

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062153.D
 Acq On : 09 Dec 2024 12:08
 Operator : MD/SY
 Sample : VSTD00558
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 12:57:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 12:03:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	121282	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	113621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	40211	6.759	ug/L	0.00
7) Chloroethane-d5	1.904	69	28069	5.334	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	19005	7.996	ug/L	0.00
20) 2-Butanone-d5	4.621	46	75867	40.611	ug/L	0.00
24) Chloroform-d	5.052	84	86160	5.937	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	42712	5.718	ug/L	0.00
32) Benzene-d6	5.717	84	162427	7.337	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	46765	6.217	ug/L	0.00
41) Toluene-d8	7.891	98	154380	8.361	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	20489	7.358	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	60221	47.379	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	35116	4.672	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	52075	6.071	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	56418	5.317	ug/L	97
3) Chloromethane	1.515	50	43524	3.979	ug/L	98
5) Vinyl chloride	1.599	62	47149	4.196	ug/L	100
6) Bromomethane	1.853	94	29417	4.398	ug/L	98
8) Chloroethane	1.927	64	26328	3.634	ug/L	99
9) Trichlorofluoromethane	2.132	101	81325	5.721	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	42609	4.872	ug/L	92
12) 1,1-Dichloroethene	2.573	96	40980	5.038	ug/L	88
13) Acetone	2.631	43	52543	40.736	ug/L	96
14) Carbon disulfide	2.785	76	130470	5.043	ug/L	99
15) Methyl Acetate	2.949	43	13115	3.960	ug/L #	90
16) Methylene chloride	3.036	84	43834	4.488	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	102901	4.936	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	42343	4.925	ug/L	93
19) 1,1-Dichloroethane	3.859	63	76968	4.595	ug/L	97
21) 2-Butanone	4.698	43	81584	39.136	ug/L	91
22) cis-1,2-Dichloroethene	4.656	96	46525	4.808	ug/L	98
23) Bromochloromethane	4.965	128	20764	4.936	ug/L #	87
25) Chloroform	5.078	83	87941	5.023	ug/L	99
27) 1,2-Dichloroethane	5.785	62	54663	4.854	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	82525	6.301	ug/L	95
30) Cyclohexane	5.377	56	64656	4.720	ug/L	95
31) Carbon tetrachloride	5.515	117	74595	6.708	ug/L	99
33) Benzene	5.766	78	174994	5.100	ug/L	100
34) Trichloroethene	6.534	95	49088	5.360	ug/L	97
35) Methylcyclohexane	6.756	83	73141	5.221	ug/L	96
37) 1,2-Dichloropropane	6.782	63	44127	4.950	ug/L	99
38) Bromodichloromethane	7.097	83	60631	5.608	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	69079	5.526	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	203685	42.346	ug/L #	93
42) Toluene	7.962	91	193058	5.361	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	58539	5.897	ug/L	97

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

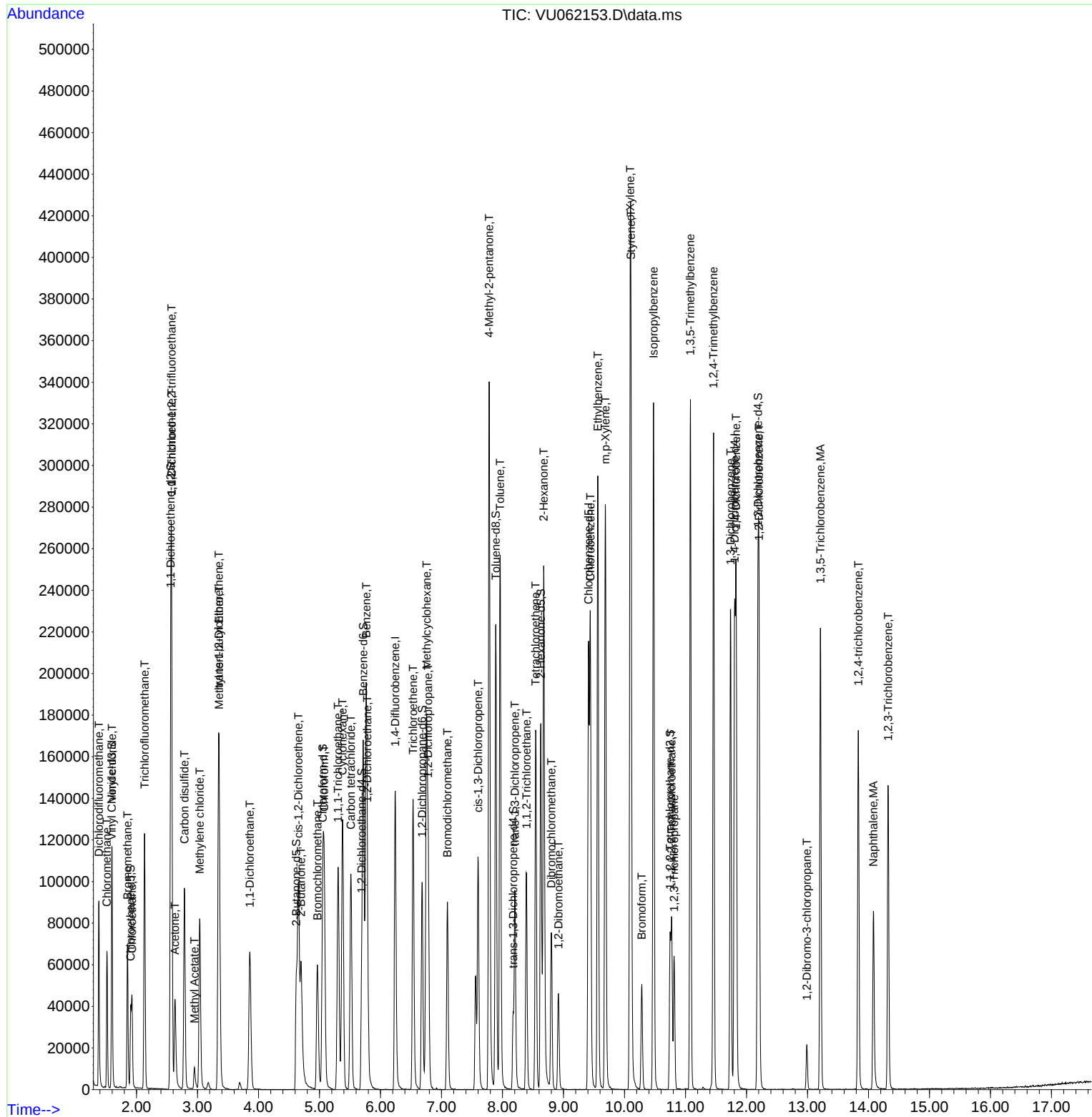
45) 1,1,2-Trichloroethane	8.393	97	32576	4.960	ug/L	98
47) Tetrachloroethene	8.544	164	38696	5.810	ug/L	94
48) 2-Hexanone	8.676	43	148796	41.306	ug/L #	94
49) Dibromochloromethane	8.801	129	39838	5.742	ug/L	93
50) 1,2-Dibromoethane	8.917	107	31578	4.845	ug/L	97
51) Chlorobenzene	9.441	112	120983	4.906	ug/L	98
52) Ethylbenzene	9.563	91	217899	5.057	ug/L	98
53) m,p-Xylene	9.688	106	82388	5.418	ug/L	98
54) o-Xylene	10.093	106	78702	5.128	ug/L	98
55) Styrene	10.106	104	130011	5.142	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	38164	4.535	ug/L	98
59) Bromoform	10.283	173	23435	5.435	ug/L	99
60) Isopropylbenzene	10.476	105	215042	4.755	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	26970	4.022	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	182090	5.047	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	177071	4.922	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	96458	4.804	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	95487	4.914	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	89399	5.120	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	6157	5.380	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	70582	5.908	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	54067	5.905	ug/L	97
71) Naphthalene	14.080	128	76323	5.172	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	45660	5.790	ug/L	98

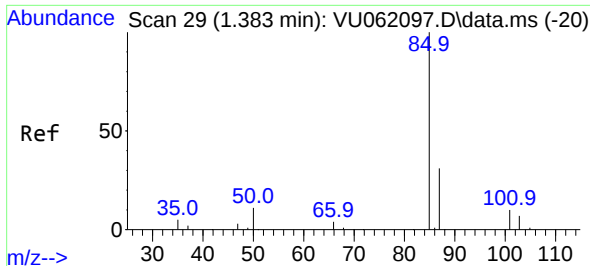
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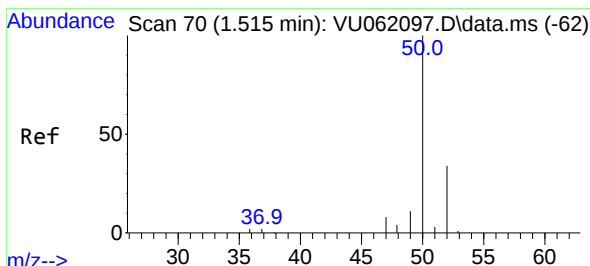
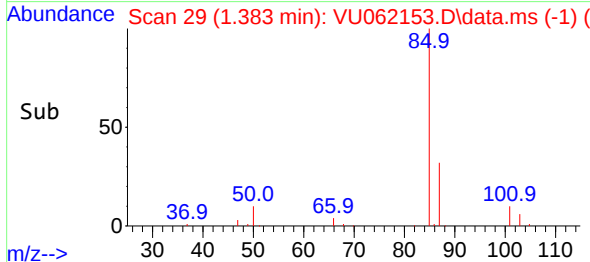
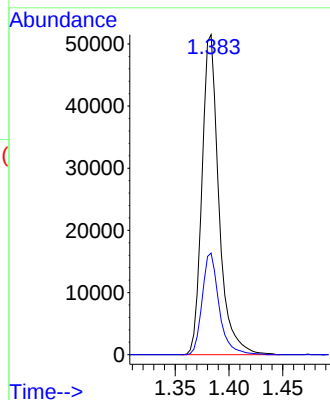
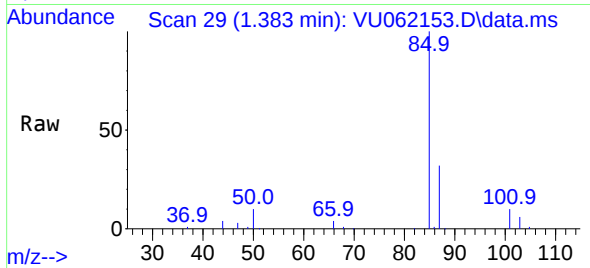




#2
Dichlorodifluoromethane
Concen: 5.317 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

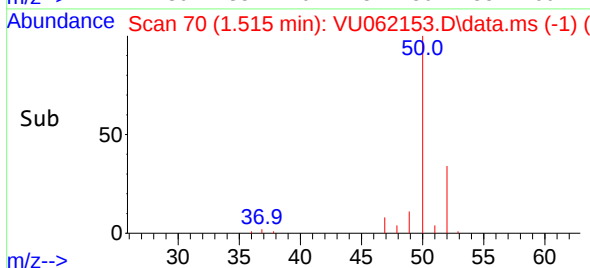
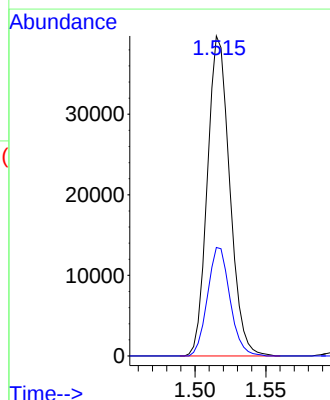
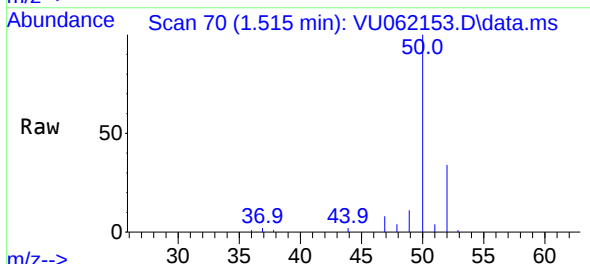
Instrument :
MSVOA_U
ClientSampleId :

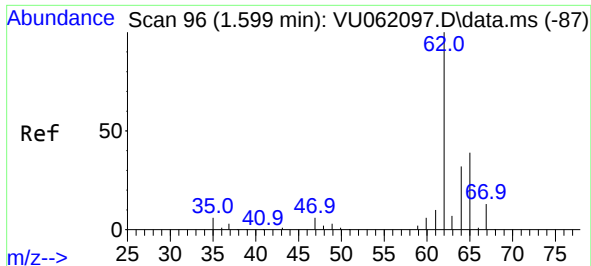
Tgt Ion: 85 Resp: 56418
Ion Ratio Lower Upper
85 100
87 31.7 26.6 40.0



#3
Chloromethane
Concen: 3.979 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 50 Resp: 43524
Ion Ratio Lower Upper
50 100
52 33.9 23.1 42.9

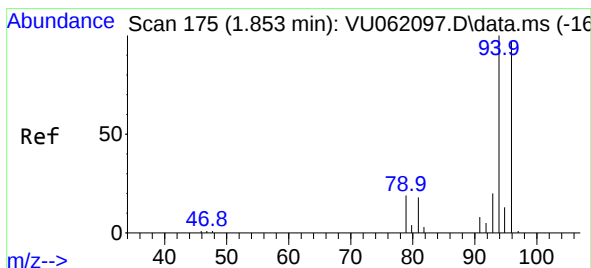
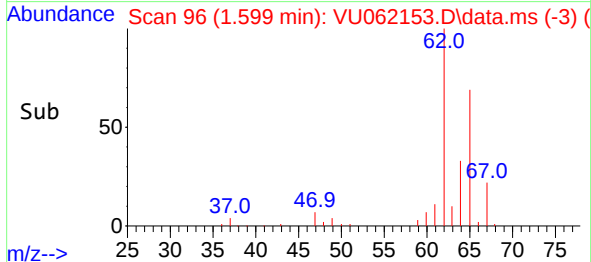
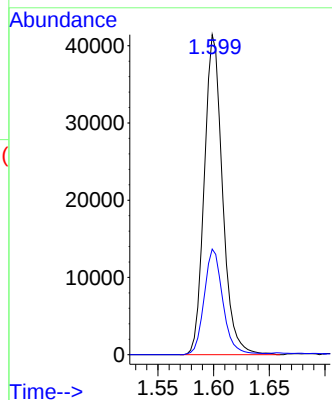
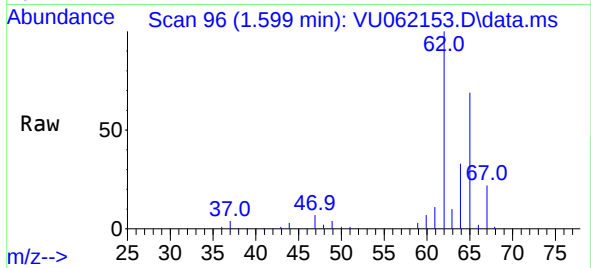




#5
Vinyl chloride
Concen: 4.196 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

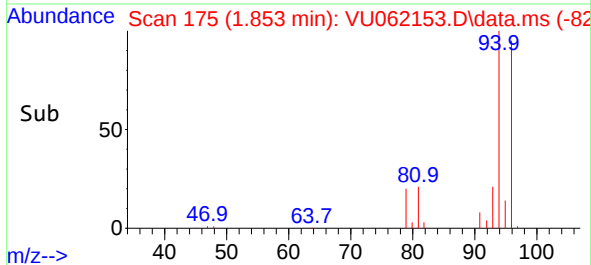
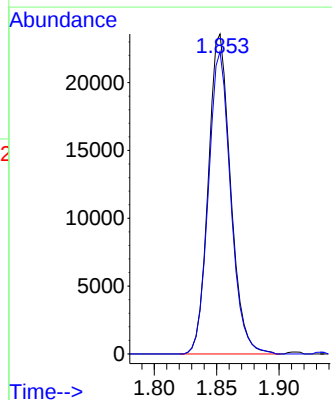
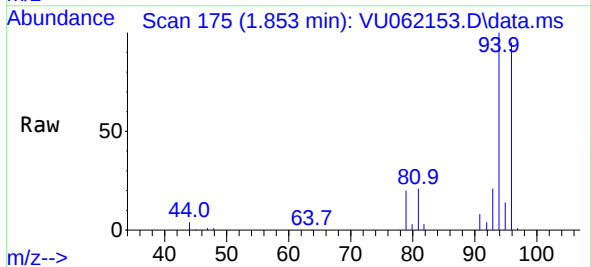
Instrument :
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ClientSampleId :

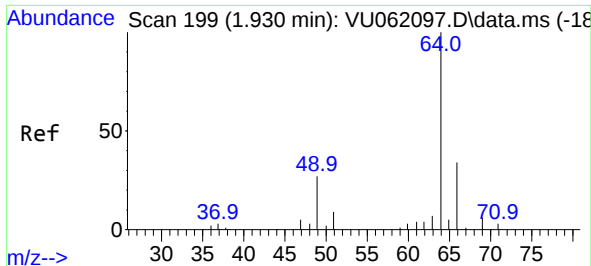
Tgt Ion: 62 Resp: 47149
Ion Ratio Lower Upper
62 100
64 33.0 23.1 42.9



#6
Bromomethane
Concen: 4.398 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 94 Resp: 29417
Ion Ratio Lower Upper
94 100
96 94.5 64.5 119.9

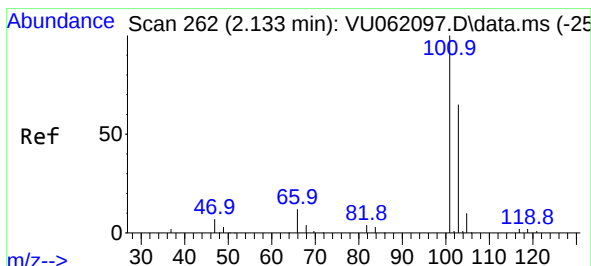
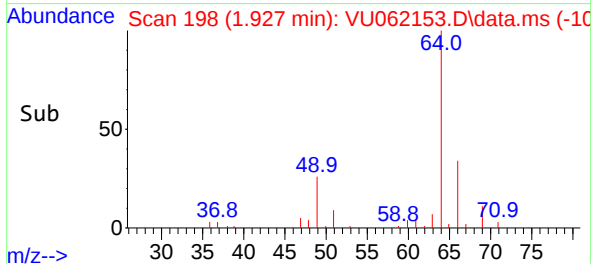
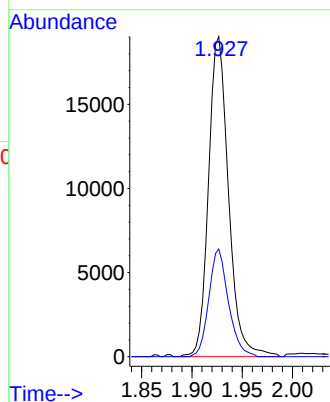
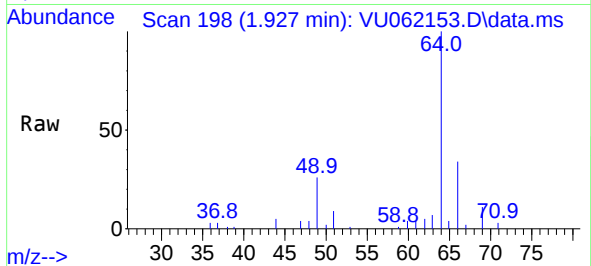




#8
Chloroethane
Concen: 3.634 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

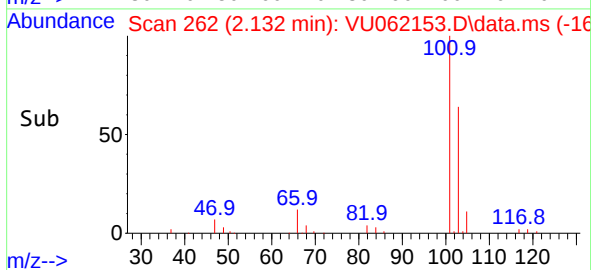
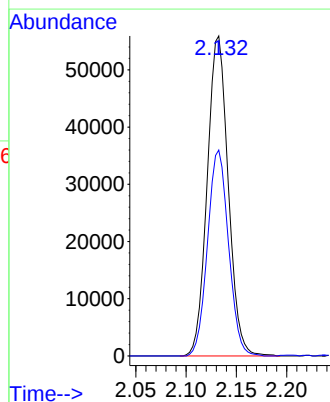
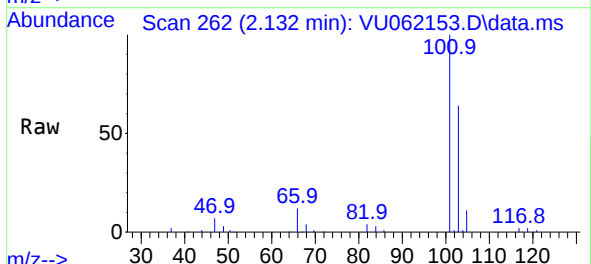
Instrument :
MSVOA_U
ClientSampleId :

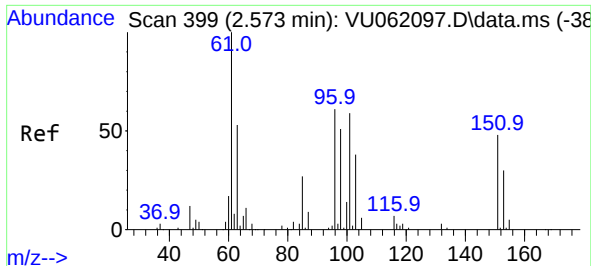
Tgt Ion: 64 Resp: 26328
Ion Ratio Lower Upper
64 100
66 33.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.721 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 101 Resp: 81325
Ion Ratio Lower Upper
101 100
103 64.1 50.6 75.8

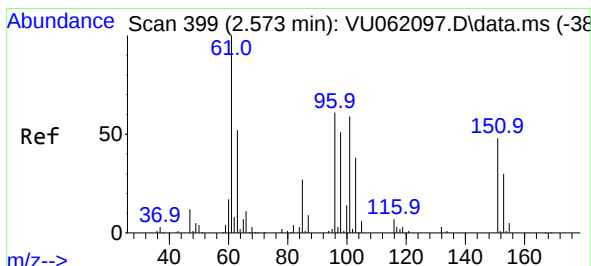
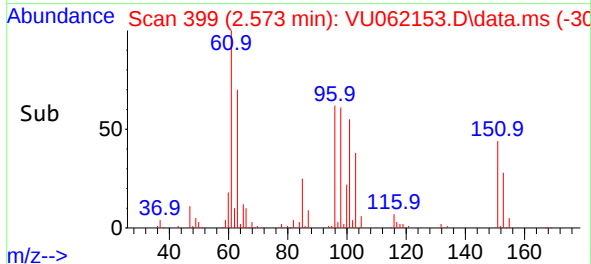
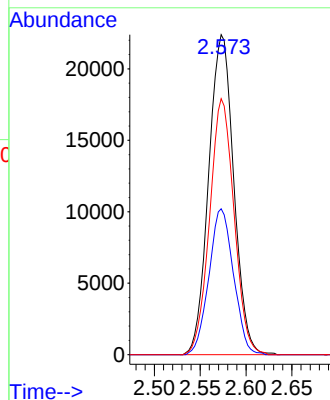
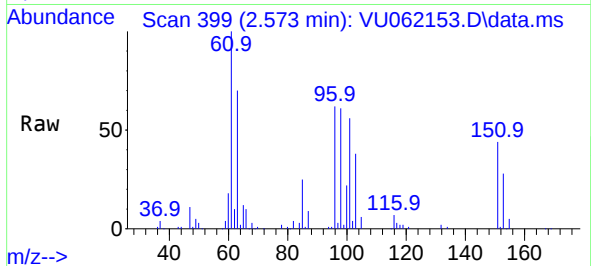




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.872 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

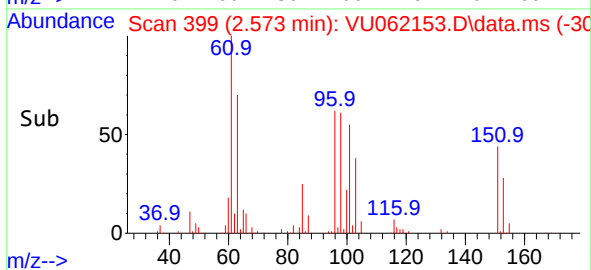
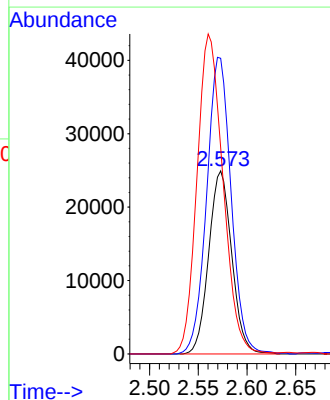
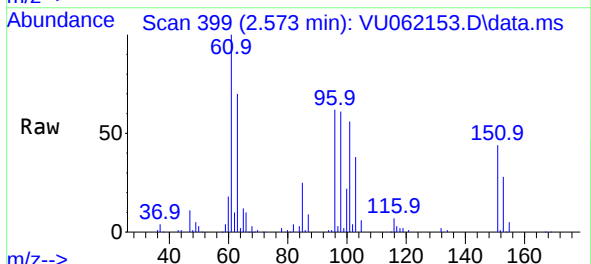
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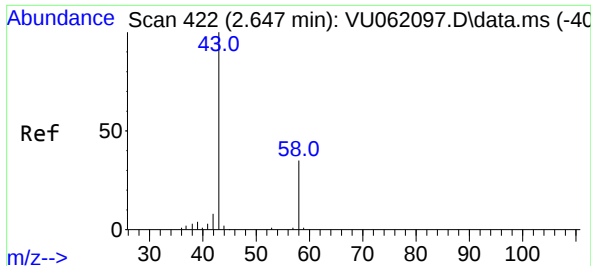
Tgt Ion:101 Resp: 42609
Ion Ratio Lower Upper
101 100
85 44.7 38.0 57.0
151 78.0 55.3 82.9



#12
1,1-Dichloroethene
Concen: 5.038 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 96 Resp: 40980
Ion Ratio Lower Upper
96 100
61 161.5 119.6 222.2
63 112.7 65.0 120.6





#13

Acetone

Concen: 40.736 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU062153.D

Acq: 09 Dec 2024 12:08

Instrument :

MSVOA_U

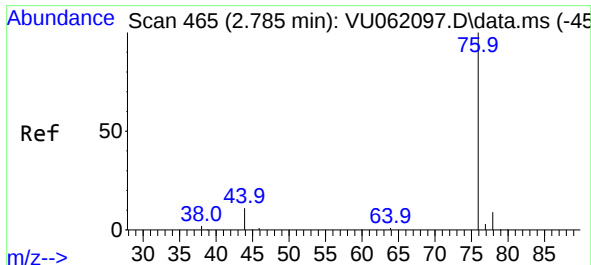
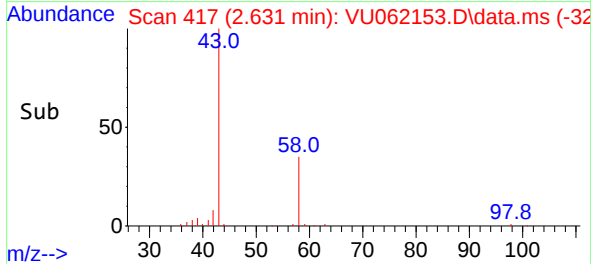
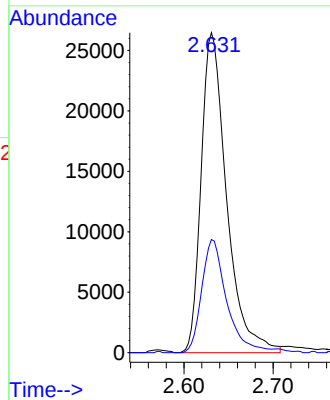
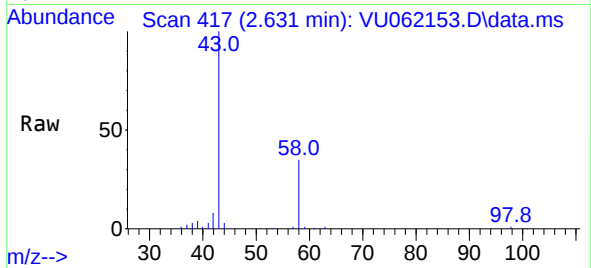
ClientSampleId :

Tgt Ion: 43 Resp: 52543

Ion Ratio Lower Upper

43 100

58 34.5 0.0 64.0



#14

Carbon disulfide

Concen: 5.043 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062153.D

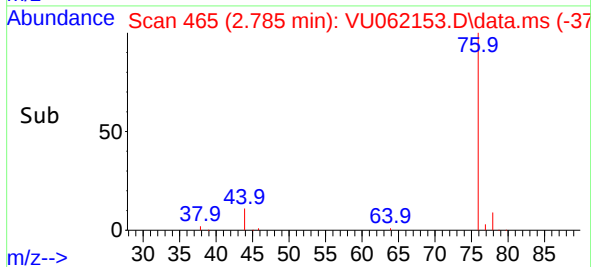
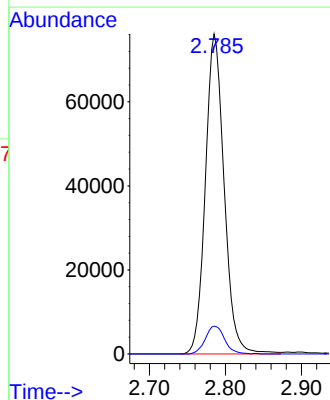
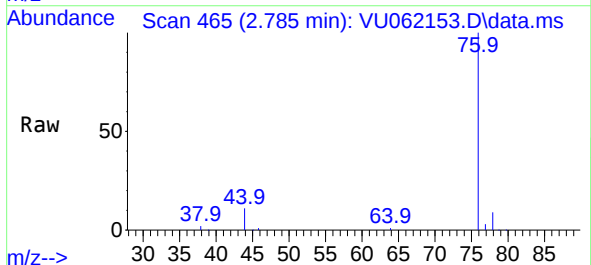
Acq: 09 Dec 2024 12:08

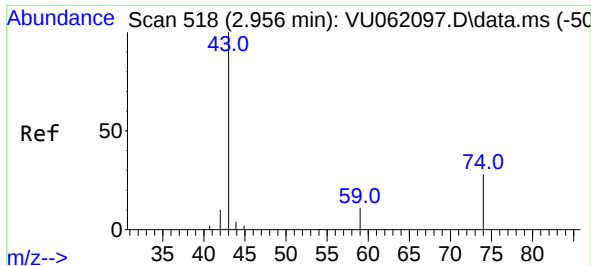
Tgt Ion: 76 Resp: 130470

Ion Ratio Lower Upper

76 100

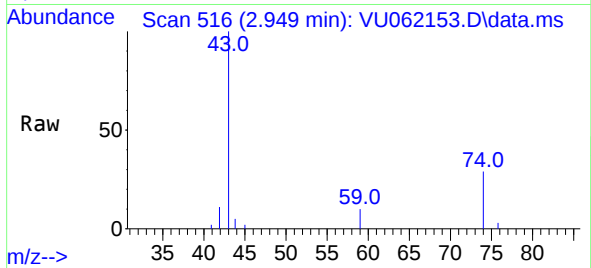
78 8.9 7.5 11.3



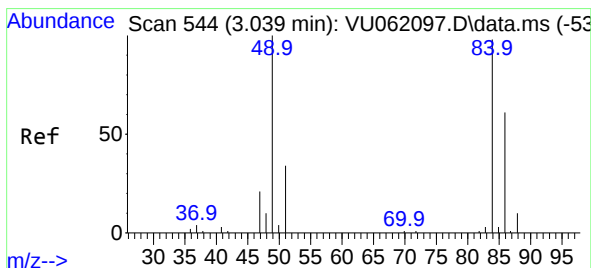
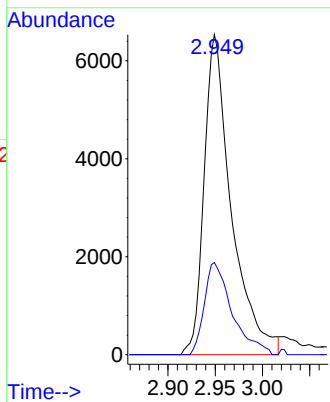
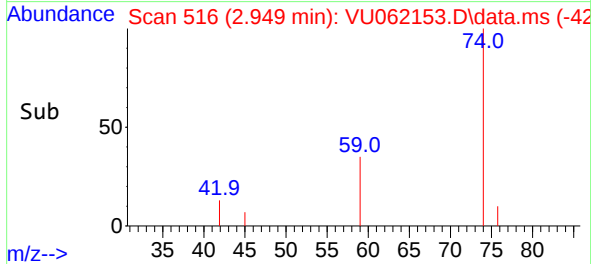


#15
Methyl Acetate
Concen: 3.960 ug/L
RT: 2.949 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

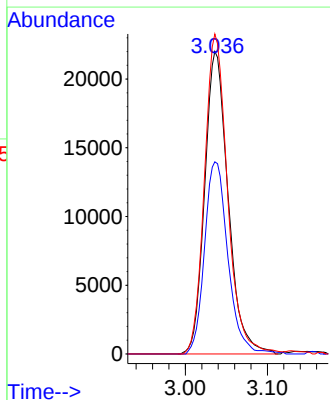
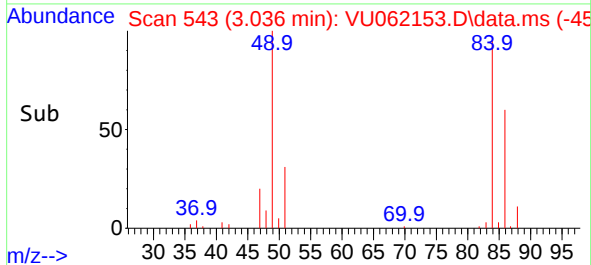
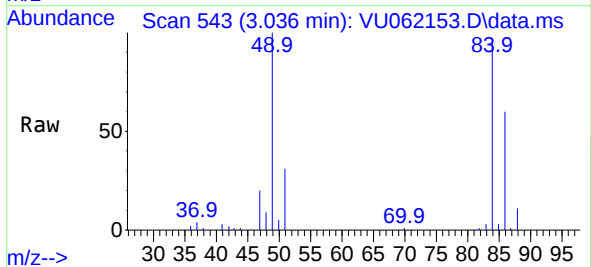


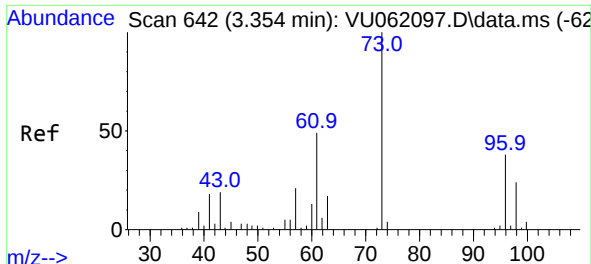
Tgt Ion: 43 Resp: 13115
Ion Ratio Lower Upper
43 100
74 29.3 19.4 29.2#



#16
Methylene chloride
Concen: 4.488 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

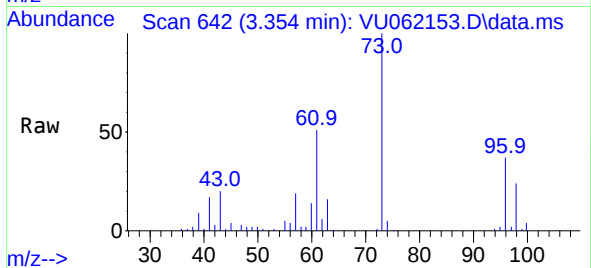
Tgt Ion: 84 Resp: 43834
Ion Ratio Lower Upper
84 100
86 63.5 43.5 80.7
49 105.7 81.9 152.1



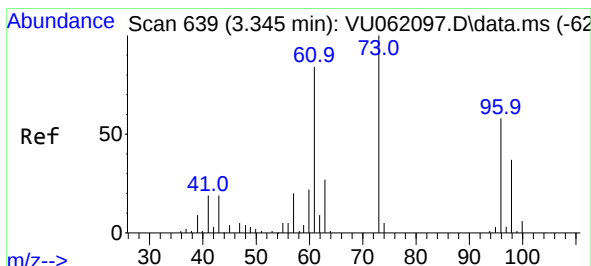
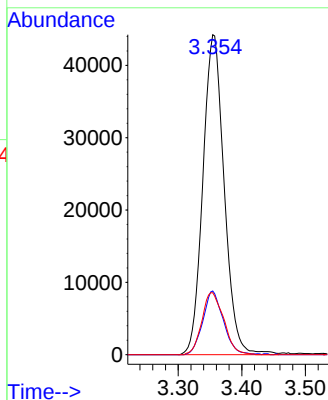
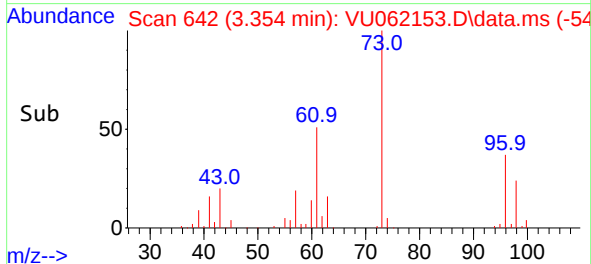


#17
Methyl tert-butyl Ether
Concen: 4.936 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

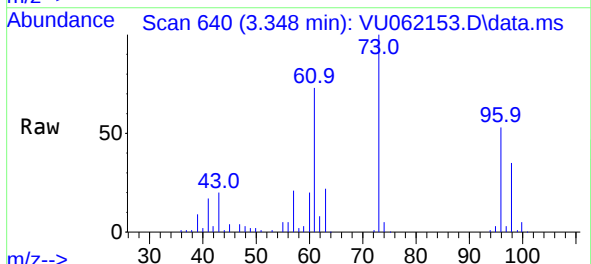
Instrument :
MSVOA_U
ClientSampleId :



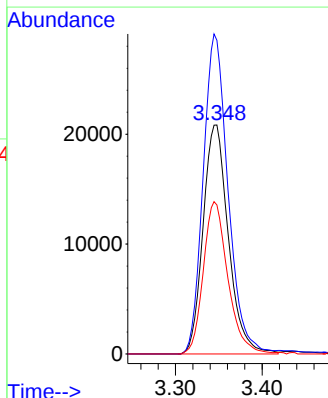
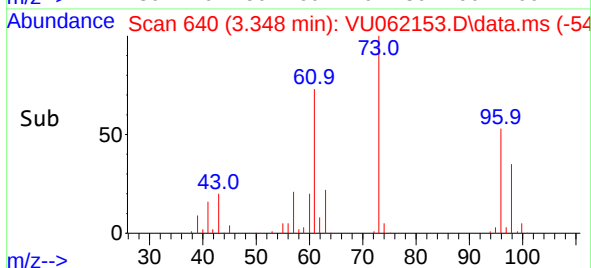
Tgt Ion: 73 Resp: 102901
Ion Ratio Lower Upper
73 100
43 19.2 16.3 24.5
57 19.9 17.1 25.7

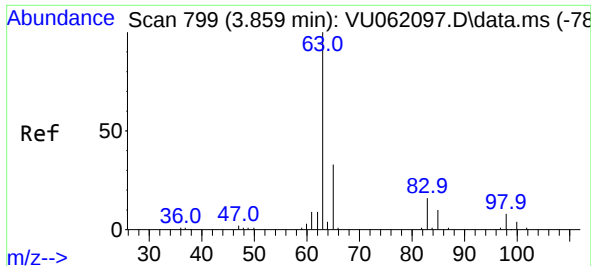


#18
trans-1,2-Dichloroethene
Concen: 4.925 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08



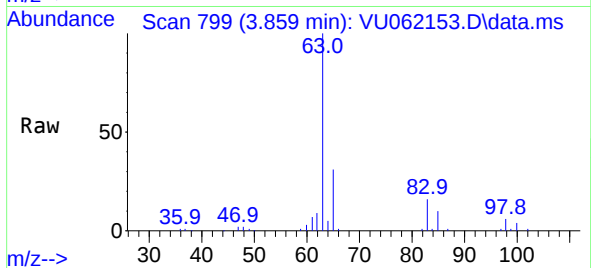
Tgt Ion: 96 Resp: 42343
Ion Ratio Lower Upper
96 100
61 137.0 104.2 193.4
98 65.1 45.7 84.9



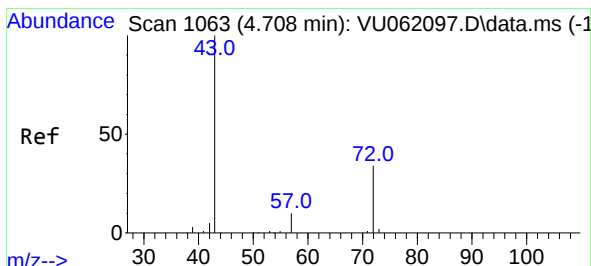
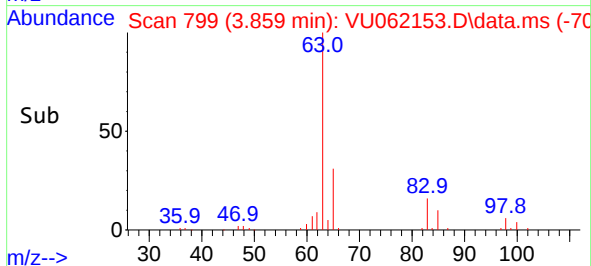
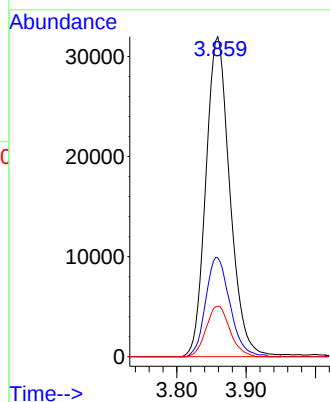


#19
1,1-Dichloroethane
Concen: 4.595 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

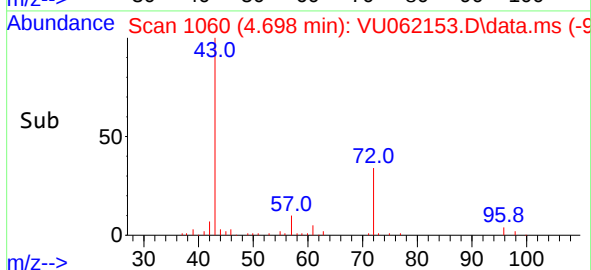
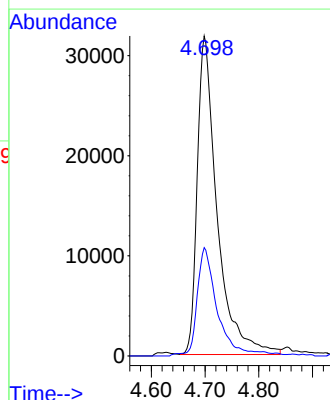
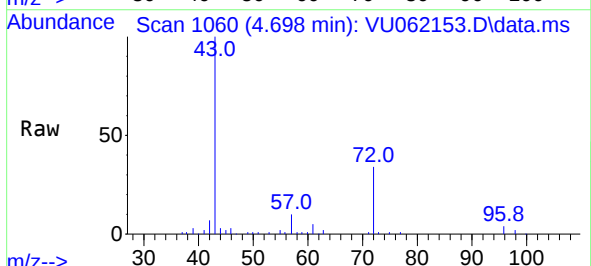


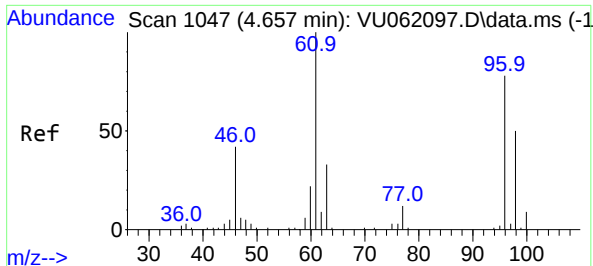
Tgt Ion: 63 Resp: 76968
Ion Ratio Lower Upper
63 100
65 30.9 22.7 42.3
83 15.8 9.9 18.3



#21
2-Butanone
Concen: 39.136 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.010 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

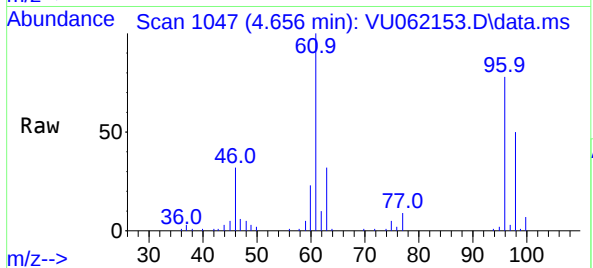
Tgt Ion: 43 Resp: 81584
Ion Ratio Lower Upper
43 100
72 34.5 14.8 44.4



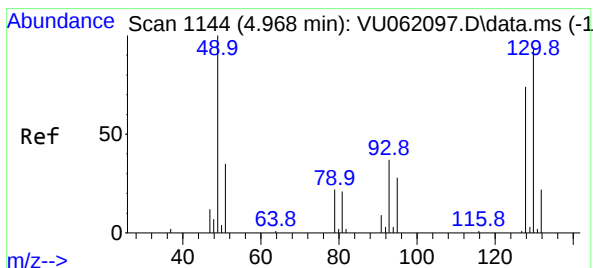
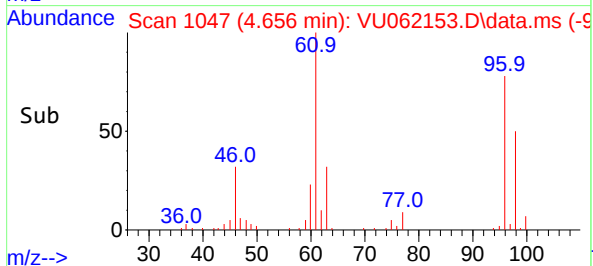
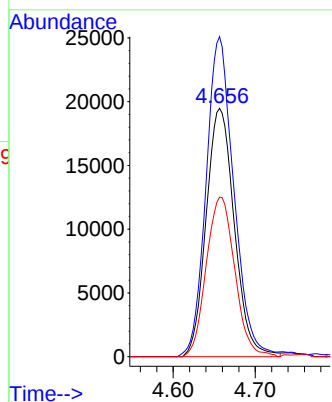


#22
cis-1,2-Dichloroethene
Concen: 4.808 ug/L
RT: 4.656 min Scan# 110
Delta R.T. -0.001 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

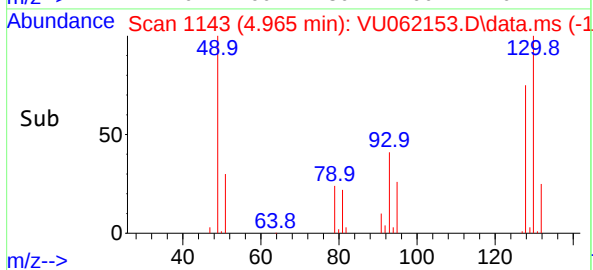
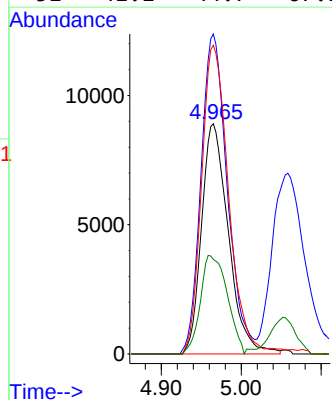
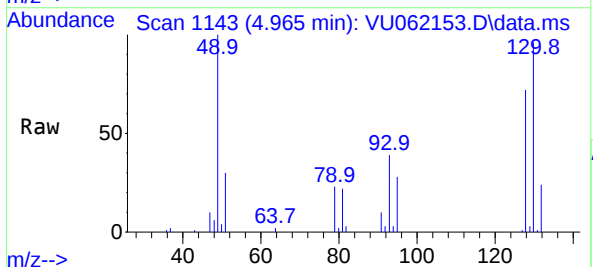


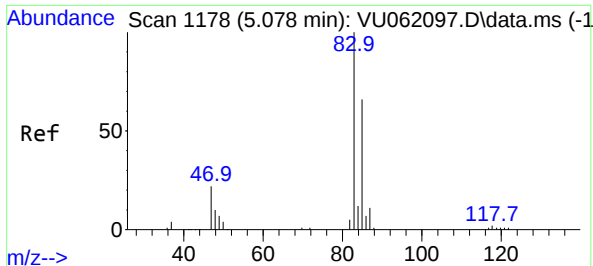
Tgt Ion: 96 Resp: 46525
Ion Ratio Lower Upper
96 100
61 128.8 92.0 170.8
98 64.2 44.5 82.7



#23
Bromochloromethane
Concen: 4.936 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 128 Resp: 20764
Ion Ratio Lower Upper
128 100
49 138.9 115.3 214.1
130 134.0 92.0 170.8
51 41.1 44.7 67.1#





#25

Chloroform

Concen: 5.023 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062153.D

Acq: 09 Dec 2024 12:08

Instrument :

MSVOA_U

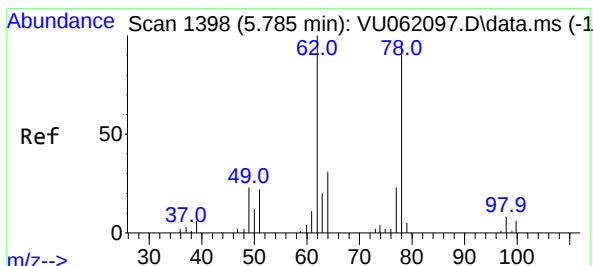
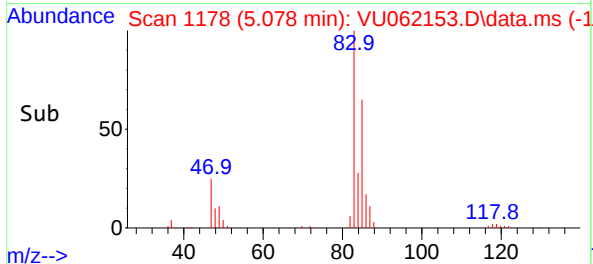
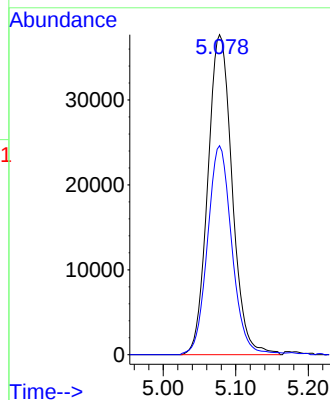
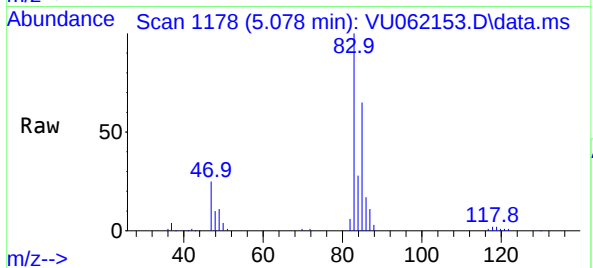
ClientSampleId :

Tgt Ion: 83 Resp: 87941

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.854 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062153.D

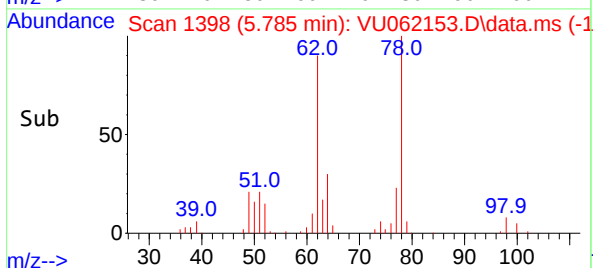
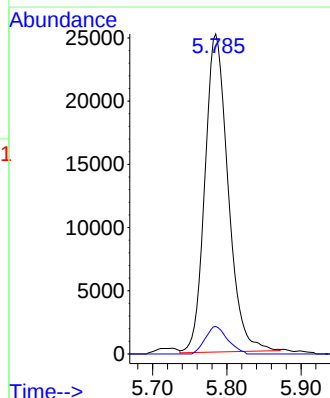
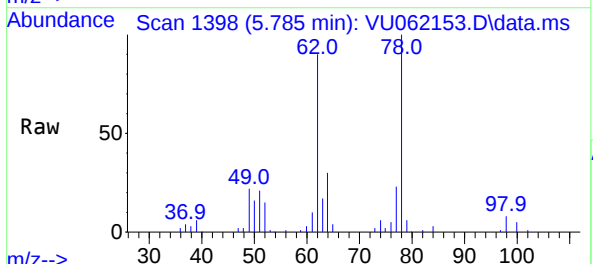
Acq: 09 Dec 2024 12:08

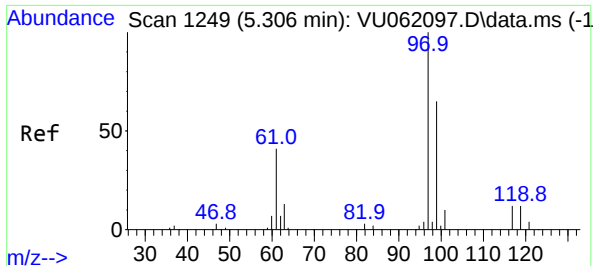
Tgt Ion: 62 Resp: 54663

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0

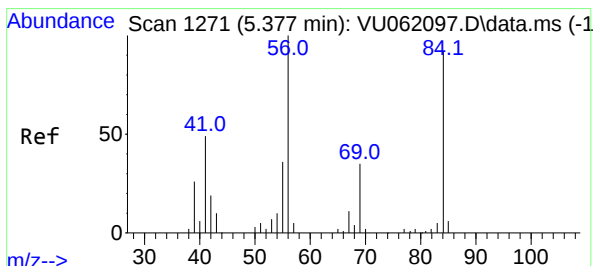
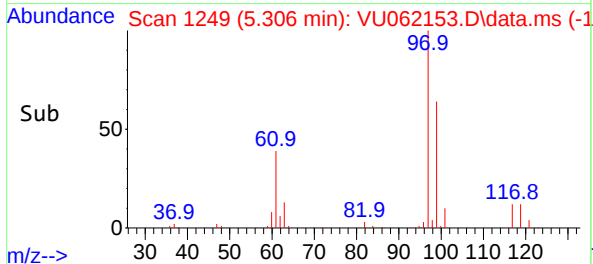
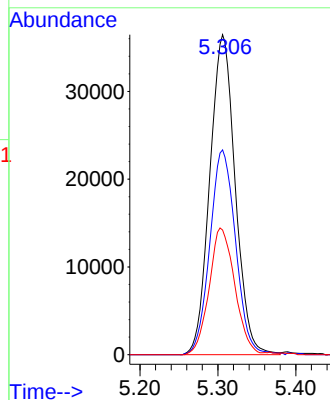
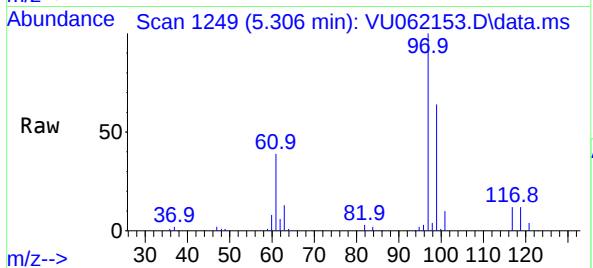




#29
1,1,1-Trichloroethane
Concen: 6.301 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

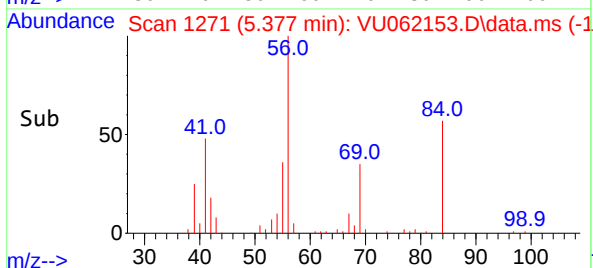
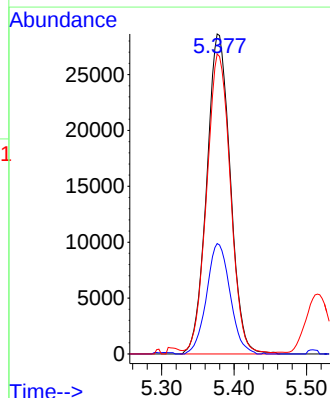
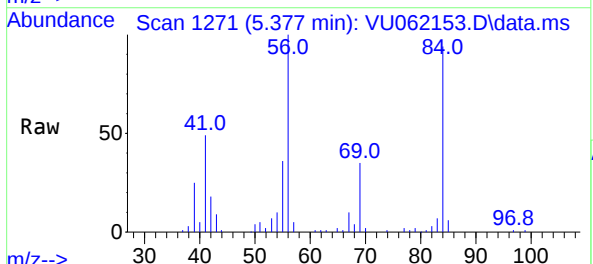
Instrument :
MSVOA_U
ClientSampleId :

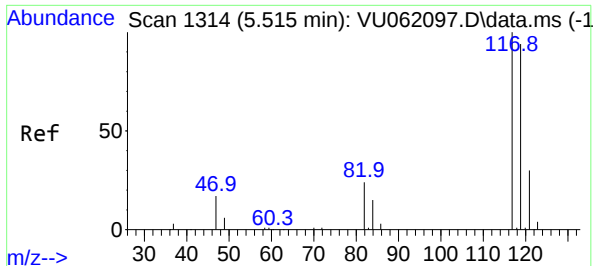
Tgt Ion: 97 Resp: 82525
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.2
61 40.0 37.8 56.6



#30
Cyclohexane
Concen: 4.720 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 56 Resp: 64656
Ion Ratio Lower Upper
56 100
69 34.4 25.1 37.7
84 93.3 70.6 105.8

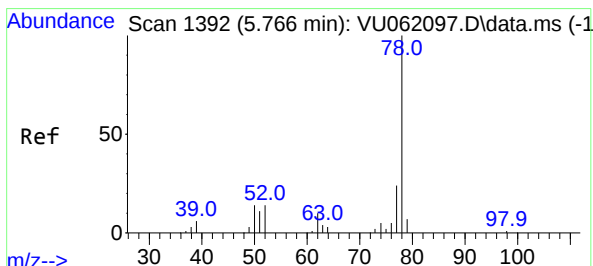
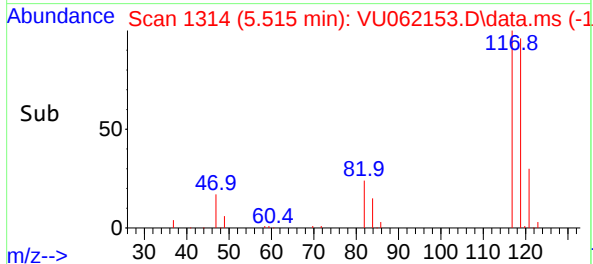
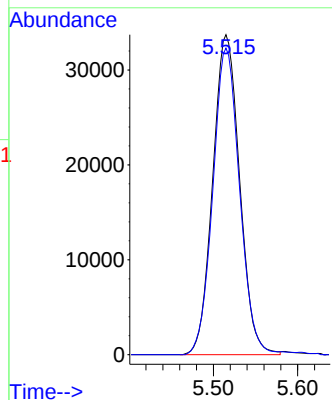
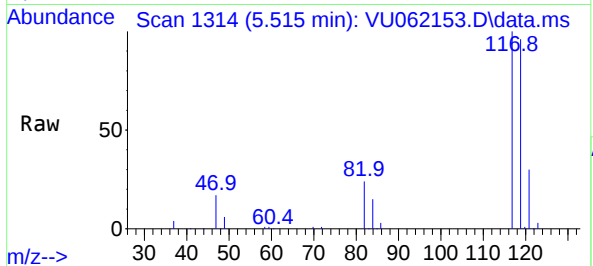




#31
Carbon tetrachloride
Concen: 6.708 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

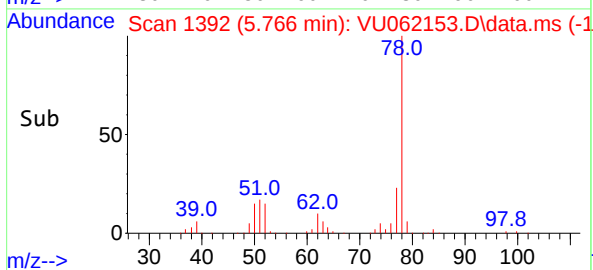
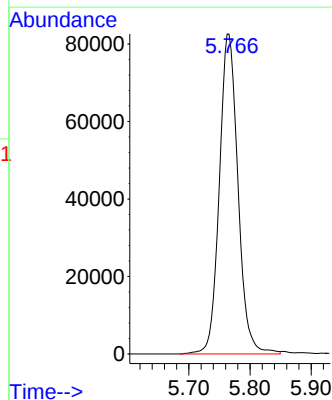
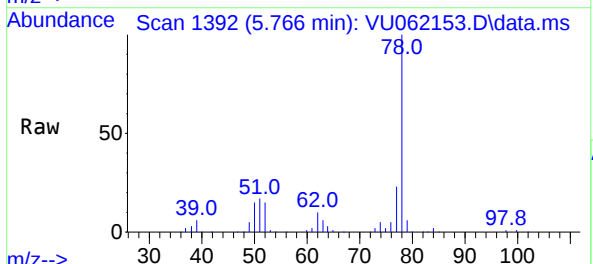
Instrument :
MSVOA_U
ClientSampleId :

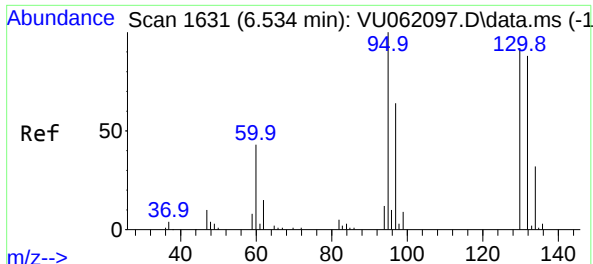
Tgt Ion:117 Resp: 74595
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3



#33
Benzene
Concen: 5.100 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 78 Resp: 174994



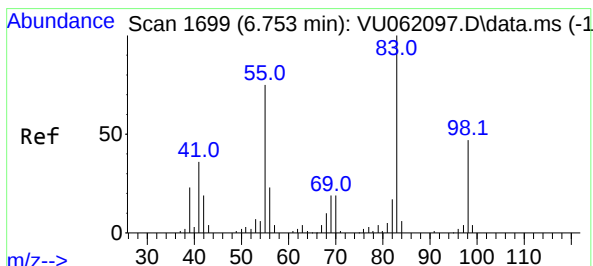
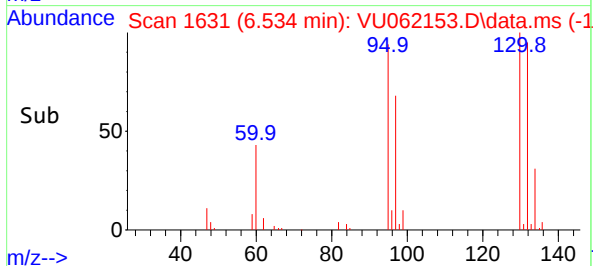
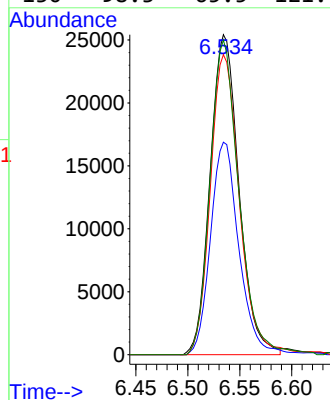
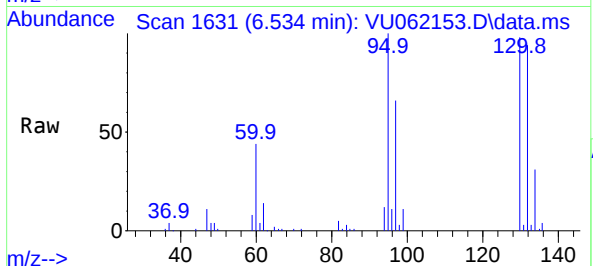


#34
Trichloroethene
Concen: 5.360 ug/L
RT: 6.534 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 49088

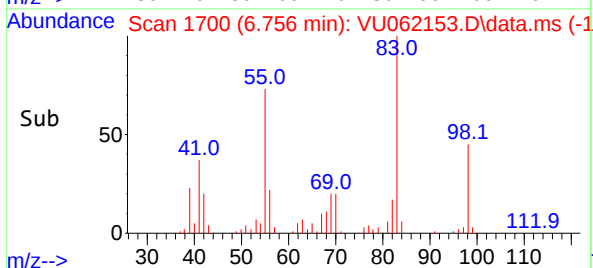
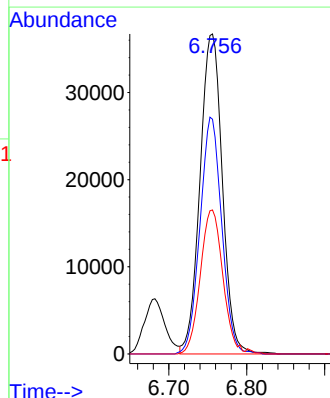
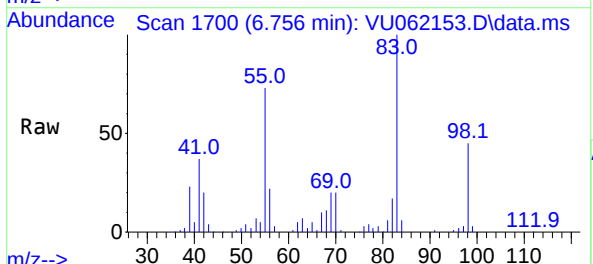
Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.9	85.3
132	93.8	63.8	118.4
130	98.3	65.5	121.7

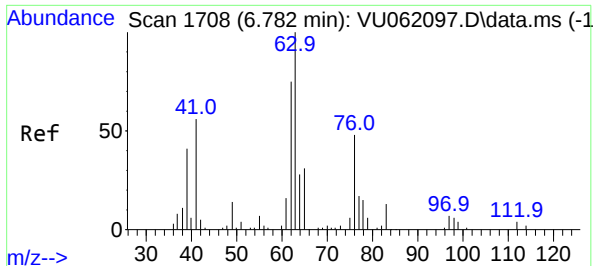


#35
Methylcyclohexane
Concen: 5.221 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 83 Resp: 73141

Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.7	91.1
98	45.2	34.8	52.2

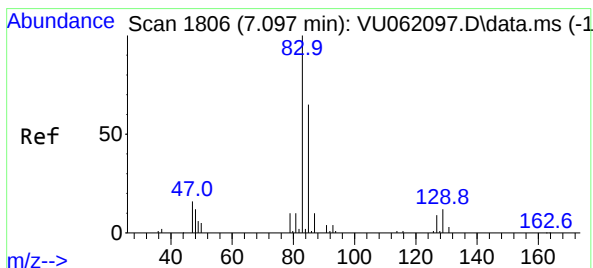
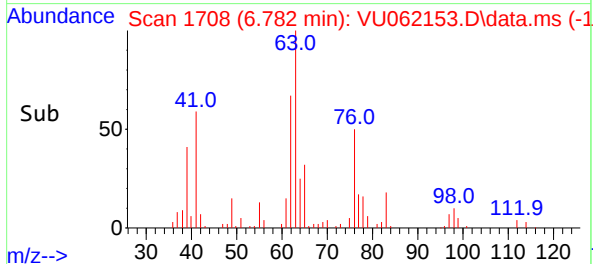
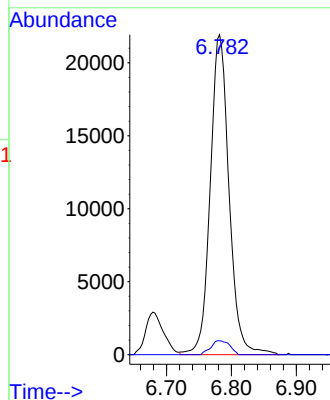
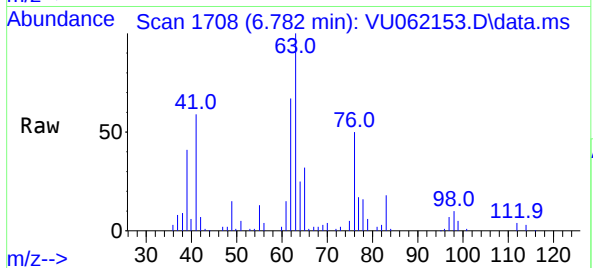




#37
1,2-Dichloropropane
Concen: 4.950 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

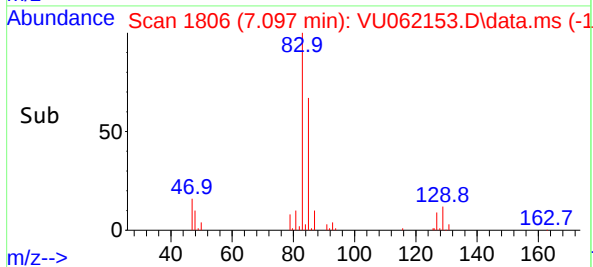
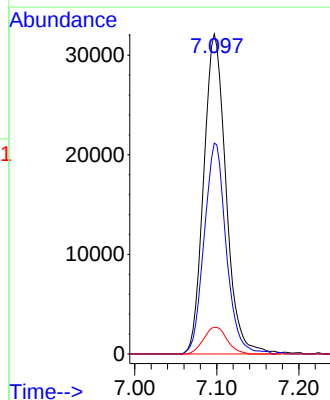
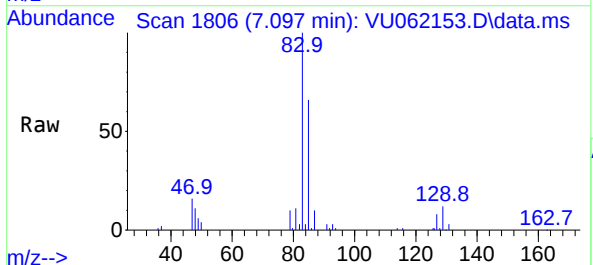
Instrument :
MSVOA_U
ClientSampleId :

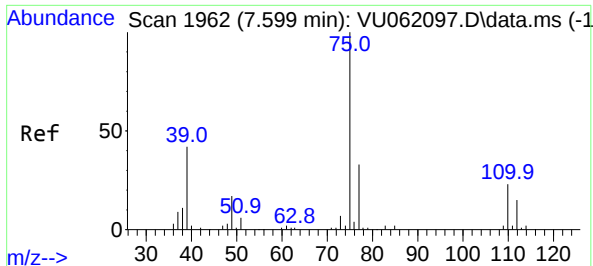
Tgt Ion: 63 Resp: 44127
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.0



#38
Bromodichloromethane
Concen: 5.608 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 83 Resp: 60631
Ion Ratio Lower Upper
83 100
85 65.9 44.1 81.9
127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.526 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062153.D

Acq: 09 Dec 2024 12:08

Instrument :

MSVOA_U

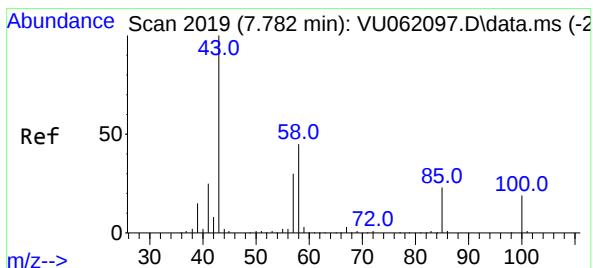
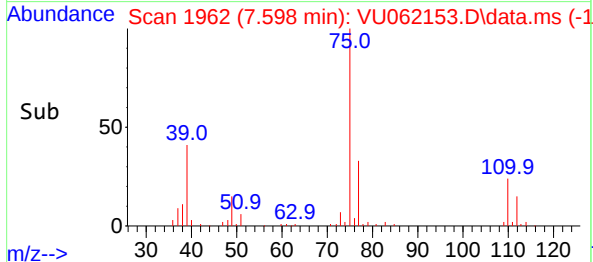
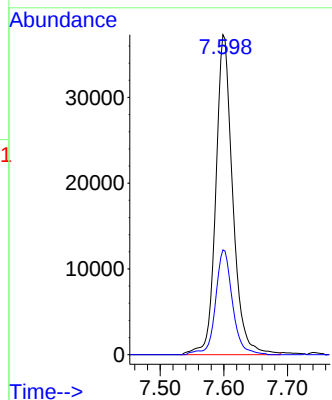
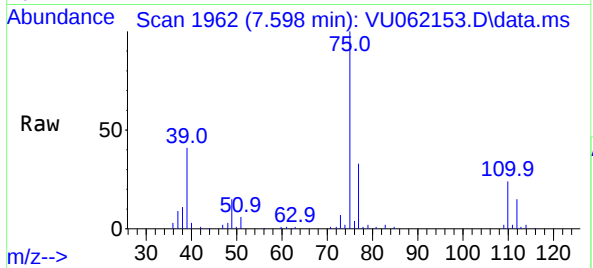
ClientSampleId :

Tgt Ion: 75 Resp: 69079

Ion Ratio Lower Upper

75 100

77 32.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 42.346 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062153.D

Acq: 09 Dec 2024 12:08

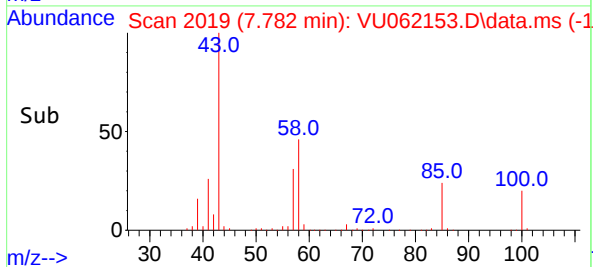
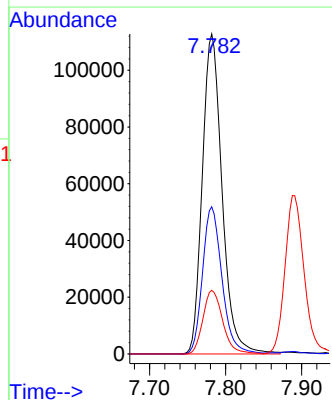
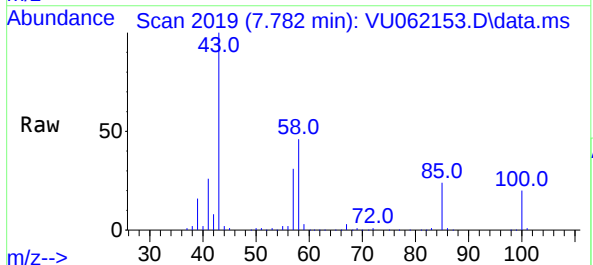
Tgt Ion: 43 Resp: 203685

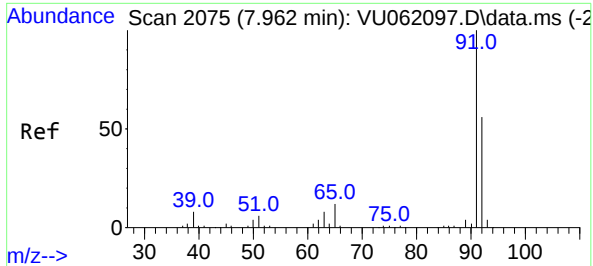
Ion Ratio Lower Upper

43 100

58 45.3 33.3 49.9

100 19.9 12.4 18.6#

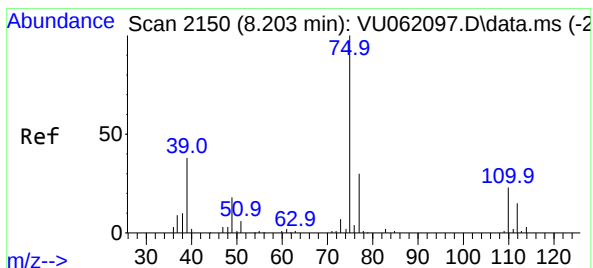
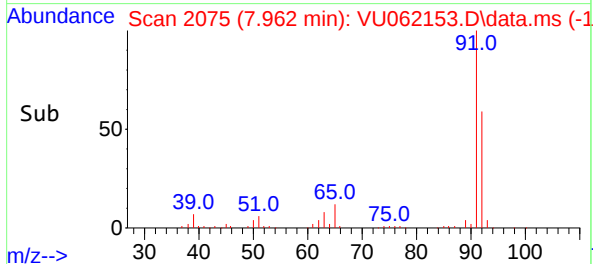
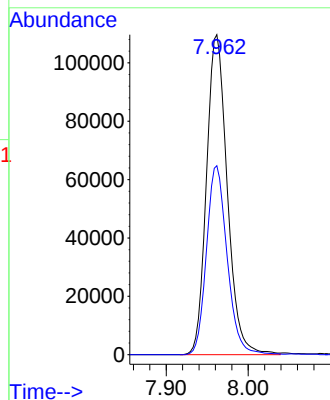
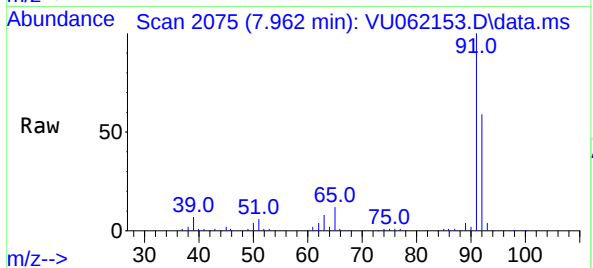




#42
Toluene
Concen: 5.361 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

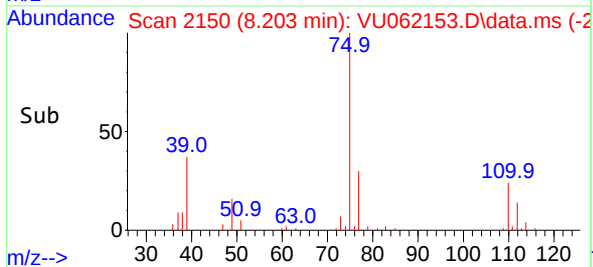
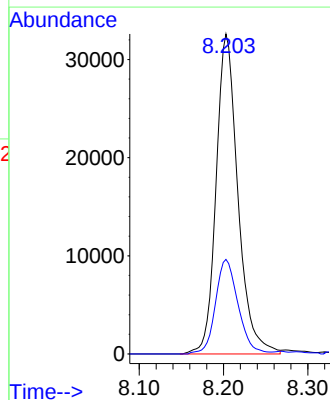
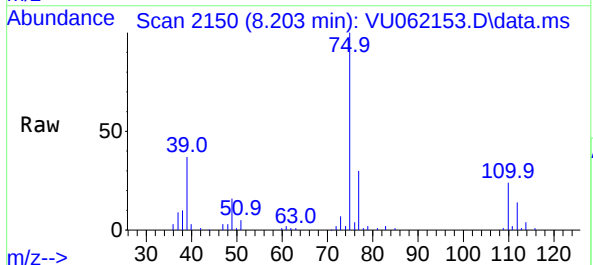
Instrument :
MSVOA_U
ClientSampleId :

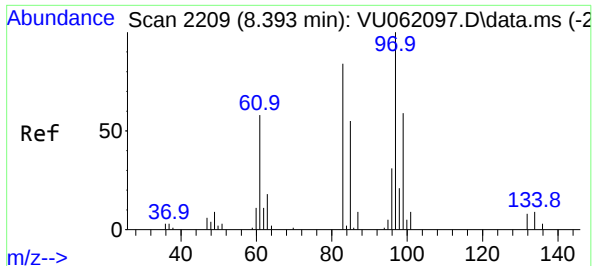
Tgt Ion: 91 Resp: 193058
Ion Ratio Lower Upper
91 100
92 59.1 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 5.897 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 75 Resp: 58539
Ion Ratio Lower Upper
75 100
77 29.6 21.8 40.4



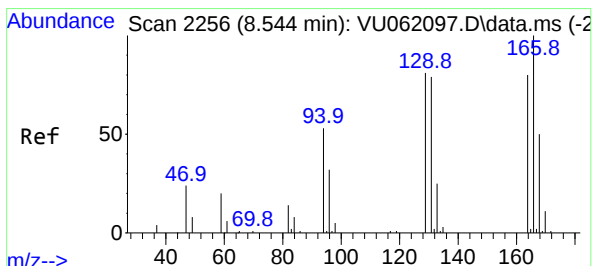
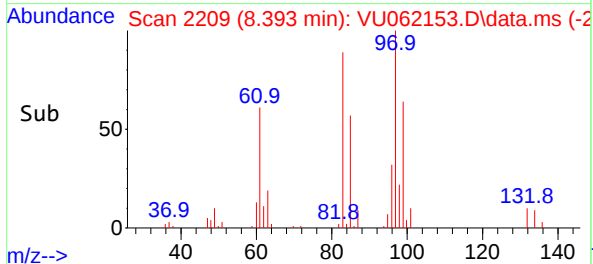
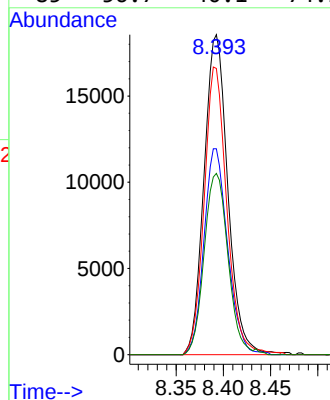
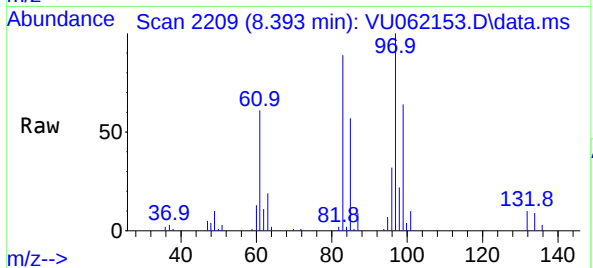


#45
1,1,2-Trichloroethane
Concen: 4.960 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 32576

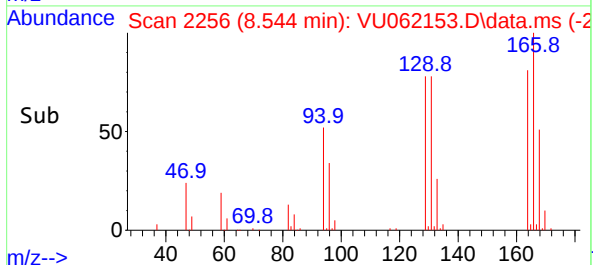
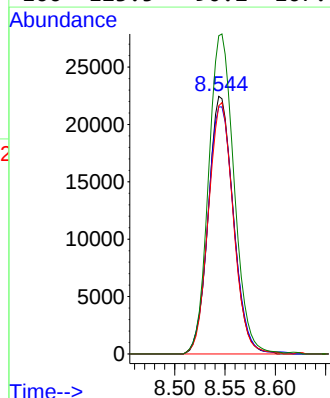
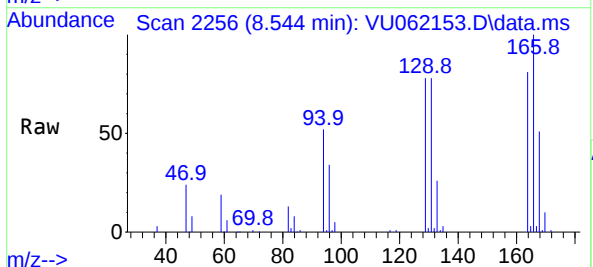
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.0	79.8
83	89.4	61.7	114.5
85	56.7	40.1	74.5

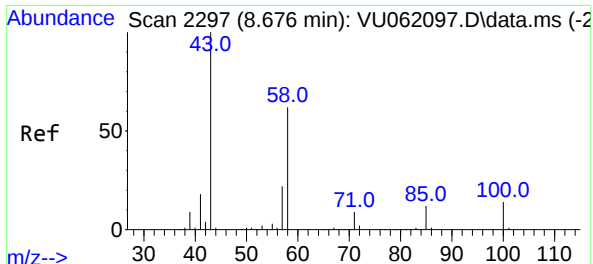


#47
Tetrachloroethene
Concen: 5.810 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 164 Resp: 38696

Ion	Ratio	Lower	Upper
164	100		
129	95.9	73.2	136.0
131	96.3	72.3	134.3
166	123.5	90.2	167.4

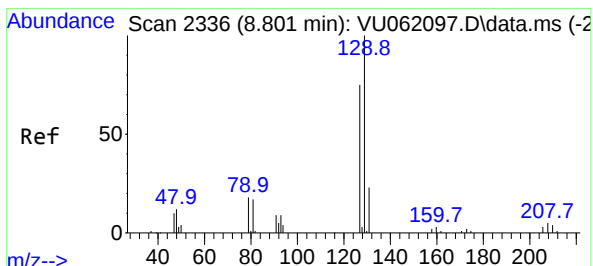
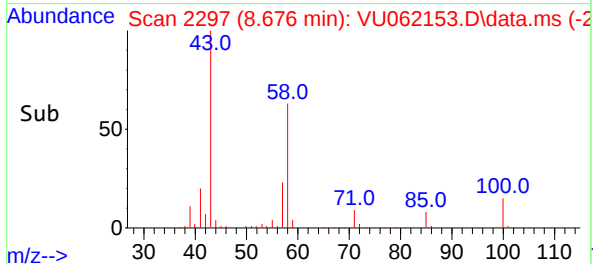
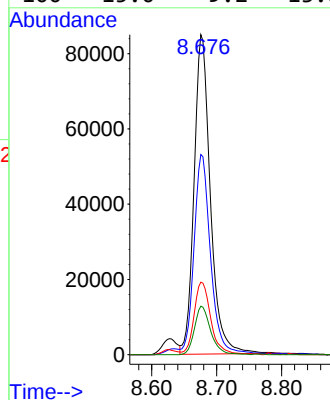
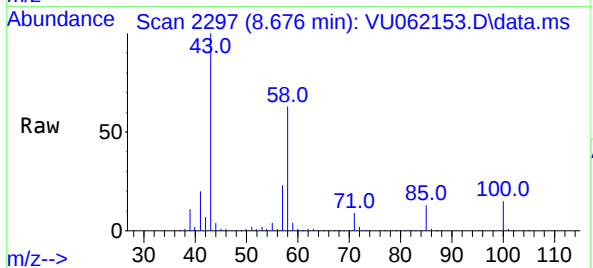




#48
2-Hexanone
Concen: 41.306 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

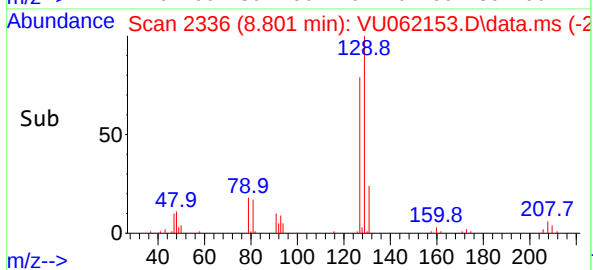
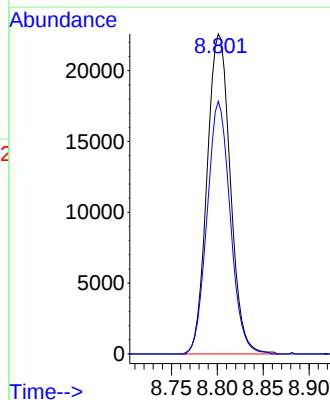
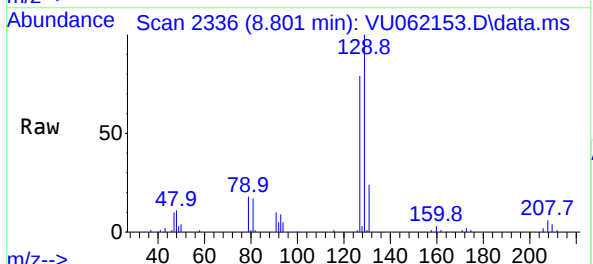
Instrument :
MSVOA_U
ClientSampleId :

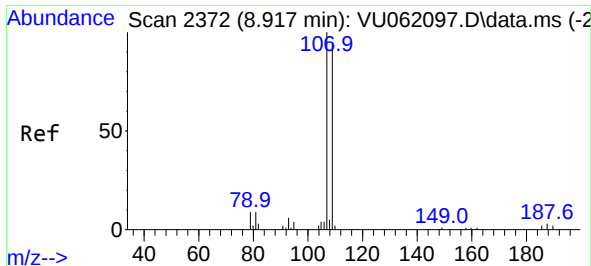
Tgt Ion: 43 Resp: 148796
Ion Ratio Lower Upper
43 100
58 63.0 47.5 71.3
57 22.9 15.6 23.4
100 15.0 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.742 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

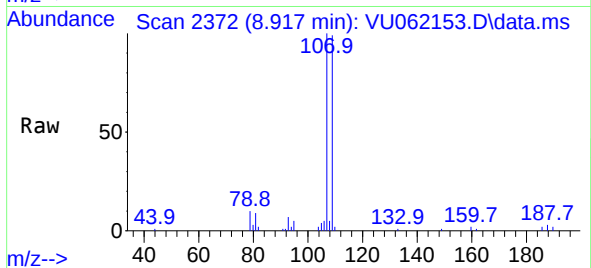
Tgt Ion:129 Resp: 39838
Ion Ratio Lower Upper
129 100
127 78.9 51.1 94.9



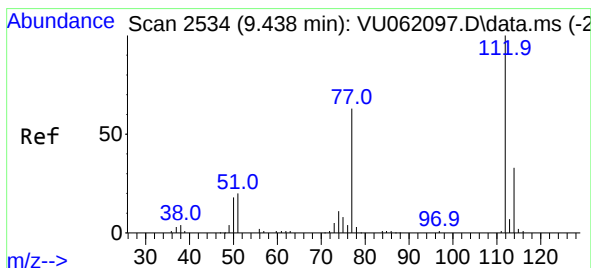
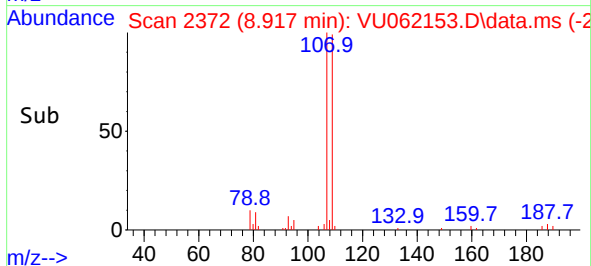
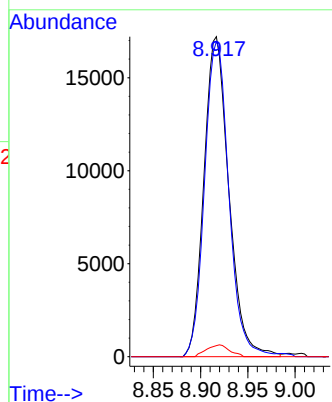


#50
1,2-Dibromoethane
Concen: 4.845 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

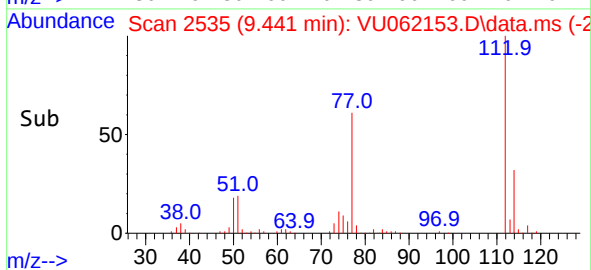
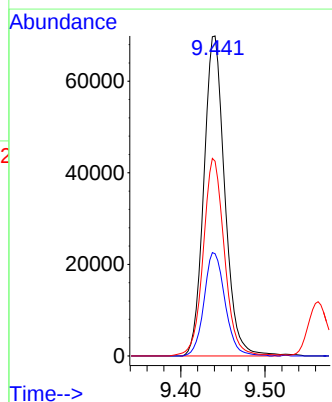
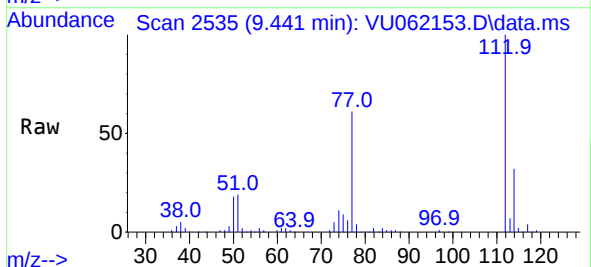


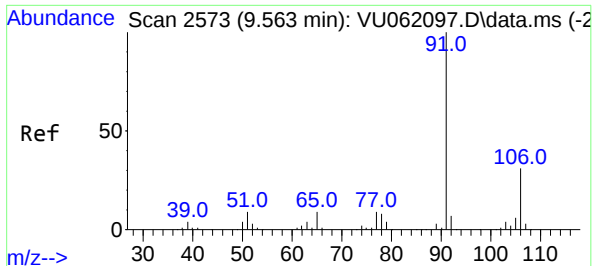
Tgt Ion:107 Resp: 31578
Ion Ratio Lower Upper
107 100
109 98.5 66.8 124.2
188 3.5 2.3 3.5



#51
Chlorobenzene
Concen: 4.906 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion:112 Resp: 120983
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.6
77 60.8 50.5 75.7

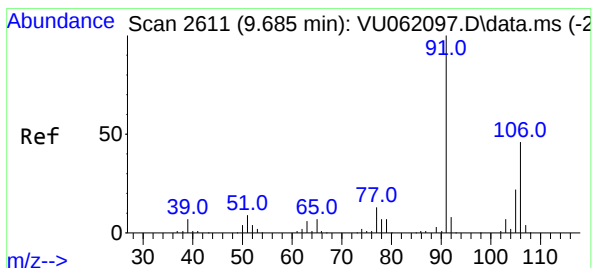
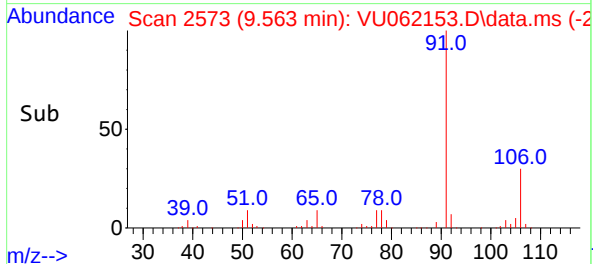
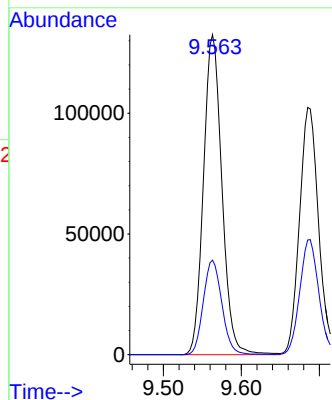
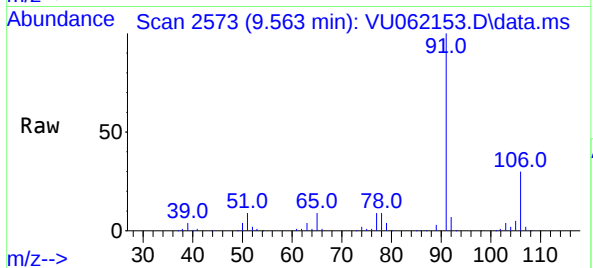




#52
Ethylbenzene
Concen: 5.057 ug/L
RT: 9.563 min Scan# 217899
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

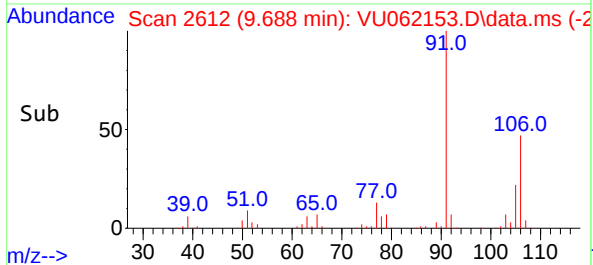
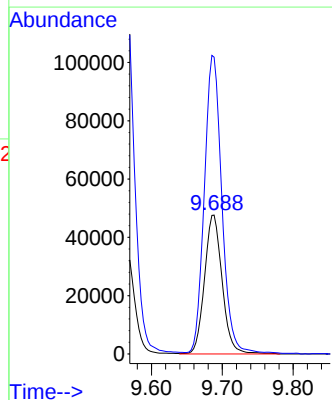
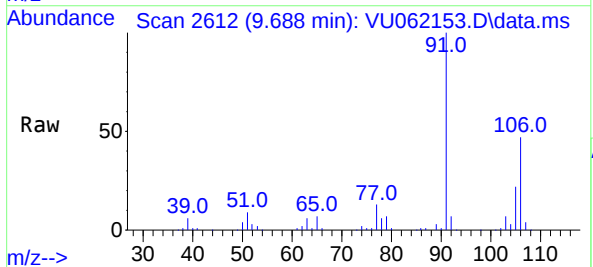
Instrument :
MSVOA_U
ClientSampleId :

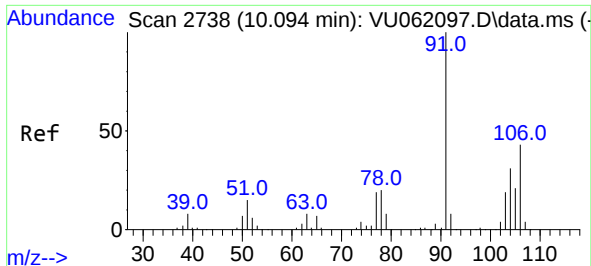
Tgt Ion: 91 Resp: 217899
Ion Ratio Lower Upper
91 100
106 29.5 21.6 40.0



#53
m,p-Xylene
Concen: 5.418 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion:106 Resp: 82388
Ion Ratio Lower Upper
106 100
91 213.8 147.6 274.0

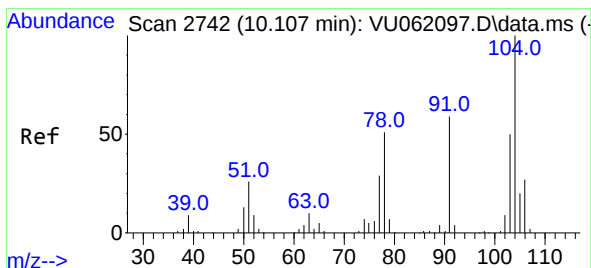
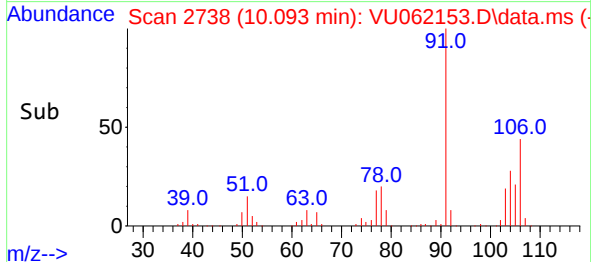
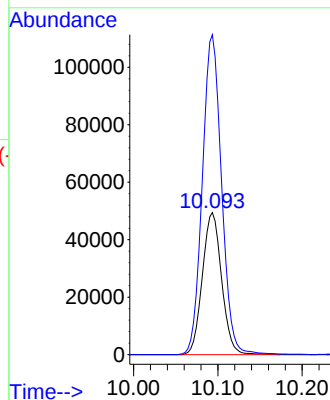
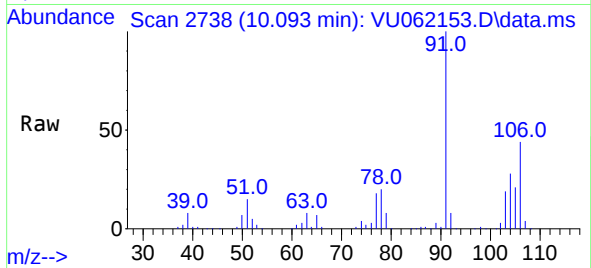




#54
o-Xylene
Concen: 5.128 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

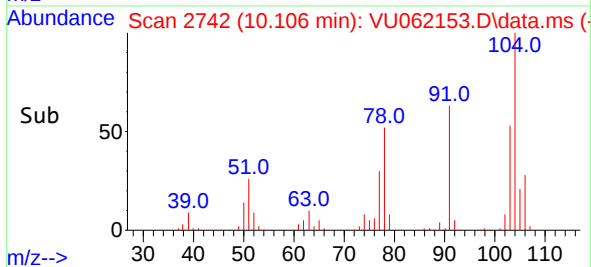
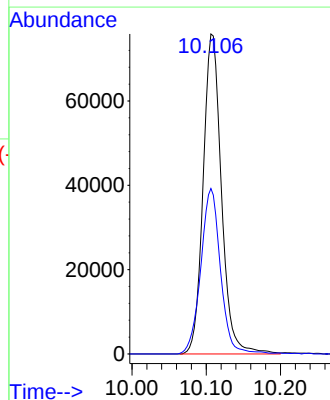
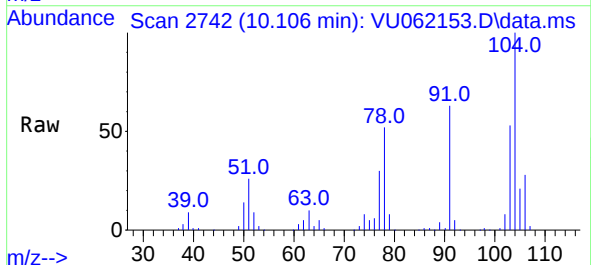
Instrument :
MSVOA_U
ClientSampleId :

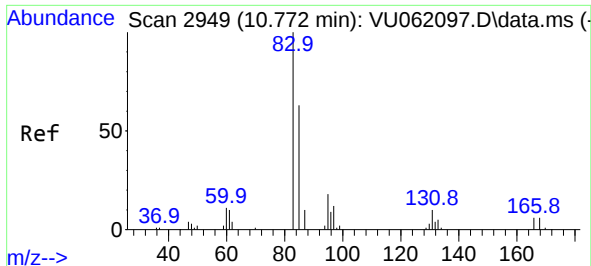
Tgt Ion:106 Resp: 78702
Ion Ratio Lower Upper
106 100
91 225.3 159.8 296.8



#55
Styrene
Concen: 5.142 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion:104 Resp: 130011
Ion Ratio Lower Upper
104 100
78 51.7 33.2 61.7

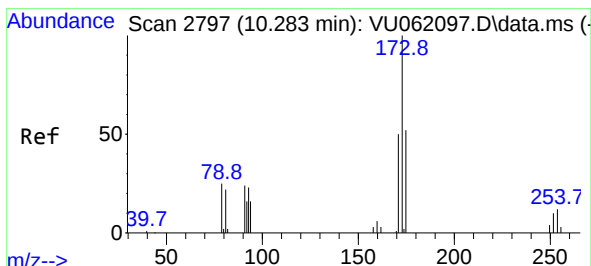
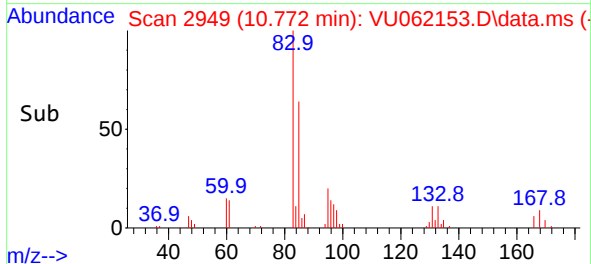
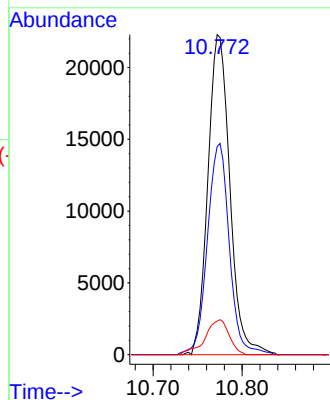
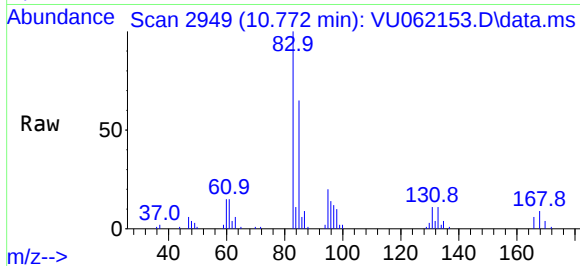




#57
1,1,2,2-Tetrachloroethane
Concen: 4.535 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

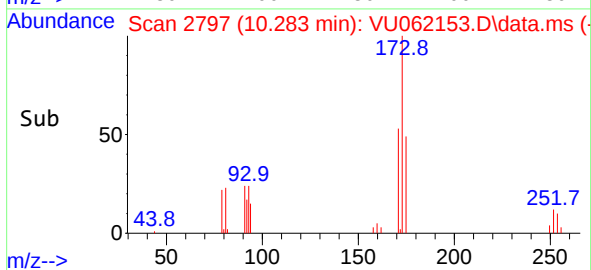
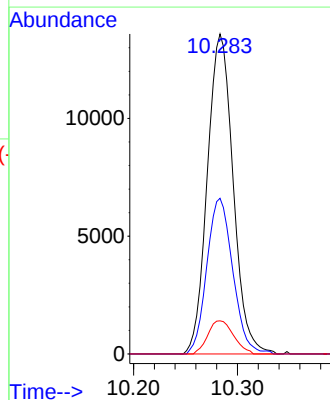
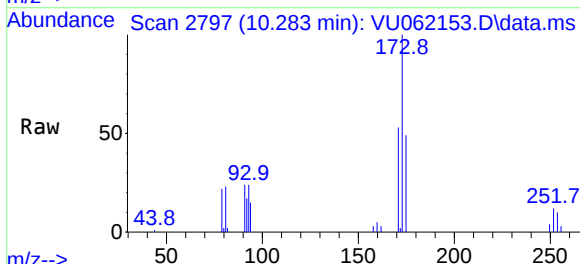
Instrument :
MSVOA_U
ClientSampleId :

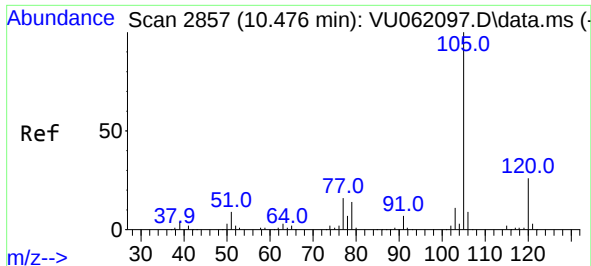
Tgt Ion: 83 Resp: 38164
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.4
131 10.5 7.3 10.9



#59
Bromoform
Concen: 5.435 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion:173 Resp: 23435
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.4
254 10.3 7.4 11.0



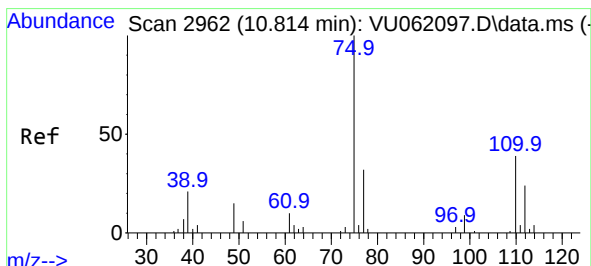
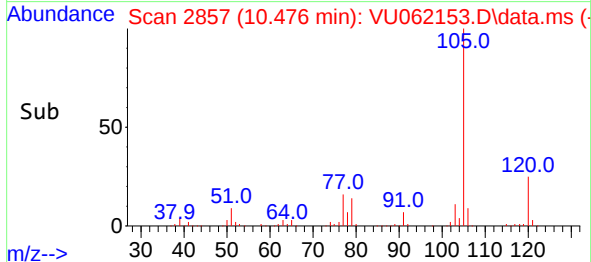
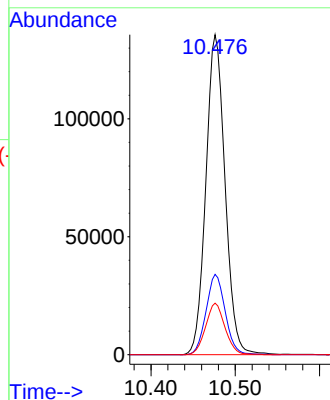
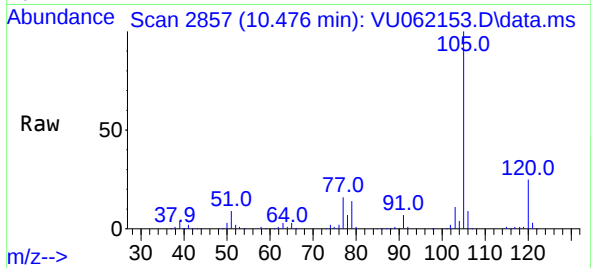


#60
Isopropylbenzene
Concen: 4.755 ug/L
RT: 10.476 min Scan# 215042
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 215042

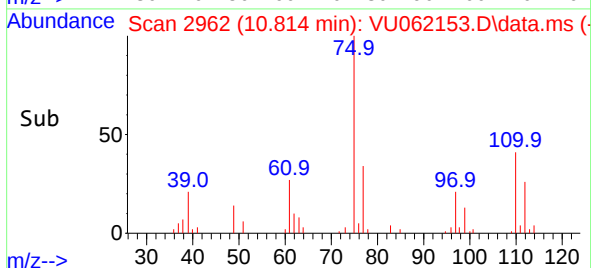
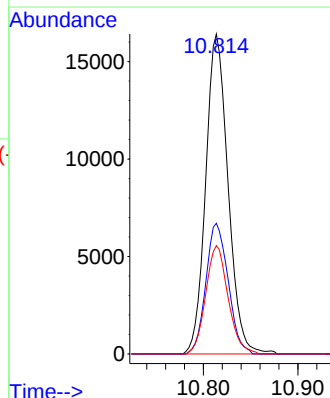
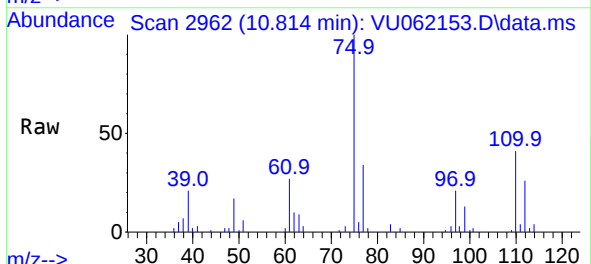
Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.6	31.0
77	16.3	13.0	19.6

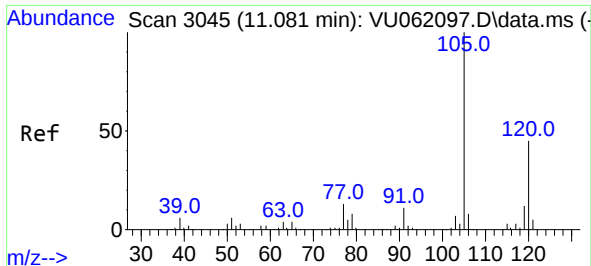


#61
1,2,3-Trichloropropane
Concen: 4.022 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion: 75 Resp: 26970

Ion	Ratio	Lower	Upper
75	100		
110	40.7	28.9	43.3
77	33.8	26.5	39.7

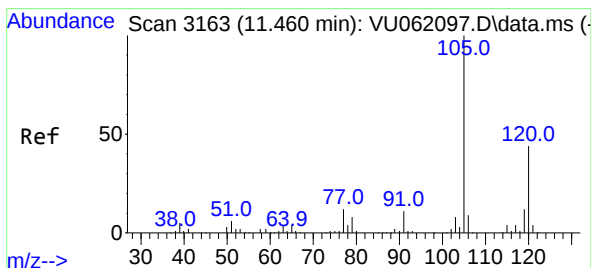
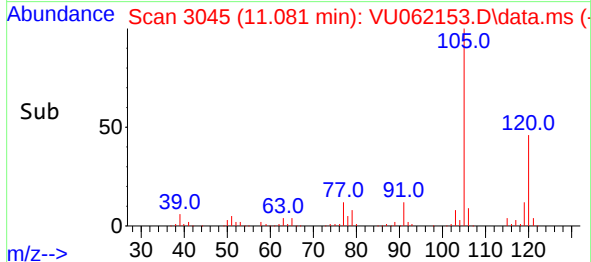
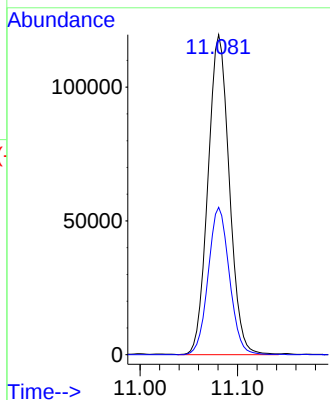
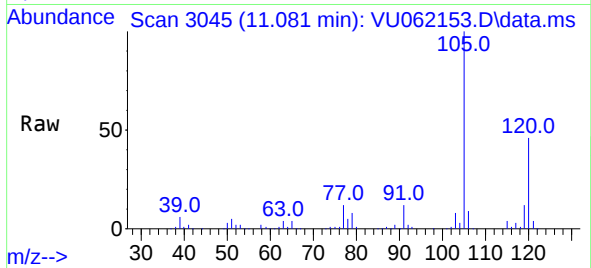




#62
1,3,5-Trimethylbenzene
Concen: 5.047 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

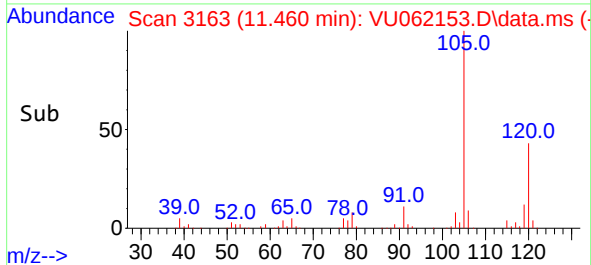
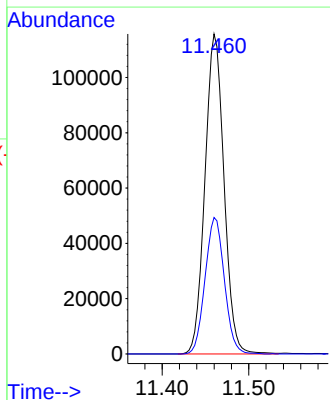
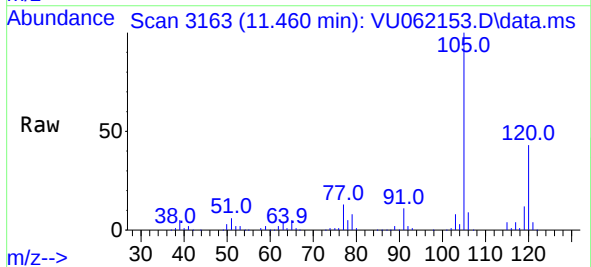
Instrument :
MSVOA_U
ClientSampleId :

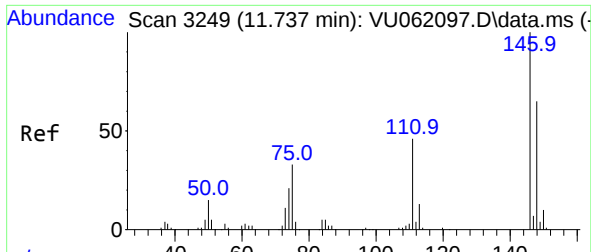
Tgt Ion:105 Resp: 182090
Ion Ratio Lower Upper
105 100
120 45.7 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.922 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

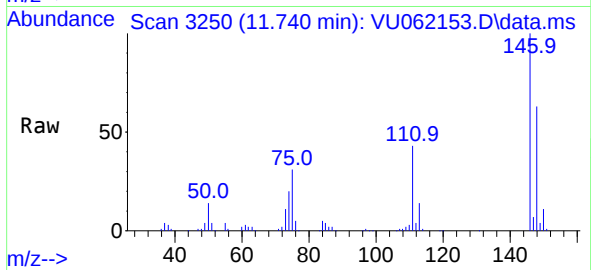
Tgt Ion:105 Resp: 177071
Ion Ratio Lower Upper
105 100
120 43.1 34.7 52.1



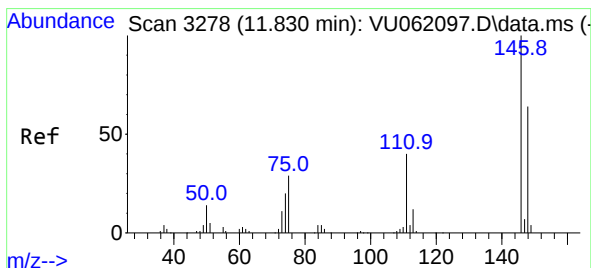
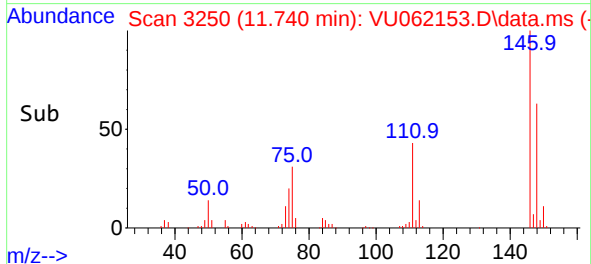
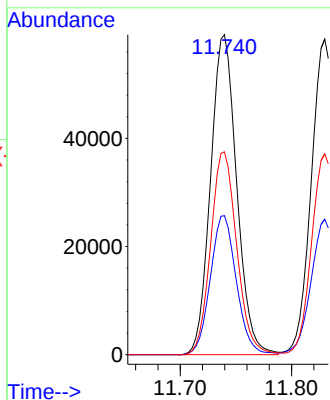


#64
1,3-Dichlorobenzene
Concen: 4.804 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

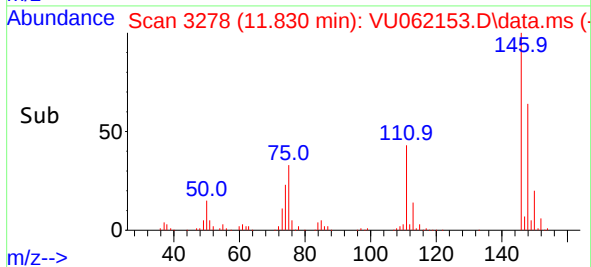
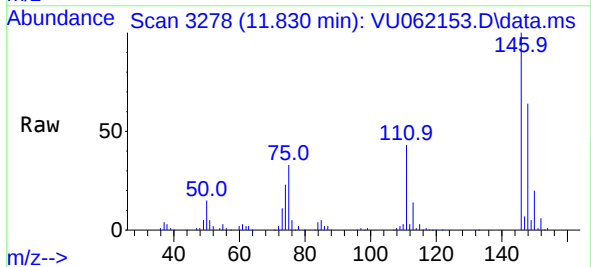
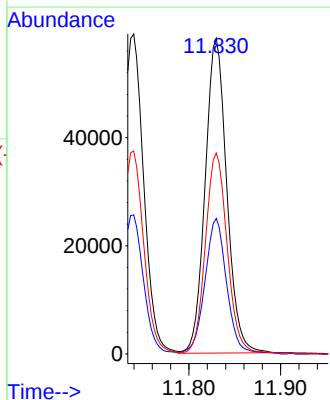


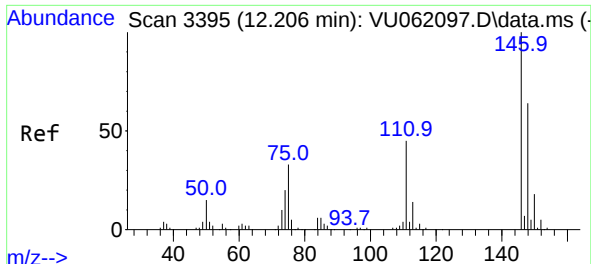
Tgt Ion:146 Resp: 96458
Ion Ratio Lower Upper
146 100
111 43.5 30.7 57.1
148 63.4 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.914 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion:146 Resp: 95487
Ion Ratio Lower Upper
146 100
111 42.9 29.3 54.3
148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.120 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU062153.D

Acq: 09 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :

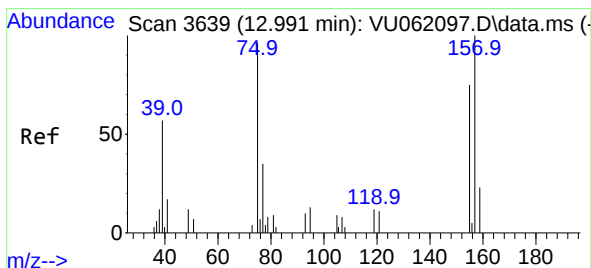
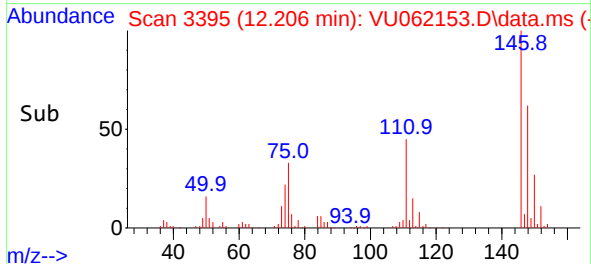
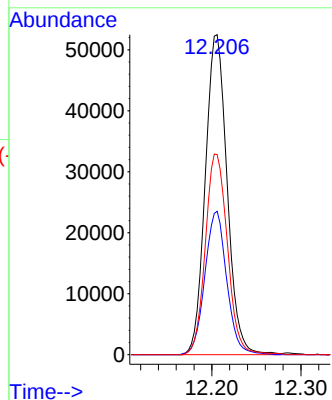
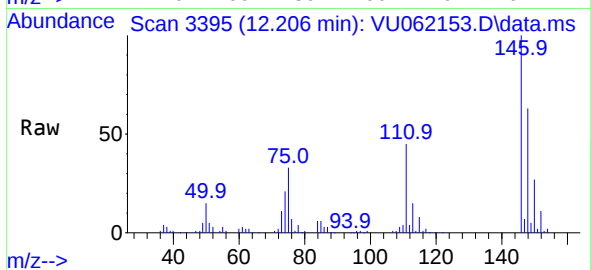
Tgt Ion:146 Resp: 89399

Ion Ratio Lower Upper

146 100

111 44.8 36.0 54.0

148 62.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.380 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU062153.D

Acq: 09 Dec 2024 12:08

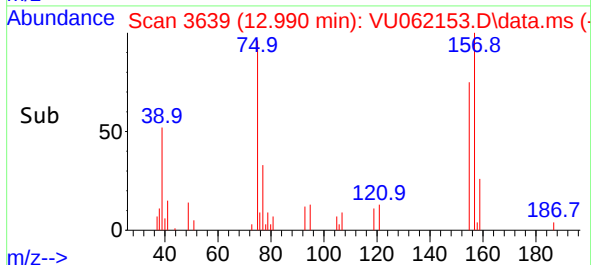
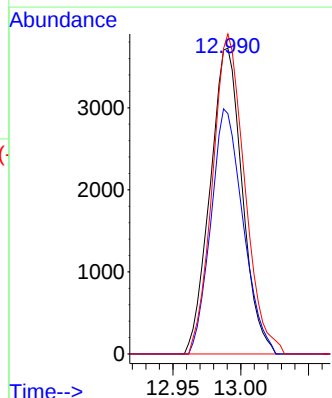
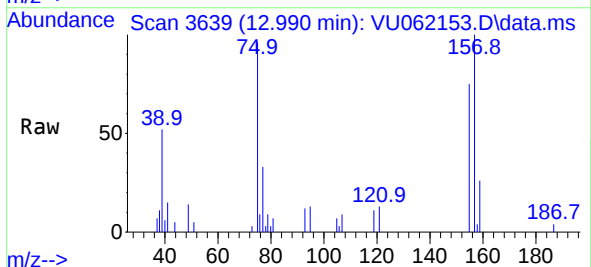
Tgt Ion: 75 Resp: 6157

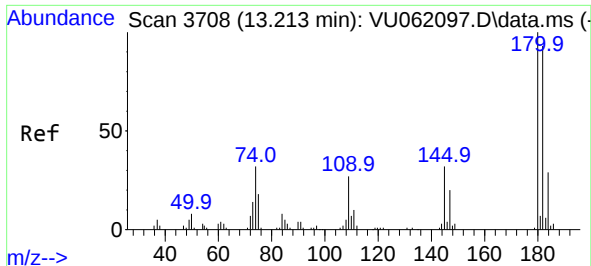
Ion Ratio Lower Upper

75 100

155 78.6 55.2 82.8

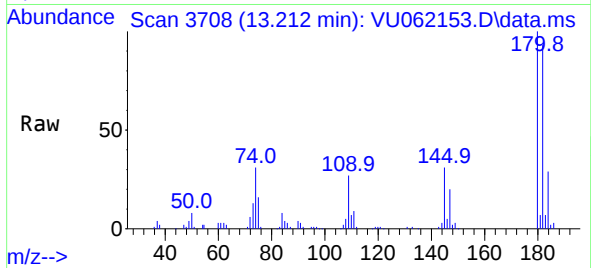
157 104.6 73.5 110.3



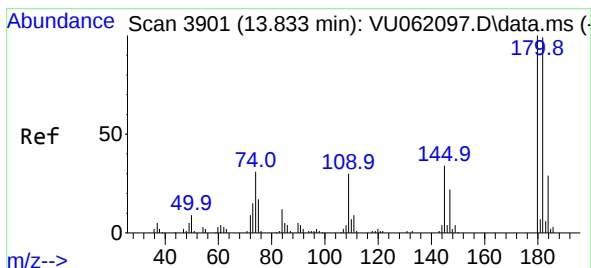
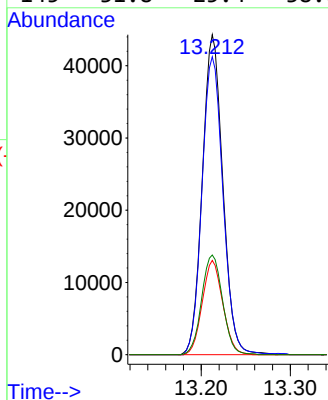
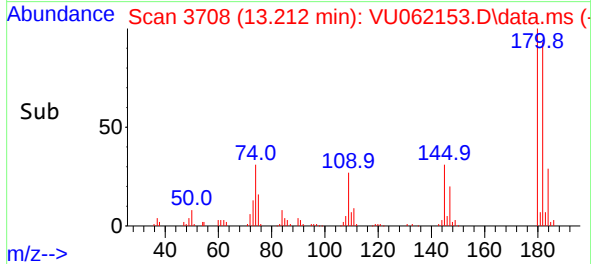


#69
1,3,5-Trichlorobenzene
Concen: 5.908 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

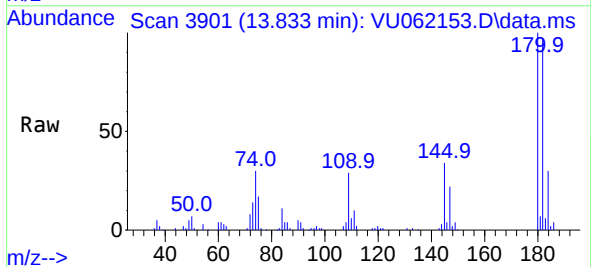
Instrument :
MSVOA_U
ClientSampleId :



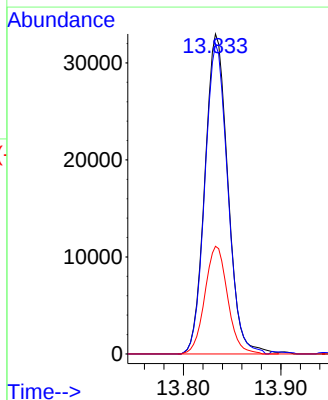
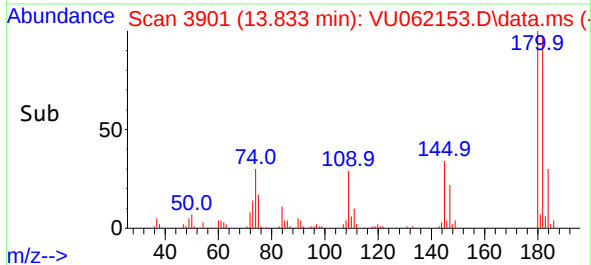
Tgt Ion:180 Resp: 70582
Ion Ratio Lower Upper
180 100
182 95.4 76.7 115.1
184 29.4 24.8 37.2
145 31.8 25.4 38.0

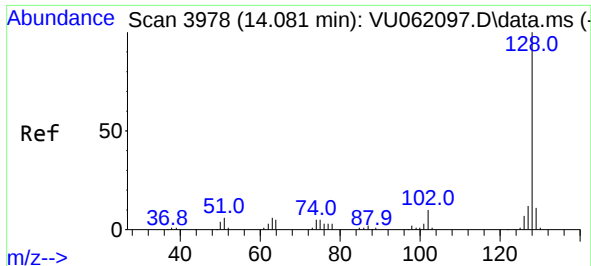


#70
1,2,4-trichlorobenzene
Concen: 5.905 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08



Tgt Ion:180 Resp: 54067
Ion Ratio Lower Upper
180 100
182 96.3 74.5 111.7
145 33.2 25.6 38.4



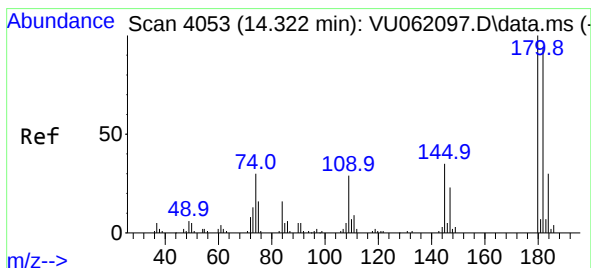
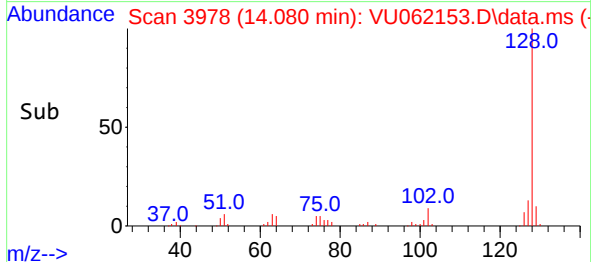
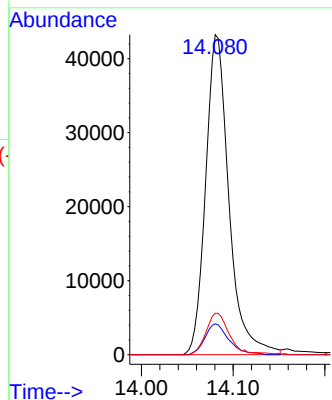
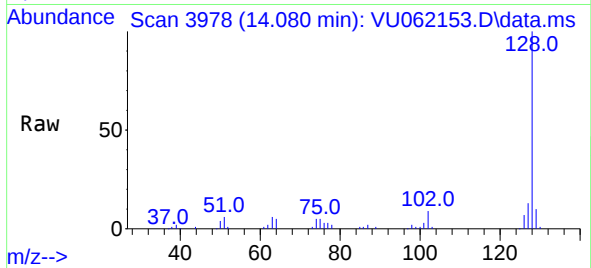


#71
Naphthalene
Concen: 5.172 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 76323

Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.5	12.7
127	13.2	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.790 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062153.D
Acq: 09 Dec 2024 12:08

Tgt Ion:180 Resp: 45660

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.1	114.1
145	36.2	27.4	41.0

