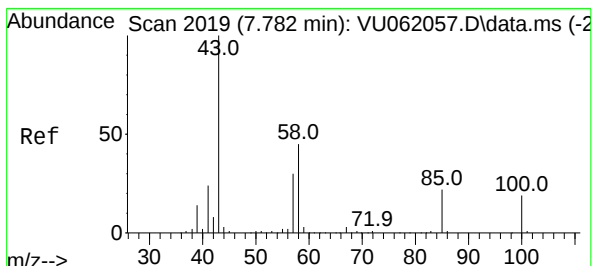
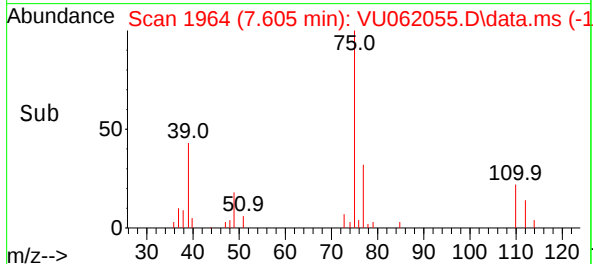
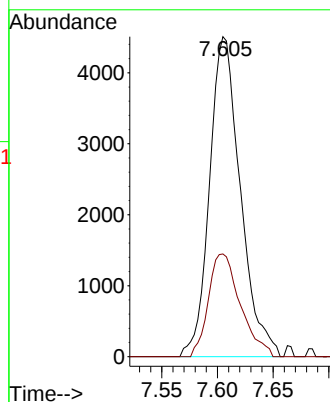
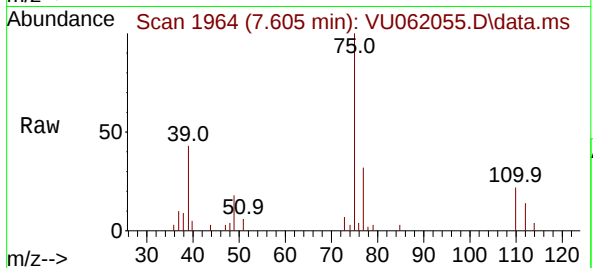




#39
cis-1,3-Dichloropropene
Concen: 4.498 ug/L
RT: 7.605 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

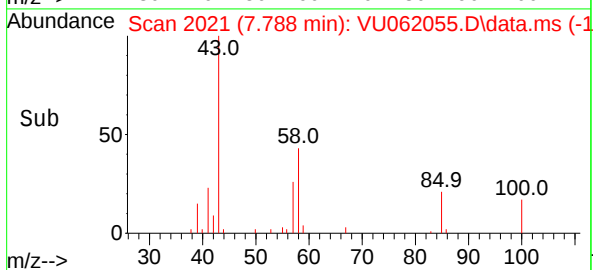
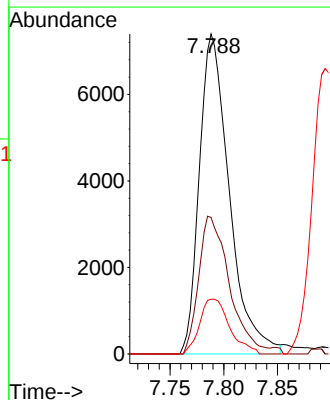
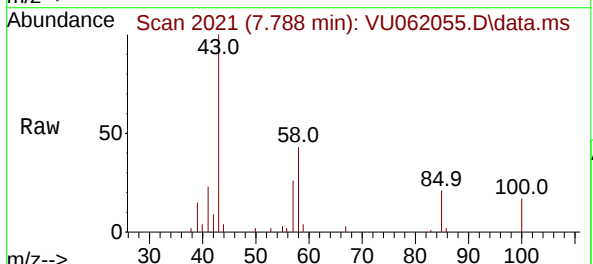
Instrument :
MSVOA_U
ClientSampleId :

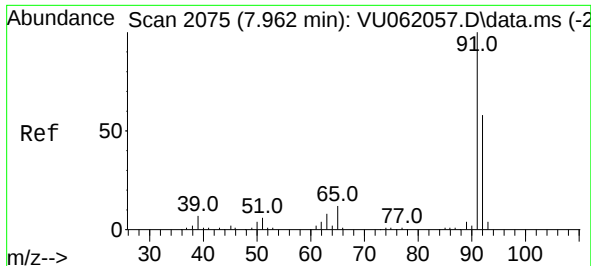
Tgt Ion: 75 Resp: 8691
Ion Ratio Lower Upper
75 100
77 32.1 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 8.826 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion: 43 Resp: 14337
Ion Ratio Lower Upper
43 100
58 44.0 35.7 53.5
100 17.1 14.6 21.8





#42

Toluene

Concen: 4.754 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

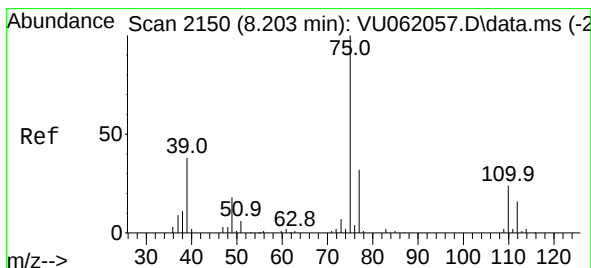
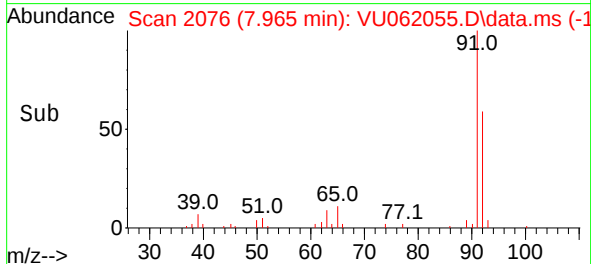
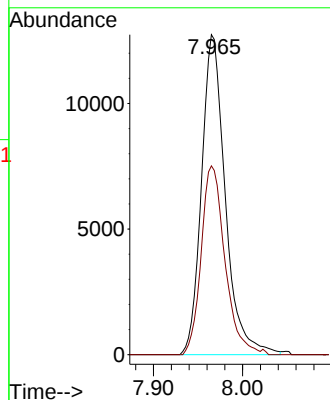
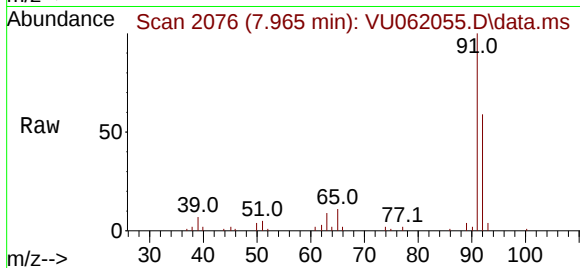
ClientSampleId :

Tgt Ion: 91 Resp: 23559

Ion Ratio Lower Upper

91 100

92 59.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.506 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU062055.D

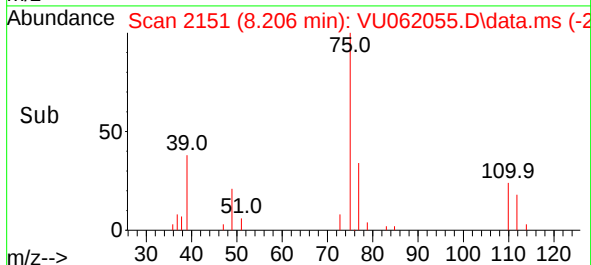
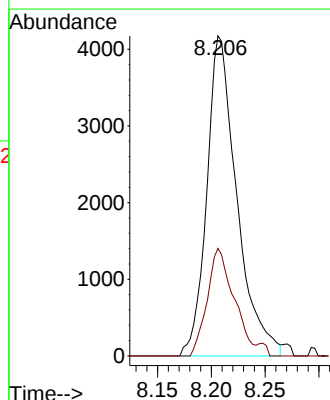
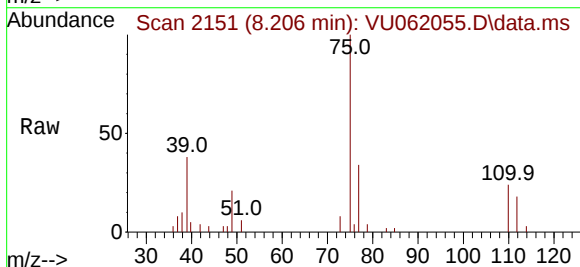
Acq: 27 Nov 2024 15:03

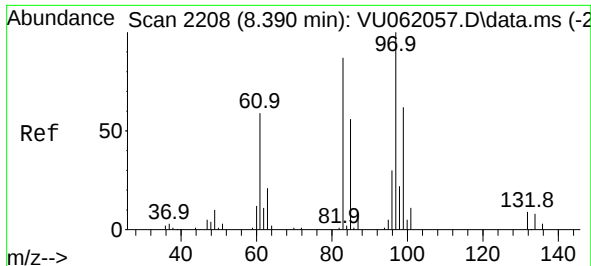
Tgt Ion: 75 Resp: 8099

Ion Ratio Lower Upper

75 100

77 33.6 22.4 41.6

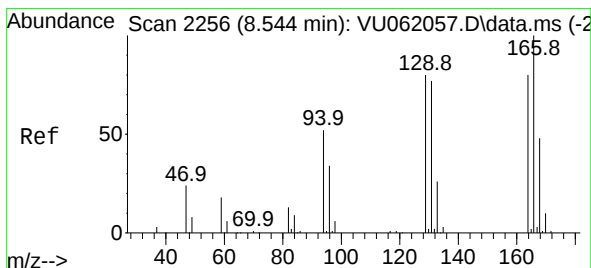
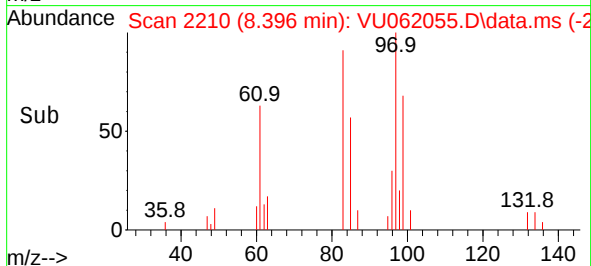
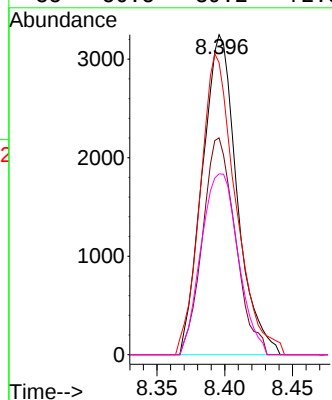
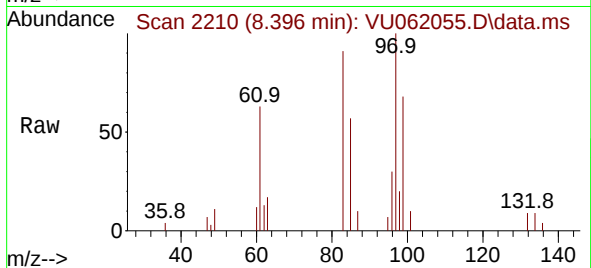




#45
1,1,2-Trichloroethane
Concen: 4.768 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

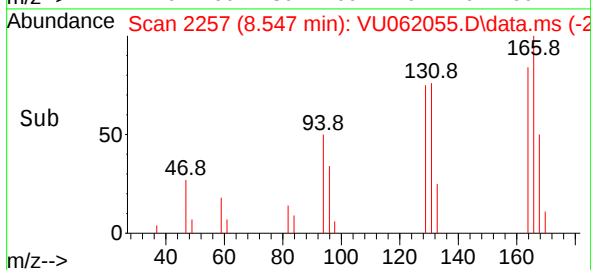
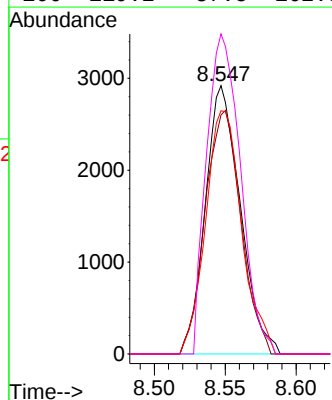
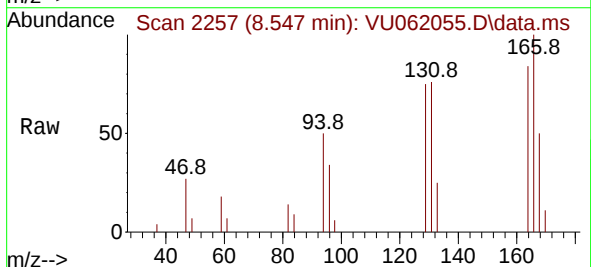
Instrument :
MSVOA_U
ClientSampleId :

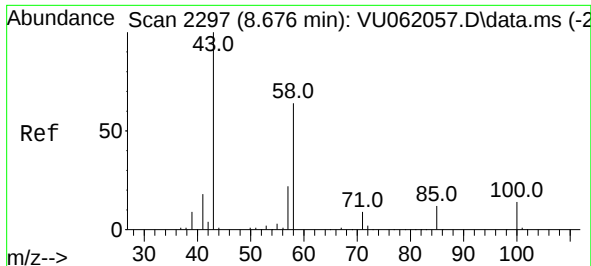
Tgt Ion:	97	Resp:	5784
Ion	Ratio	Lower	Upper
97	100		
99	67.7	43.5	80.7
83	91.3	60.8	113.0
85	56.5	39.2	72.8



#46
Tetrachloroethene
Concen: 5.712 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion:	164	Resp:	5029
Ion	Ratio	Lower	Upper
164	100		
129	89.1	70.4	130.8
131	90.6	67.8	125.8
166	119.2	87.5	162.5





#48

2-Hexanone

Concen: 9.387 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.009 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 12386

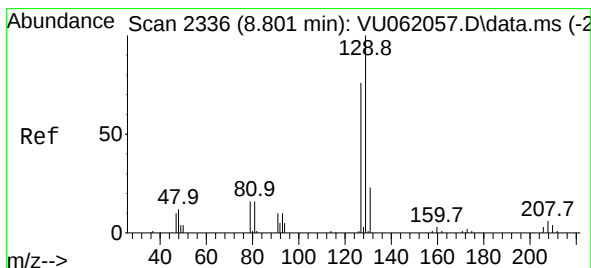
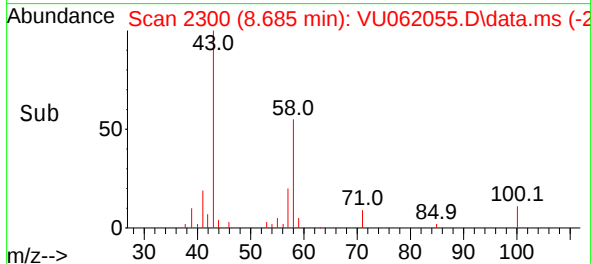
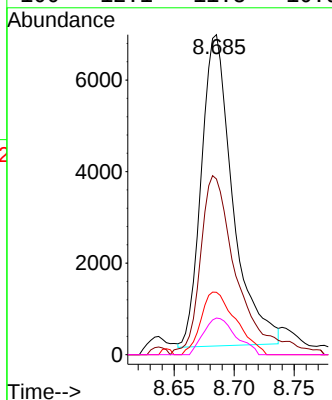
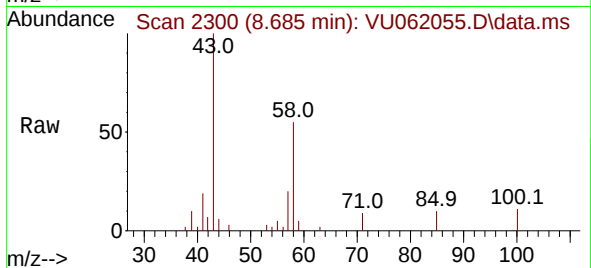
Ion Ratio Lower Upper

43 100

58 64.3 51.7 77.5

57 22.4 18.5 27.7

100 12.1 11.3 16.9



#49

Dibromochloromethane

Concen: 4.772 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU062055.D

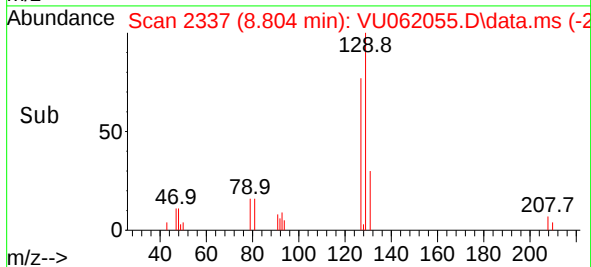
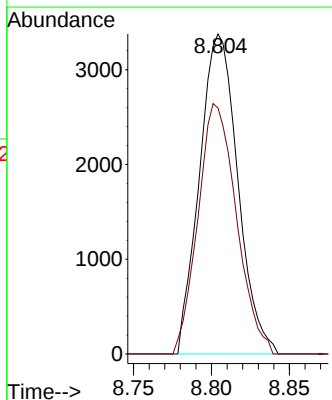
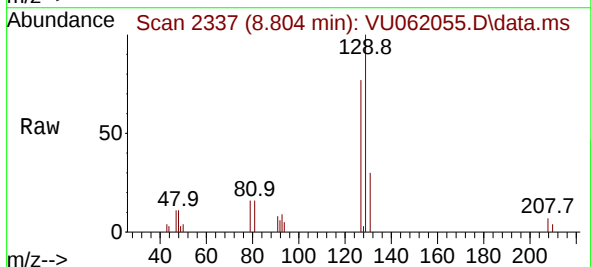
Acq: 27 Nov 2024 15:03

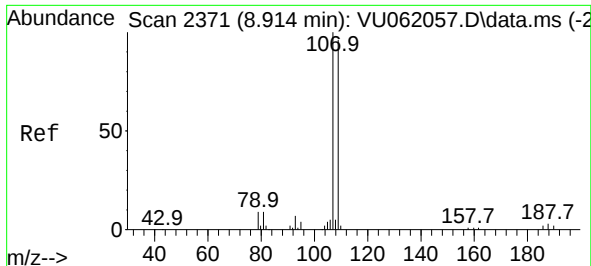
Tgt Ion: 129 Resp: 5787

Ion Ratio Lower Upper

129 100

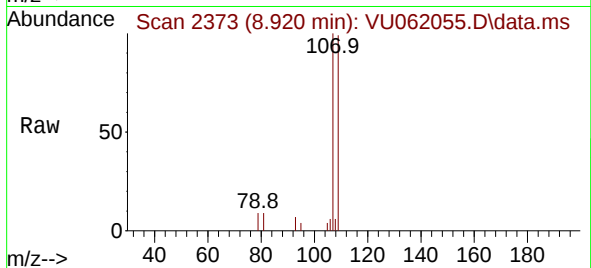
127 76.9 53.3 99.1



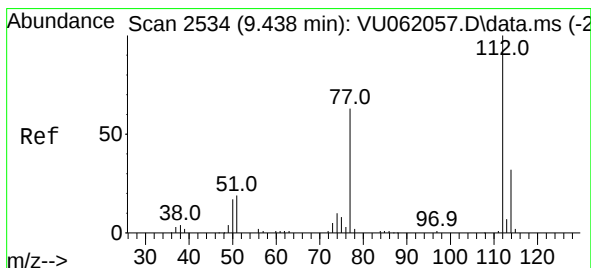
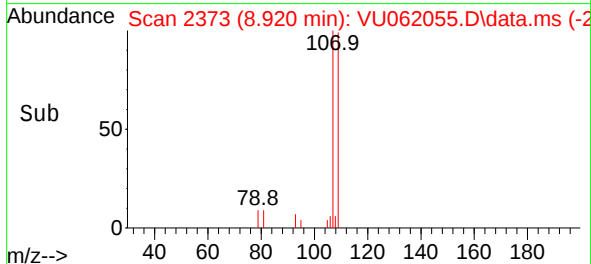
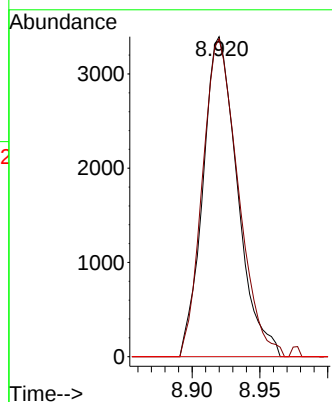


#50
1,2-Dibromoethane
Concen: 4.489 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :

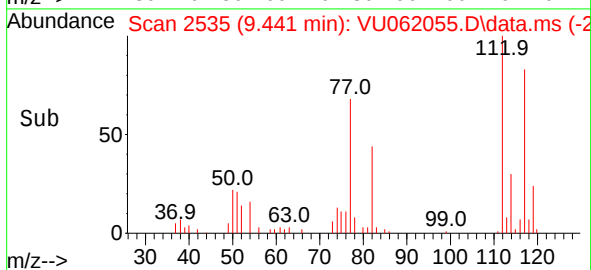
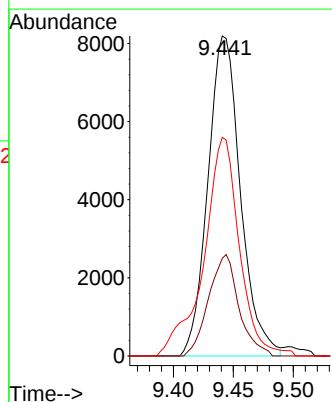
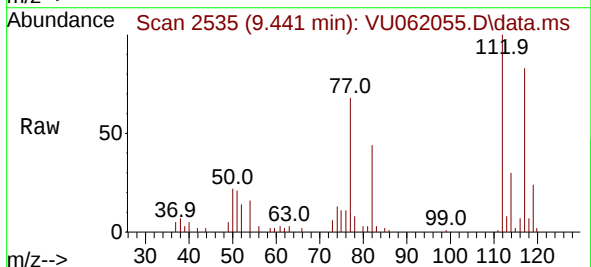


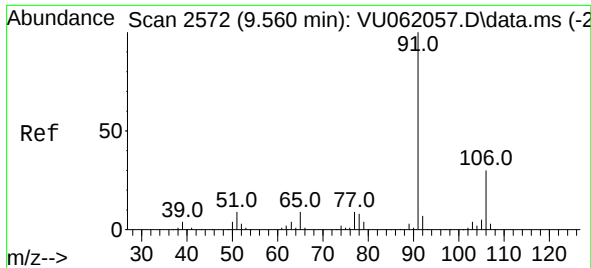
Tgt Ion:107 Resp: 6002
Ion Ratio Lower Upper
107 100
109 99.3 67.1 124.7
188 0.0 2.6 4.0#



#51
Chlorobenzene
Concen: 4.901 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion:112 Resp: 15478
Ion Ratio Lower Upper
112 100
114 30.5 22.0 41.0
77 68.3 50.8 76.2

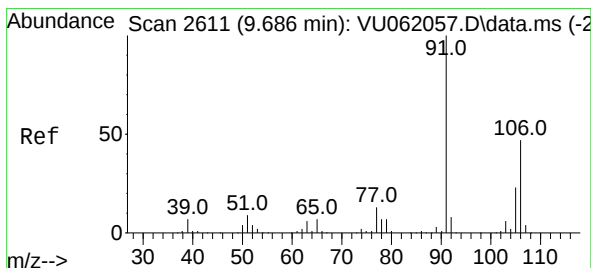
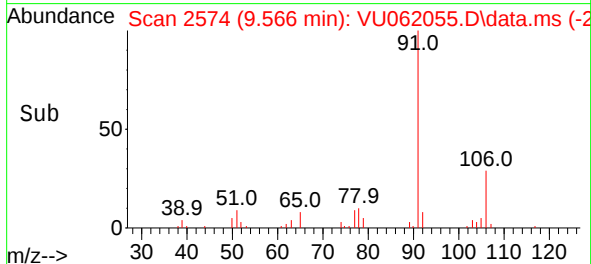
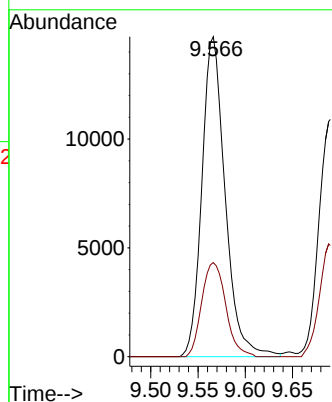
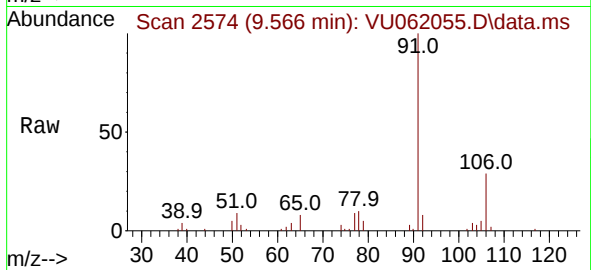




#52
Ethylbenzene
Concen: 4.672 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

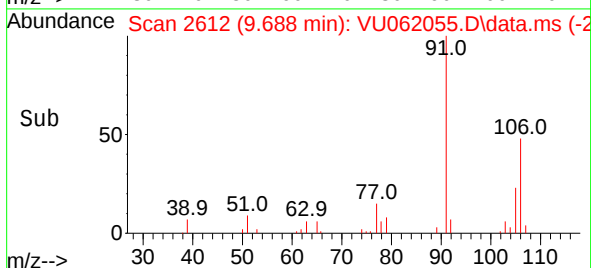
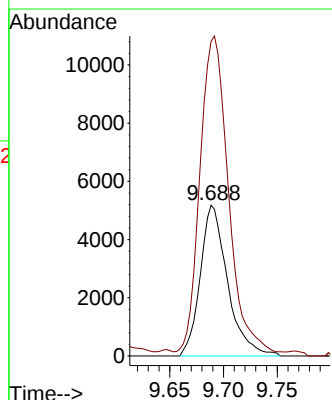
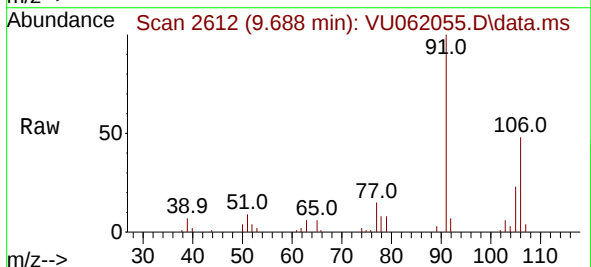
Instrument :
MSVOA_U
ClientSampleId :

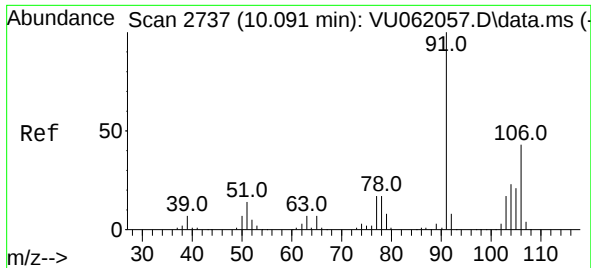
Tgt Ion: 91 Resp: 25144
Ion Ratio Lower Upper
91 100
106 29.4 20.8 38.6



#53
m,p-Xylene
Concen: 4.475 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion:106 Resp: 9145
Ion Ratio Lower Upper
106 100
91 208.6 147.9 274.7

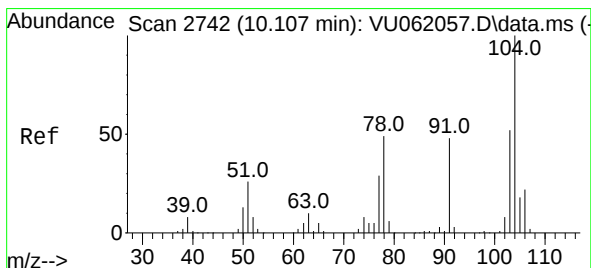
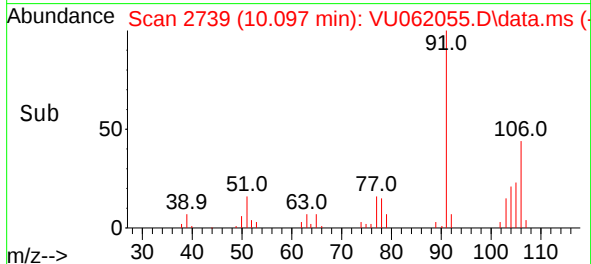
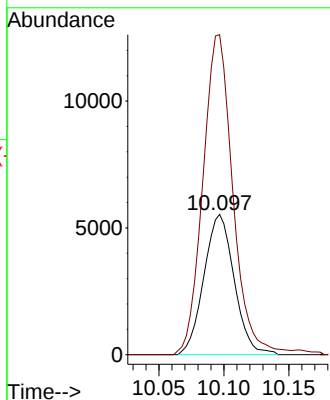
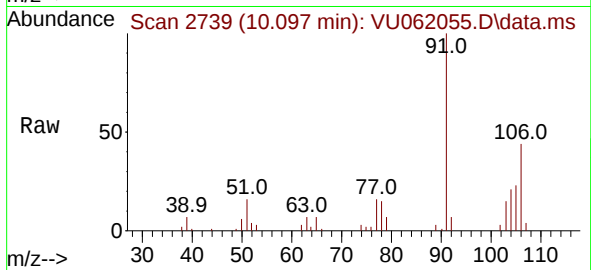




#54
o-Xylene
Concen: 4.458 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

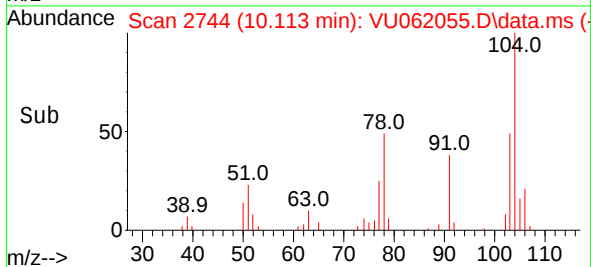
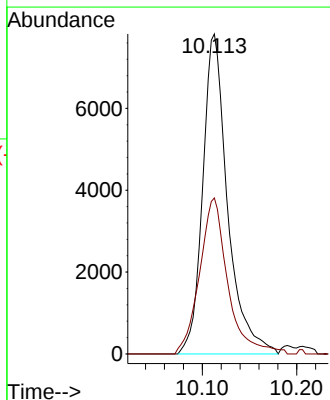
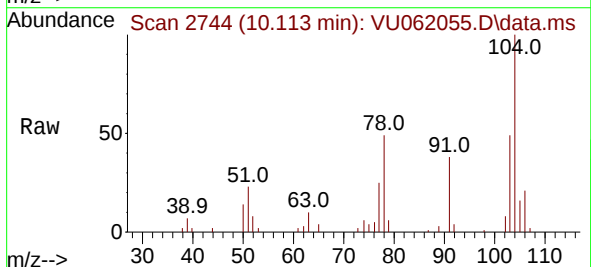
Instrument :
MSVOA_U
ClientSampleId :

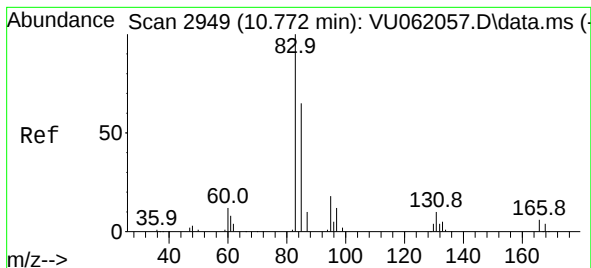
Tgt Ion:106 Resp: 8975
Ion Ratio Lower Upper
106 100
91 228.2 161.0 299.0



#55
Styrene
Concen: 4.321 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion:104 Resp: 14289
Ion Ratio Lower Upper
104 100
78 48.8 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.553 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

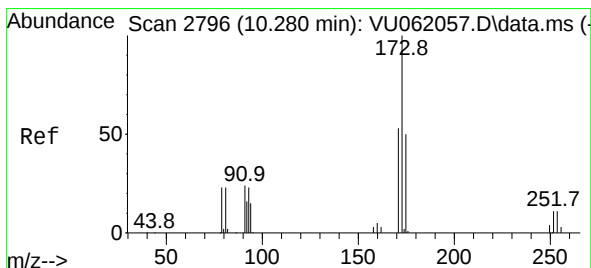
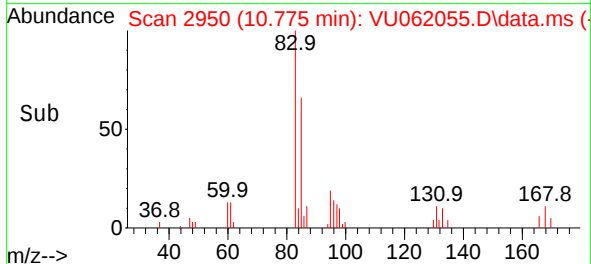
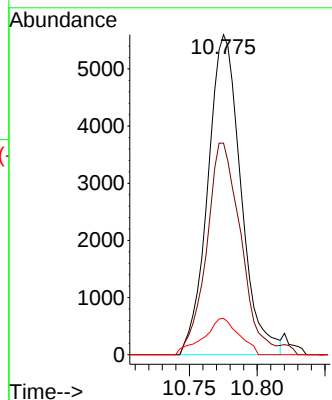
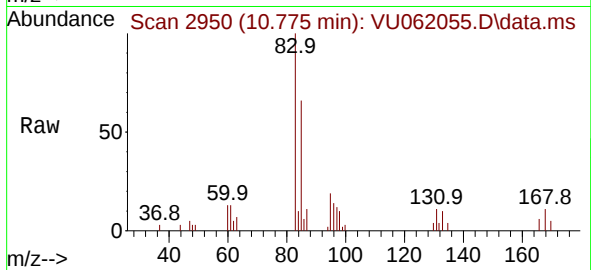
Tgt Ion: 83 Resp: 9496

Ion Ratio Lower Upper

83 100

85 66.1 46.5 86.3

131 15.7 8.4 12.6#



#59

Bromoform

Concen: 5.089 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.006 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

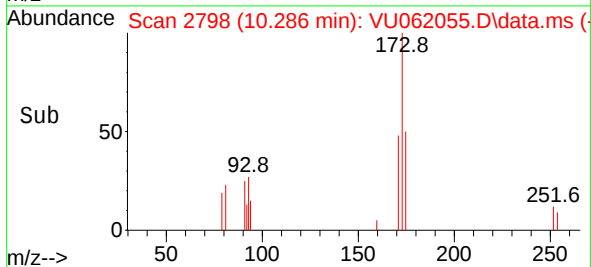
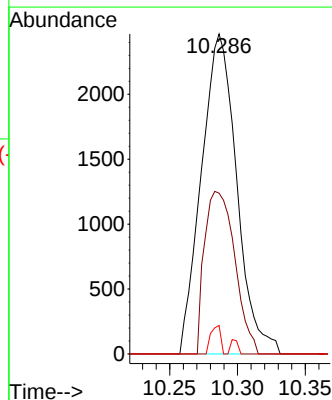
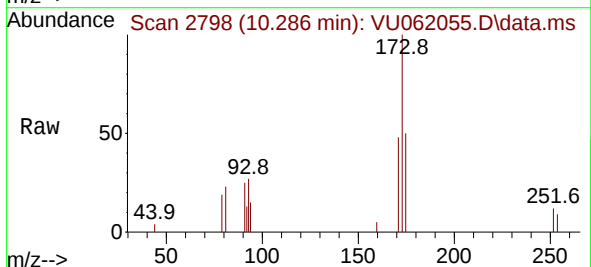
Tgt Ion:173 Resp: 4465

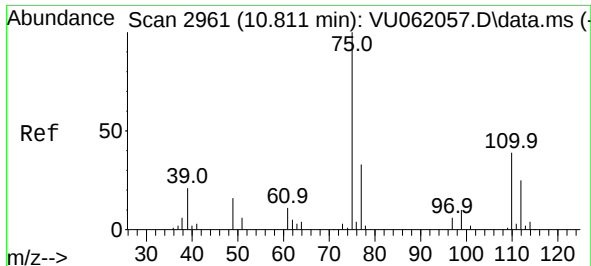
Ion Ratio Lower Upper

173 100

175 43.4 39.2 58.8

254 2.5 1.7 2.5





#60

1,2,3-Trichloropropane

Concen: 4.961 ug/L

RT: 10.817 min Scan# 2961

Delta R.T. 0.006 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

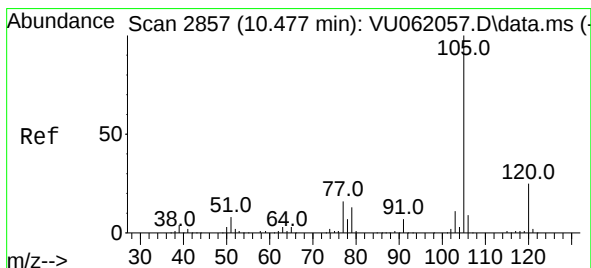
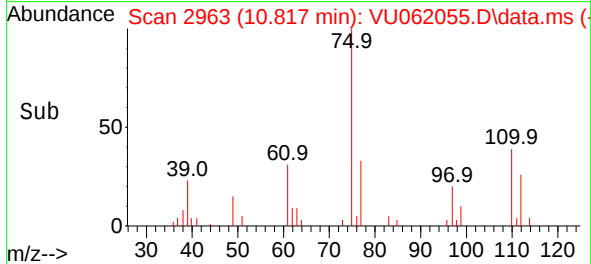
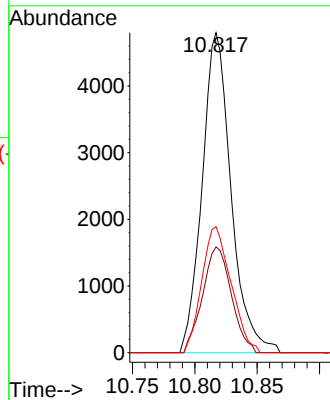
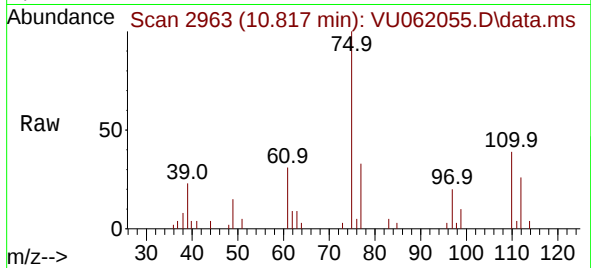
Tgt Ion: 75 Resp: 7754

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.4

110 39.9 30.7 46.1



#61

Isopropylbenzene

Concen: 4.812 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

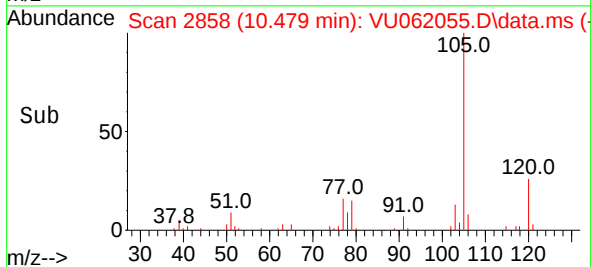
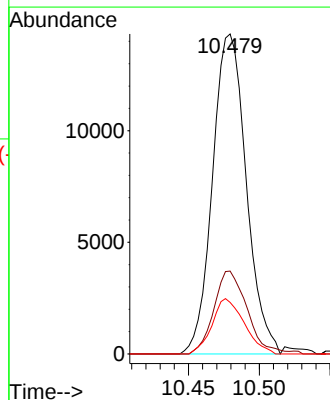
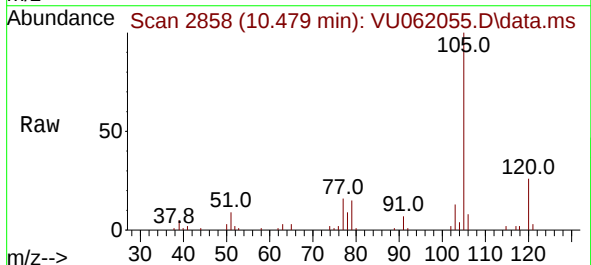
Tgt Ion:105 Resp: 23728

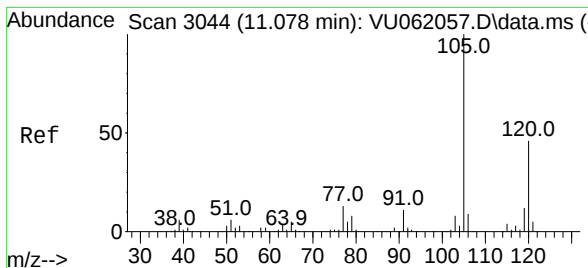
Ion Ratio Lower Upper

105 100

120 25.5 20.0 30.0

77 16.5 13.1 19.7





#62

1,3,5-Trimethylbenzene

Concen: 4.923 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

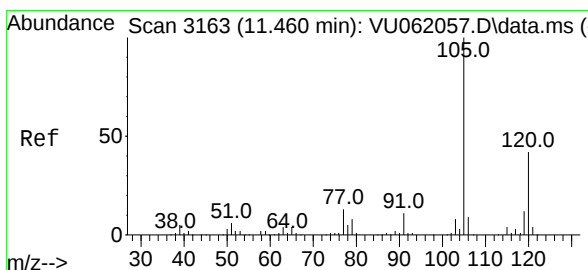
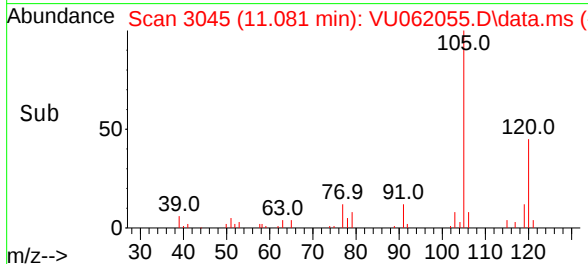
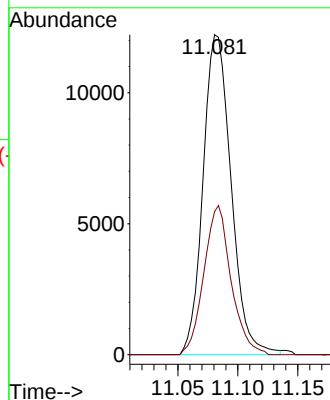
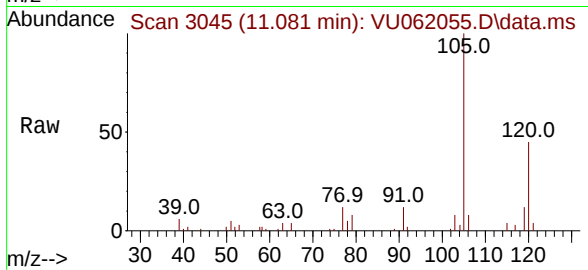
ClientSampleId :

Tgt Ion:105 Resp: 19895

Ion Ratio Lower Upper

105 100

120 45.1 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 4.550 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU062055.D

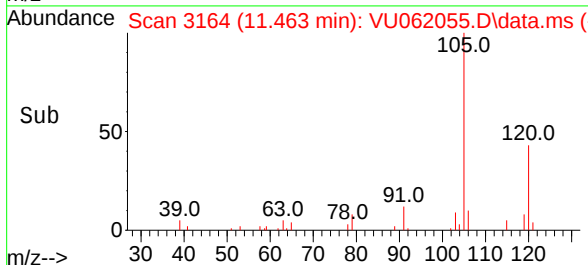
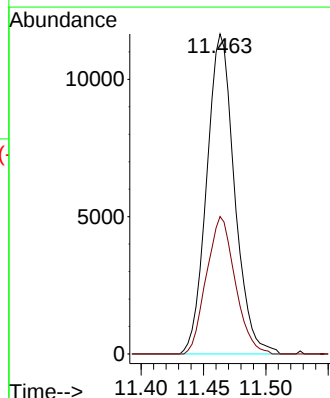
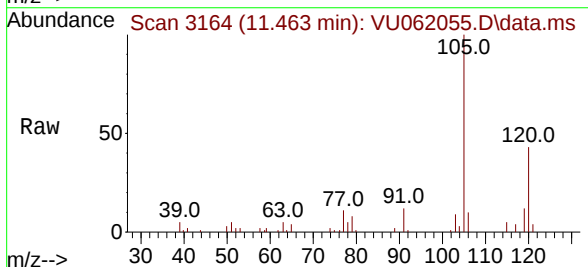
Acq: 27 Nov 2024 15:03

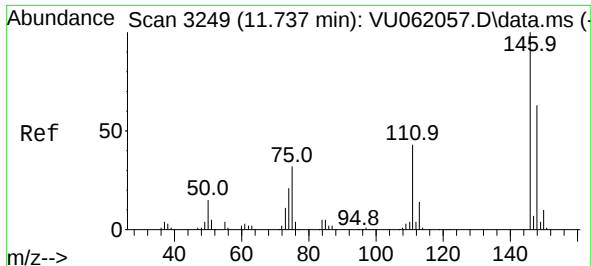
Tgt Ion:105 Resp: 18127

Ion Ratio Lower Upper

105 100

120 44.3 33.8 50.8

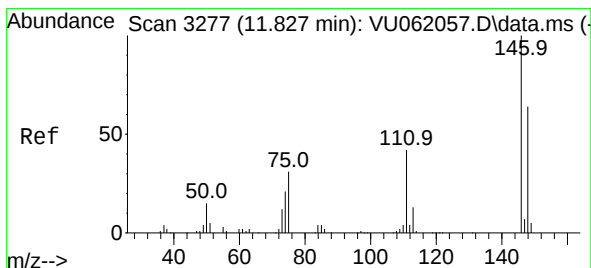
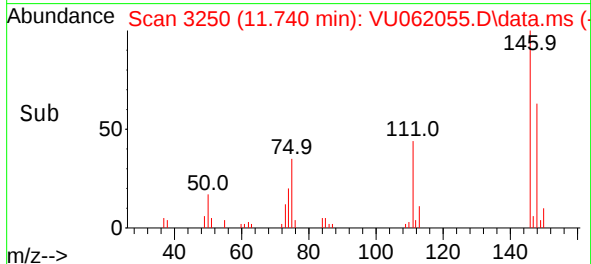
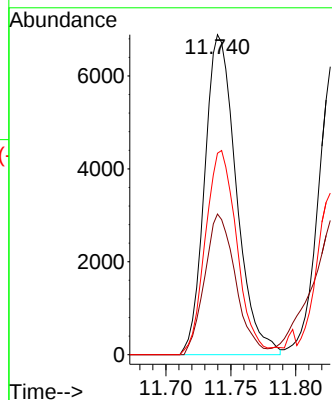
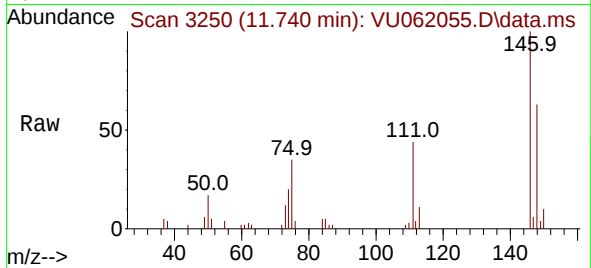




#64
1,3-Dichlorobenzene
Concen: 5.249 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

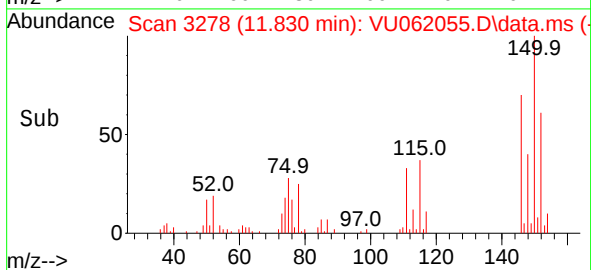
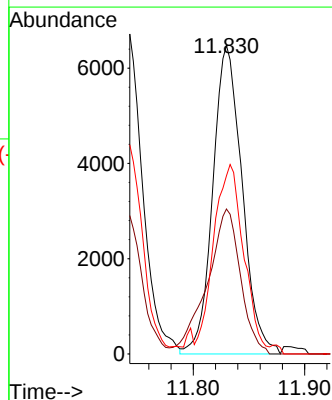
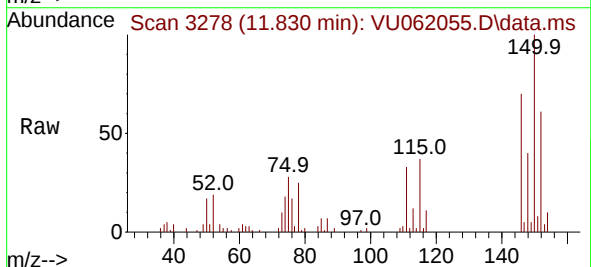
Instrument :
MSVOA_U
ClientSampleId :

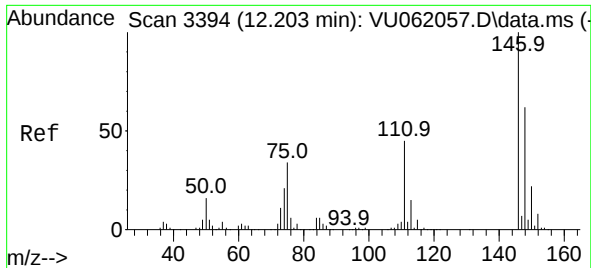
Tgt Ion:146 Resp: 11663
Ion Ratio Lower Upper
146 100
111 45.5 29.8 55.4
148 59.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.249 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU062055.D
Acq: 27 Nov 2024 15:03

Tgt Ion:146 Resp: 11818
Ion Ratio Lower Upper
146 100
111 43.7 29.4 54.6
148 53.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.053 ug/L

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

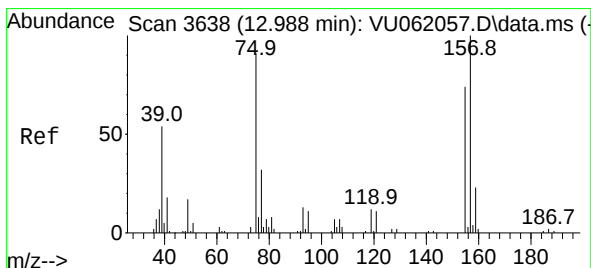
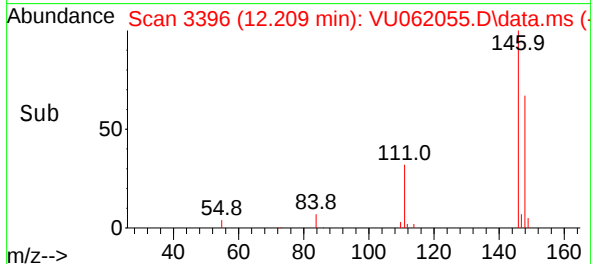
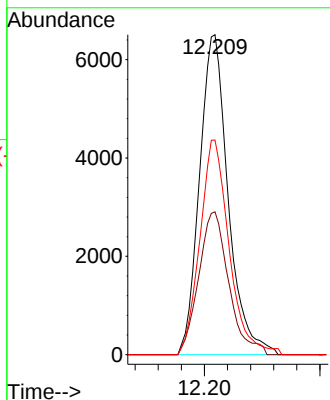
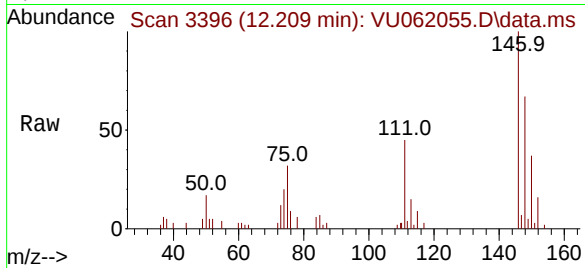
Tgt Ion:146 Resp: 11211

Ion Ratio Lower Upper

146 100

111 45.1 36.1 54.1

148 62.9 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.739 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

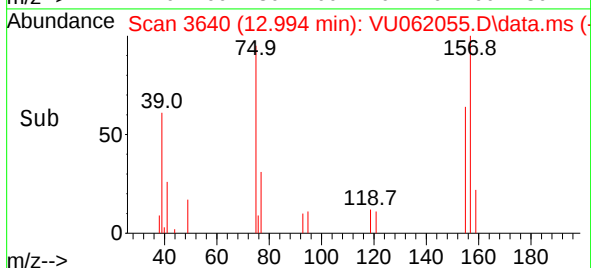
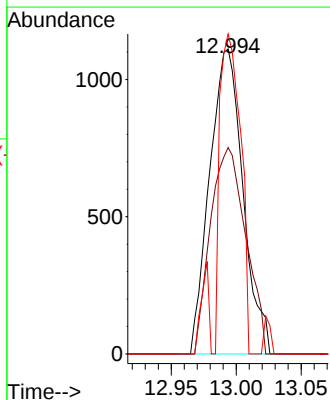
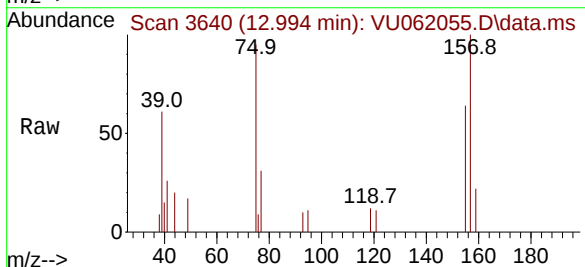
Tgt Ion: 75 Resp: 1981

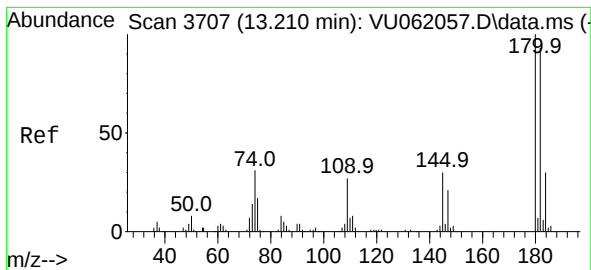
Ion Ratio Lower Upper

75 100

155 61.6 65.1 97.7#

157 95.5 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 5.550 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.009 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 8306

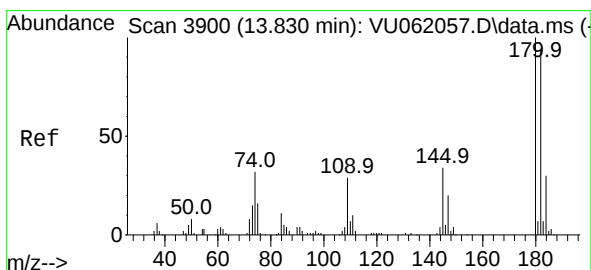
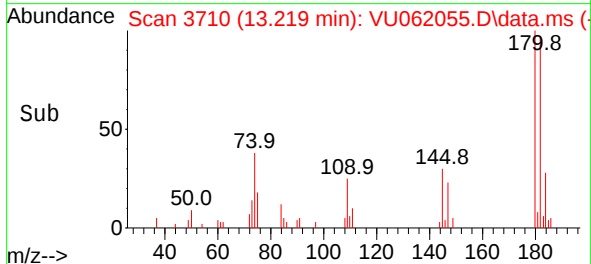
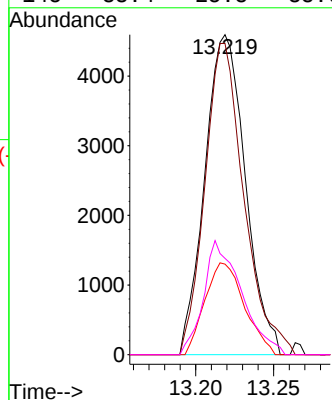
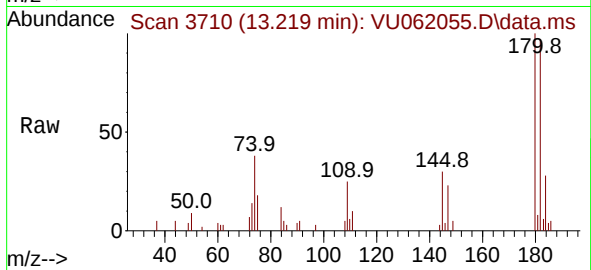
Ion Ratio Lower Upper

180 100

182 93.7 74.6 112.0

184 27.9 24.2 36.2

145 33.4 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.753 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.009 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

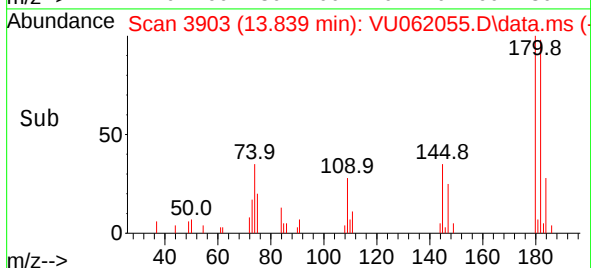
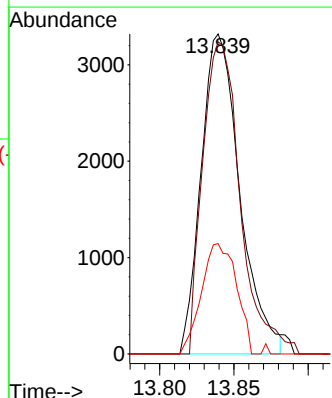
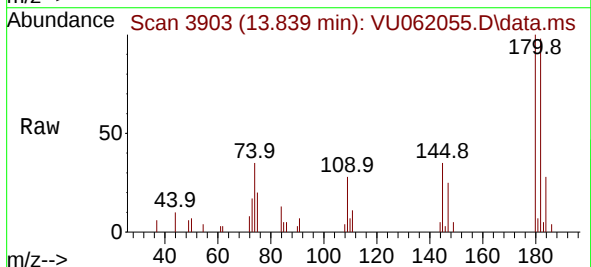
Tgt Ion:180 Resp: 6017

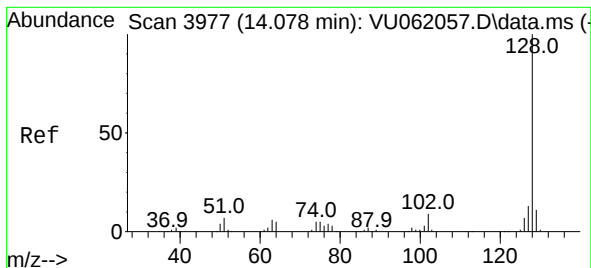
Ion Ratio Lower Upper

180 100

182 94.3 76.6 114.8

145 31.2 27.1 40.7





#71

Naphthalene

Concen: 2.991 ug/L

RT: 14.097 min Scan# 3977

Delta R.T. 0.019 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

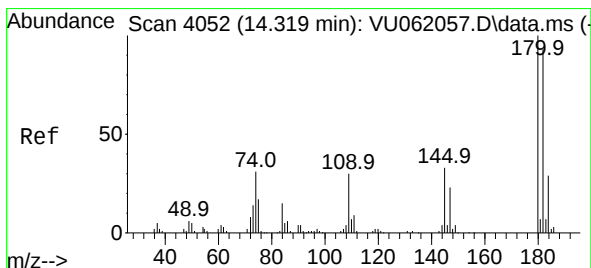
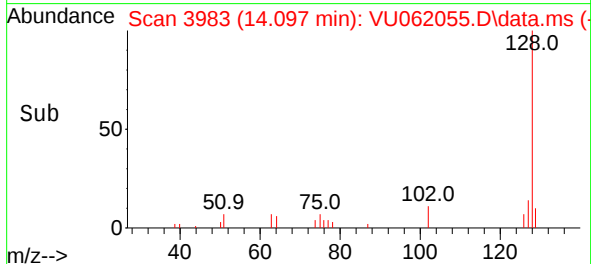
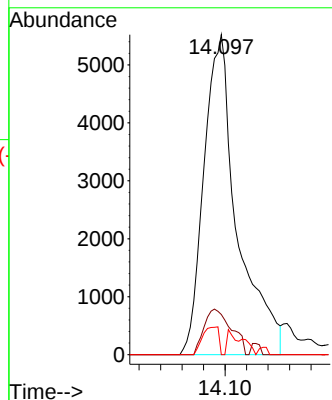
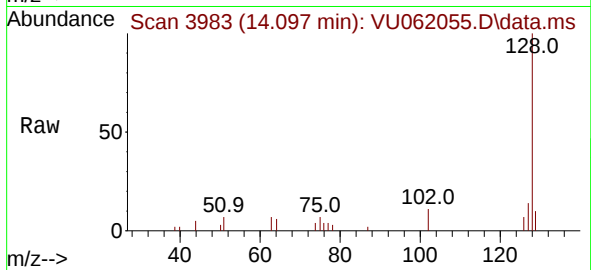
Tgt Ion:128 Resp: 11862

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 4.2 8.5 12.7#



#72

1,2,3-Trichlorobenzene

Concen: 4.850 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.009 min

Lab File: VU062055.D

Acq: 27 Nov 2024 15:03

Tgt Ion:180 Resp: 6029

Ion Ratio Lower Upper

180 100

182 85.1 75.8 113.6

145 29.2 27.4 41.0

