

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062155.D
 Acq On : 09 Dec 2024 12:58
 Operator : MD/SY
 Sample : VSTD02060
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 16:27:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 13:19:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	112974	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	105551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	156482	20.535	ug/L	0.00
7) Chloroethane-d5	1.904	69	106541	19.656	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	75808	20.911	ug/L	0.00
20) 2-Butanone-d5	4.615	46	325470	222.864	ug/L	-0.02
24) Chloroform-d	5.049	84	347168	21.051	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	177109	21.839	ug/L	0.00
32) Benzene-d6	5.714	84	643029	21.152	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	184734	21.238	ug/L	0.00
41) Toluene-d8	7.888	98	610973	21.275	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	86269	22.532	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	275473	238.489	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	144723	21.382	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	221481	20.661	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	216505	20.459	ug/L	98
3) Chloromethane	1.515	50	160641	19.365	ug/L	100
5) Vinyl chloride	1.599	62	172554	19.980	ug/L	99
6) Bromomethane	1.853	94	114873	19.955	ug/L	98
8) Chloroethane	1.927	64	88088	18.210	ug/L	97
9) Trichlorofluoromethane	2.129	101	302717	20.195	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	166371	20.391	ug/L	93
12) 1,1-Dichloroethene	2.570	96	153791	20.162	ug/L #	86
13) Acetone	2.634	43	203848	205.007	ug/L	95
14) Carbon disulfide	2.782	76	488177	20.238	ug/L	99
15) Methyl Acetate	2.946	43	49730	19.955	ug/L #	89
16) Methylene chloride	3.036	84	159900	19.969	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	399921	21.046	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	160490	20.478	ug/L	93
19) 1,1-Dichloroethane	3.856	63	288269	20.067	ug/L	99
21) 2-Butanone	4.695	43	320379	221.863	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	177911	20.252	ug/L	95
23) Bromochloromethane	4.962	128	80998	21.035	ug/L #	85
25) Chloroform	5.074	83	329534	20.365	ug/L	100
27) 1,2-Dichloroethane	5.782	62	205001	19.936	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	311556	20.982	ug/L	95
30) Cyclohexane	5.377	56	257394	21.378	ug/L	95
31) Carbon tetrachloride	5.512	117	283883	20.850	ug/L	100
33) Benzene	5.763	78	664755	20.323	ug/L	100
34) Trichloroethene	6.531	95	192299	20.754	ug/L	98
35) Methylcyclohexane	6.753	83	295762	21.529	ug/L	96
37) 1,2-Dichloropropane	6.779	63	161926	20.328	ug/L	100
38) Bromodichloromethane	7.094	83	236055	21.004	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	274746	21.518	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	786695	210.725	ug/L #	92
42) Toluene	7.959	91	736914	20.893	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	228657	21.931	ug/L	98

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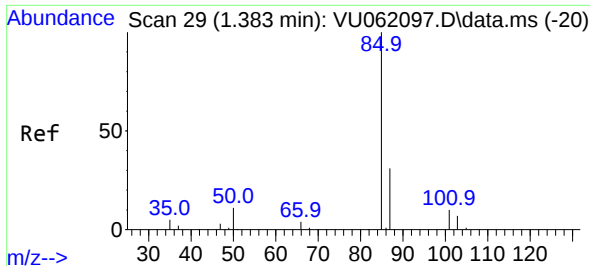
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 16:27:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
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 Response via : Initial Calibration

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

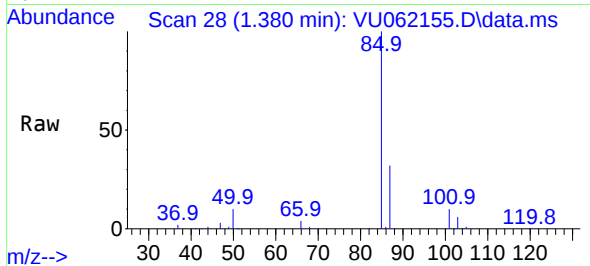
45) 1,1,2-Trichloroethane	8.389	97	123852	20.596	ug/L	98
47) Tetrachloroethene	8.544	164	148438	20.749	ug/L	95
48) 2-Hexanone	8.676	43	582314	211.059	ug/L #	93
49) Dibromochloromethane	8.801	129	158354	21.796	ug/L	98
50) 1,2-Dibromoethane	8.914	107	121342	20.999	ug/L #	98
51) Chlorobenzene	9.438	112	465984	20.618	ug/L	98
52) Ethylbenzene	9.560	91	843238	21.324	ug/L	99
53) m,p-Xylene	9.685	106	316509	21.678	ug/L	96
54) o-Xylene	10.090	106	308251	21.708	ug/L	99
55) Styrene	10.103	104	520820	22.250	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	144924	20.708	ug/L #	98
59) Bromoform	10.280	173	95077	20.798	ug/L	99
60) Isopropylbenzene	10.473	105	852588	20.289	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	101293	18.831	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	738461	20.766	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	725308	20.817	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	385118	19.951	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	379511	19.524	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	351702	19.716	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.984	75	26024	22.180	ug/L	86
69) 1,3,5-Trichlorobenzene	13.209	180	292784	20.405	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	249554	22.028	ug/L	98
71) Naphthalene	14.077	128	392802	23.090	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	211723	21.192	ug/L	99

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

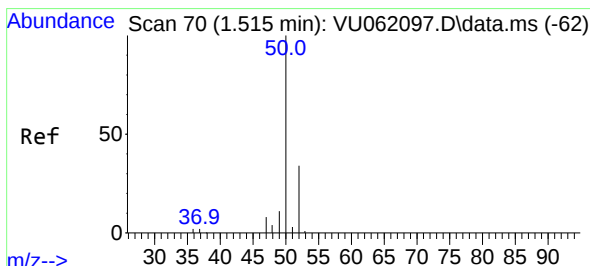
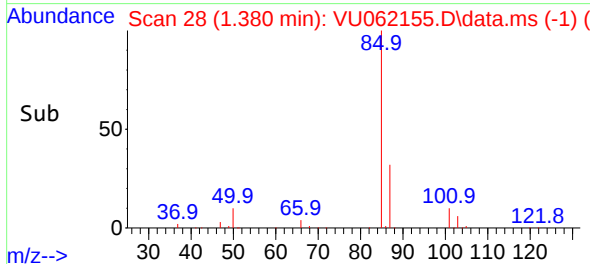
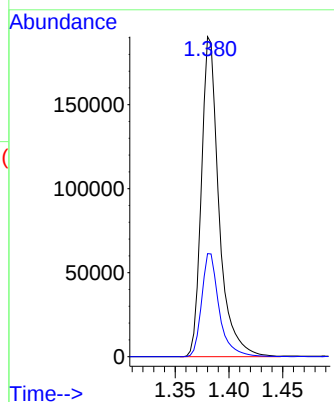


#2
 Dichlorodifluoromethane
 Concen: 20.459 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU062155.D
 Acq: 09 Dec 2024 12:58

Instrument :
 MSVOA_U
 ClientSampleId :

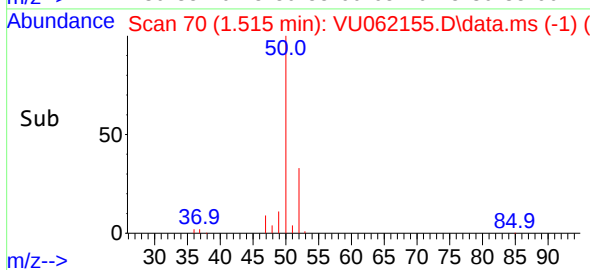
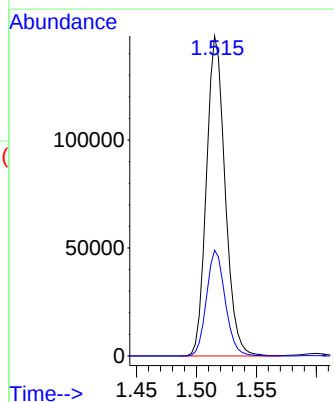
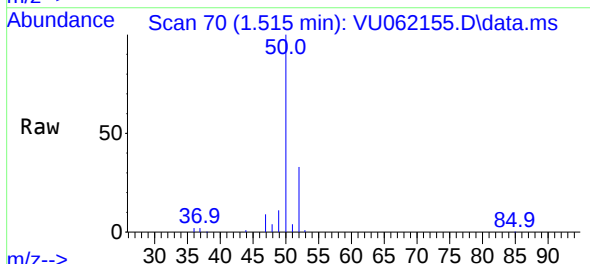


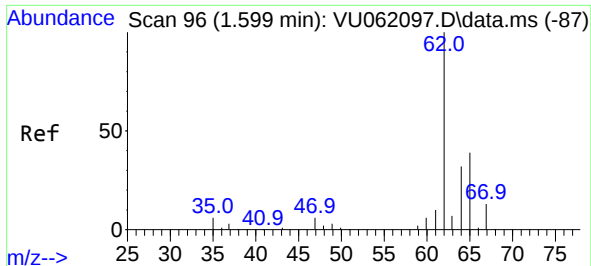
Tgt Ion: 85 Resp: 216505
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 40.0



#3
 Chloromethane
 Concen: 19.365 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062155.D
 Acq: 09 Dec 2024 12:58

Tgt Ion: 50 Resp: 160641
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

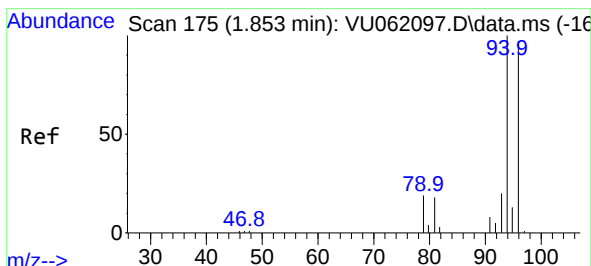
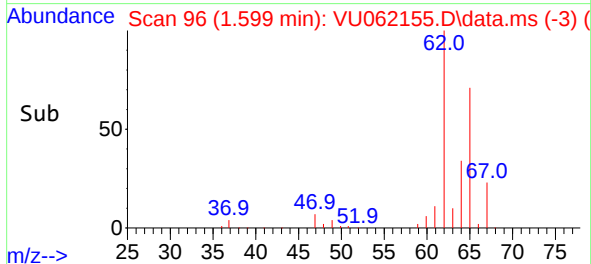
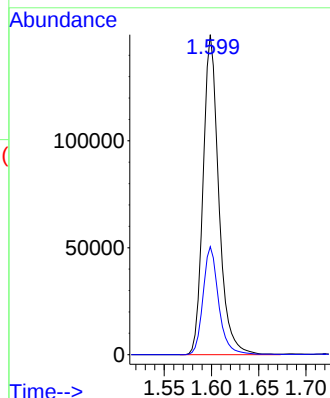
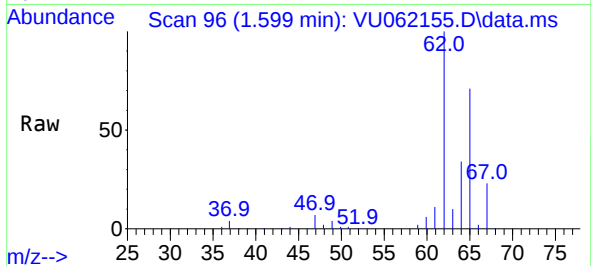




#5
Vinyl chloride
Concen: 19.980 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

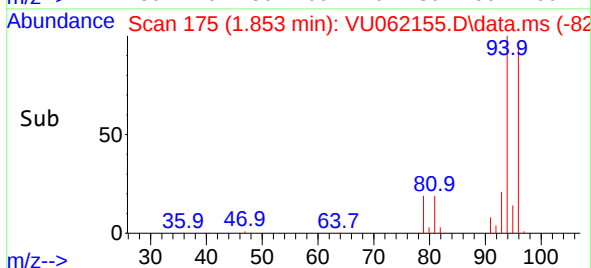
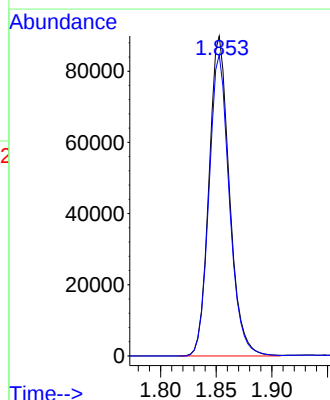
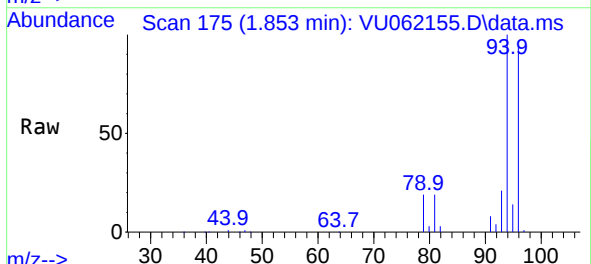
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MSVOA_U
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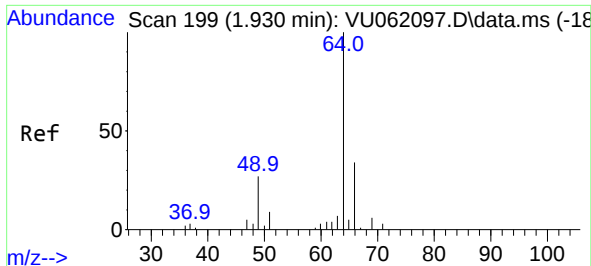
Tgt Ion: 62 Resp: 172554
Ion Ratio Lower Upper
62 100
64 33.8 23.1 42.9



#6
Bromomethane
Concen: 19.955 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion: 94 Resp: 114873
Ion Ratio Lower Upper
94 100
96 94.1 64.5 119.9

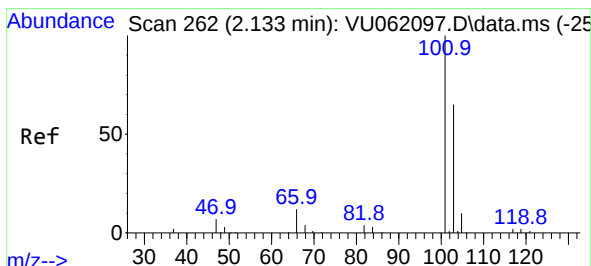
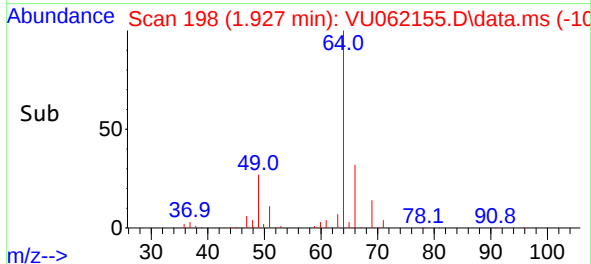
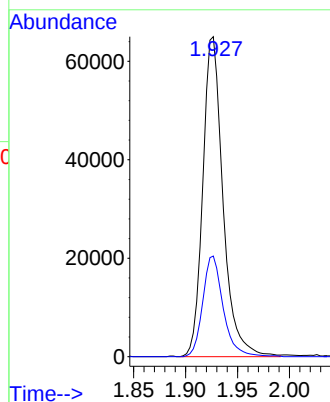
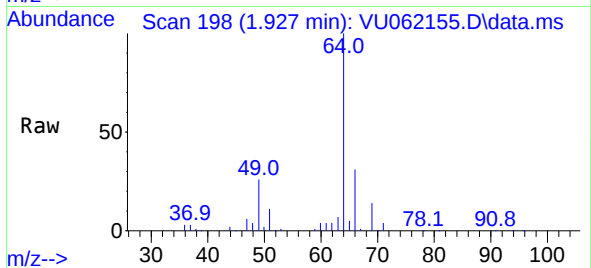




#8
Chloroethane
Concen: 18.210 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

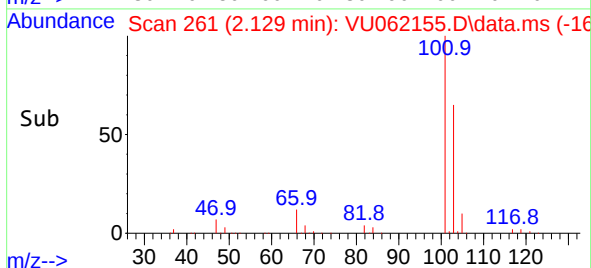
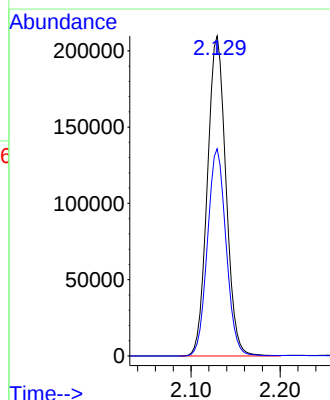
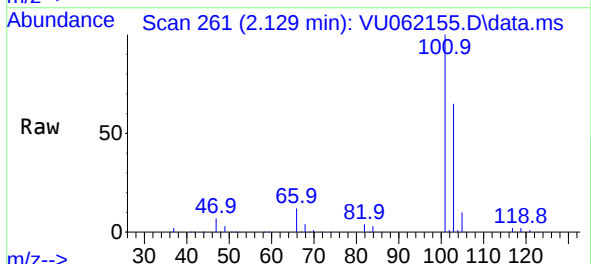
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MSVOA_U
ClientSampleId :

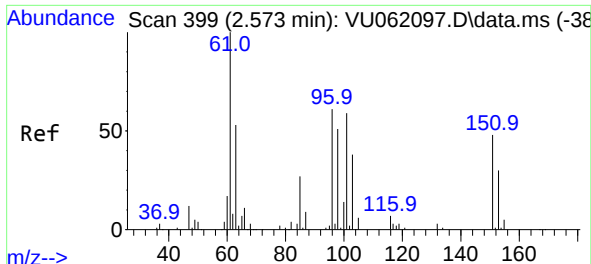
Tgt Ion: 64 Resp: 88088
Ion Ratio Lower Upper
64 100
66 31.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 20.195 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion:101 Resp: 302717
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8

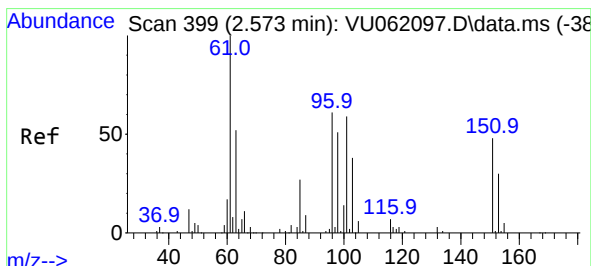
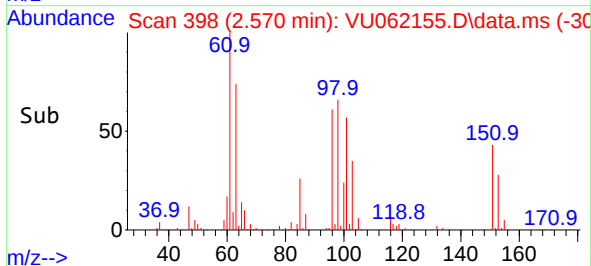
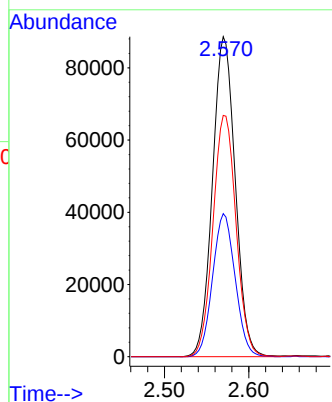
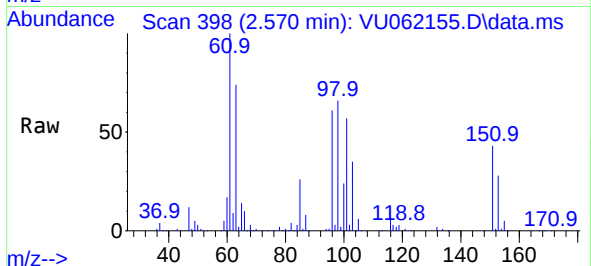




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.391 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

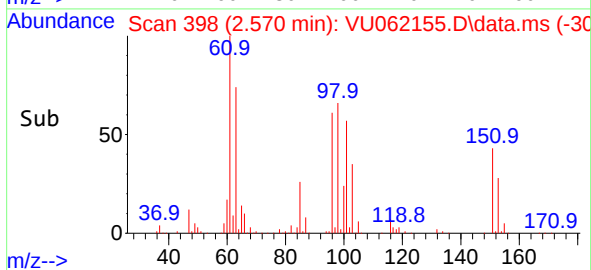
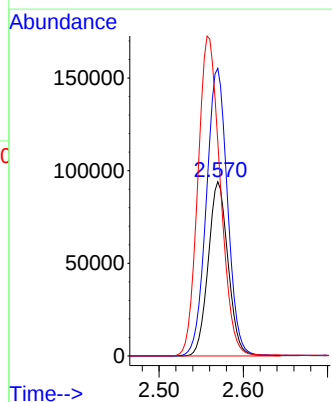
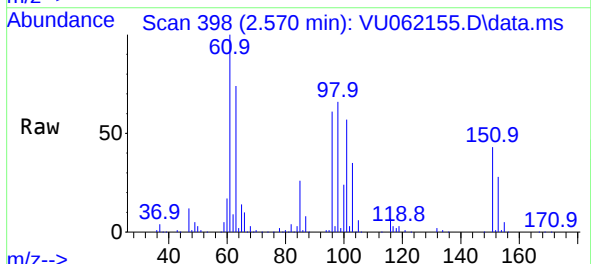
Instrument :
MSVOA_U
ClientSampleId :

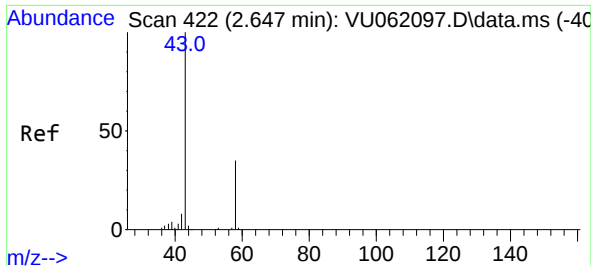
Tgt Ion:101 Resp: 166371
Ion Ratio Lower Upper
101 100
85 44.2 38.0 57.0
151 76.6 55.3 82.9



#12
1,1-Dichloroethene
Concen: 20.162 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

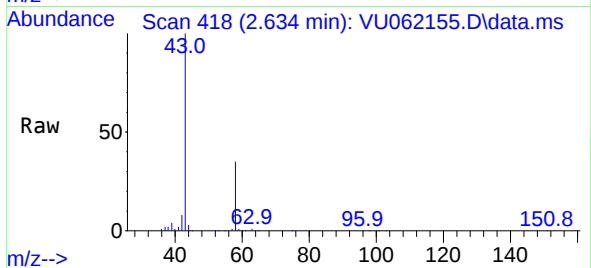
Tgt Ion: 96 Resp: 153791
Ion Ratio Lower Upper
96 100
61 165.1 119.6 222.2
63 122.9 65.0 120.6#



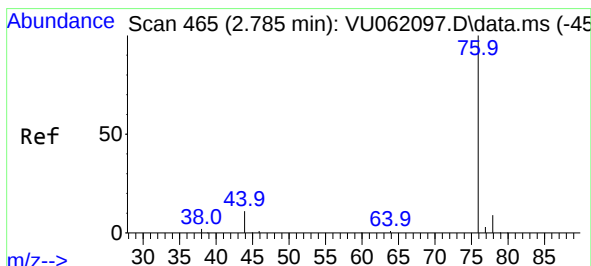
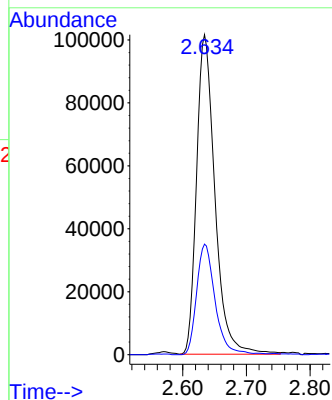
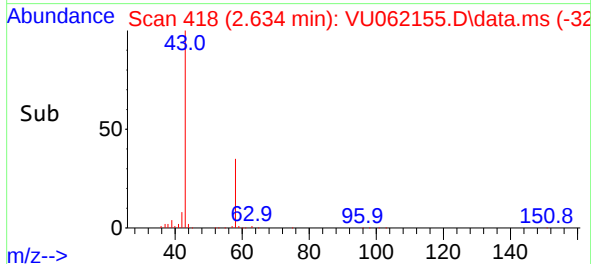


#13
Acetone
Concen: 205.007 ug/L
RT: 2.634 min Scan# 41
Delta R.T. -0.013 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

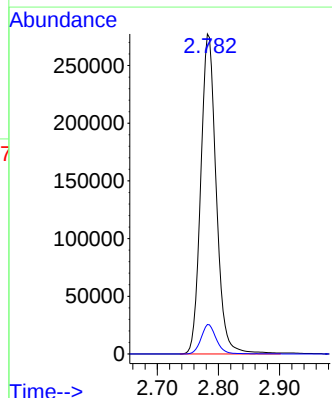
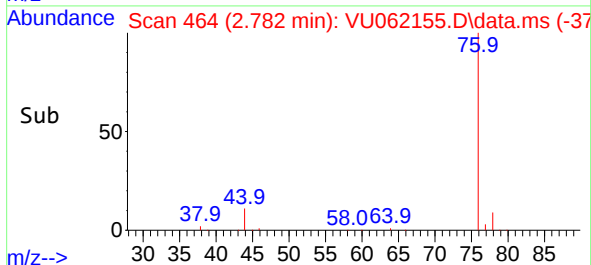
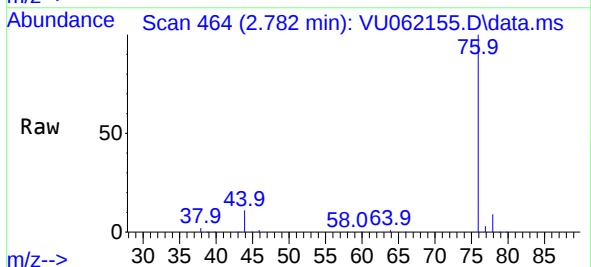


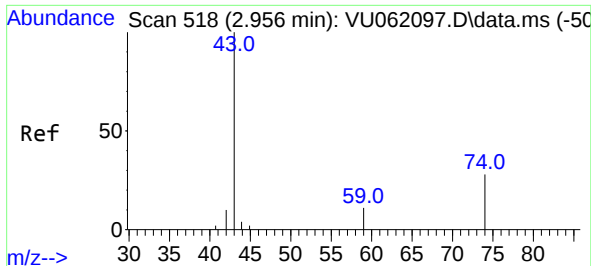
Tgt Ion: 43 Resp: 203848
Ion Ratio Lower Upper
43 100
58 34.6 0.0 64.0



#14
Carbon disulfide
Concen: 20.238 ug/L
RT: 2.782 min Scan# 464
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion: 76 Resp: 488177
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

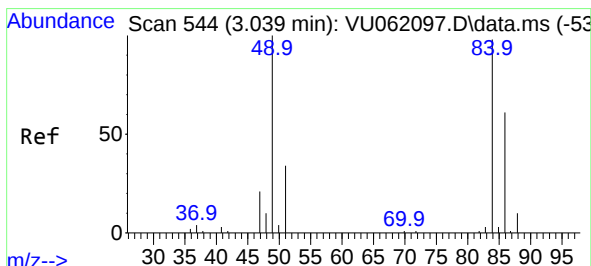
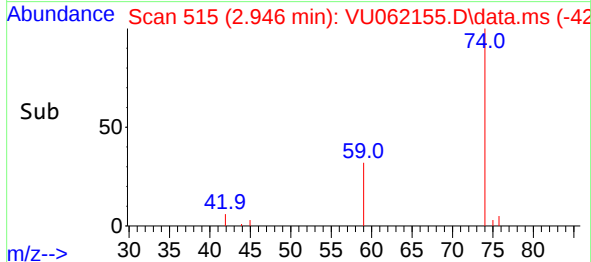
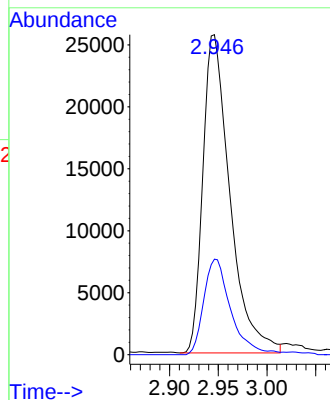
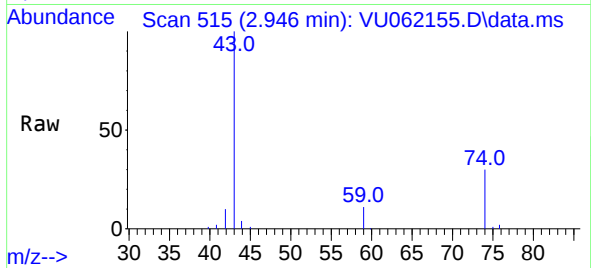




#15
Methyl Acetate
Concen: 19.955 ug/L
RT: 2.946 min Scan# 518
Delta R.T. -0.010 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

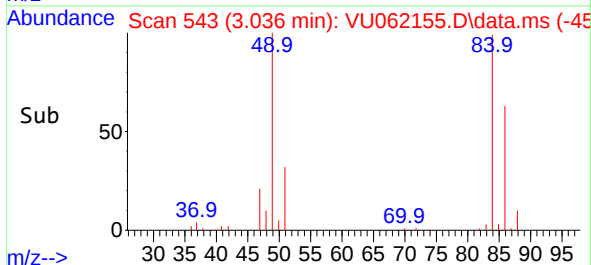
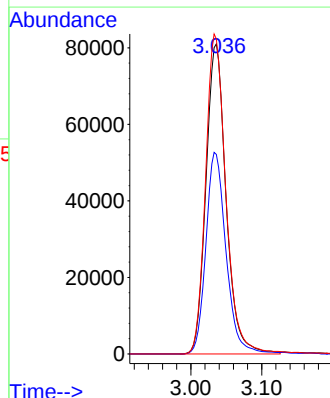
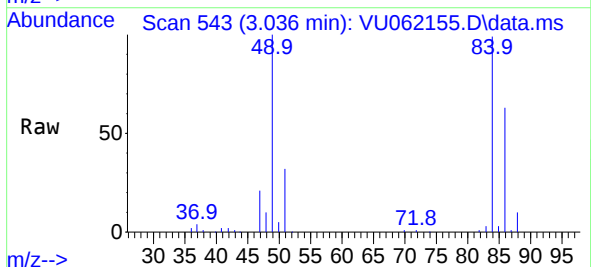
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MSVOA_U
ClientSampleId :

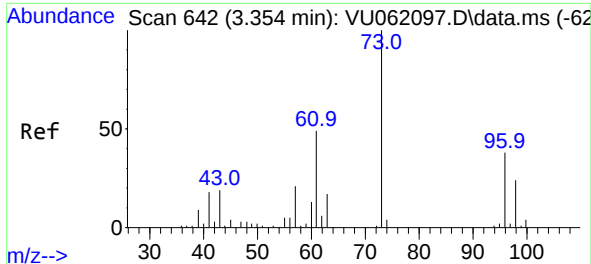
Tgt Ion: 43 Resp: 49730
Ion Ratio Lower Upper
43 100
74 30.0 19.4 29.2#



#16
Methylene chloride
Concen: 19.969 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

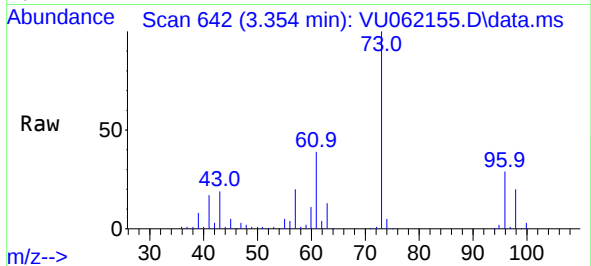
Tgt Ion: 84 Resp: 159900
Ion Ratio Lower Upper
84 100
86 64.4 43.5 80.7
49 101.5 81.9 152.1



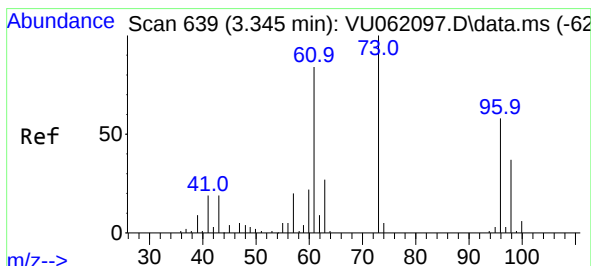
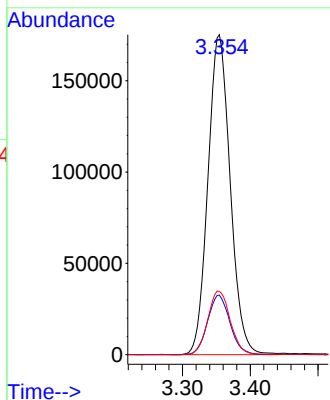
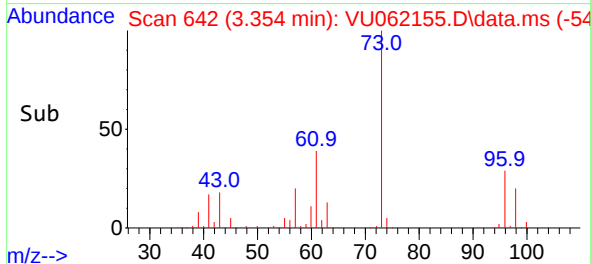


#17
Methyl tert-butyl Ether
Concen: 21.046 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

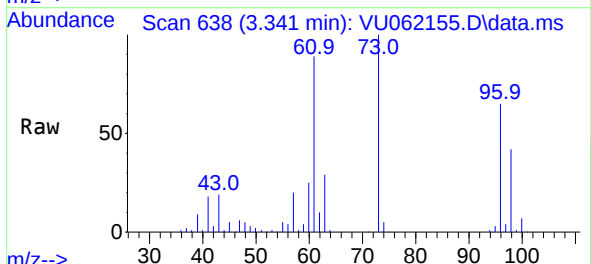
Instrument :
MSVOA_U
ClientSampleId :



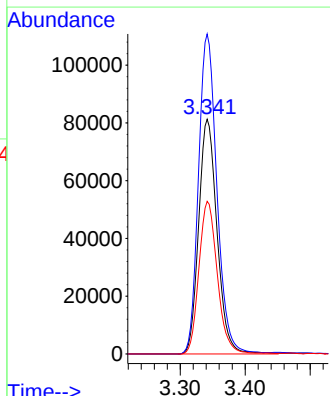
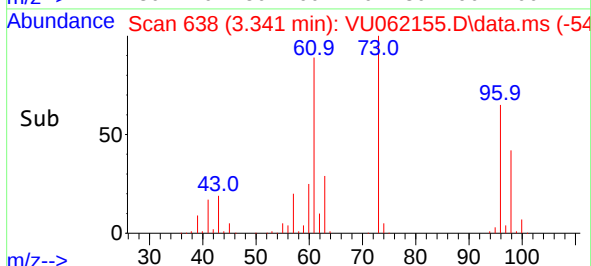
Tgt Ion: 73 Resp: 399921
Ion Ratio Lower Upper
73 100
43 18.7 16.3 24.5
57 20.1 17.1 25.7

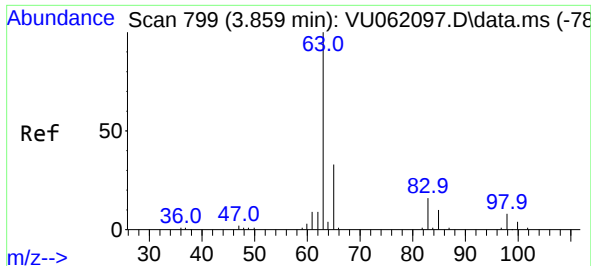


#18
trans-1,2-Dichloroethene
Concen: 20.478 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58



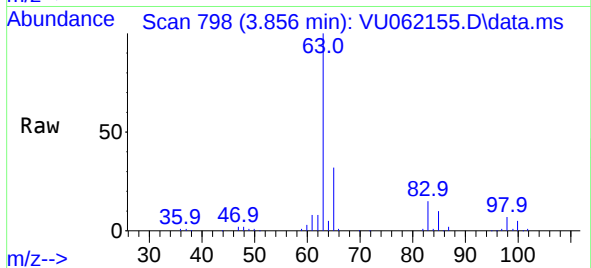
Tgt Ion: 96 Resp: 160490
Ion Ratio Lower Upper
96 100
61 136.3 104.2 193.4
98 65.0 45.7 84.9



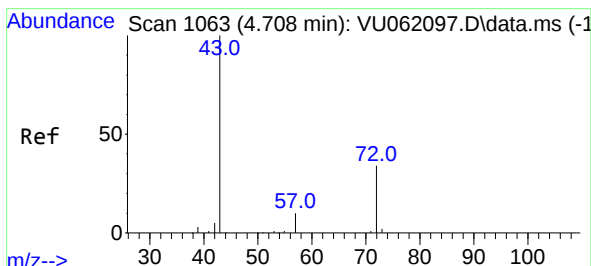
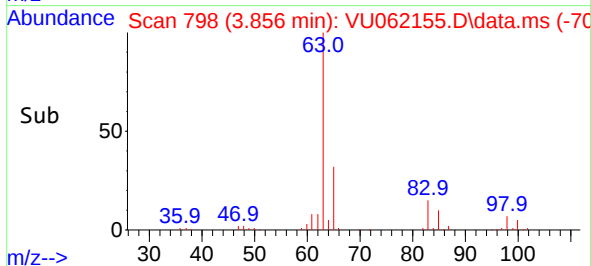
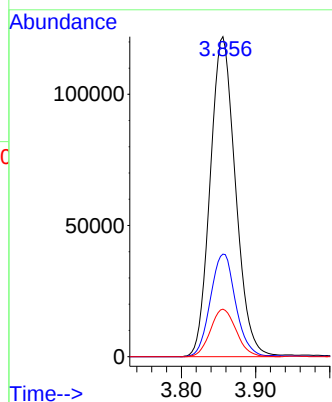


#19
1,1-Dichloroethane
Concen: 20.067 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

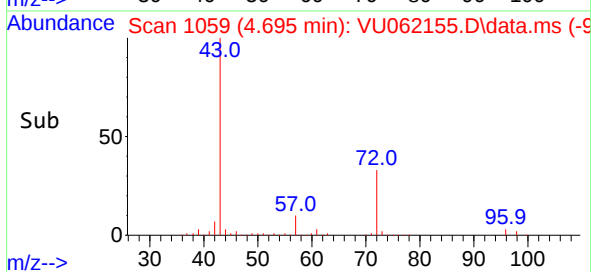
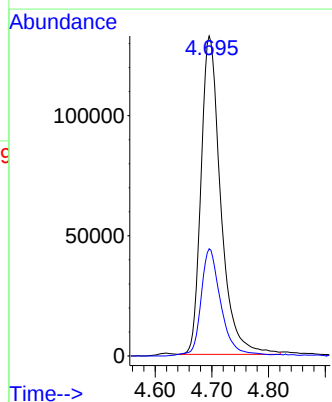
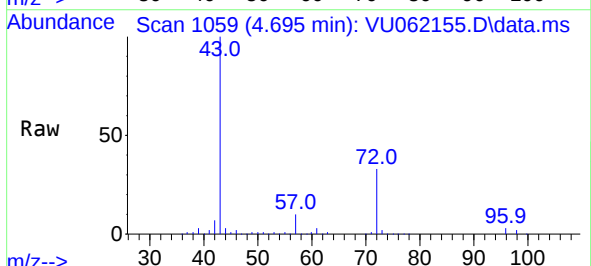


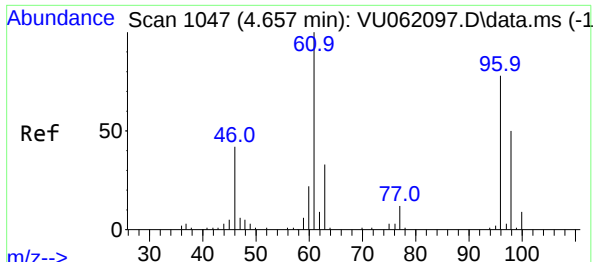
Tgt Ion: 63 Resp: 288269
Ion Ratio Lower Upper
63 100
65 32.0 22.7 42.3
83 14.8 9.9 18.3



#21
2-Butanone
Concen: 221.863 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.013 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

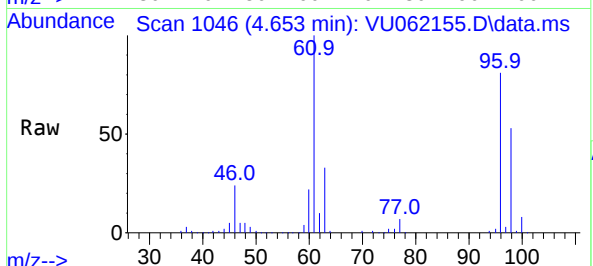
Tgt Ion: 43 Resp: 320379
Ion Ratio Lower Upper
43 100
72 34.2 14.8 44.4





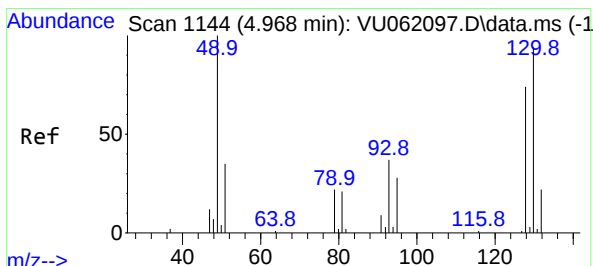
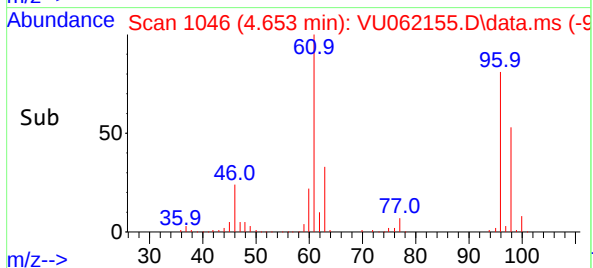
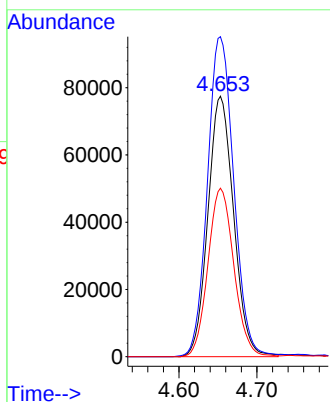
#22
cis-1,2-Dichloroethene
Concen: 20.252 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.004 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 177911

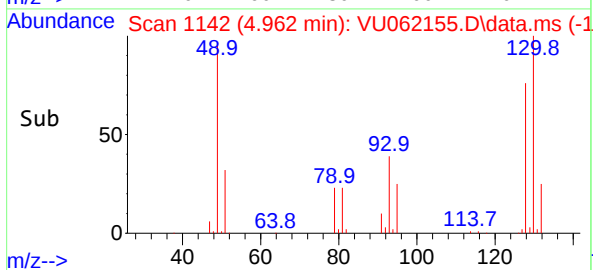
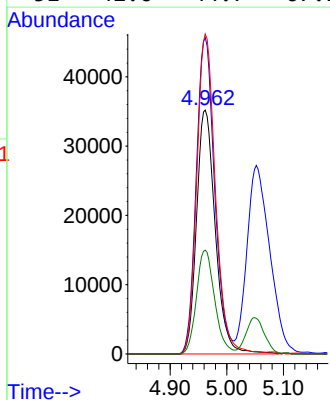
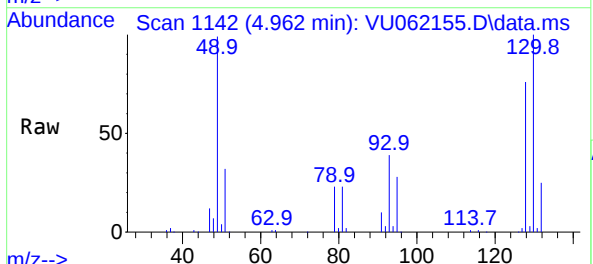
Ion	Ratio	Lower	Upper
96	100		
61	122.9	92.0	170.8
98	64.7	44.5	82.7

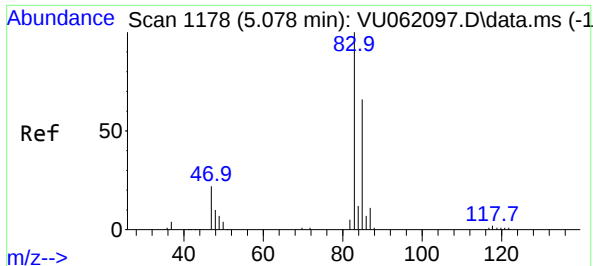


#23
Bromochloromethane
Concen: 21.035 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion: 128 Resp: 80998

Ion	Ratio	Lower	Upper
128	100		
49	129.8	115.3	214.1
130	131.3	92.0	170.8
51	42.6	44.7	67.1





#25

Chloroform

Concen: 20.365 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

Instrument :

MSVOA_U

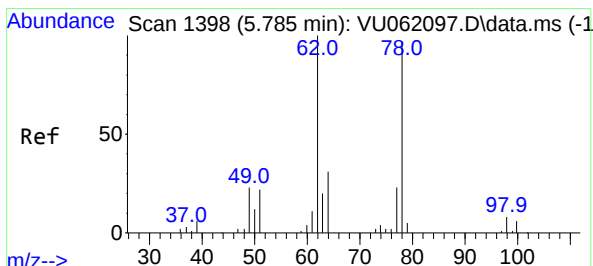
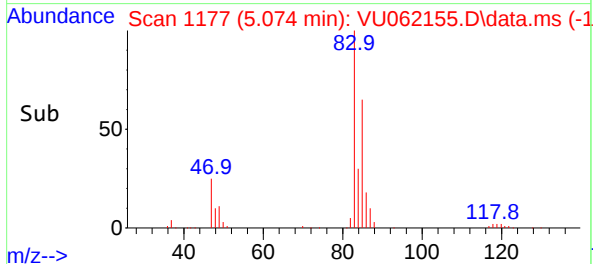
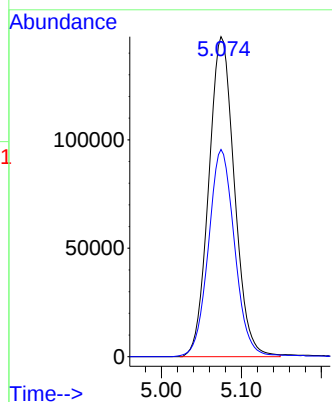
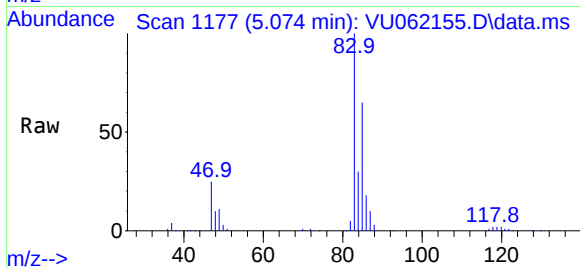
ClientSampleId :

Tgt Ion: 83 Resp: 329534

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 19.936 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU062155.D

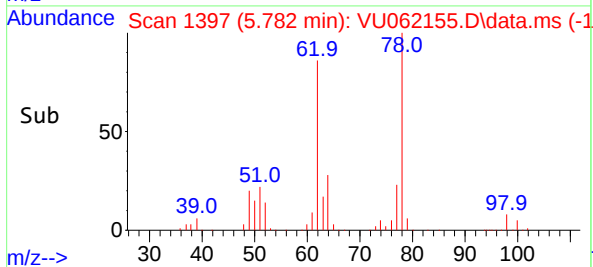
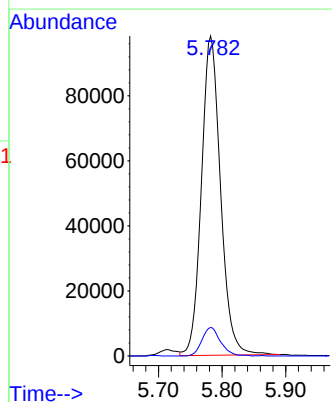
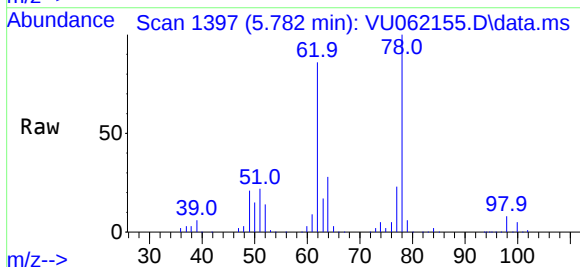
Acq: 09 Dec 2024 12:58

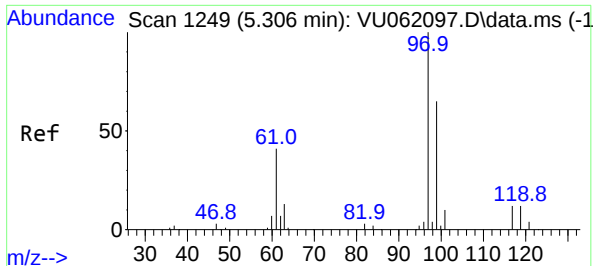
Tgt Ion: 62 Resp: 205001

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.0

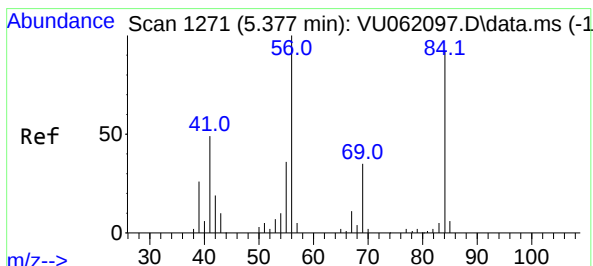
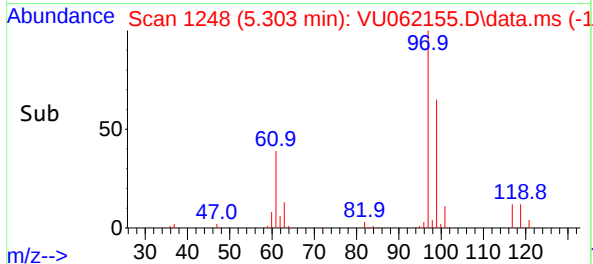
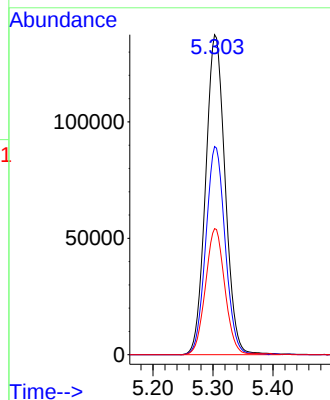
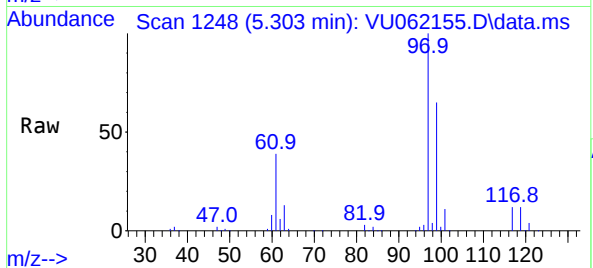




#29
1,1,1-Trichloroethane
Concen: 20.982 ug/L
RT: 5.303 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

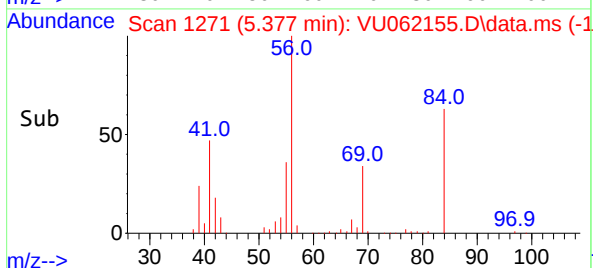
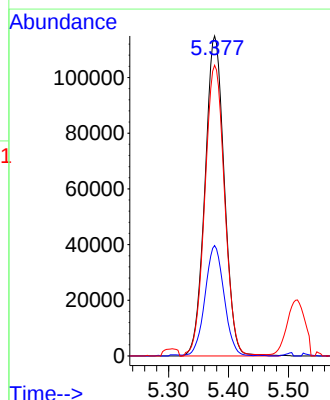
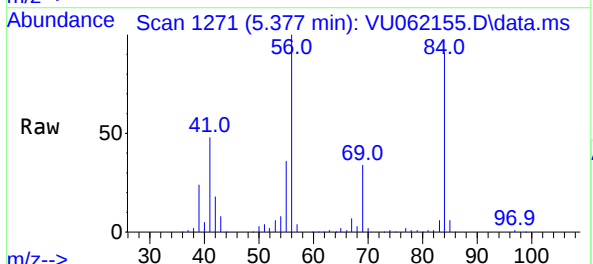
Instrument :
MSVOA_U
ClientSampleId :

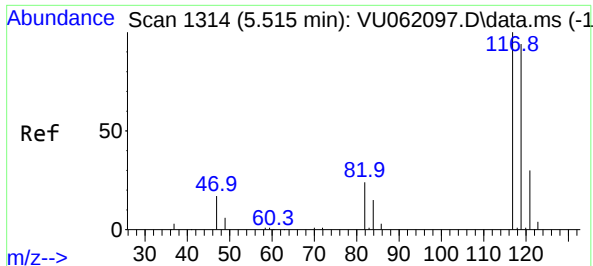
Tgt Ion: 97 Resp: 311556
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 39.0 37.8 56.6



#30
Cyclohexane
Concen: 21.378 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion: 56 Resp: 257394
Ion Ratio Lower Upper
56 100
69 33.8 25.1 37.7
84 93.3 70.6 105.8

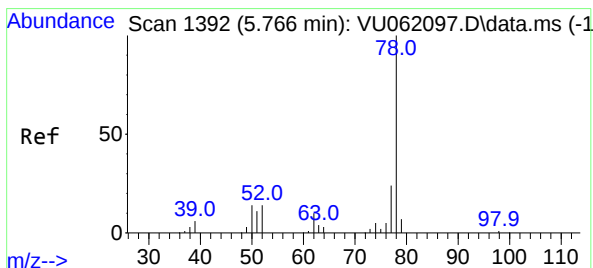
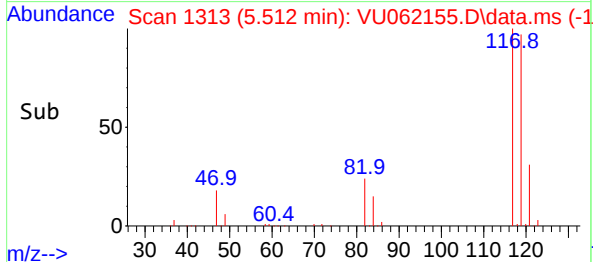
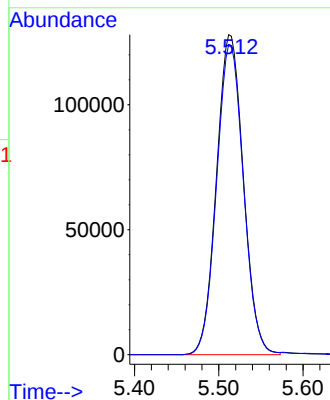
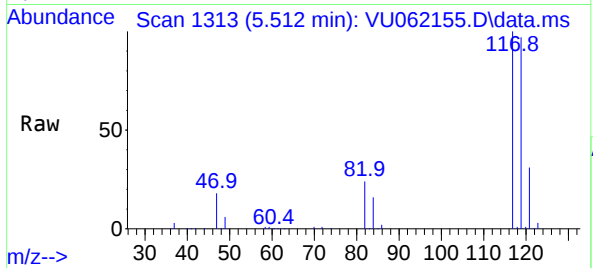




#31
Carbon tetrachloride
Concen: 20.850 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

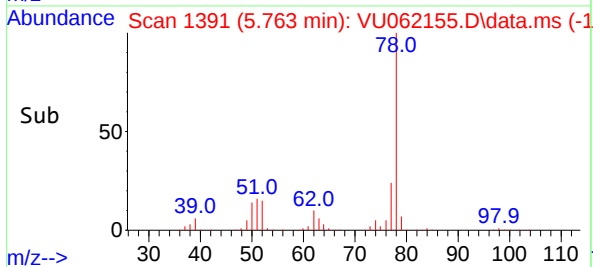
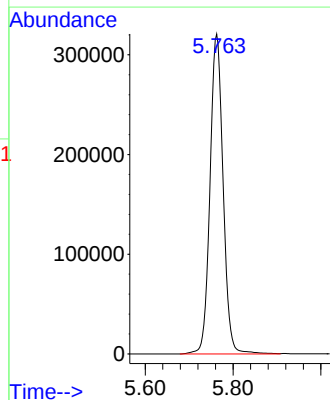
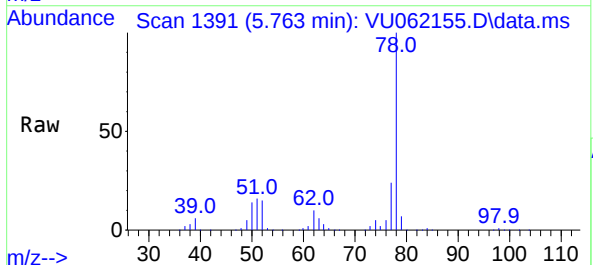
Instrument :
MSVOA_U
ClientSampleId :

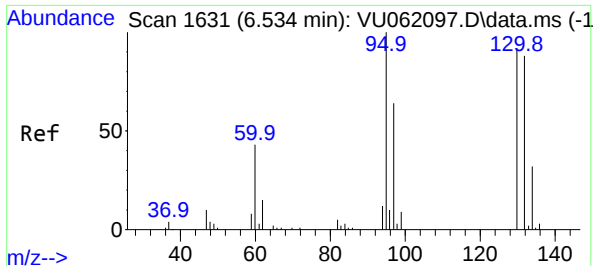
Tgt Ion:117 Resp: 283883
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3



#33
Benzene
Concen: 20.323 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion: 78 Resp: 664755





#34

Trichloroethene

Concen: 20.754 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 192299

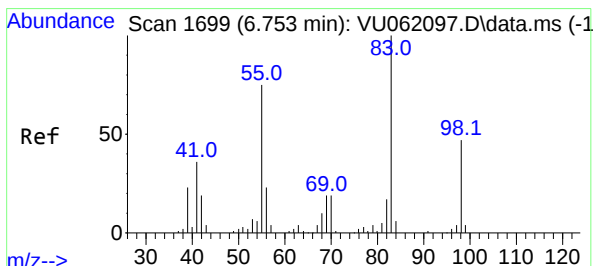
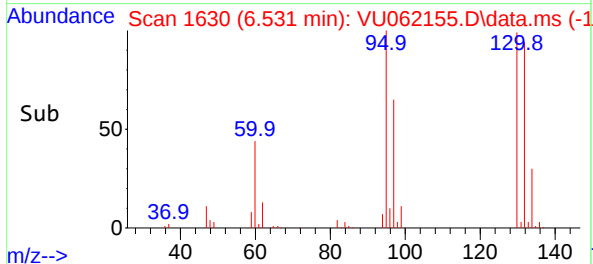
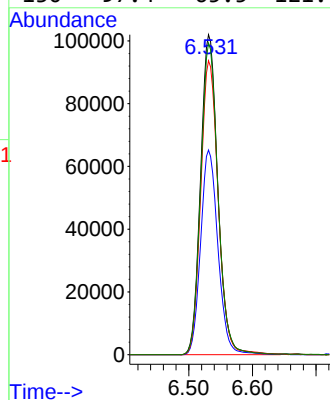
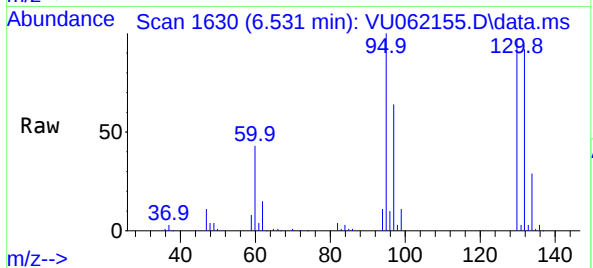
Ion Ratio Lower Upper

95 100

97 64.0 45.9 85.3

132 91.8 63.8 118.4

130 97.4 65.5 121.7



#35

Methylcyclohexane

Concen: 21.529 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

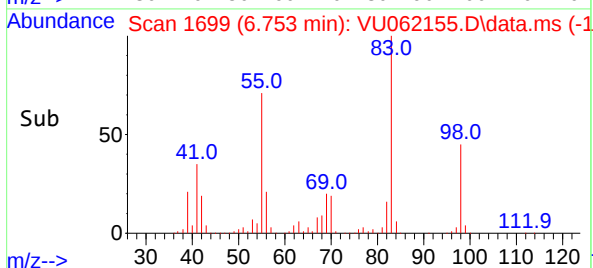
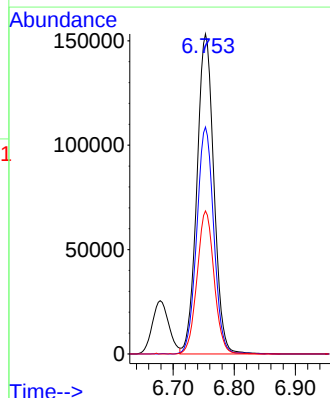
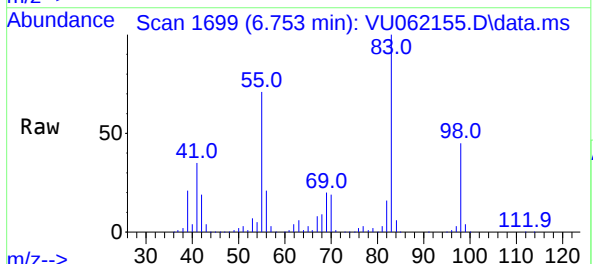
Tgt Ion: 83 Resp: 295762

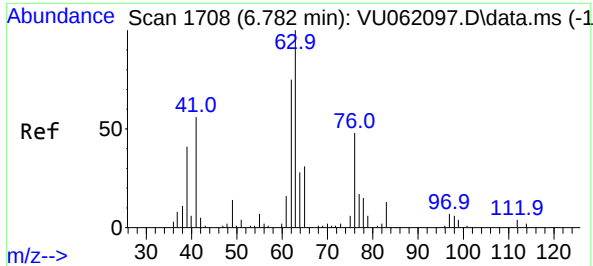
Ion Ratio Lower Upper

83 100

55 71.0 60.7 91.1

98 44.9 34.8 52.2

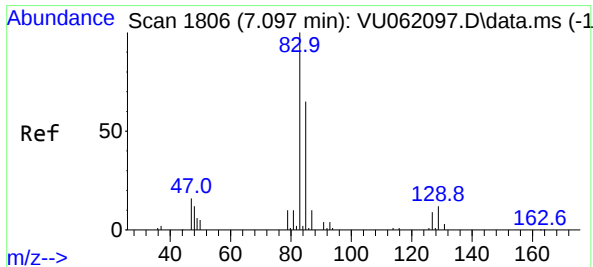
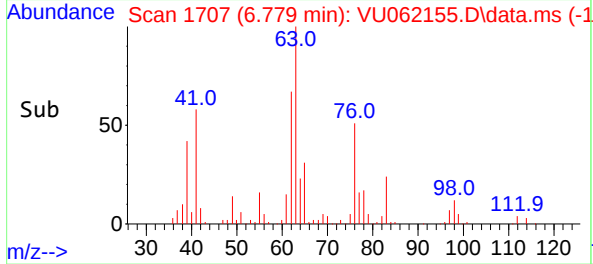
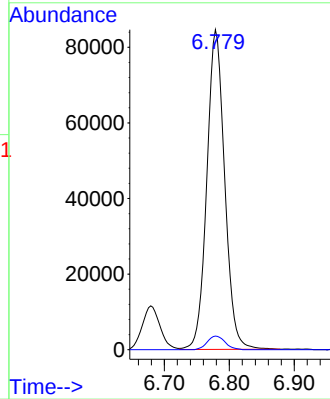
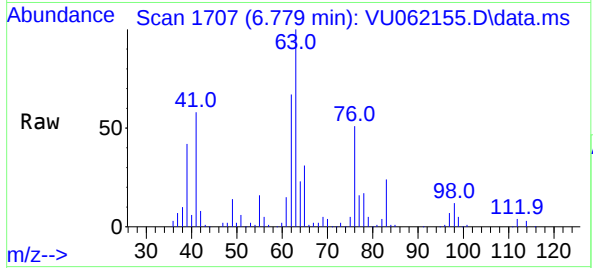




#37
1,2-Dichloropropane
Concen: 20.328 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

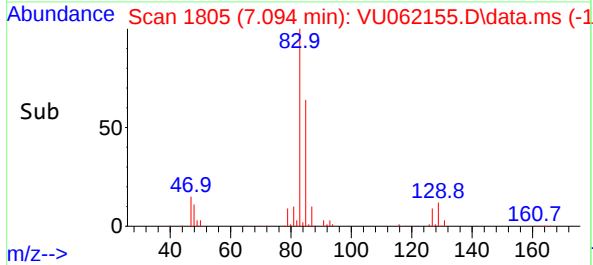
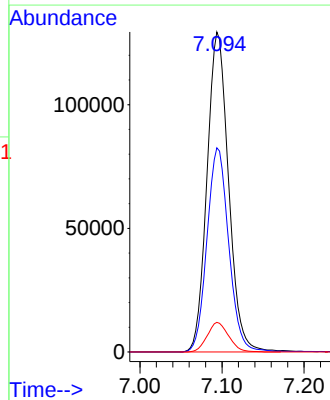
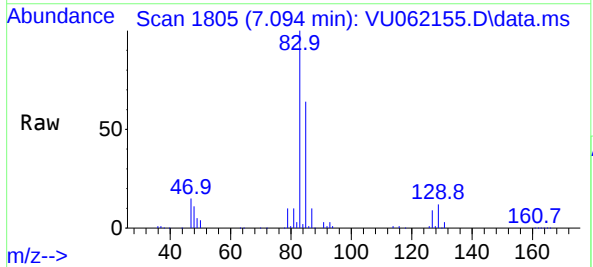
Instrument :
MSVOA_U
ClientSampleId :

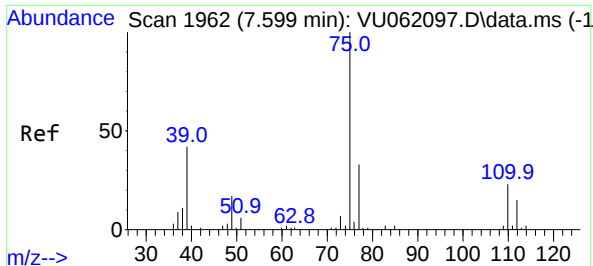
Tgt Ion: 63 Resp: 161926
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.0



#38
Bromodichloromethane
Concen: 21.004 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion: 83 Resp: 236055
Ion Ratio Lower Upper
83 100
85 63.8 44.1 81.9
127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 21.518 ug/L

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

Instrument :

MSVOA_U

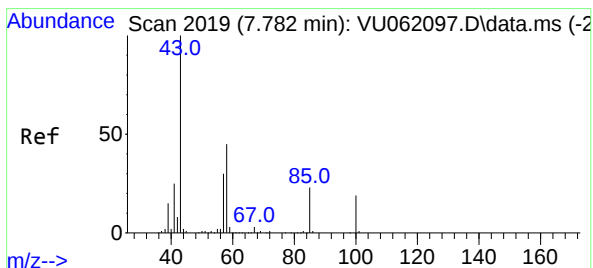
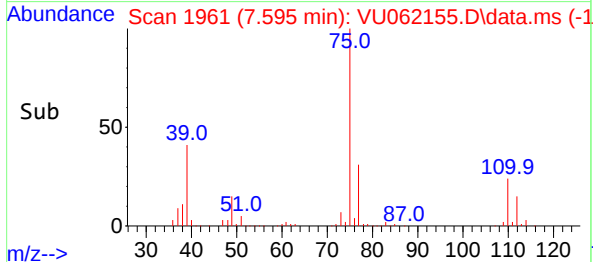
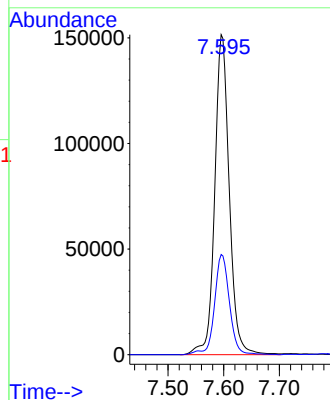
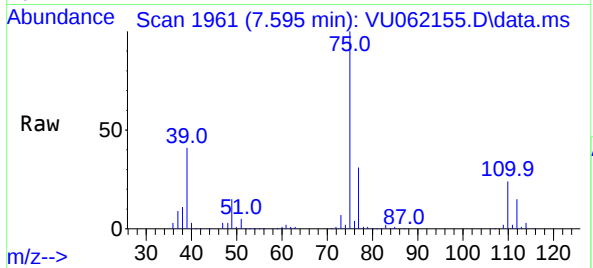
ClientSampleId :

Tgt Ion: 75 Resp: 274746

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 210.725 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

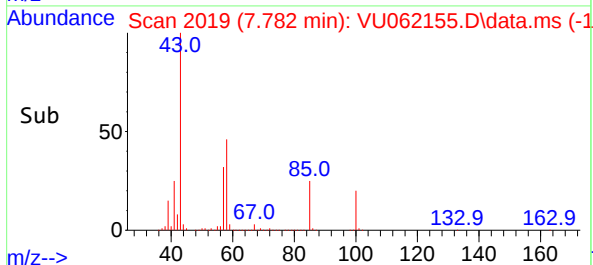
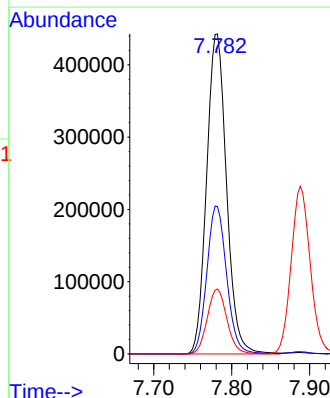
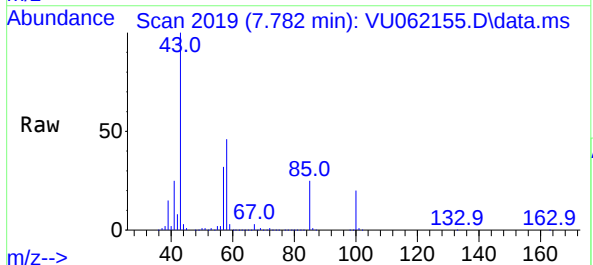
Tgt Ion: 43 Resp: 786695

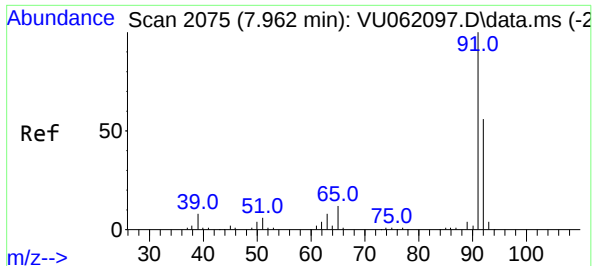
Ion Ratio Lower Upper

43 100

58 45.9 33.3 49.9

100 20.0 12.4 18.6#





#42

Toluene

Concen: 20.893 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

Instrument :

MSVOA_U

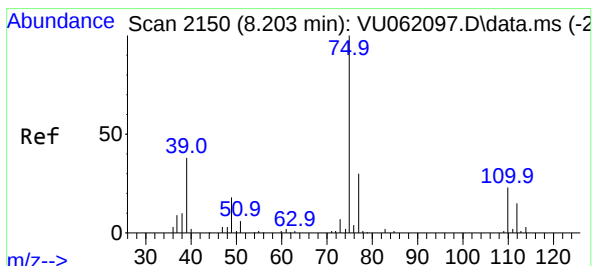
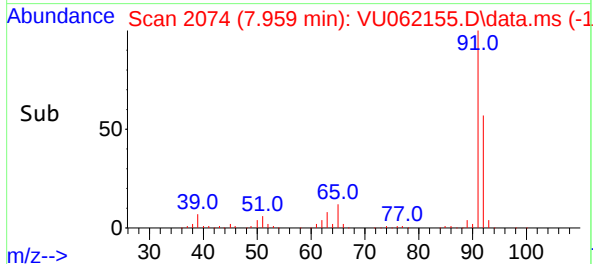
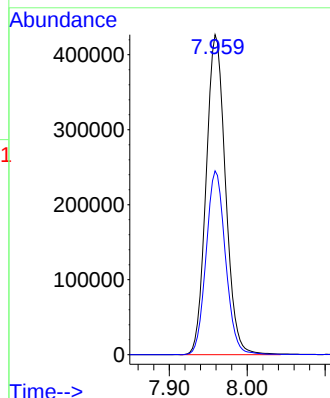
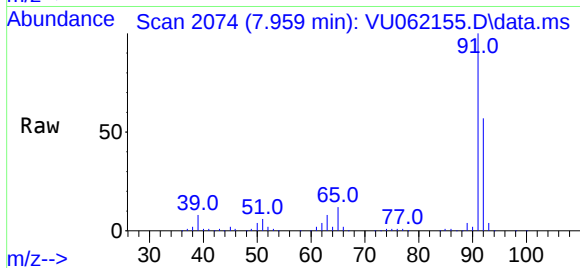
ClientSampleId :

Tgt Ion: 91 Resp: 736914

Ion Ratio Lower Upper

91 100

92 57.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 21.931 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU062155.D

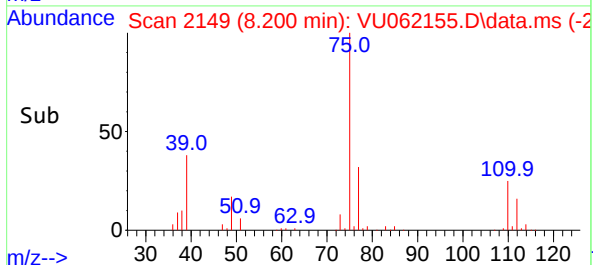
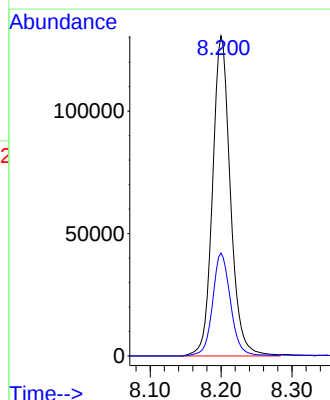
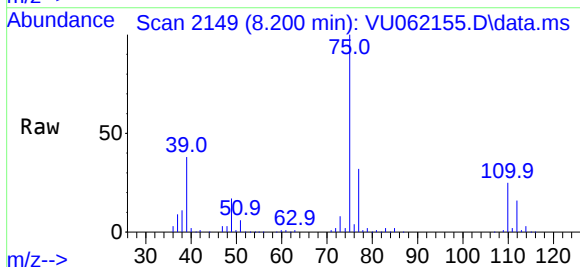
Acq: 09 Dec 2024 12:58

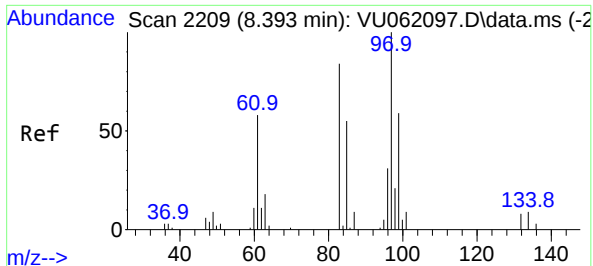
Tgt Ion: 75 Resp: 228657

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4



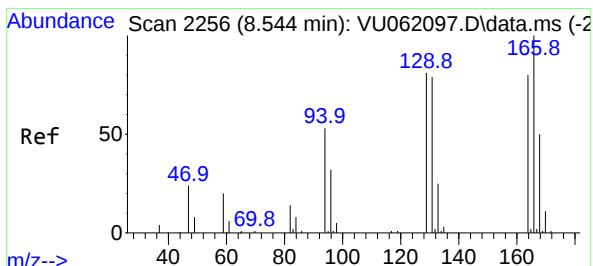
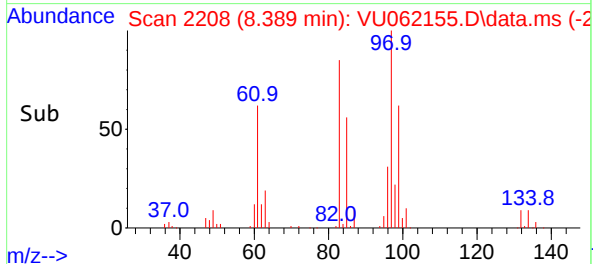
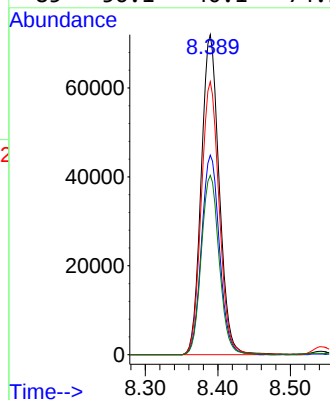
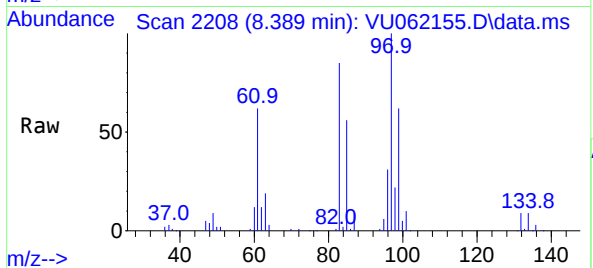


#45
1,1,2-Trichloroethane
Concen: 20.596 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 123852

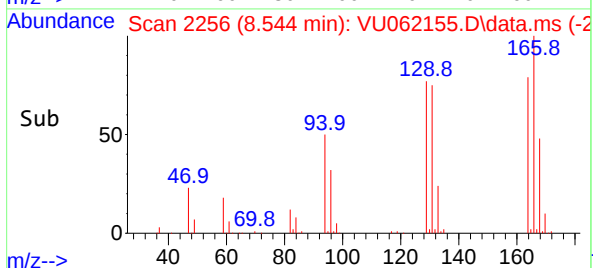
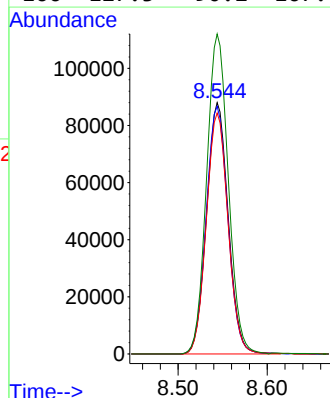
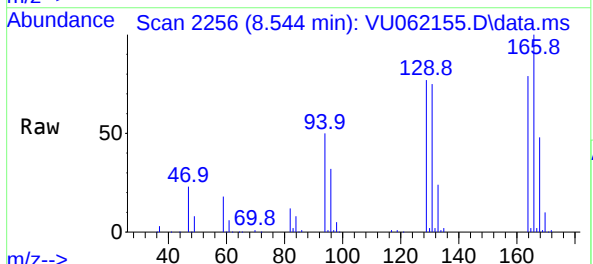
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.0	79.8
83	85.3	61.7	114.5
85	56.1	40.1	74.5

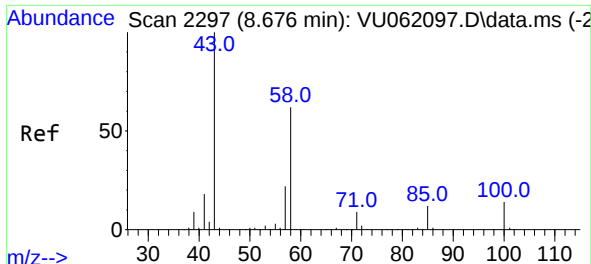


#47
Tetrachloroethene
Concen: 20.749 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion: 164 Resp: 148438

Ion	Ratio	Lower	Upper
164	100		
129	98.5	73.2	136.0
131	95.8	72.3	134.3
166	127.3	90.2	167.4

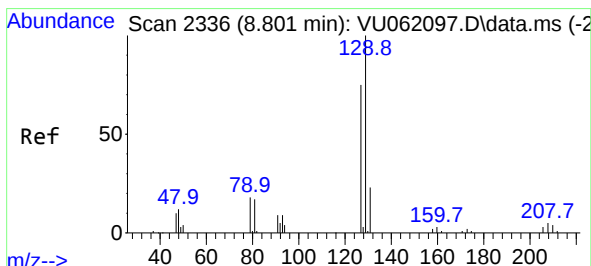
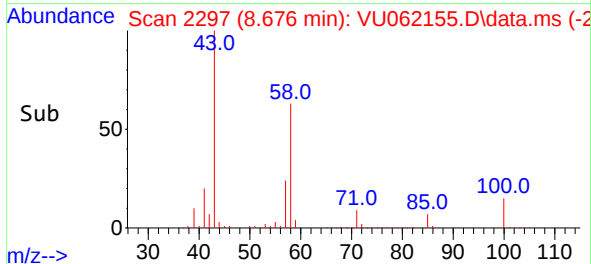
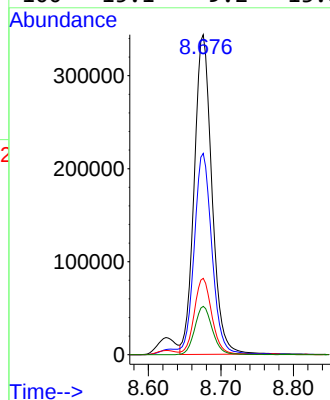
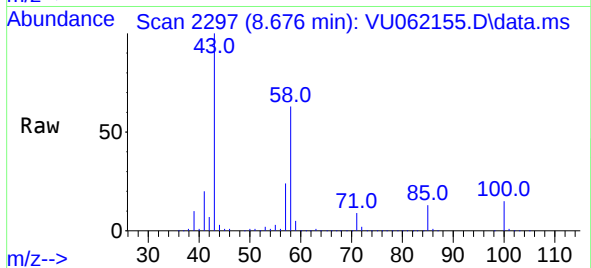




#48
2-Hexanone
Concen: 211.059 ug/L
RT: 8.676 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

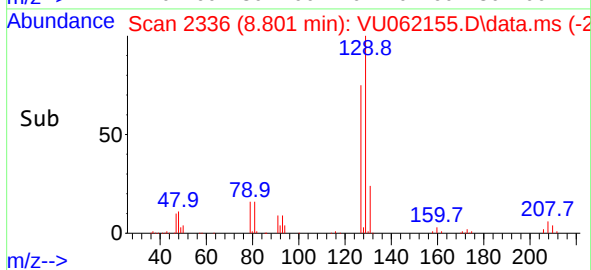
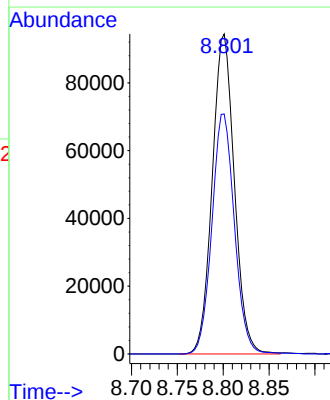
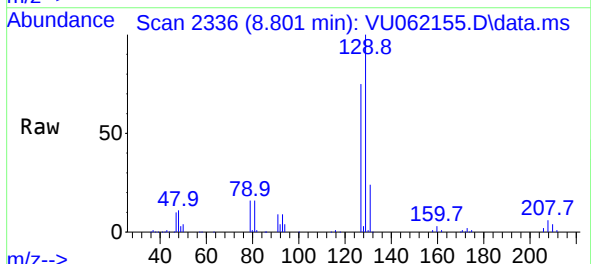
Instrument :
MSVOA_U
ClientSampleId :

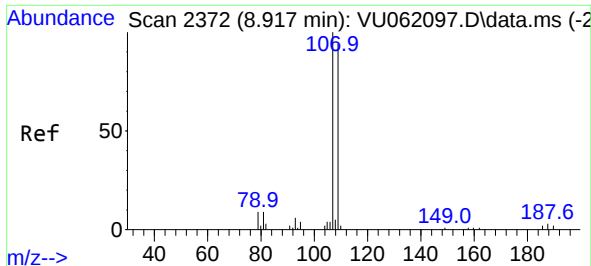
Tgt Ion: 43 Resp: 582314
Ion Ratio Lower Upper
43 100
58 63.5 47.5 71.3
57 23.9 15.6 23.4#
100 15.1 9.2 13.8#



#49
Dibromochloromethane
Concen: 21.796 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

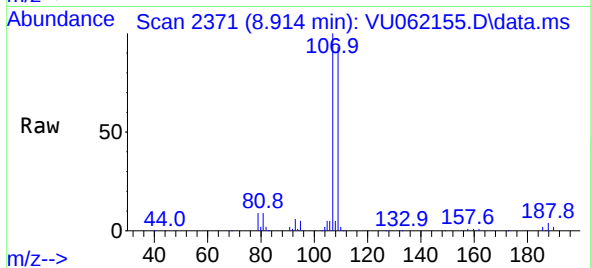
Tgt Ion:129 Resp: 158354
Ion Ratio Lower Upper
129 100
127 75.0 51.1 94.9



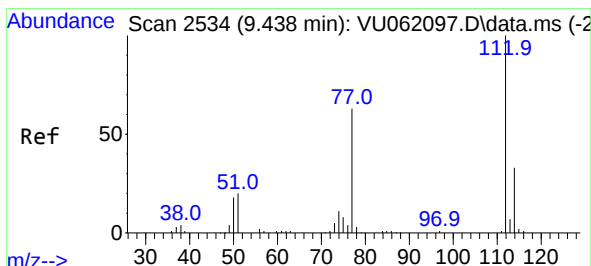
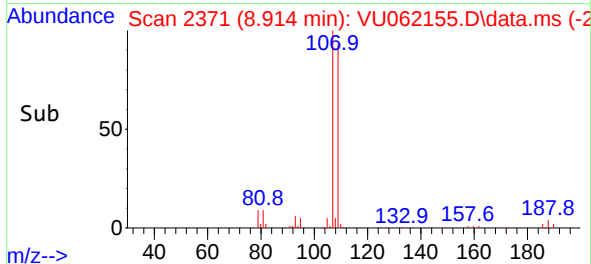
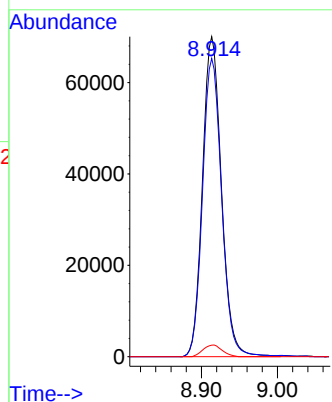


#50
1,2-Dibromoethane
Concen: 20.999 ug/L
RT: 8.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

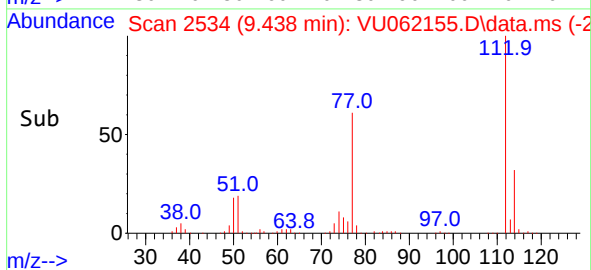
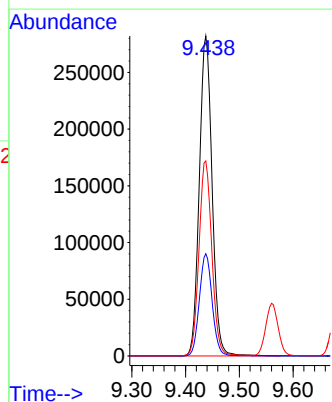
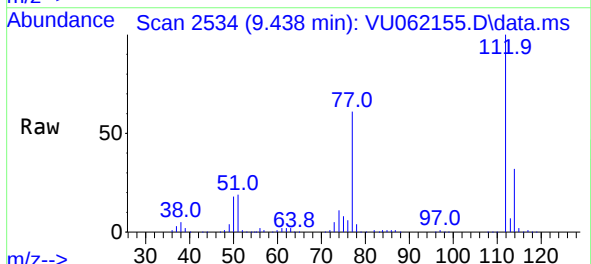


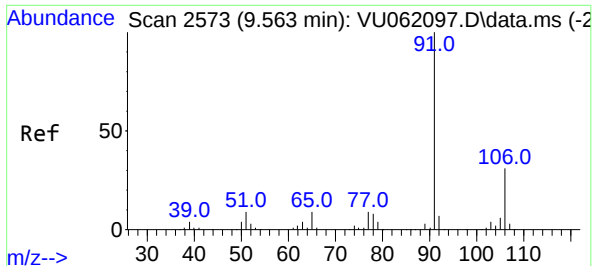
Tgt Ion:107 Resp: 121342
Ion Ratio Lower Upper
107 100
109 93.2 66.8 124.2
188 3.6 2.3 3.5#



#51
Chlorobenzene
Concen: 20.618 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion:112 Resp: 465984
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.6
77 60.9 50.5 75.7

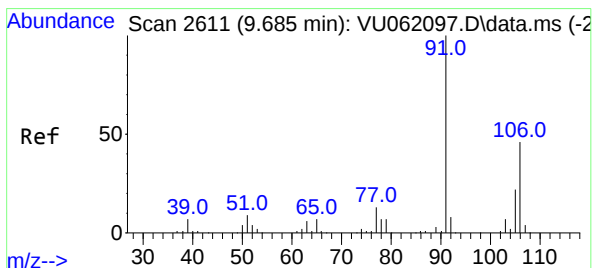
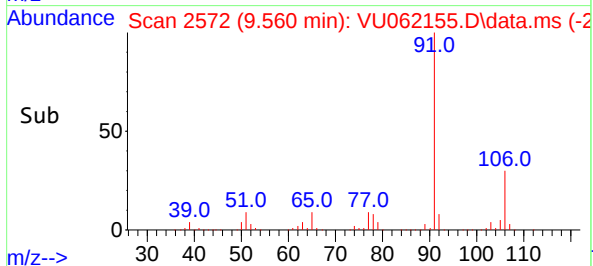
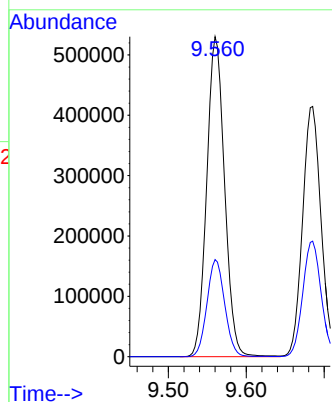
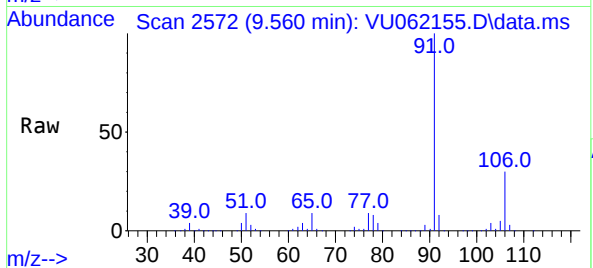




#52
Ethylbenzene
Concen: 21.324 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

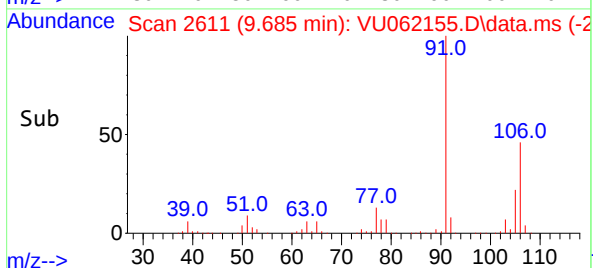
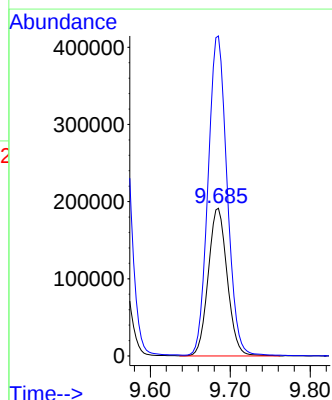
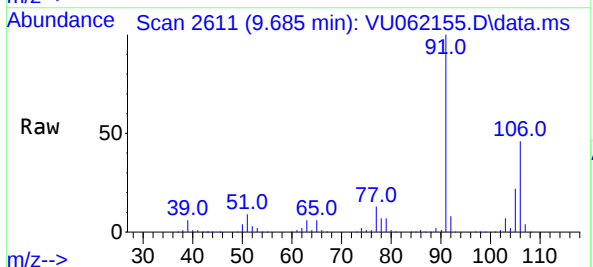
Instrument :
MSVOA_U
ClientSampleId :

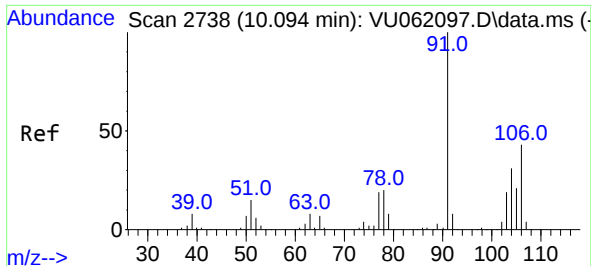
Tgt Ion: 91 Resp: 843238
Ion Ratio Lower Upper
91 100
106 30.4 21.6 40.0



#53
m,p-Xylene
Concen: 21.678 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion:106 Resp: 316509
Ion Ratio Lower Upper
106 100
91 216.7 147.6 274.0

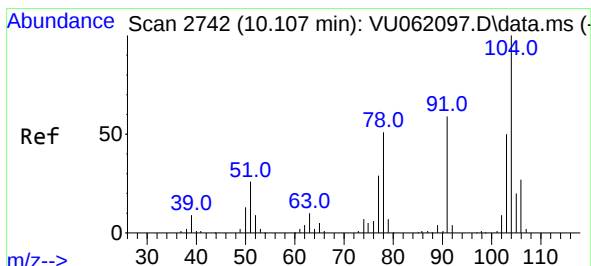
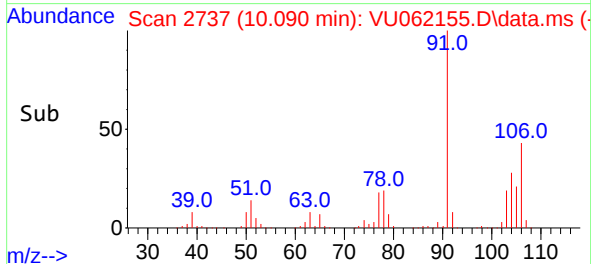
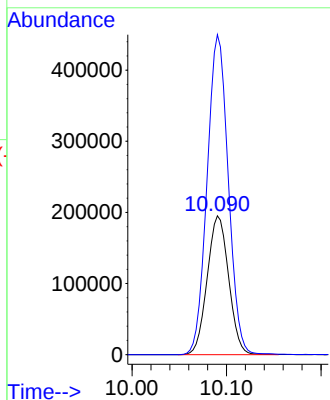
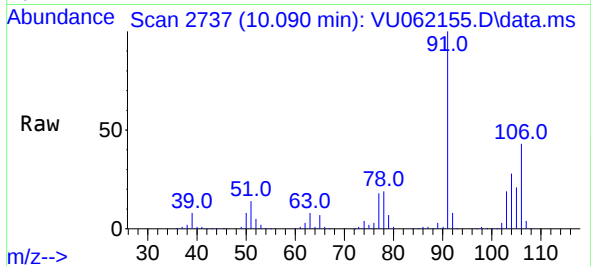




#54
o-Xylene
Concen: 21.708 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

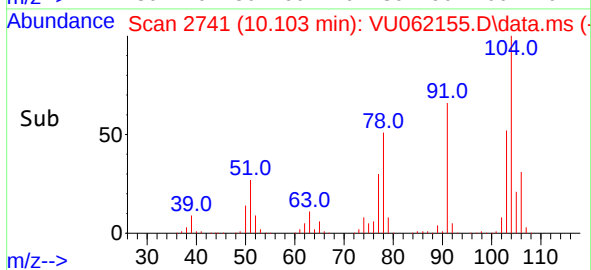
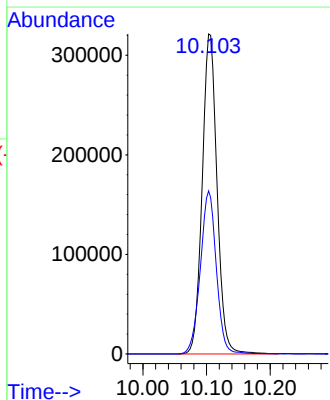
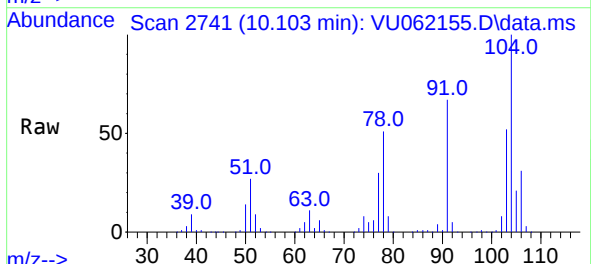
Instrument :
MSVOA_U
ClientSampleId :

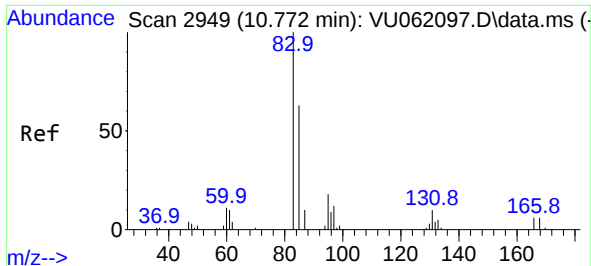
Tgt Ion:106 Resp: 308251
Ion Ratio Lower Upper
106 100
91 230.4 159.8 296.8



#55
Styrene
Concen: 22.250 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion:104 Resp: 520820
Ion Ratio Lower Upper
104 100
78 51.0 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 20.708 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :

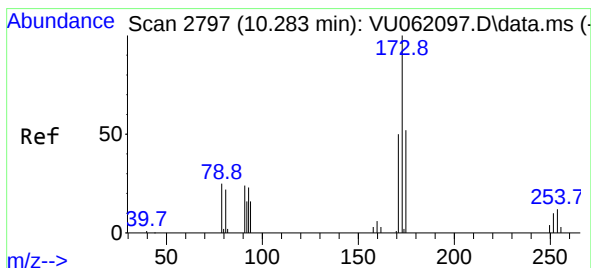
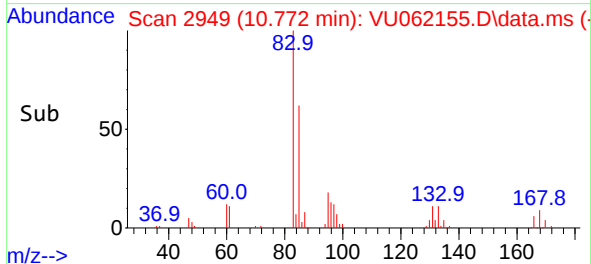
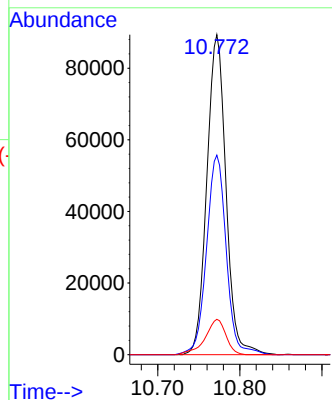
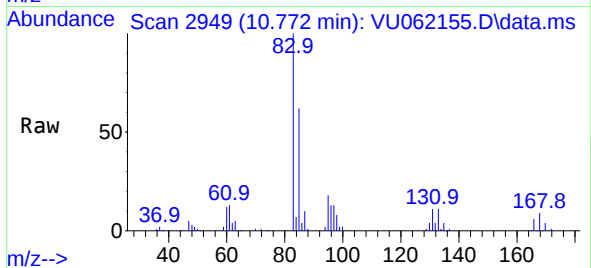
Tgt Ion: 83 Resp: 144924

Ion Ratio Lower Upper

83 100

85 62.4 44.4 82.4

131 11.1 7.3 10.9#



#59

Bromoform

Concen: 20.798 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

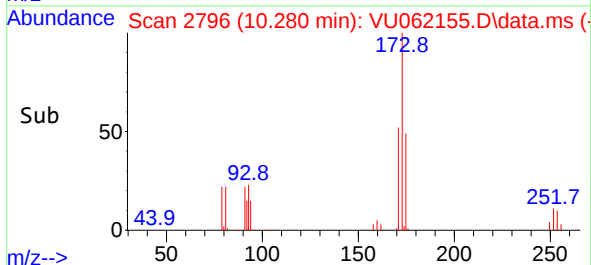
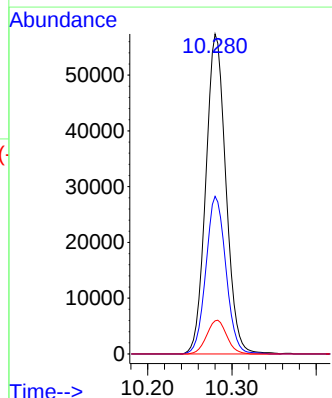
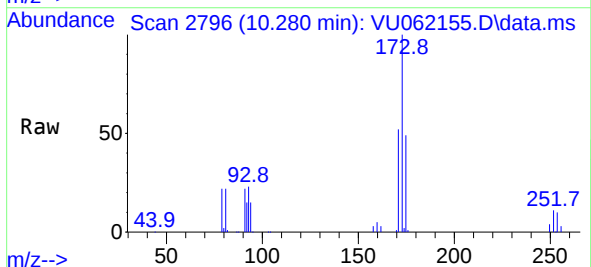
Tgt Ion:173 Resp: 95077

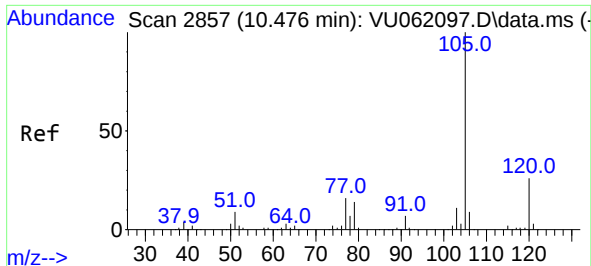
Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.4

254 10.5 7.4 11.0

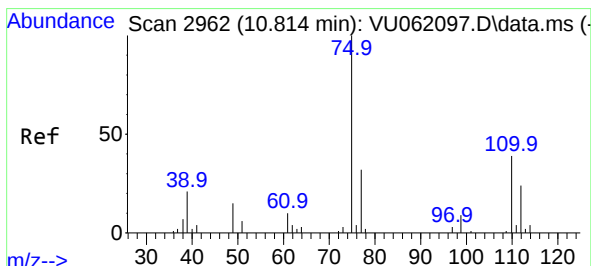
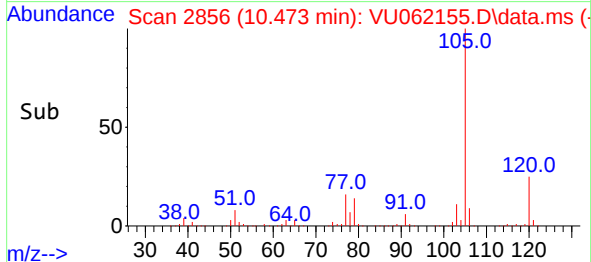
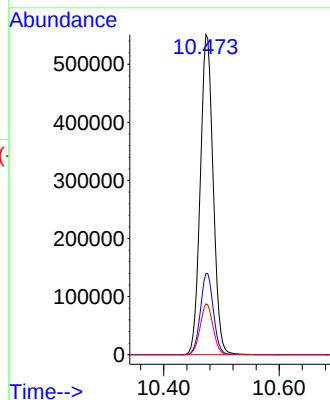
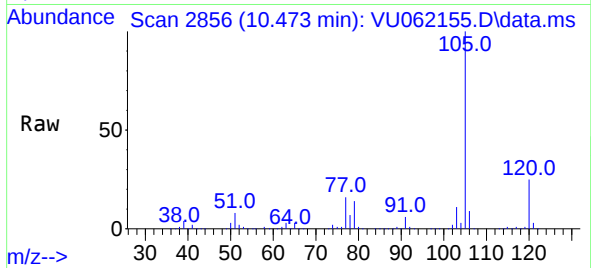




#60
Isopropylbenzene
Concen: 20.289 ug/L
RT: 10.473 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

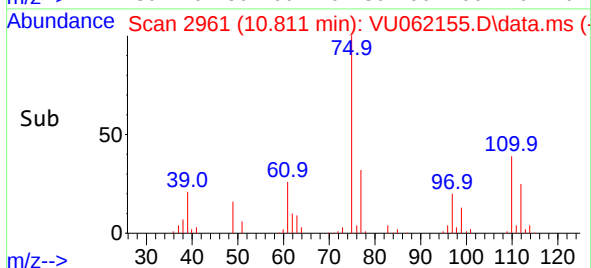
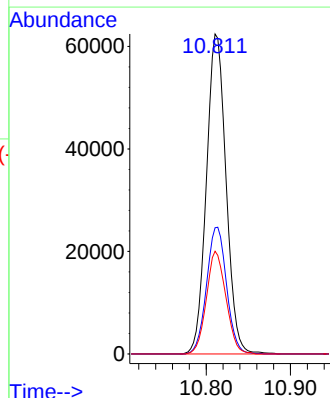
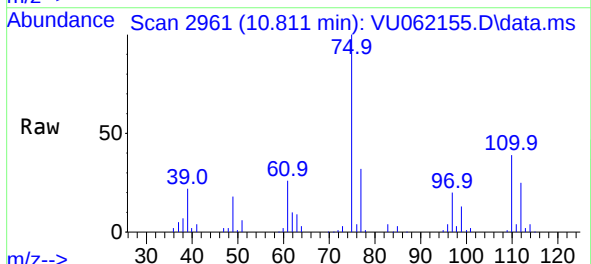
Instrument :
MSVOA_U
ClientSampleId :

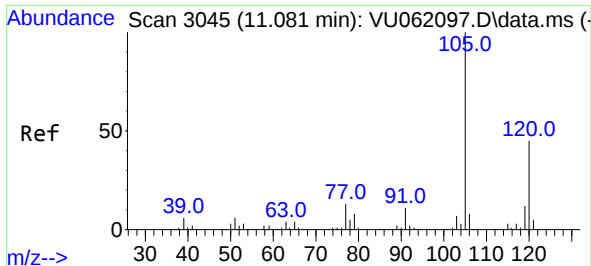
Tgt Ion:105 Resp: 852588
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 18.831 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion: 75 Resp: 101293
Ion Ratio Lower Upper
75 100
110 40.3 28.9 43.3
77 32.0 26.5 39.7

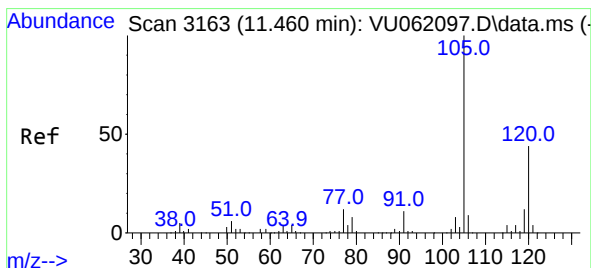
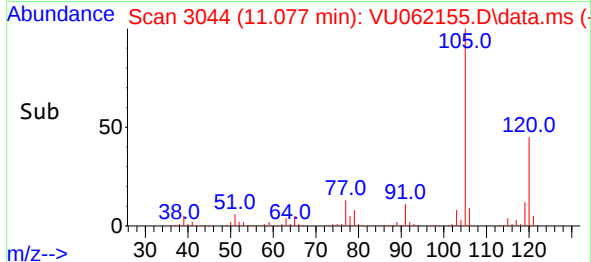
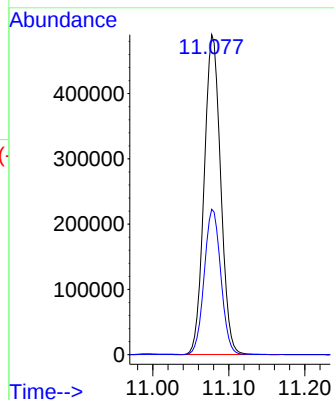
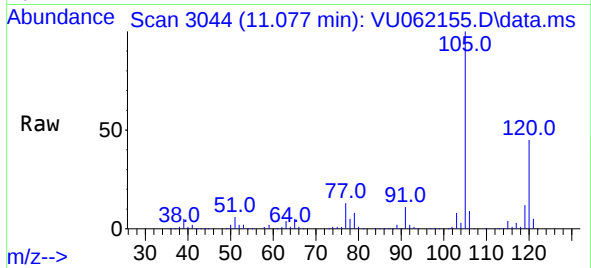




#62
1,3,5-Trimethylbenzene
Concen: 20.766 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.004 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

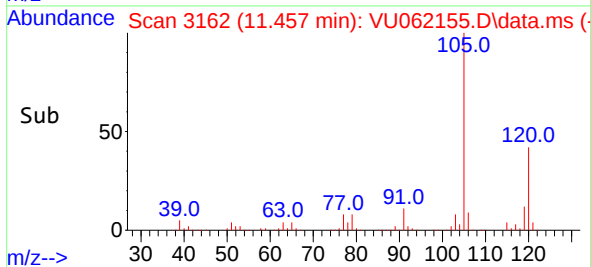
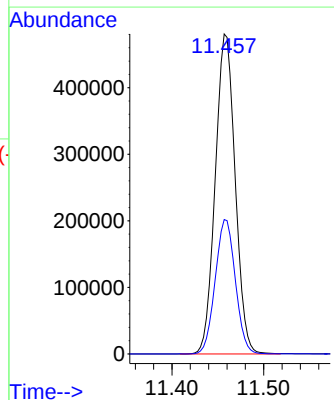
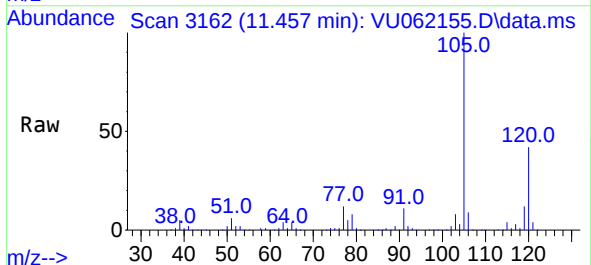
Instrument :
MSVOA_U
ClientSampleId :

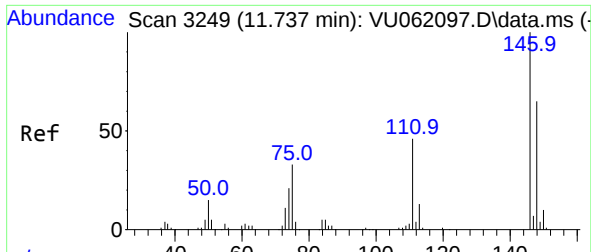
Tgt Ion:105 Resp: 738461
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 20.817 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

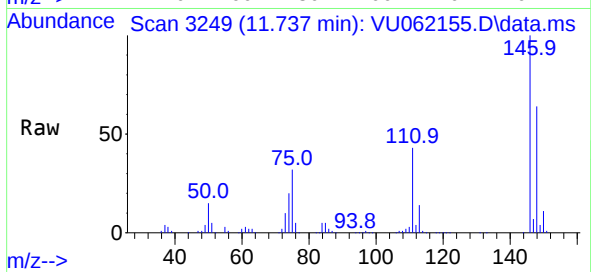
Tgt Ion:105 Resp: 725308
Ion Ratio Lower Upper
105 100
120 42.5 34.7 52.1



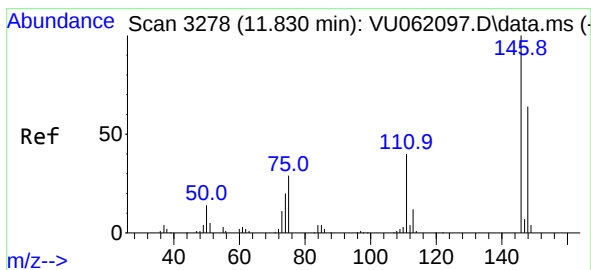
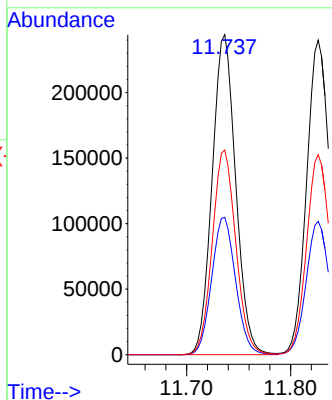


#64
1,3-Dichlorobenzene
Concen: 19.951 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

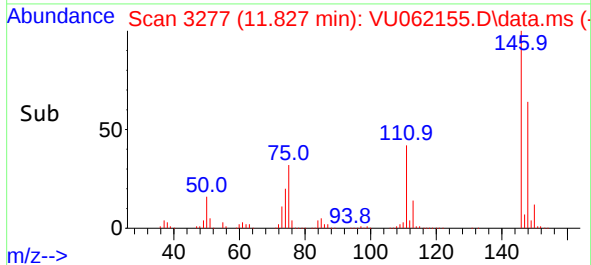
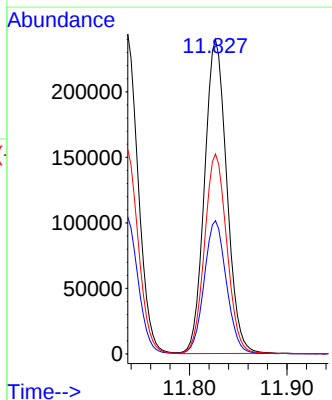
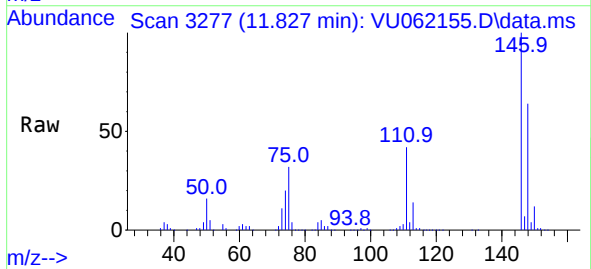


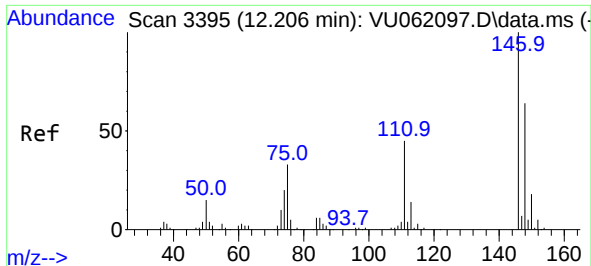
Tgt Ion:146 Resp: 385118
Ion Ratio Lower Upper
146 100
111 42.9 30.7 57.1
148 64.0 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 19.524 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion:146 Resp: 379511
Ion Ratio Lower Upper
146 100
111 42.4 29.3 54.3
148 63.6 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 19.716 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :

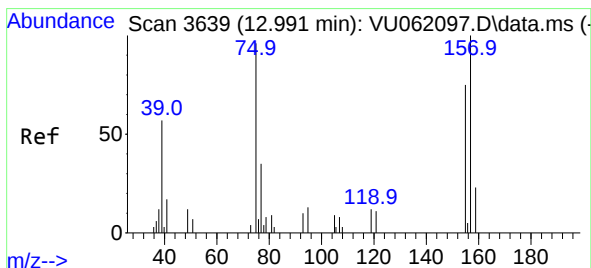
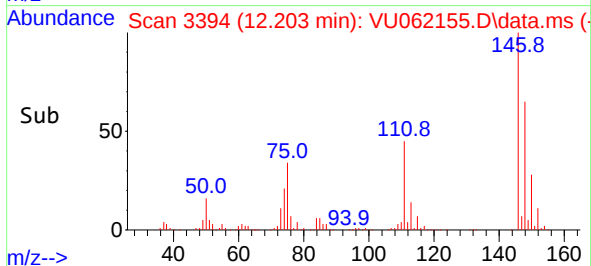
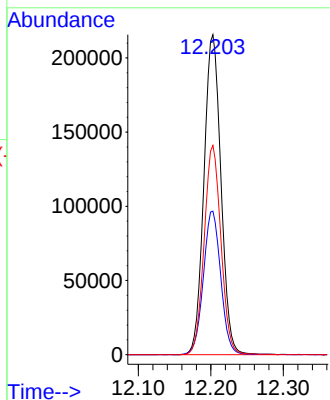
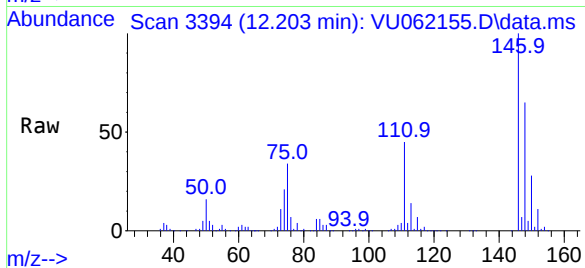
Tgt Ion:146 Resp: 351702

Ion Ratio Lower Upper

146 100

111 44.8 36.0 54.0

148 65.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.180 ug/L

RT: 12.984 min Scan# 3637

Delta R.T. -0.007 min

Lab File: VU062155.D

Acq: 09 Dec 2024 12:58

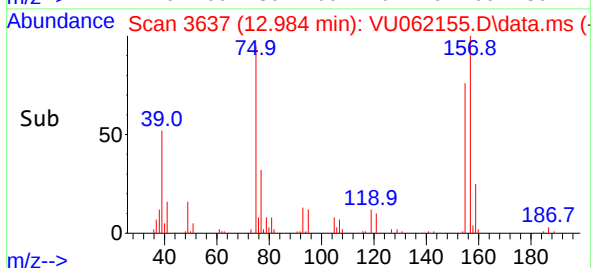
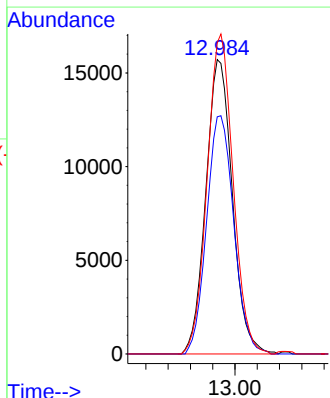
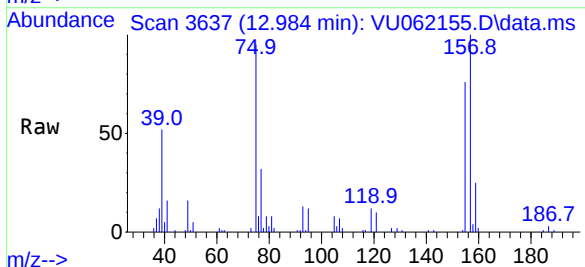
Tgt Ion: 75 Resp: 26024

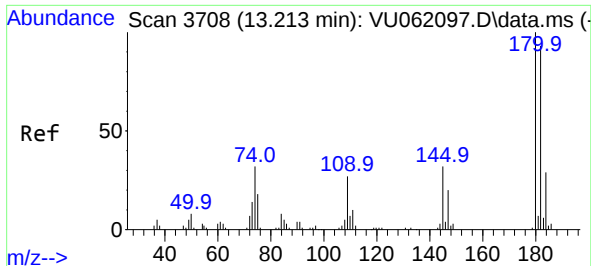
Ion Ratio Lower Upper

75 100

155 80.6 55.2 82.8

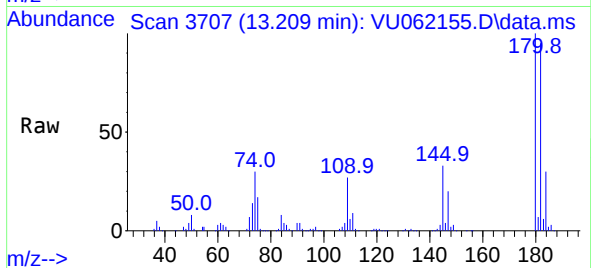
157 105.7 73.5 110.3



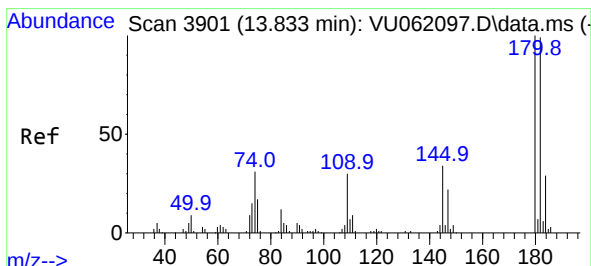
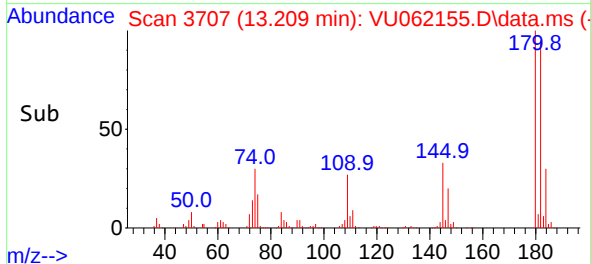
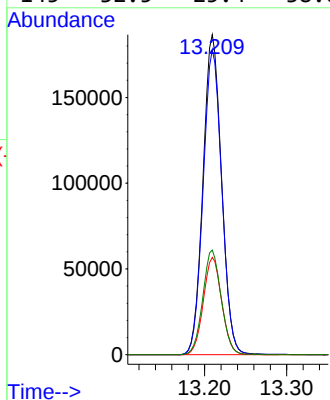


#69
1,3,5-Trichlorobenzene
Concen: 20.405 ug/L
RT: 13.209 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

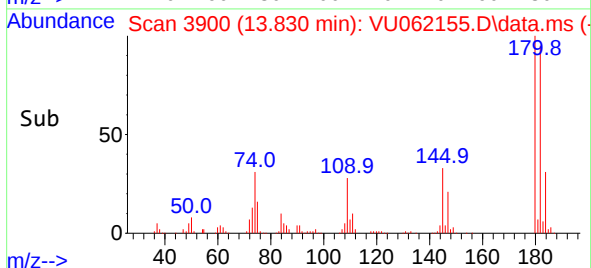
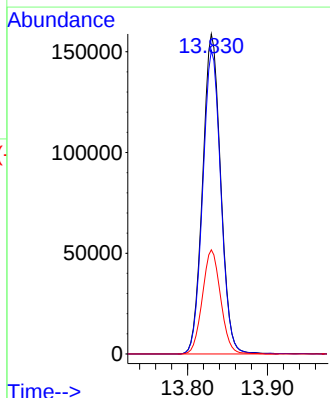
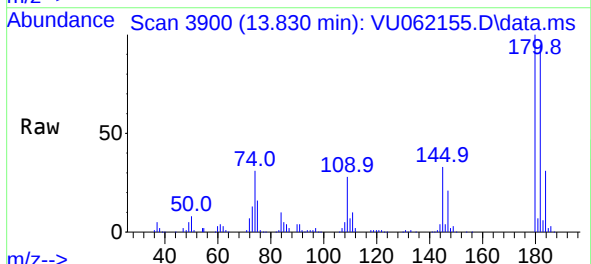


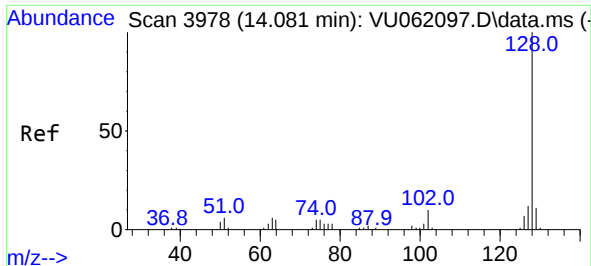
Tgt Ion:180 Resp: 292784
Ion Ratio Lower Upper
180 100
182 95.7 76.7 115.1
184 30.2 24.8 37.2
145 32.5 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 22.028 ug/L
RT: 13.830 min Scan# 3900
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

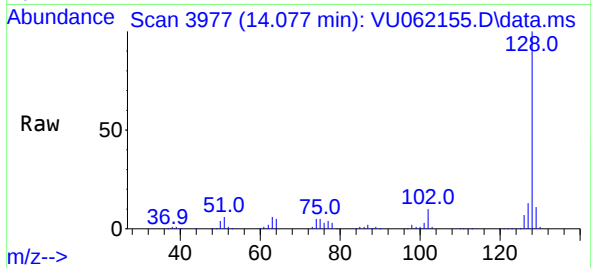
Tgt Ion:180 Resp: 249554
Ion Ratio Lower Upper
180 100
182 95.1 74.5 111.7
145 32.9 25.6 38.4



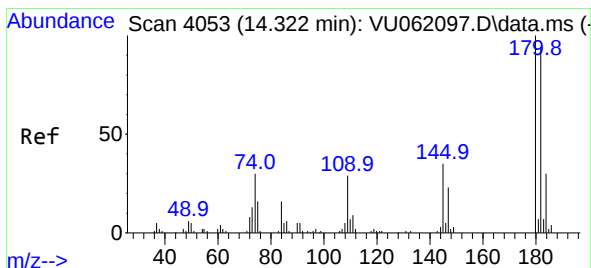
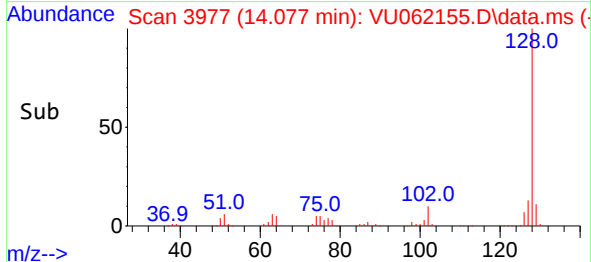
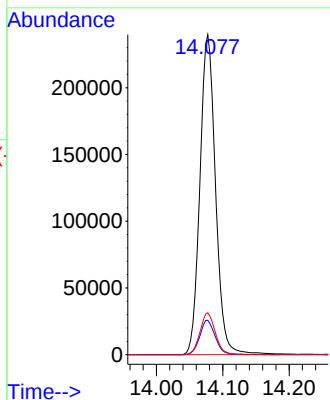


#71
Naphthalene
Concen: 23.090 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 392802
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 21.192 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062155.D
Acq: 09 Dec 2024 12:58

Tgt Ion:180 Resp: 211723
Ion Ratio Lower Upper
180 100
182 94.9 76.1 114.1
145 34.9 27.4 41.0

