

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062154.D
 Acq On : 09 Dec 2024 12:33
 Operator : MD/SY
 Sample : VSTD01059
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 12:57:29 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	6.239	114	110865	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	103058	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	78268	14.393	ug/L	0.00
7) Chloroethane-d5	1.908	69	54048	11.235	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	36658	16.873	ug/L	0.00
20) 2-Butanone-d5	4.618	46	159115	93.176	ug/L	-0.01
24) Chloroform-d	5.052	84	171874	12.955	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	86856	12.721	ug/L	0.00
32) Benzene-d6	5.715	84	318662	15.870	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	91441	13.402	ug/L	0.00
41) Toluene-d8	7.888	98	298029	17.796	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	41057	16.255	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	127136	110.277	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	70662	10.364	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	105058	12.931	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	104143	10.736	ug/L	99
3) Chloromethane	1.515	50	80541	8.056	ug/L	99
5) Vinyl chloride	1.599	62	84520	8.228	ug/L	98
6) Bromomethane	1.853	94	57767	9.448	ug/L	100
8) Chloroethane	1.927	64	44499	6.719	ug/L	100
9) Trichlorofluoromethane	2.129	101	147612	11.361	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	80264	10.039	ug/L	92
12) 1,1-Dichloroethene	2.570	96	74761	10.055	ug/L #	83
13) Acetone	2.634	43	99379	84.288	ug/L	95
14) Carbon disulfide	2.785	76	234566	9.918	ug/L	99
15) Methyl Acetate	2.949	43	25004	8.259	ug/L	94
16) Methylene chloride	3.036	84	80215	8.985	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	193931	10.177	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	78530	9.992	ug/L	94
19) 1,1-Dichloroethane	3.856	63	143374	9.364	ug/L	98
21) 2-Butanone	4.698	43	155736	81.727	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	88686	10.026	ug/L	96
23) Bromochloromethane	4.962	128	39231	10.203	ug/L #	85
25) Chloroform	5.078	83	160753	10.045	ug/L	100
27) 1,2-Dichloroethane	5.782	62	103088	10.013	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	149622	12.596	ug/L	95
30) Cyclohexane	5.377	56	122055	9.823	ug/L	96
31) Carbon tetrachloride	5.515	117	138120	13.694	ug/L	100
33) Benzene	5.763	78	328878	10.567	ug/L	100
34) Trichloroethene	6.531	95	93682	11.278	ug/L	96
35) Methylcyclohexane	6.753	83	141370	11.126	ug/L	96
37) 1,2-Dichloropropane	6.779	63	80606	9.969	ug/L	100
38) Bromodichloromethane	7.094	83	117306	11.962	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	134839	11.893	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	387727	88.870	ug/L #	93
42) Toluene	7.959	91	360188	11.028	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	110107	12.229	ug/L	100

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

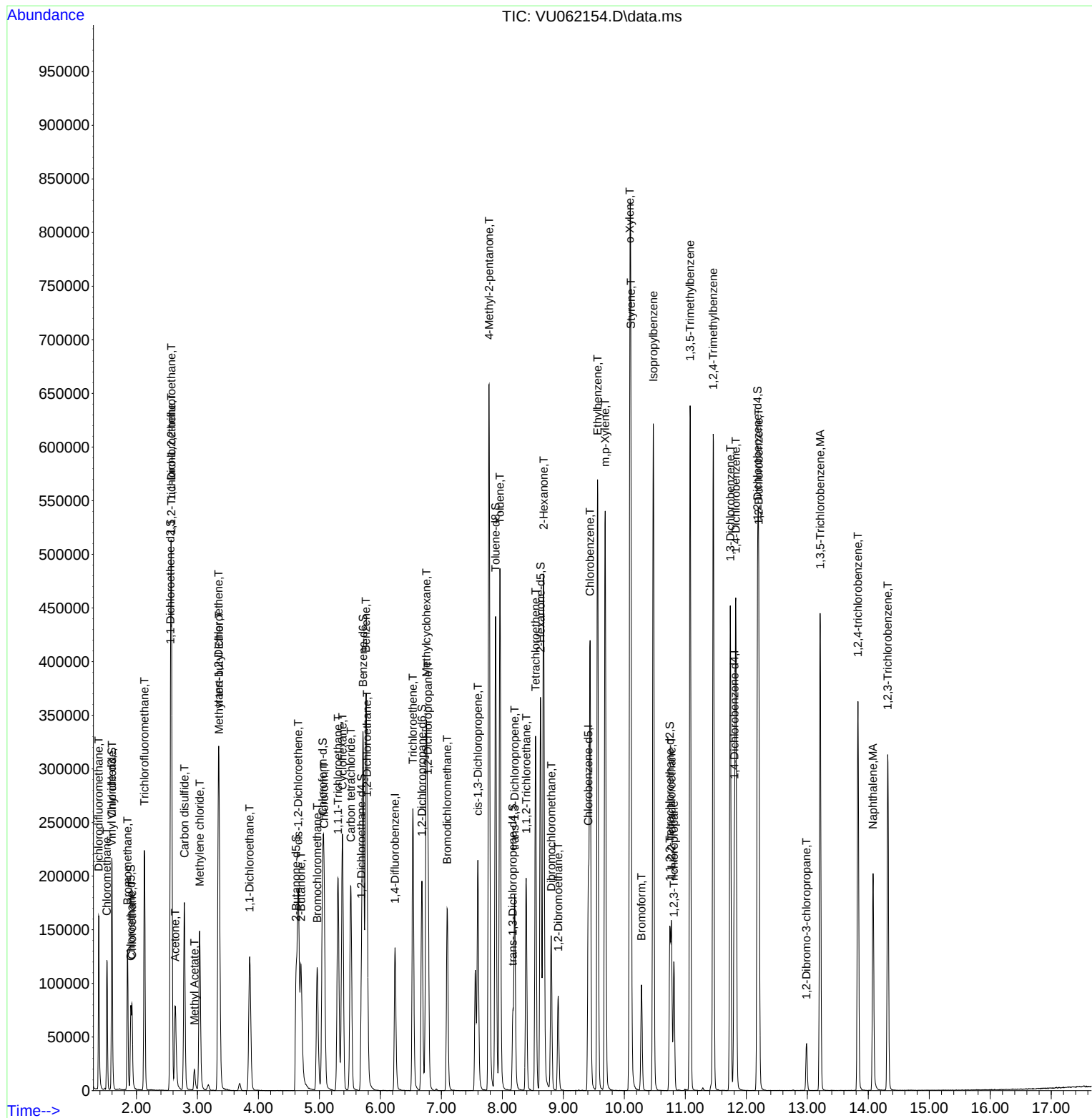
45) 1,1,2-Trichloroethane	8.390	97	62200	10.442	ug/L	97
47) Tetrachloroethene	8.544	164	71973	11.913	ug/L	96
48) 2-Hexanone	8.676	43	281852	86.262	ug/L #	93
49) Dibromochloromethane	8.801	129	75069	11.929	ug/L	94
50) 1,2-Dibromoethane	8.914	107	58422	9.881	ug/L #	100
51) Chlorobenzene	9.438	112	224182	10.022	ug/L	100
52) Ethylbenzene	9.560	91	404989	10.361	ug/L	98
53) m,p-Xylene	9.685	106	152917	11.087	ug/L	99
54) o-Xylene	10.091	106	148191	10.645	ug/L	99
55) Styrene	10.107	104	249842	10.894	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	70676	9.258	ug/L	97
59) Bromoform	10.280	173	45290	11.088	ug/L	99
60) Isopropylbenzene	10.476	105	407154	9.504	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	50743	7.988	ug/L	96
62) 1,3,5-Trimethylbenzene	11.078	105	350772	10.263	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	343719	10.087	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	183875	9.668	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	179169	9.733	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	168822	10.206	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	12352	11.394	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.209	180	138809	12.265	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	112479	12.968	ug/L	97
71) Naphthalene	14.078	128	168587	12.059	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	95082	12.728	ug/L	99

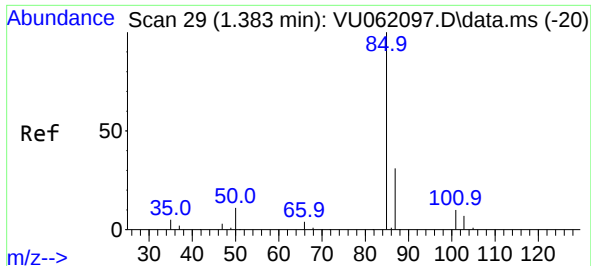
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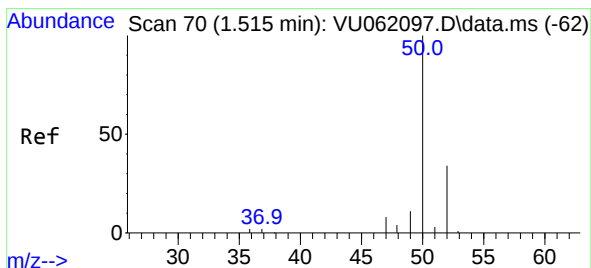
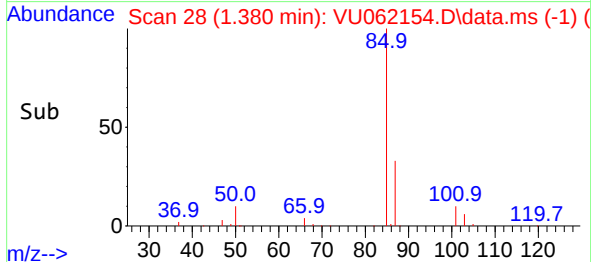
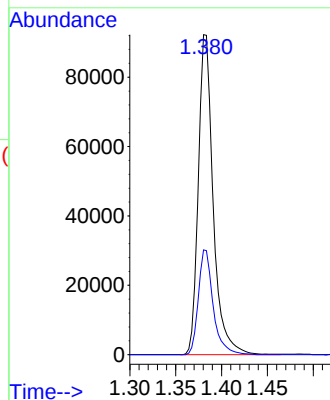
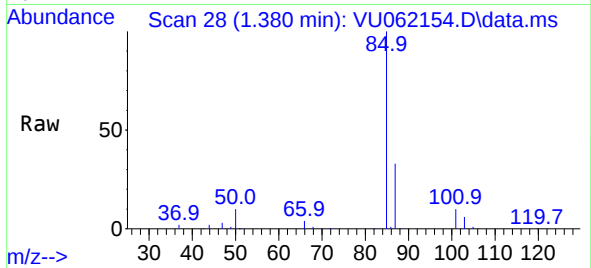




#2
Dichlorodifluoromethane
Concen: 10.736 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

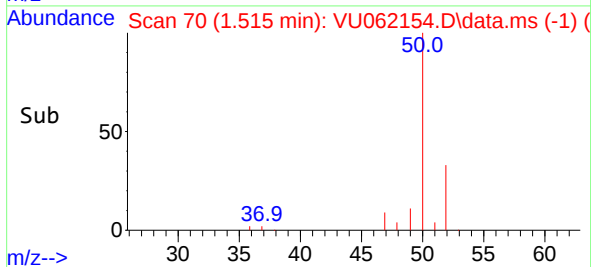
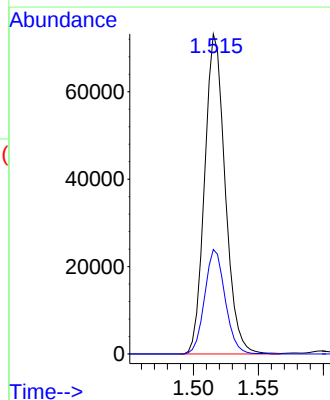
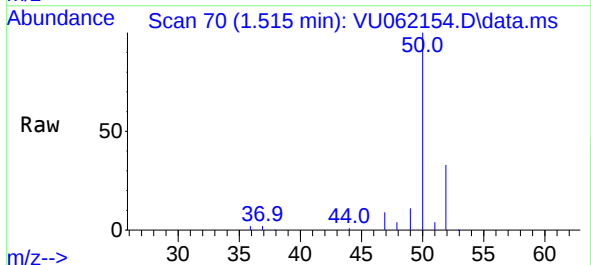
Instrument :
MSVOA_U
ClientSampleId :

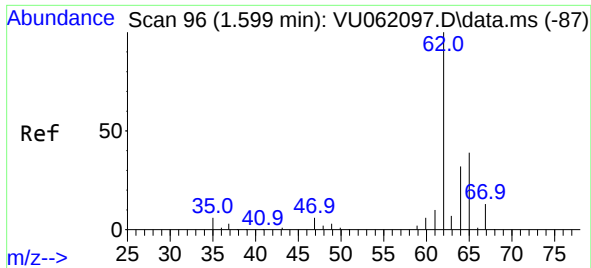
Tgt Ion: 85 Resp: 104143
Ion Ratio Lower Upper
85 100
87 32.6 26.6 40.0



#3
Chloromethane
Concen: 8.056 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 50 Resp: 80541
Ion Ratio Lower Upper
50 100
52 32.7 23.1 42.9

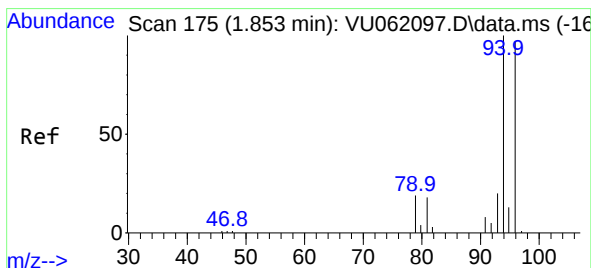
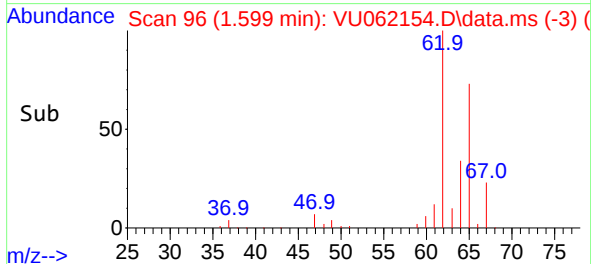
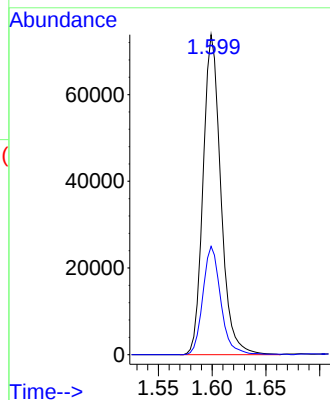
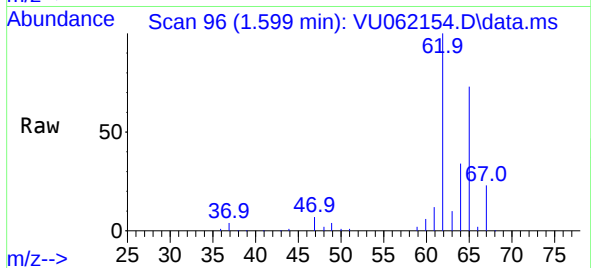




#5
Vinyl chloride
Concen: 8.228 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

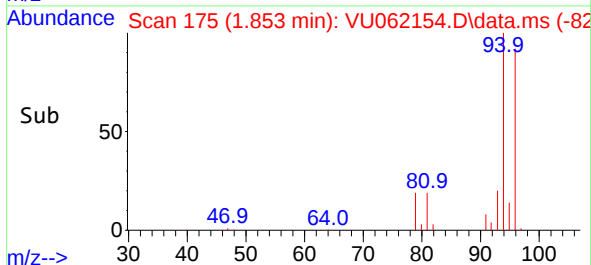
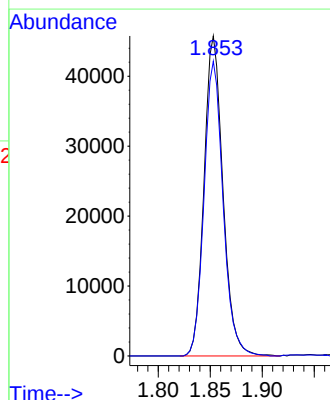
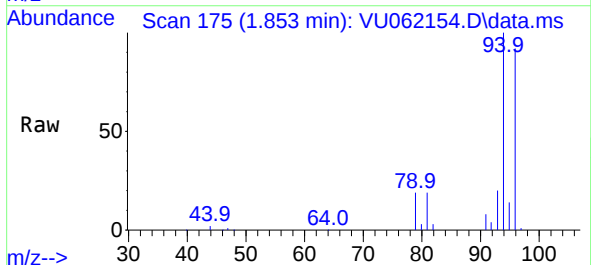
Instrument :
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ClientSampleId :

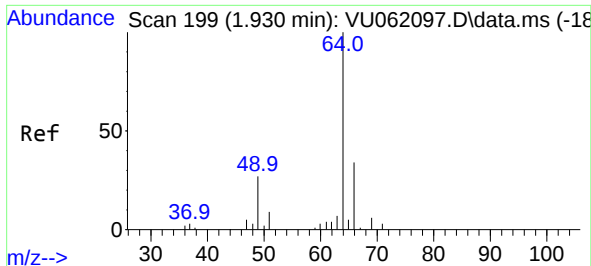
Tgt Ion: 62 Resp: 84520
Ion Ratio Lower Upper
62 100
64 33.9 23.1 42.9



#6
Bromomethane
Concen: 9.448 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 94 Resp: 57767
Ion Ratio Lower Upper
94 100
96 92.1 64.5 119.9

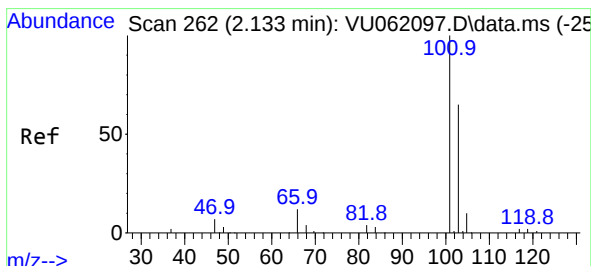
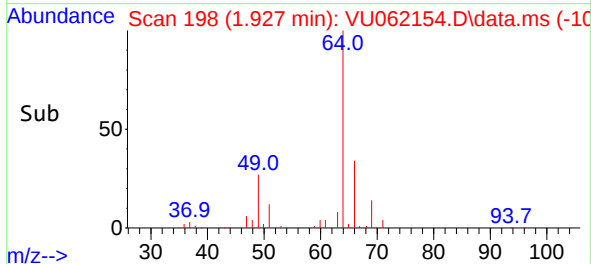
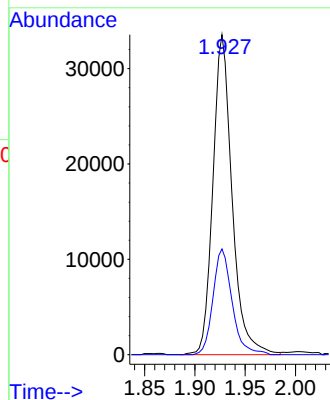
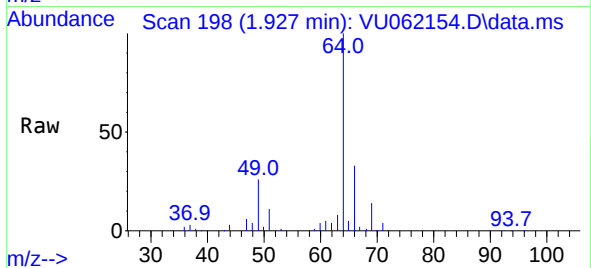




#8
Chloroethane
Concen: 6.719 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

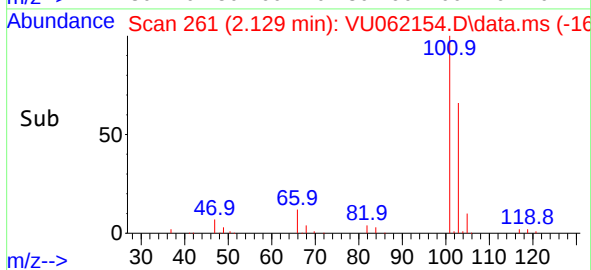
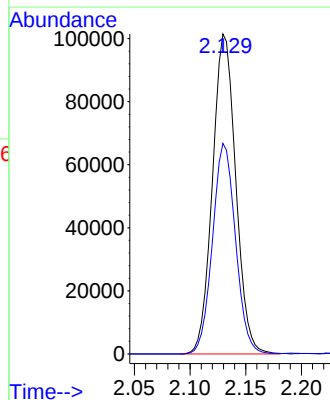
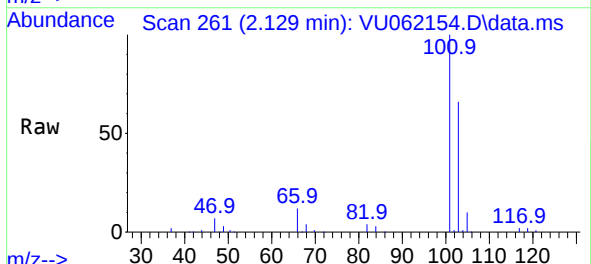
Instrument :
MSVOA_U
ClientSampleId :

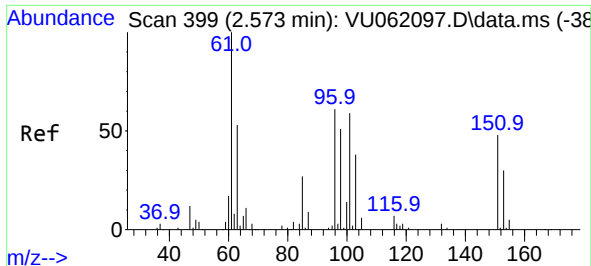
Tgt Ion: 64 Resp: 44499
Ion Ratio Lower Upper
64 100
66 33.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 11.361 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion:101 Resp: 147612
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8

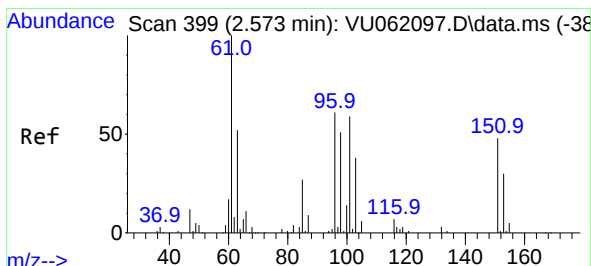
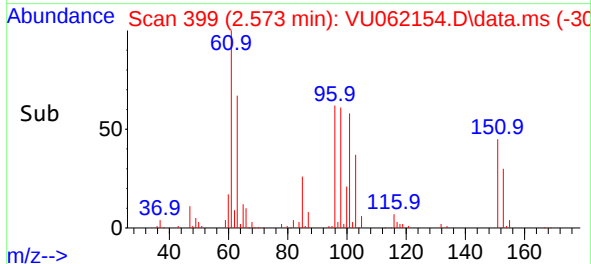
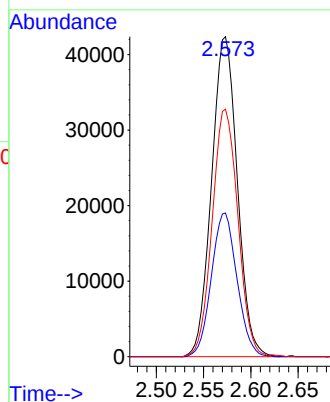
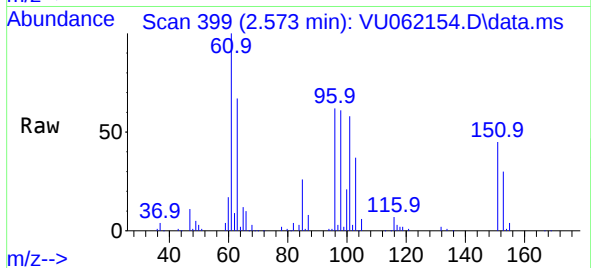




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.039 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

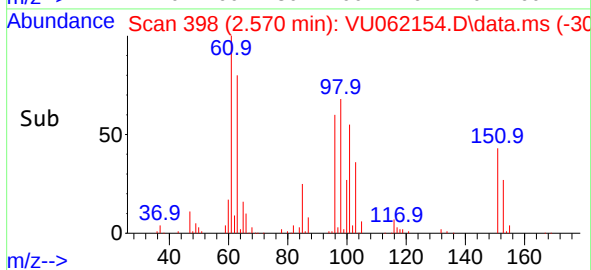
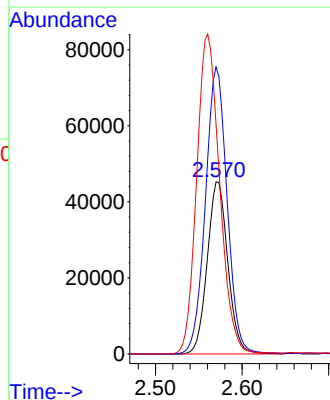
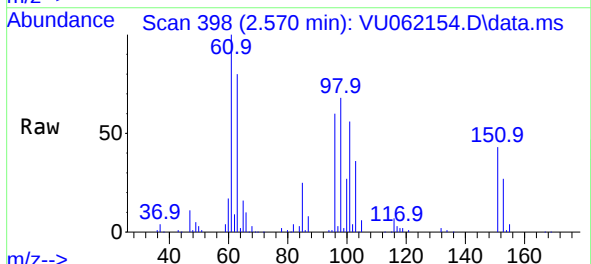
Instrument :
MSVOA_U
ClientSampleId :

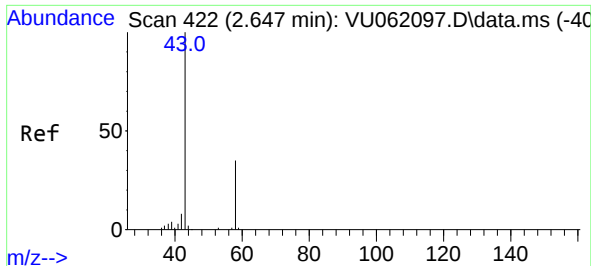
Tgt Ion:101 Resp: 80264
Ion Ratio Lower Upper
101 100
85 44.7 38.0 57.0
151 77.1 55.3 82.9



#12
1,1-Dichloroethene
Concen: 10.055 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 96 Resp: 74761
Ion Ratio Lower Upper
96 100
61 166.7 119.6 222.2
63 133.5 65.0 120.6#





#13

Acetone

Concen: 84.288 ug/L

RT: 2.634 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU062154.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_U

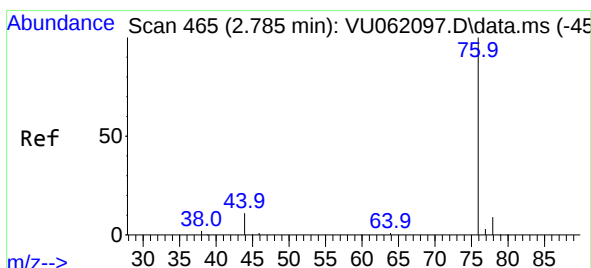
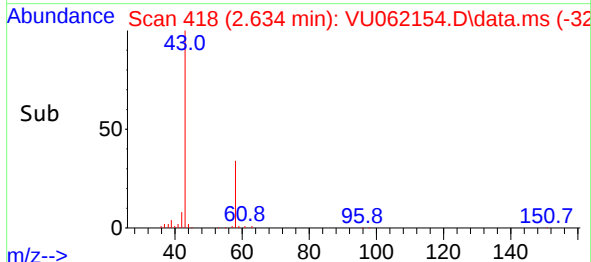
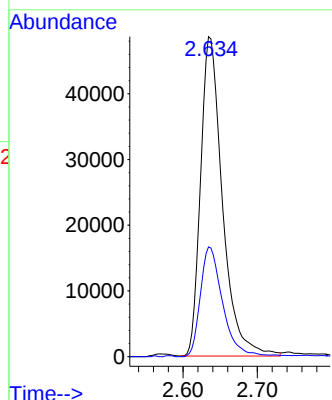
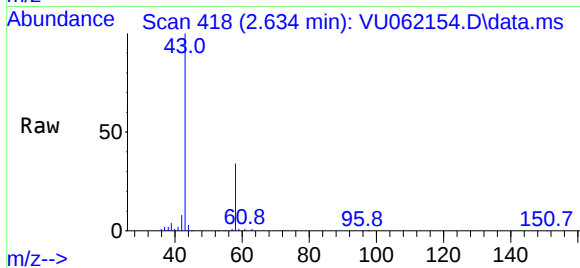
ClientSampleId :

Tgt Ion: 43 Resp: 99379

Ion Ratio Lower Upper

43 100

58 34.9 0.0 64.0



#14

Carbon disulfide

Concen: 9.918 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062154.D

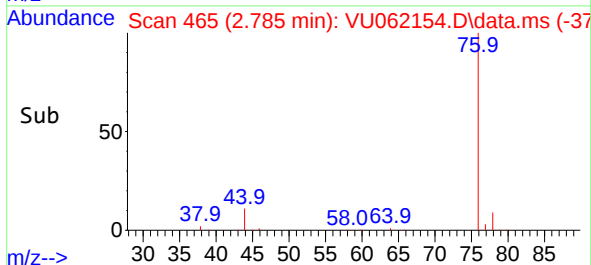
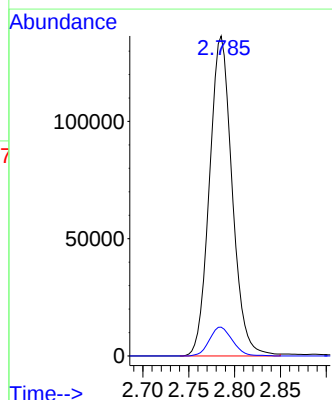
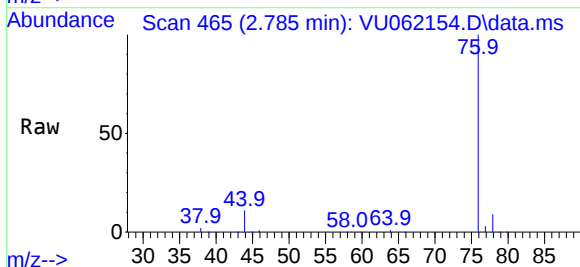
Acq: 09 Dec 2024 12:33

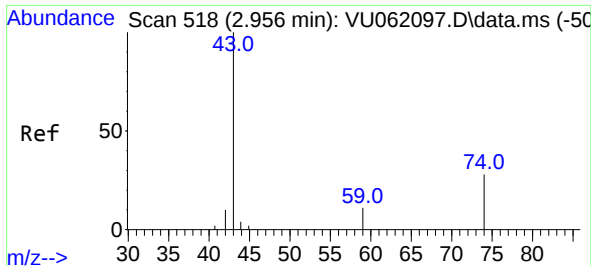
Tgt Ion: 76 Resp: 234566

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

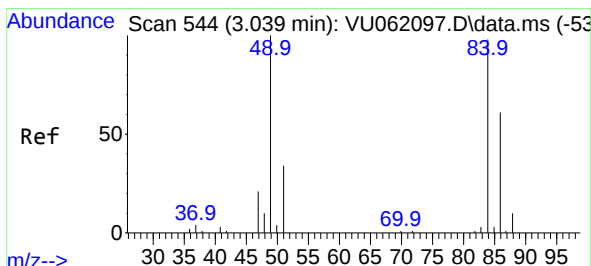
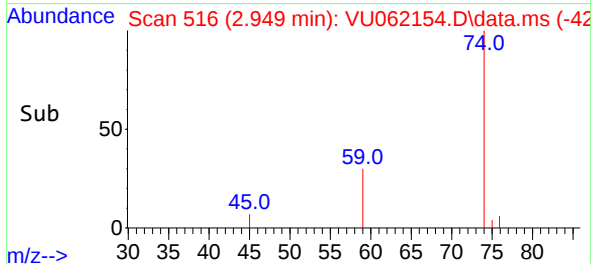
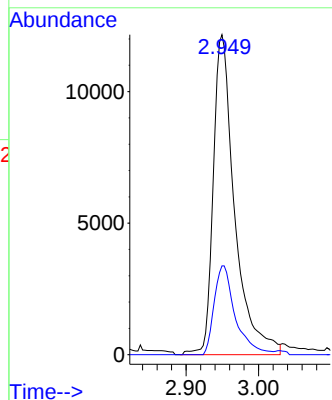
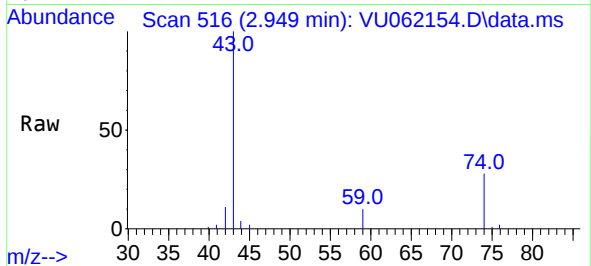




#15
Methyl Acetate
Concen: 8.259 ug/L
RT: 2.949 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

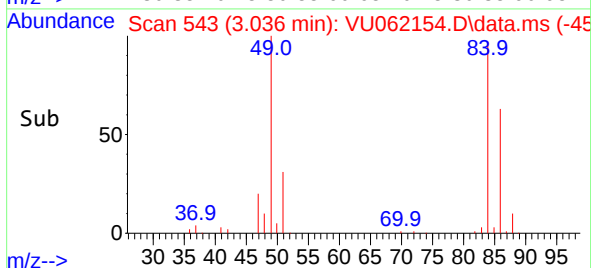
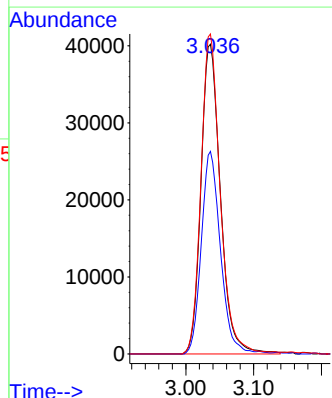
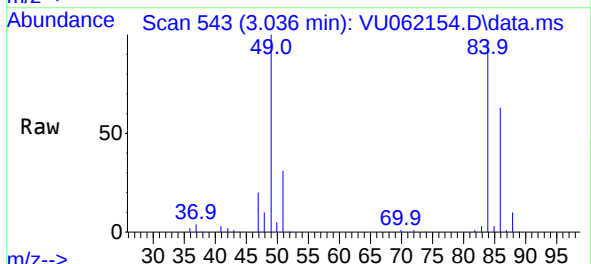
Instrument :
MSVOA_U
ClientSampleId :

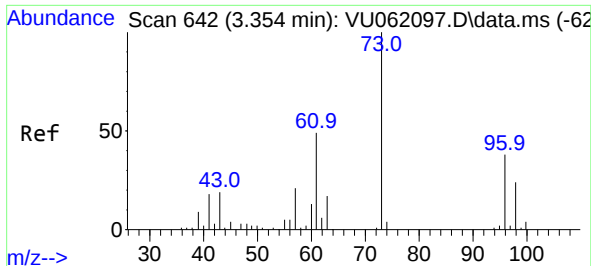
Tgt Ion: 43 Resp: 25004
Ion Ratio Lower Upper
43 100
74 27.3 19.4 29.2



#16
Methylene chloride
Concen: 8.985 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

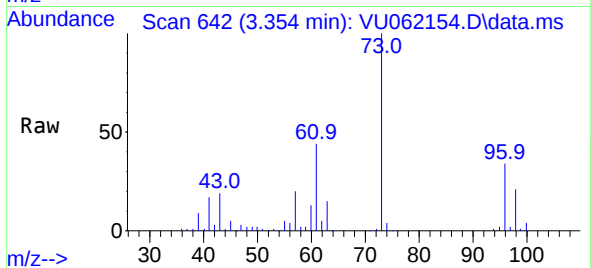
Tgt Ion: 84 Resp: 80215
Ion Ratio Lower Upper
84 100
86 65.4 43.5 80.7
49 103.3 81.9 152.1



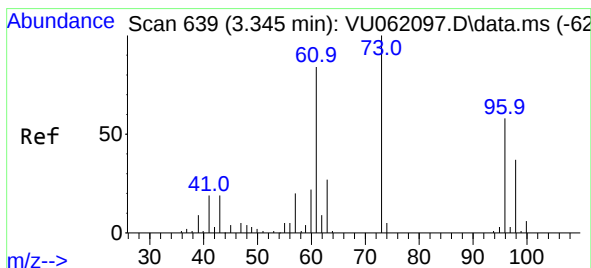
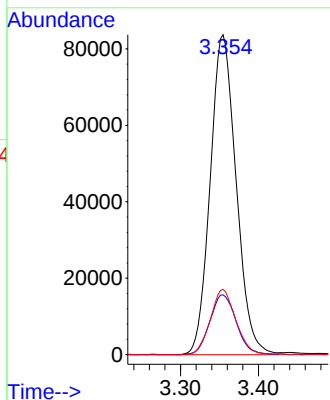
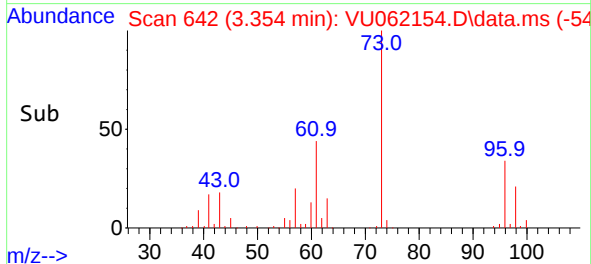


#17
Methyl tert-butyl Ether
Concen: 10.177 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

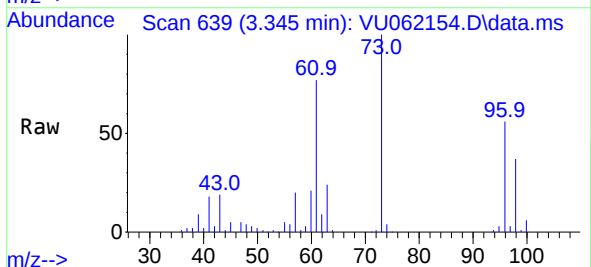
Instrument :
MSVOA_U
ClientSampleId :



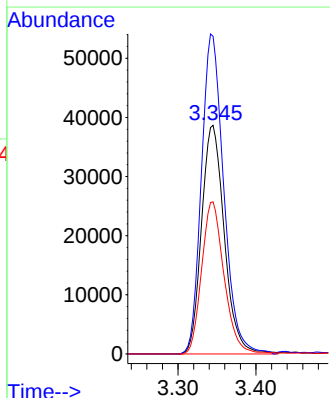
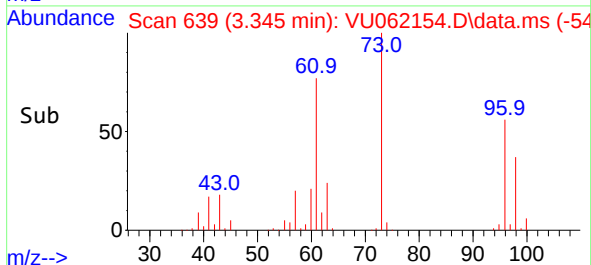
Tgt Ion: 73 Resp: 193931
Ion Ratio Lower Upper
73 100
43 19.1 16.3 24.5
57 20.1 17.1 25.7

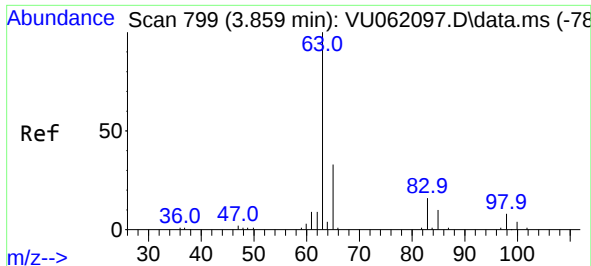


#18
trans-1,2-Dichloroethene
Concen: 9.992 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33



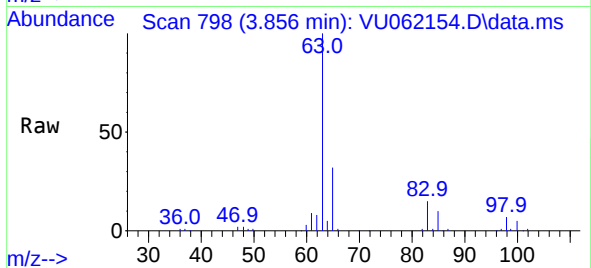
Tgt Ion: 96 Resp: 78530
Ion Ratio Lower Upper
96 100
61 138.9 104.2 193.4
98 66.6 45.7 84.9



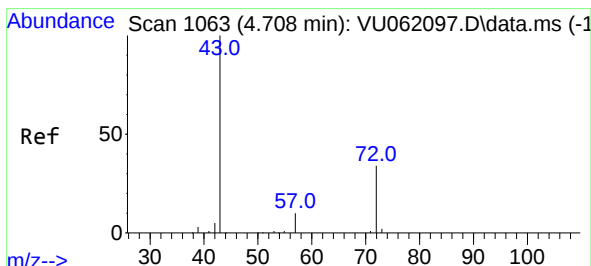
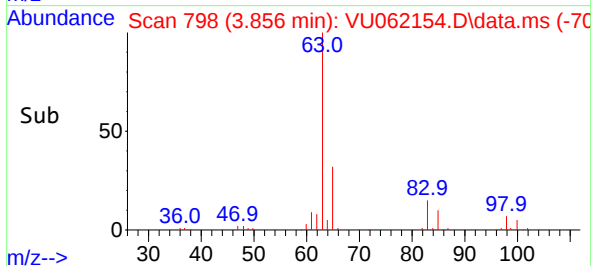
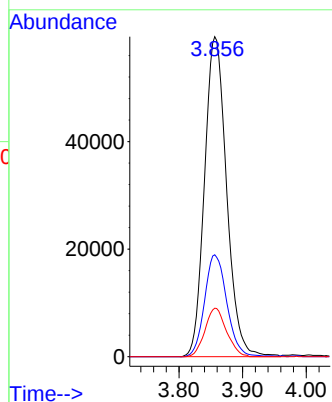


#19
1,1-Dichloroethane
Concen: 9.364 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Instrument :
MSVOA_U
ClientSampleId :

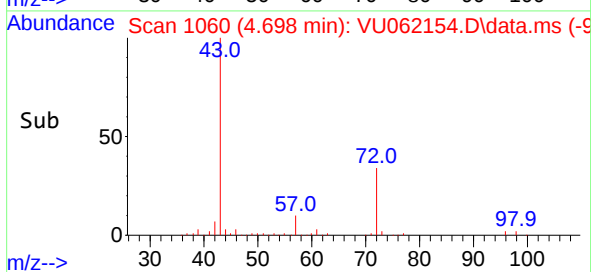
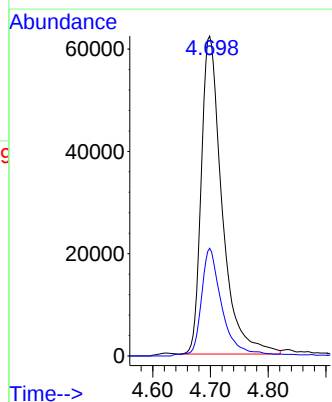
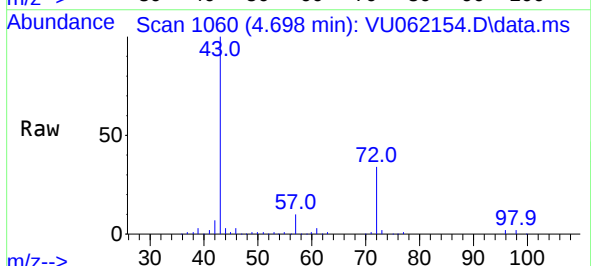


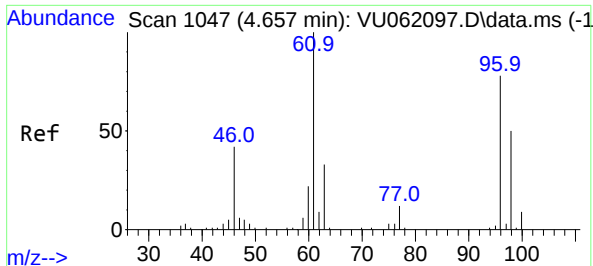
Tgt Ion: 63 Resp: 143374
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.3
83 15.2 9.9 18.3



#21
2-Butanone
Concen: 81.727 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.010 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

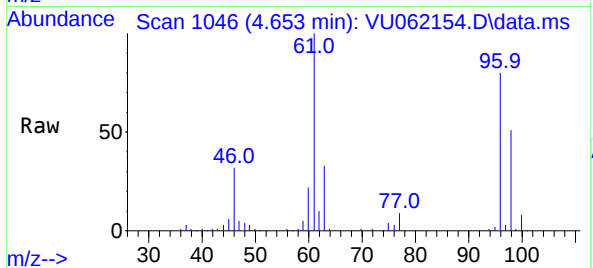
Tgt Ion: 43 Resp: 155736
Ion Ratio Lower Upper
43 100
72 33.6 14.8 44.4



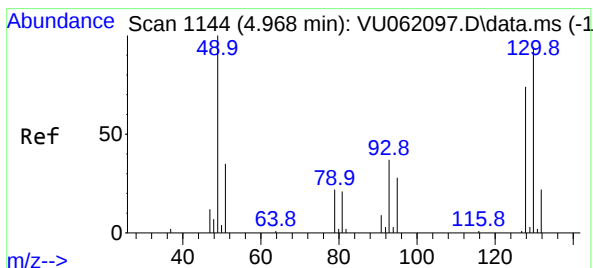
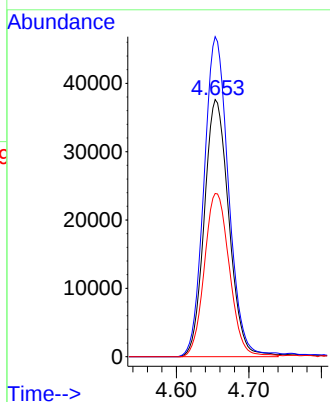
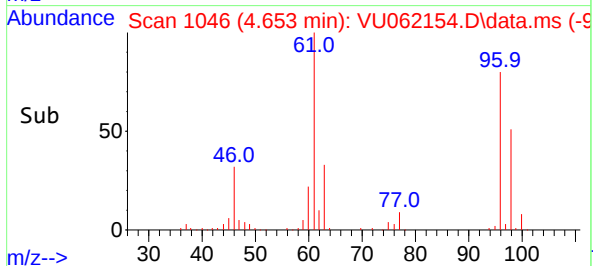


#22
cis-1,2-Dichloroethene
Concen: 10.026 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.004 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Instrument :
MSVOA_U
ClientSampleId :

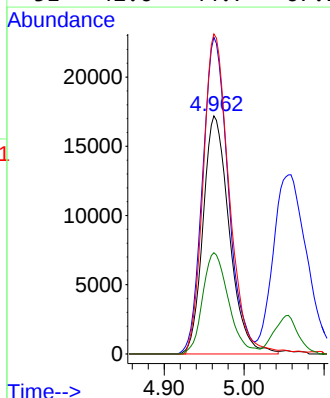
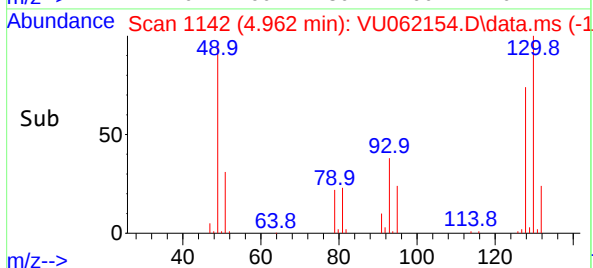
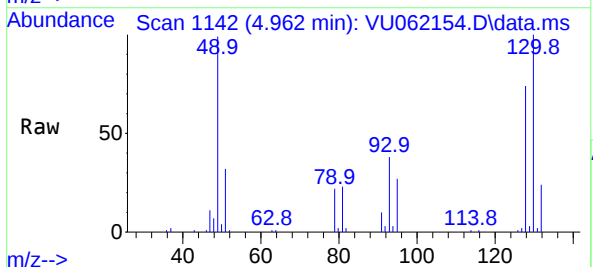


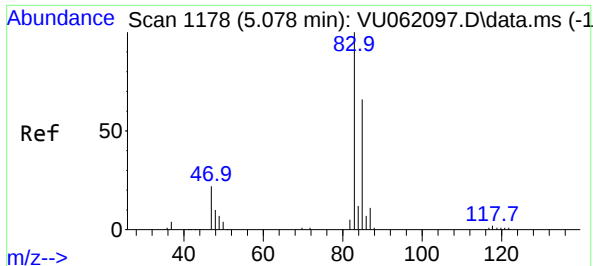
Tgt Ion: 96 Resp: 88686
Ion Ratio Lower Upper
96 100
61 124.5 92.0 170.8
98 63.4 44.5 82.7



#23
Bromochloromethane
Concen: 10.203 ug/L
RT: 4.962 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 128 Resp: 39231
Ion Ratio Lower Upper
128 100
49 133.0 115.3 214.1
130 134.4 92.0 170.8
51 42.6 44.7 67.1#





#25

Chloroform

Concen: 10.045 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU062154.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_U

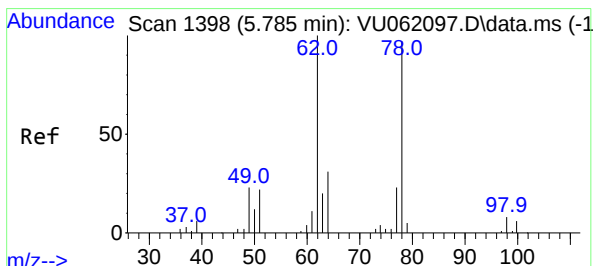
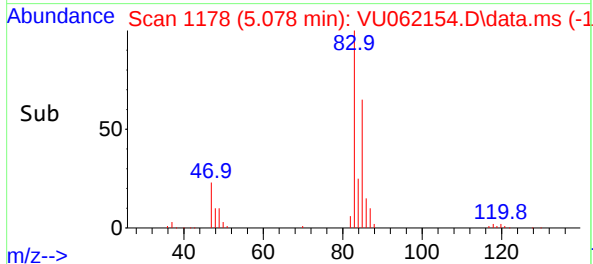
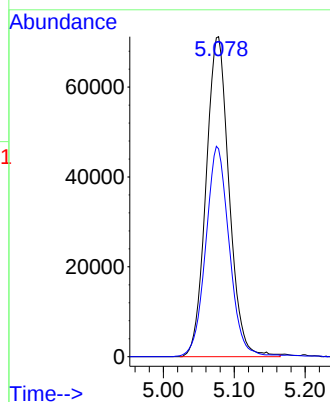
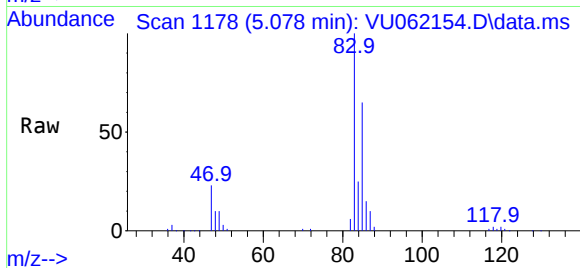
ClientSampleId :

Tgt Ion: 83 Resp: 160753

Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 10.013 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU062154.D

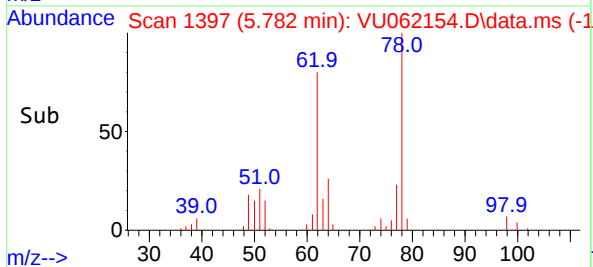
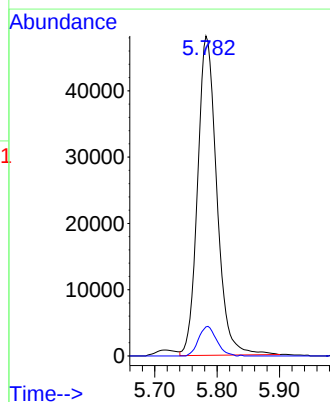
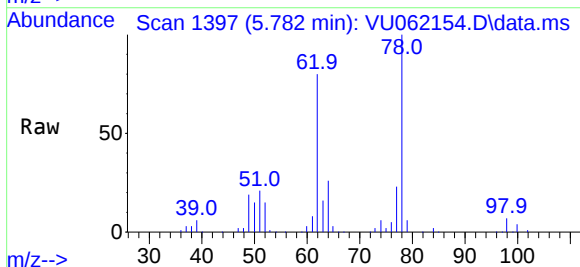
Acq: 09 Dec 2024 12:33

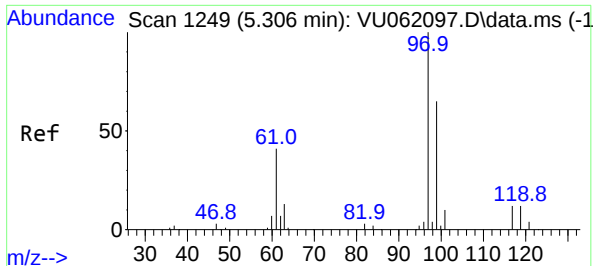
Tgt Ion: 62 Resp: 103088

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0

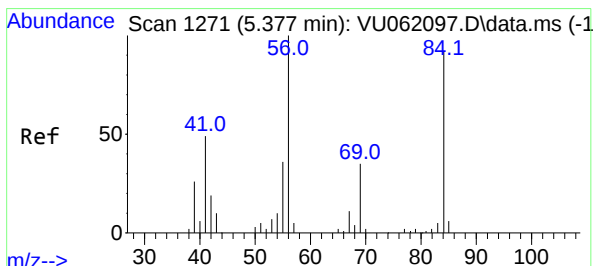
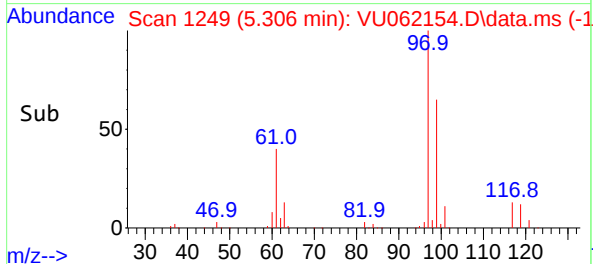
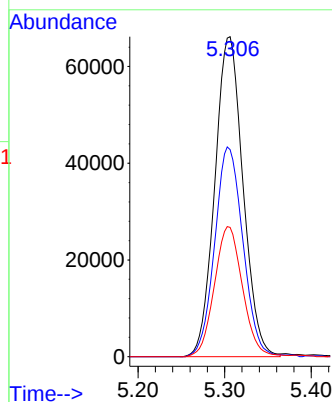
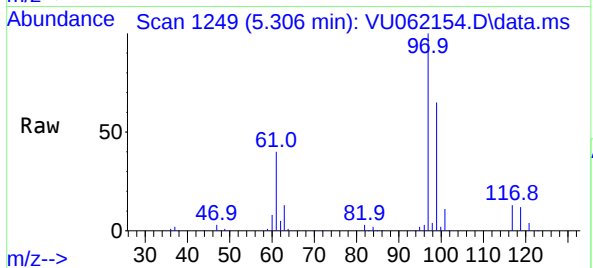




#29
1,1,1-Trichloroethane
Concen: 12.596 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

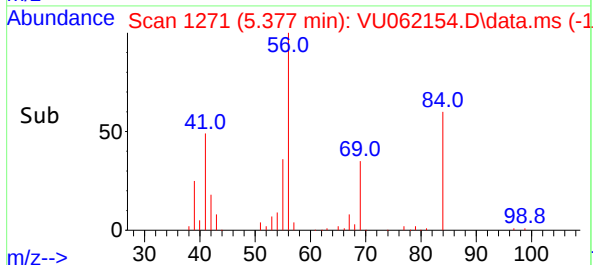
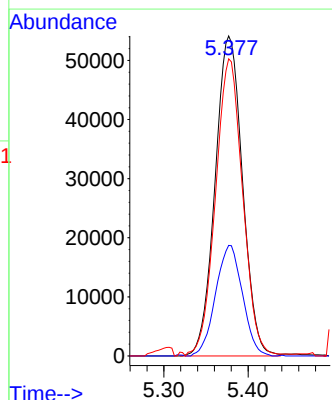
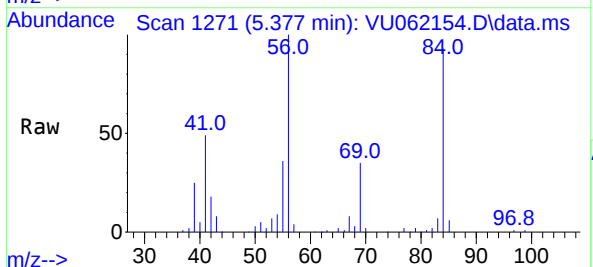
Instrument :
MSVOA_U
ClientSampleId :

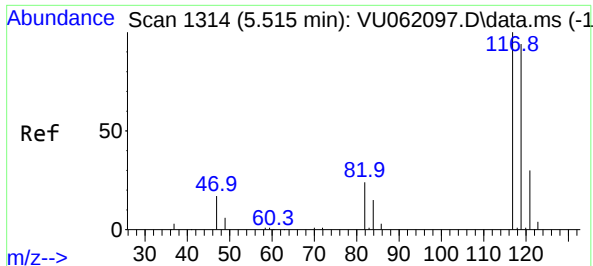
Tgt Ion: 97 Resp: 149622
Ion Ratio Lower Upper
97 100
99 65.9 51.4 77.2
61 40.5 37.8 56.6



#30
Cyclohexane
Concen: 9.823 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 56 Resp: 122055
Ion Ratio Lower Upper
56 100
69 33.9 25.1 37.7
84 92.1 70.6 105.8

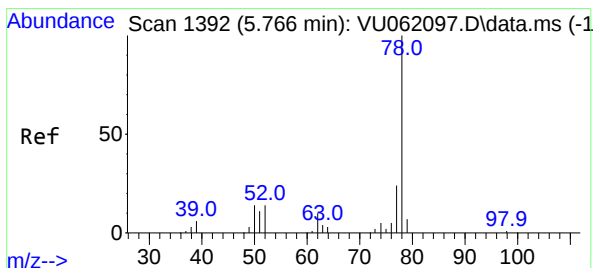
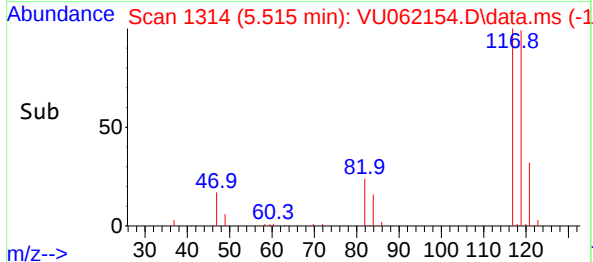
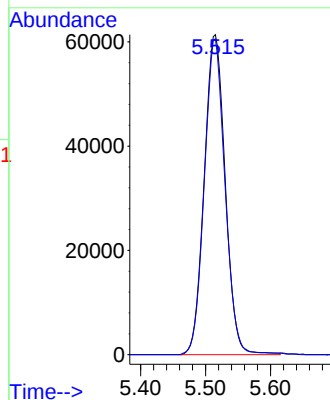
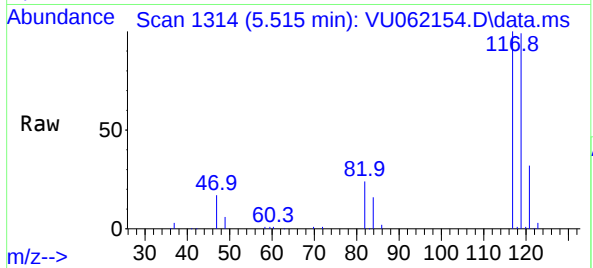




#31
Carbon tetrachloride
Concen: 13.694 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

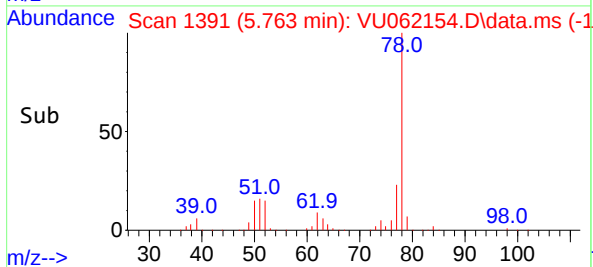
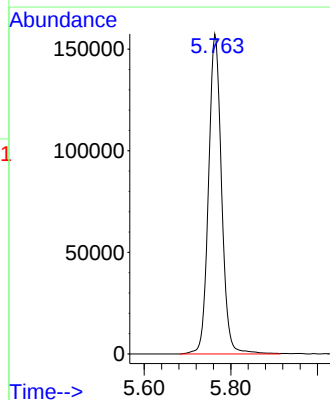
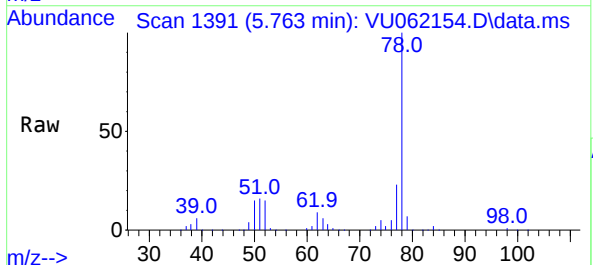
Instrument :
MSVOA_U
ClientSampleId :

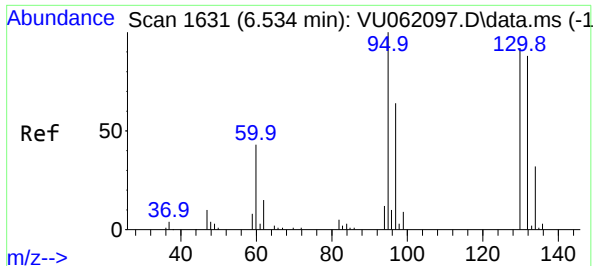
Tgt Ion:117 Resp: 138120
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 10.567 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 78 Resp: 328878



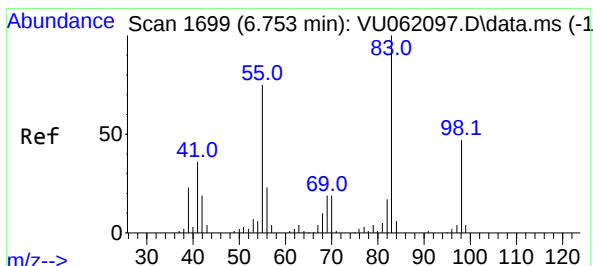
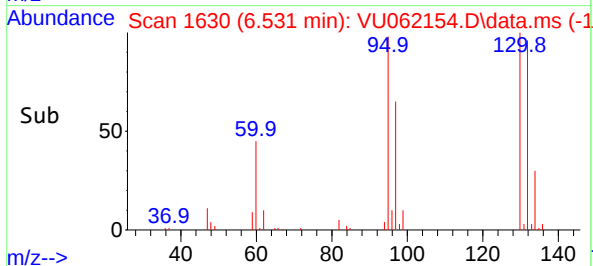
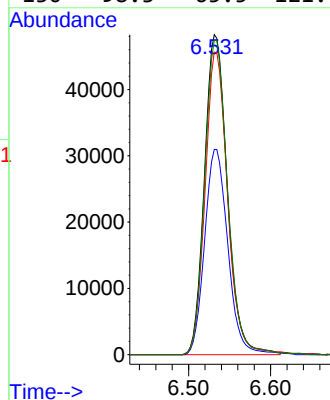
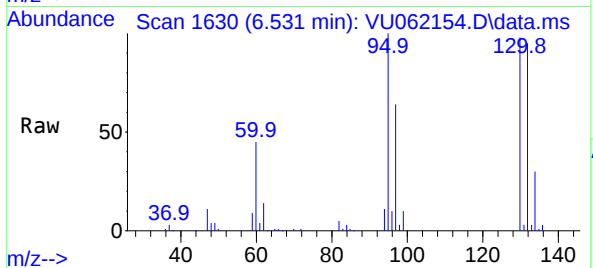


#34
Trichloroethene
Concen: 11.278 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 93682

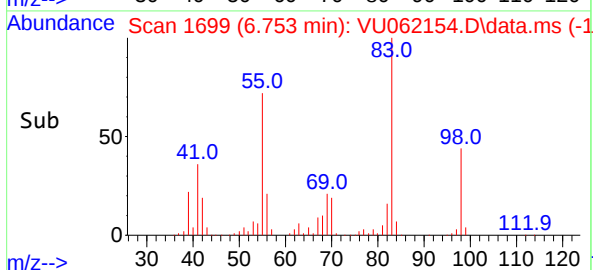
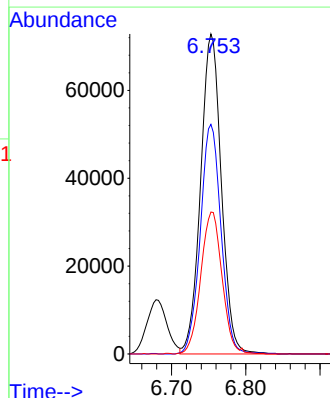
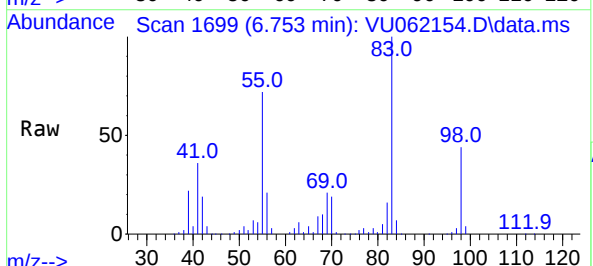
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.9	85.3
132	94.6	63.8	118.4
130	98.3	65.5	121.7

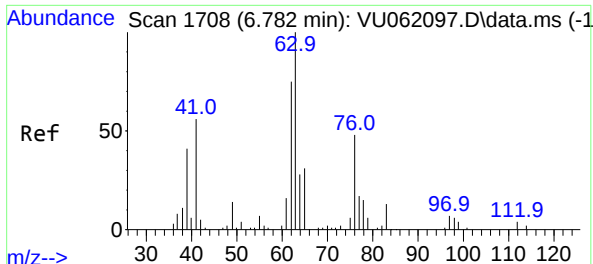


#35
Methylcyclohexane
Concen: 11.126 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 83 Resp: 141370

Ion	Ratio	Lower	Upper
83	100		
55	71.6	60.7	91.1
98	45.6	34.8	52.2

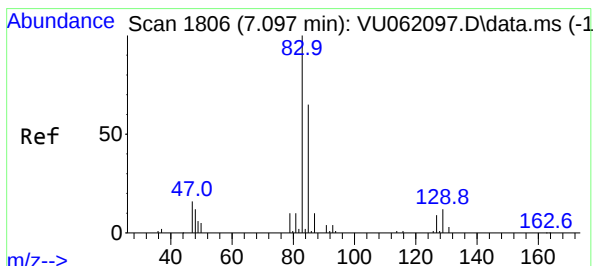
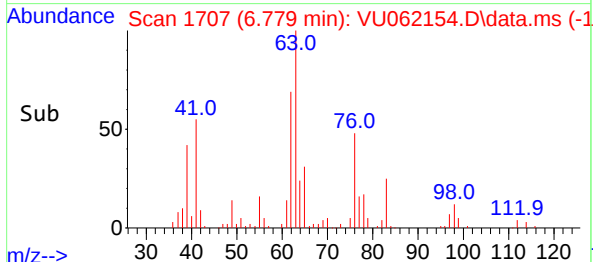
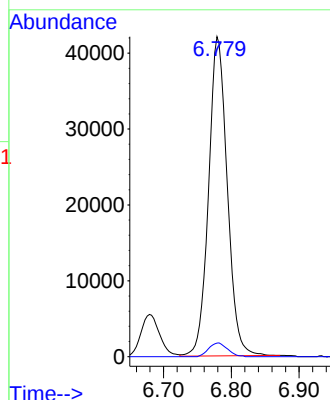
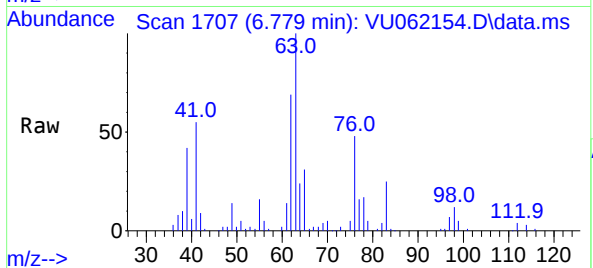




#37
1,2-Dichloropropane
Concen: 9.969 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

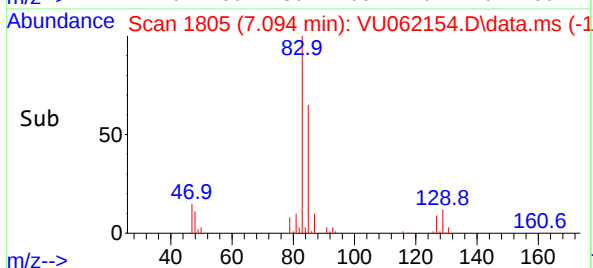
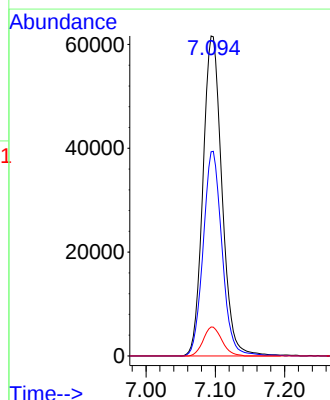
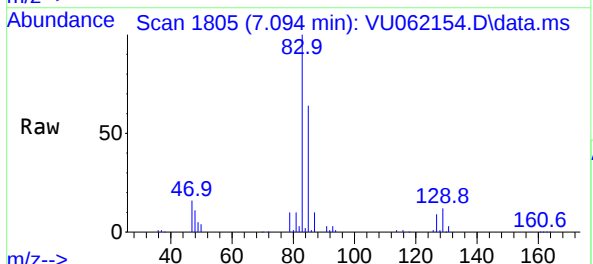
Instrument :
MSVOA_U
ClientSampleId :

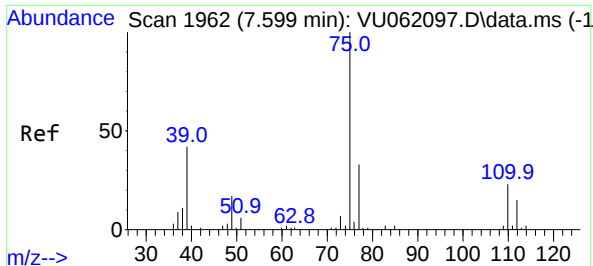
Tgt Ion: 63 Resp: 80606
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.0



#38
Bromodichloromethane
Concen: 11.962 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 83 Resp: 117306
Ion Ratio Lower Upper
83 100
85 63.8 44.1 81.9
127 9.0 6.9 10.3

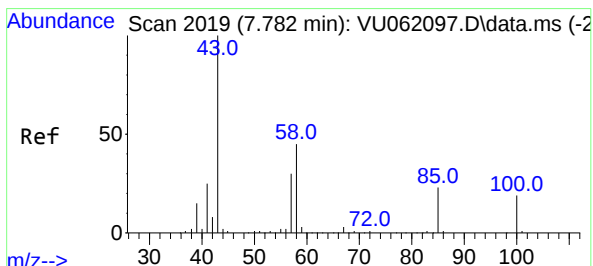
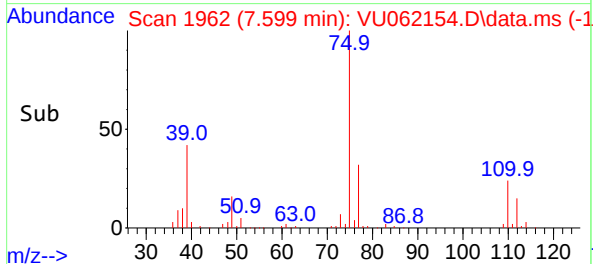
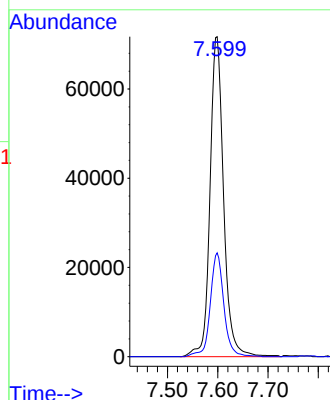
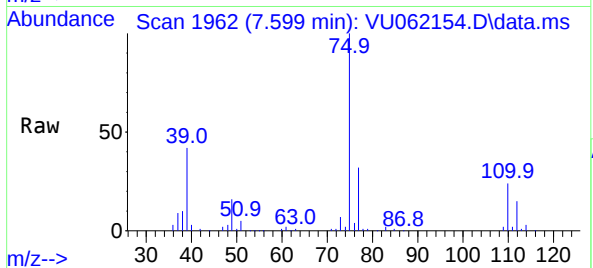




#39
cis-1,3-Dichloropropene
Concen: 11.893 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

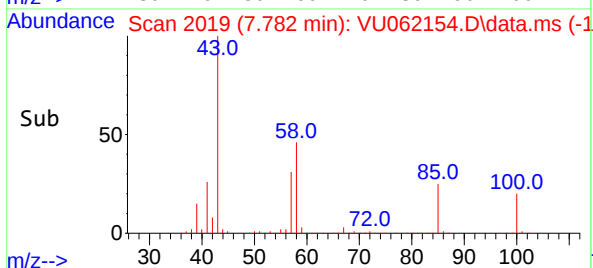
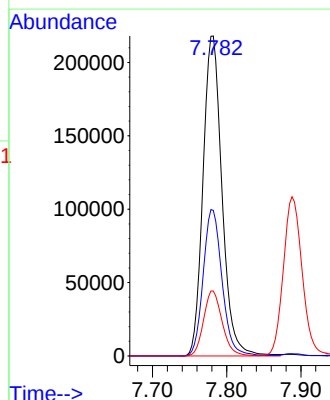
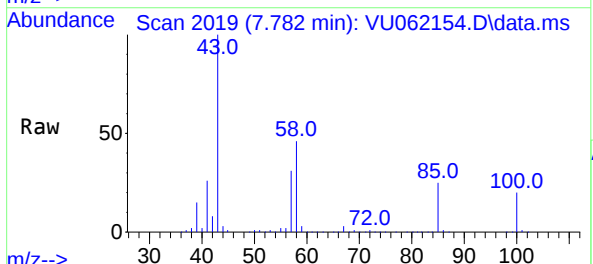
Instrument :
MSVOA_U
ClientSampleId :

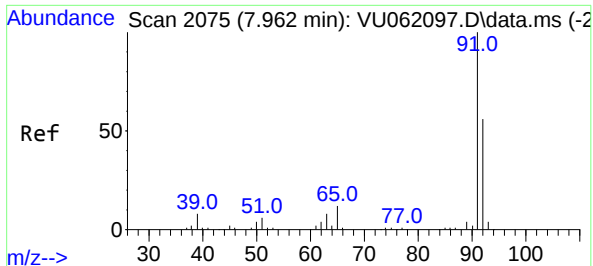
Tgt Ion: 75 Resp: 134839
Ion Ratio Lower Upper
75 100
77 32.5 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 88.870 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 43 Resp: 387727
Ion Ratio Lower Upper
43 100
58 45.5 33.3 49.9
100 19.9 12.4 18.6#

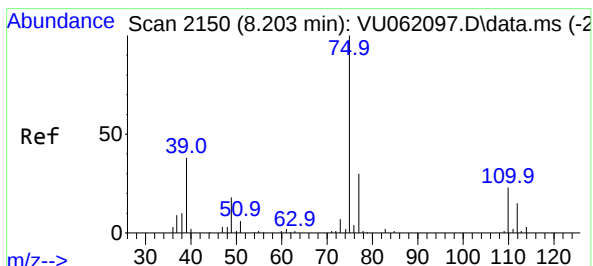
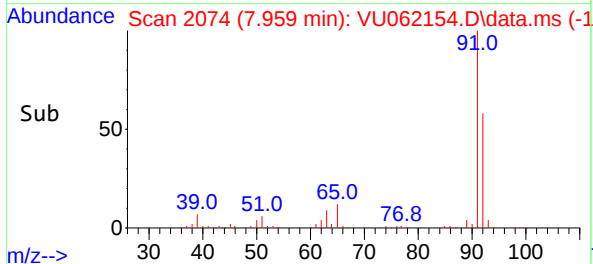
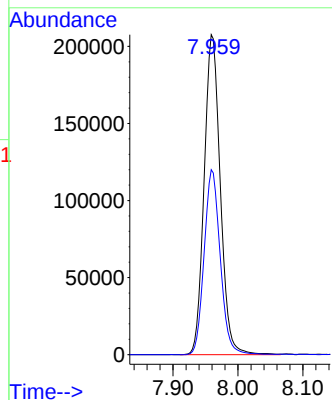
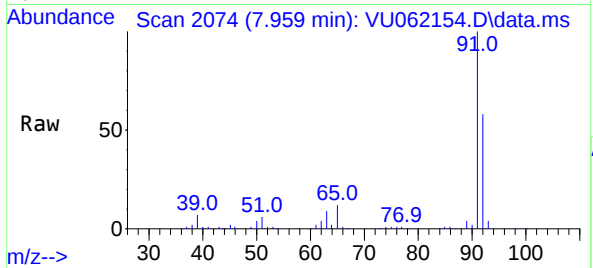




#42
Toluene
Concen: 11.028 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

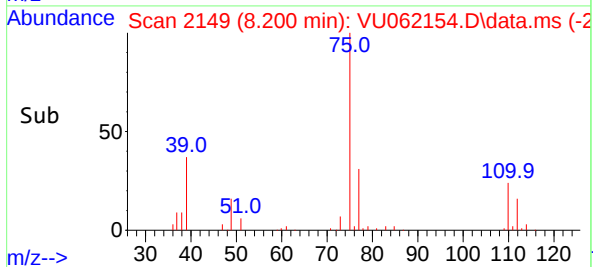
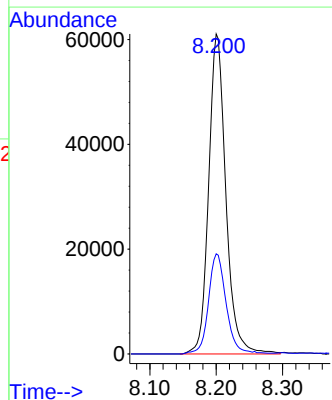
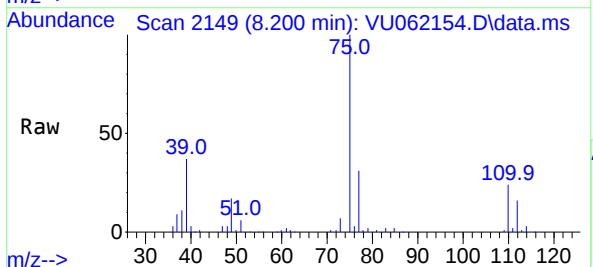
Instrument :
MSVOA_U
ClientSampleId :

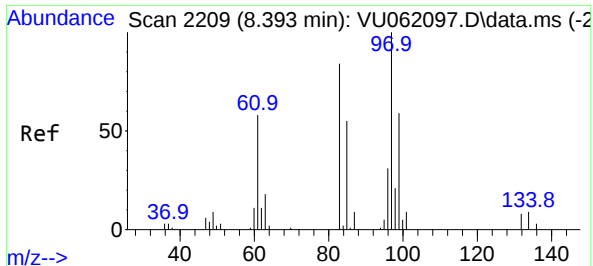
Tgt Ion: 91 Resp: 360188
Ion Ratio Lower Upper
91 100
92 57.8 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 12.229 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 75 Resp: 110107
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 10.442 ug/L

RT: 8.390 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062154.D

Acq: 09 Dec 2024 12:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 62200

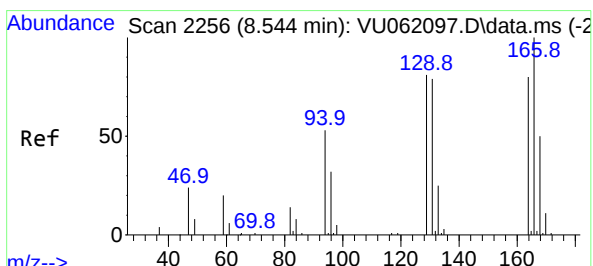
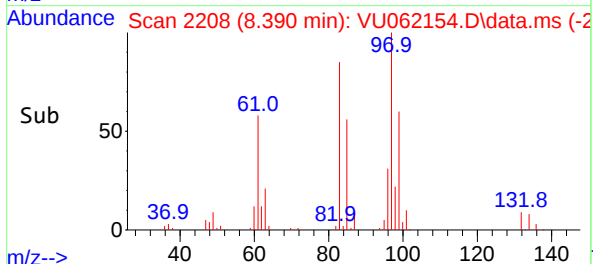
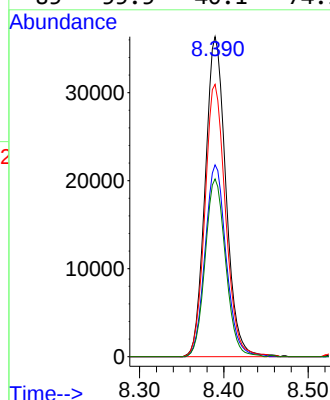
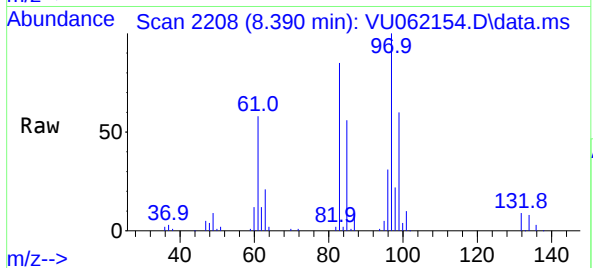
Ion Ratio Lower Upper

97 100

99 59.9 43.0 79.8

83 85.1 61.7 114.5

85 55.5 40.1 74.5



#47

Tetrachloroethene

Concen: 11.913 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU062154.D

Acq: 09 Dec 2024 12:33

Tgt Ion:164 Resp: 71973

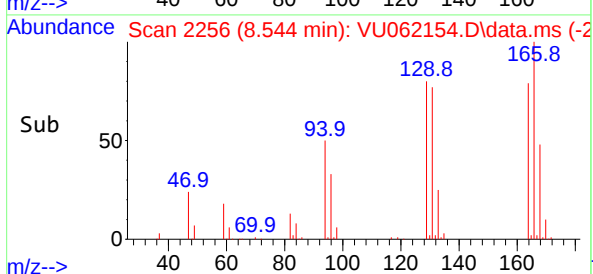
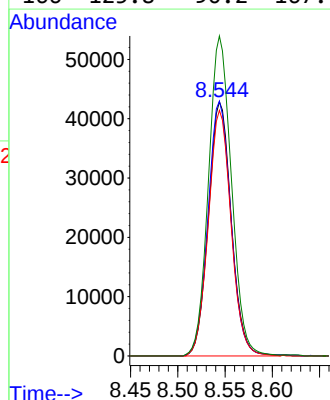
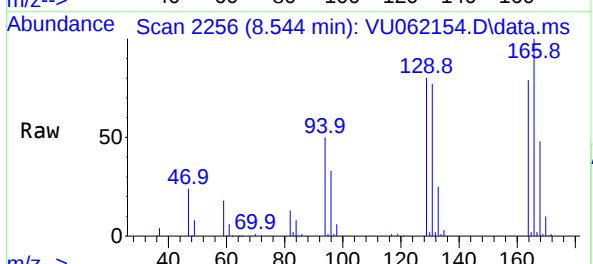
Ion Ratio Lower Upper

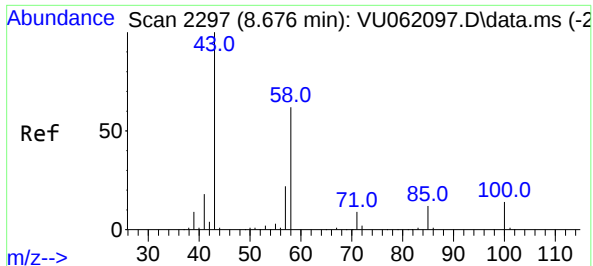
164 100

129 100.3 73.2 136.0

131 96.6 72.3 134.3

166 125.8 90.2 167.4

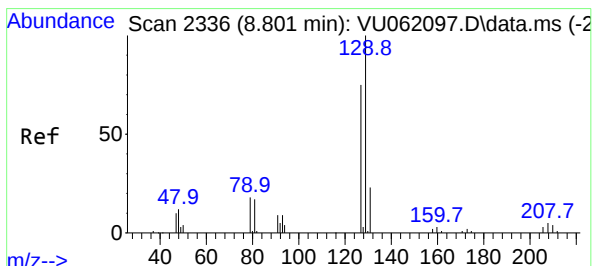
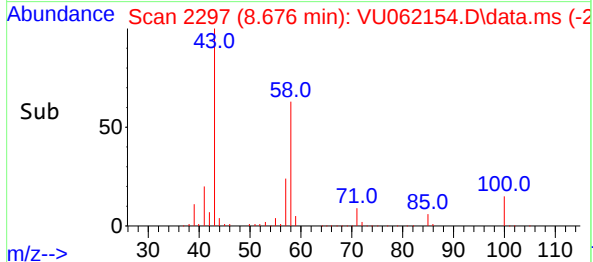
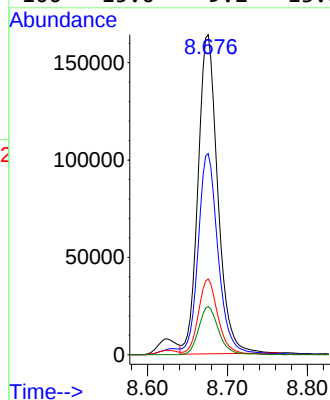
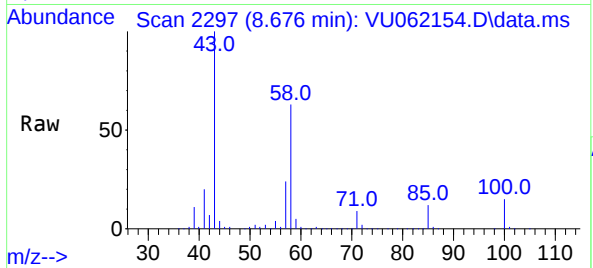




#48
2-Hexanone
Concen: 86.262 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

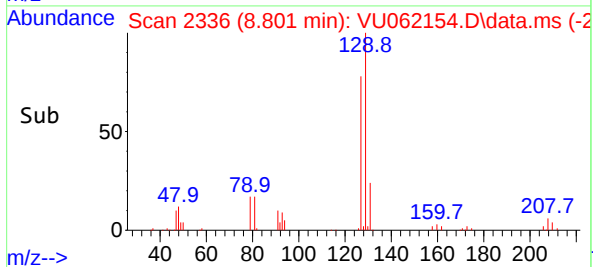
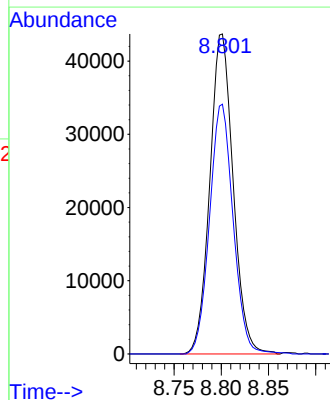
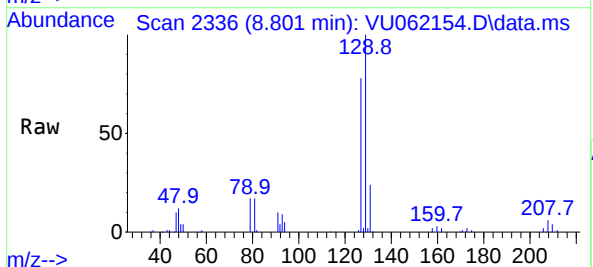
Instrument :
MSVOA_U
ClientSampleId :

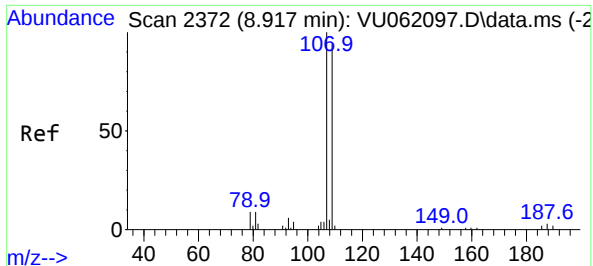
Tgt Ion: 43 Resp: 281852
Ion Ratio Lower Upper
43 100
58 63.2 47.5 71.3
57 23.8 15.6 23.4#
100 15.0 9.2 13.8#



#49
Dibromochloromethane
Concen: 11.929 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

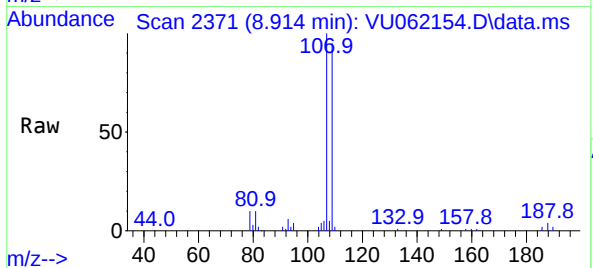
Tgt Ion: 129 Resp: 75069
Ion Ratio Lower Upper
129 100
127 78.0 51.1 94.9



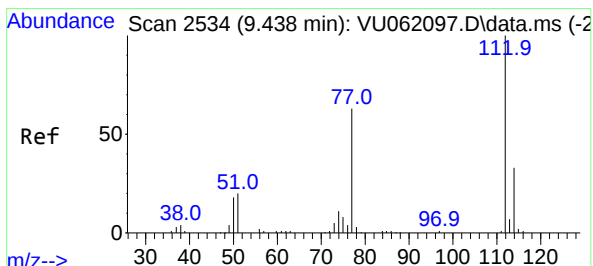
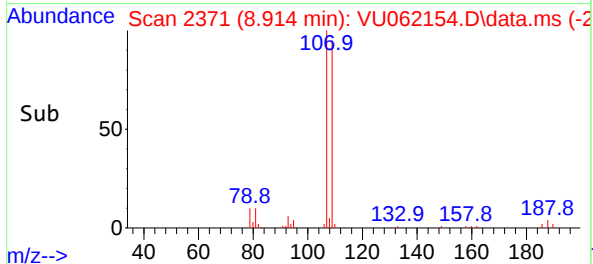
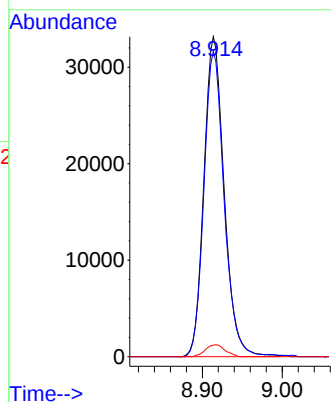


#50
1,2-Dibromoethane
Concen: 9.881 ug/L
RT: 8.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Instrument :
MSVOA_U
ClientSampleId :

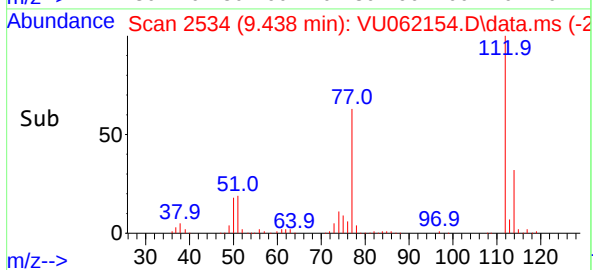
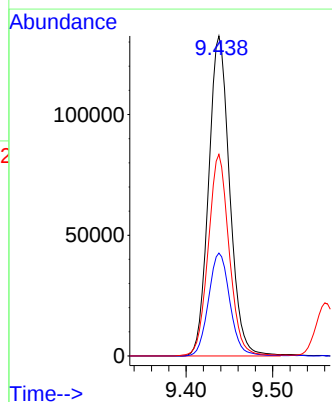
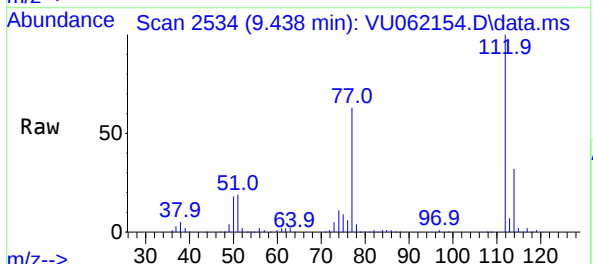


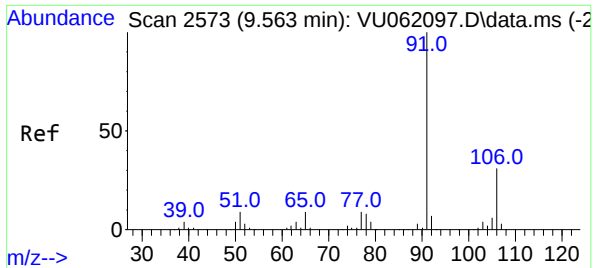
Tgt Ion:107 Resp: 58422
Ion Ratio Lower Upper
107 100
109 95.5 66.8 124.2
188 3.6 2.3 3.5#



#51
Chlorobenzene
Concen: 10.022 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion:112 Resp: 224182
Ion Ratio Lower Upper
112 100
114 32.2 23.0 42.6
77 63.0 50.5 75.7

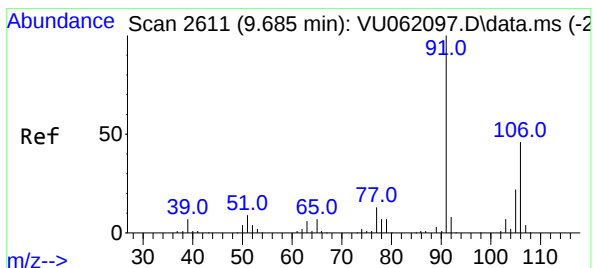
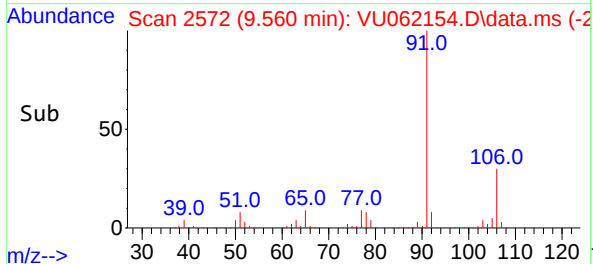
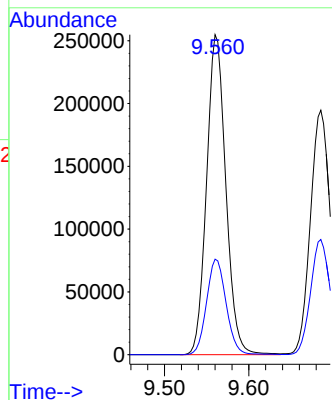
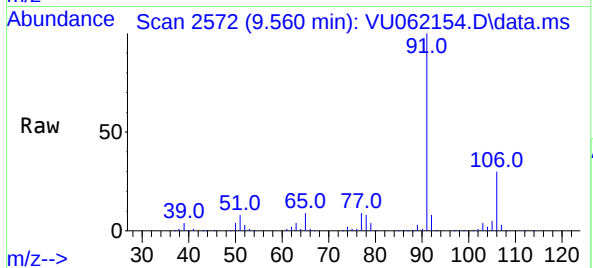




#52
Ethylbenzene
Concen: 10.361 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

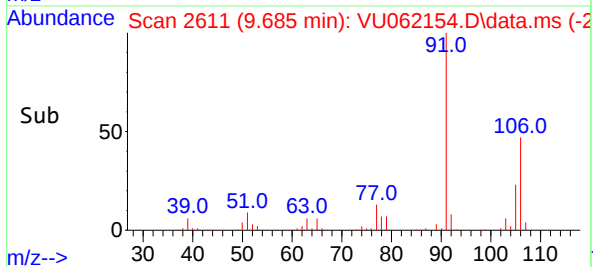
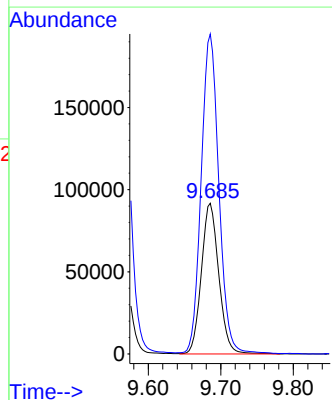
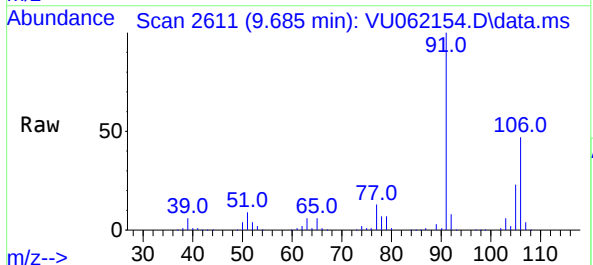
Instrument :
MSVOA_U
ClientSampleId :

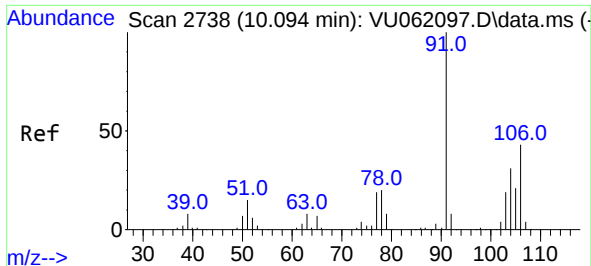
Tgt Ion: 91 Resp: 404989
Ion Ratio Lower Upper
91 100
106 29.8 21.6 40.0



#53
m,p-Xylene
Concen: 11.087 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 106 Resp: 152917
Ion Ratio Lower Upper
106 100
91 212.4 147.6 274.0

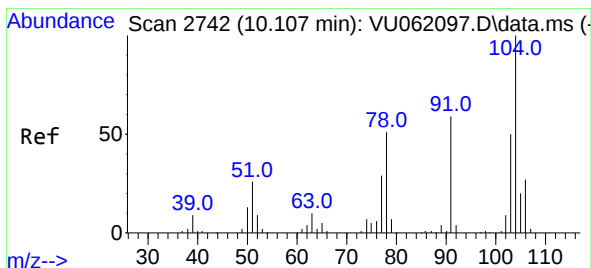
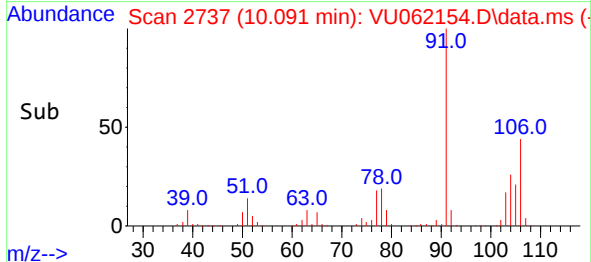
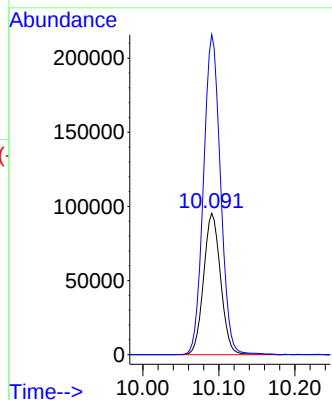
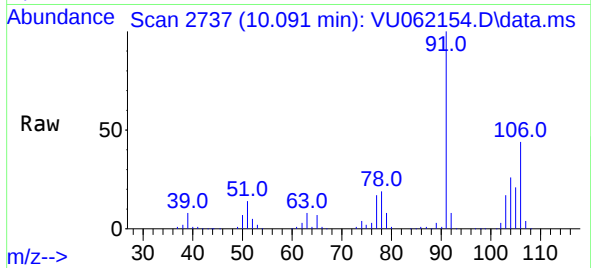




#54
o-Xylene
Concen: 10.645 ug/L
RT: 10.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

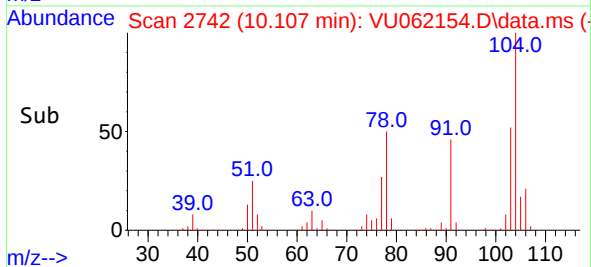
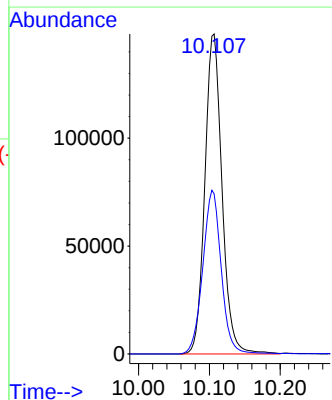
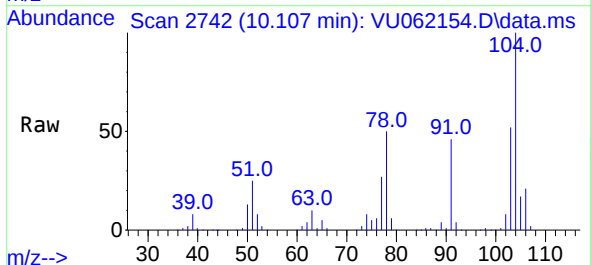
Instrument :
MSVOA_U
ClientSampleId :

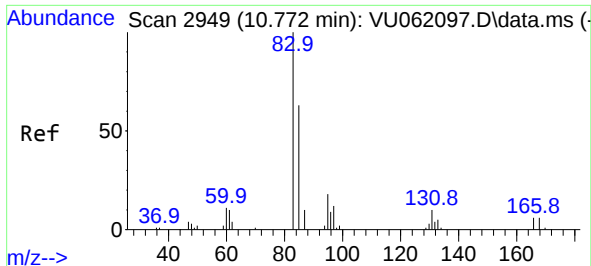
Tgt Ion:106 Resp: 148191
Ion Ratio Lower Upper
106 100
91 226.3 159.8 296.8



#55
Styrene
Concen: 10.894 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion:104 Resp: 249842
Ion Ratio Lower Upper
104 100
78 50.1 33.2 61.7

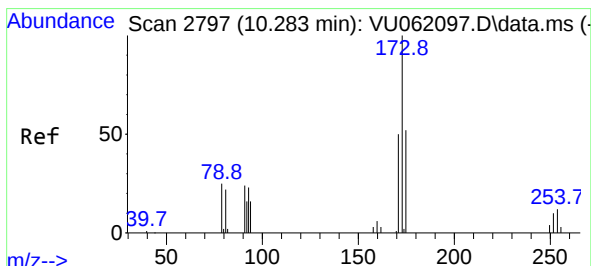
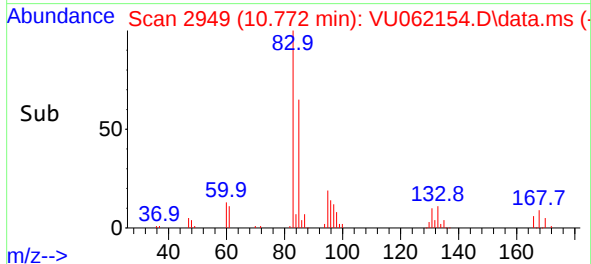
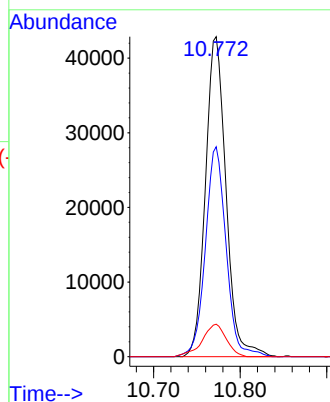
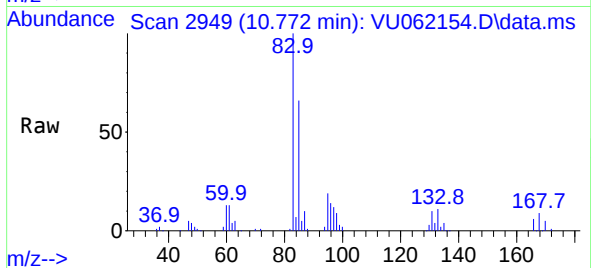




#57
1,1,2,2-Tetrachloroethane
Concen: 9.258 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

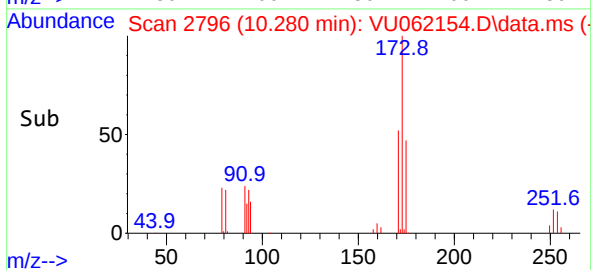
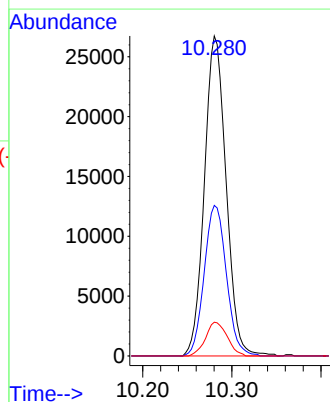
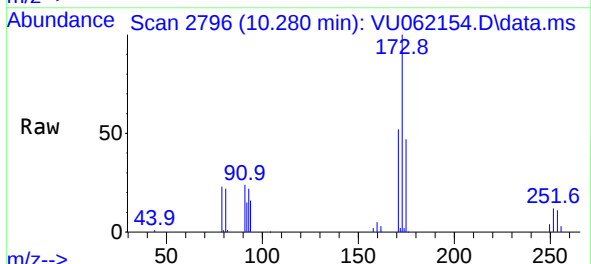
Instrument :
MSVOA_U
ClientSampleId :

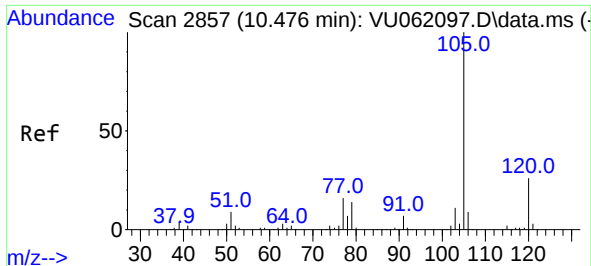
Tgt Ion:	83	Resp:	70676
Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.4	82.4
131	10.2	7.3	10.9



#59
Bromoform
Concen: 11.088 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion:	173	Resp:	45290
Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.0	58.4
254	10.5	7.4	11.0

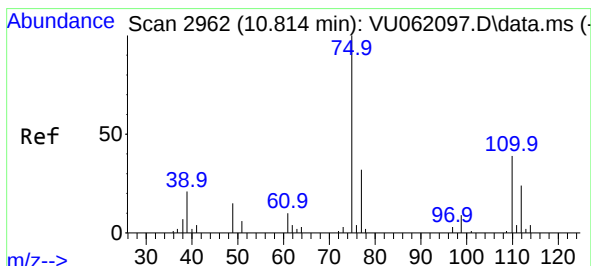
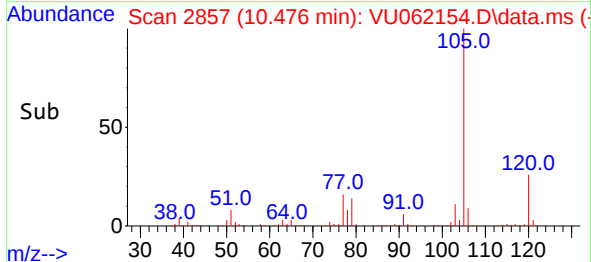
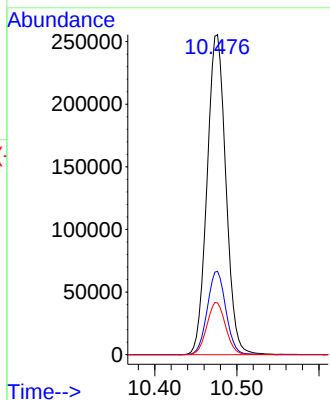
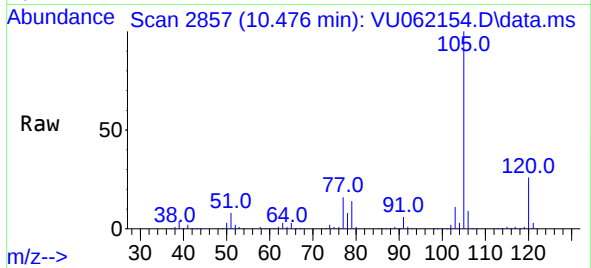




#60
Isopropylbenzene
Concen: 9.504 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

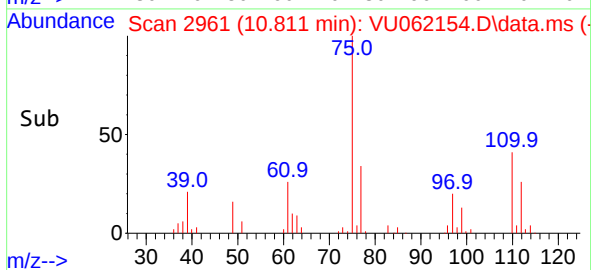
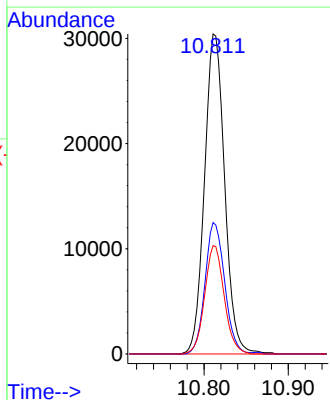
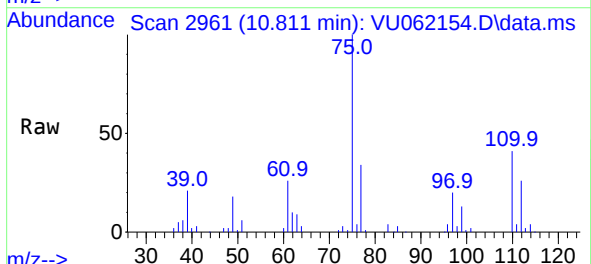
Instrument :
MSVOA_U
ClientSampleId :

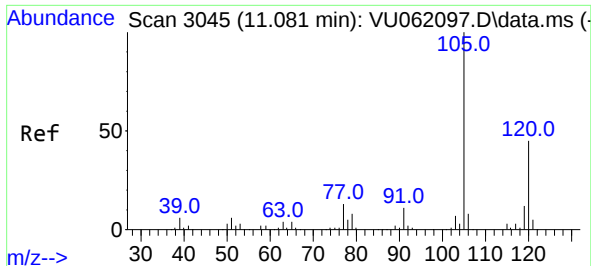
Tgt Ion:105 Resp: 407154
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 7.988 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion: 75 Resp: 50743
Ion Ratio Lower Upper
75 100
110 39.9 28.9 43.3
77 32.7 26.5 39.7

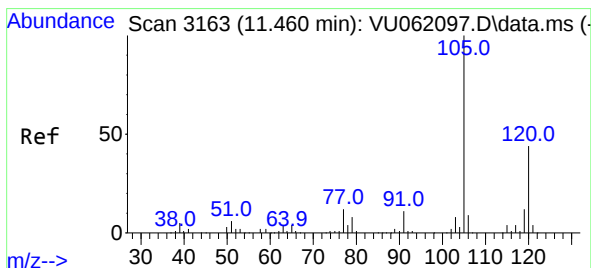
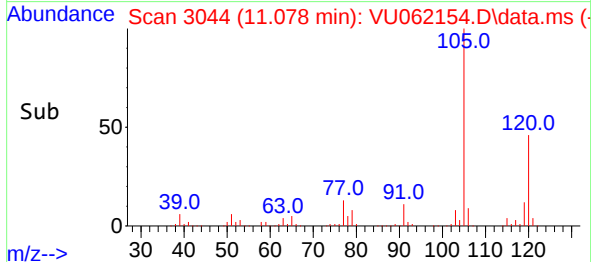
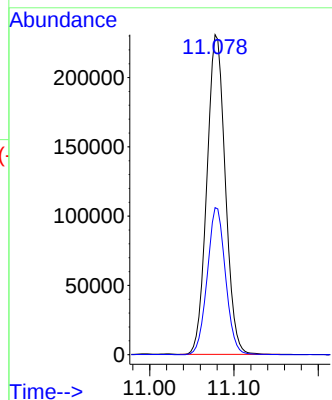
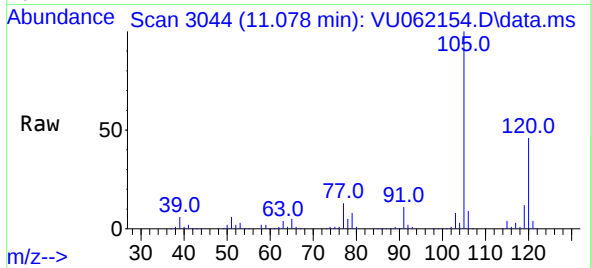




#62
1,3,5-Trimethylbenzene
Concen: 10.263 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

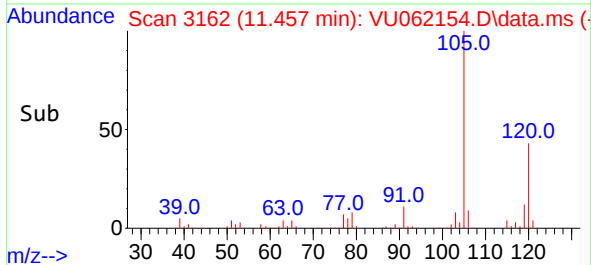
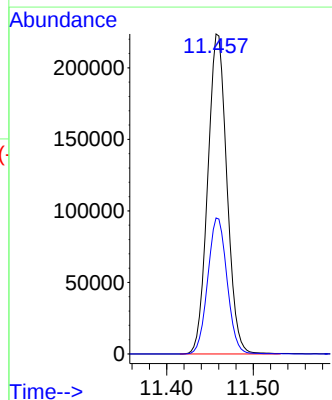
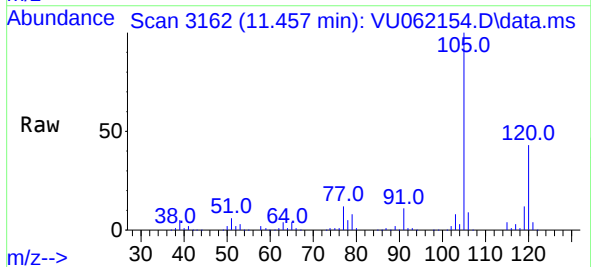
Instrument :
MSVOA_U
ClientSampleId :

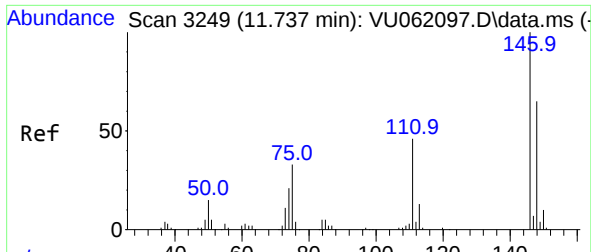
Tgt Ion:105 Resp: 350772
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 10.087 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

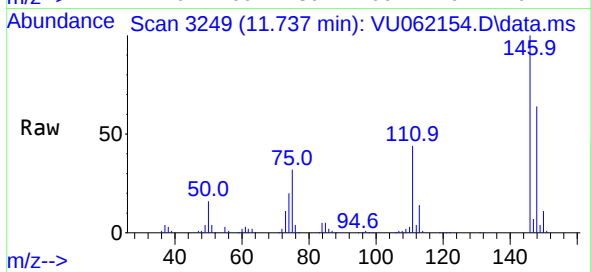
Tgt Ion:105 Resp: 343719
Ion Ratio Lower Upper
105 100
120 42.8 34.7 52.1



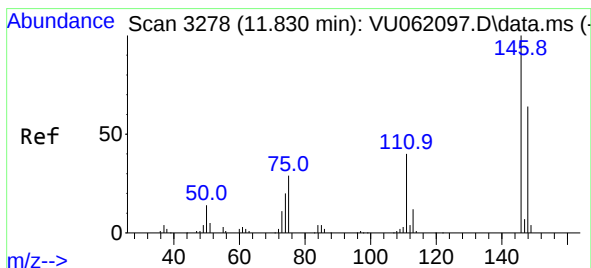
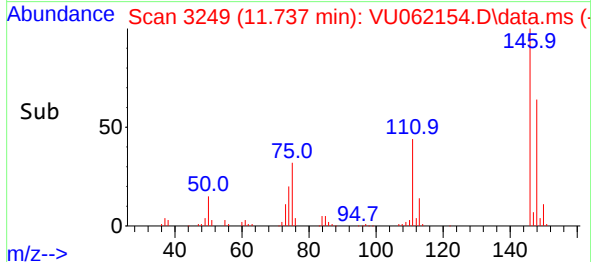
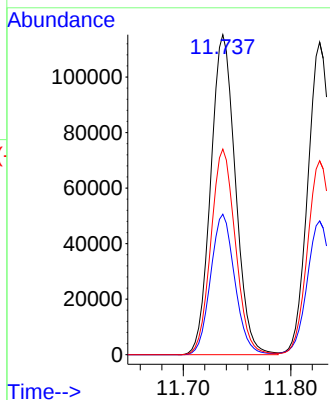


#64
1,3-Dichlorobenzene
Concen: 9.668 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Instrument :
MSVOA_U
ClientSampleId :

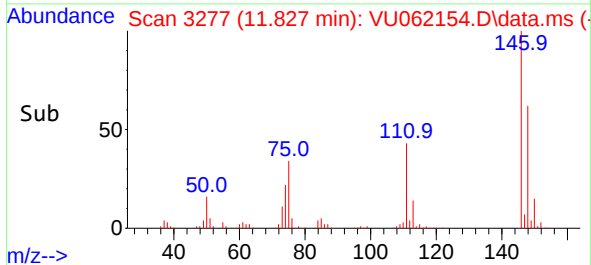
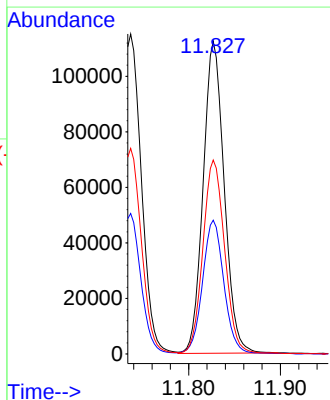
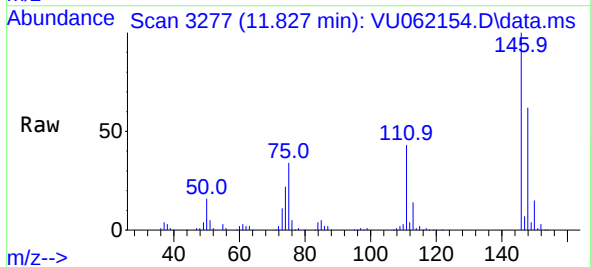


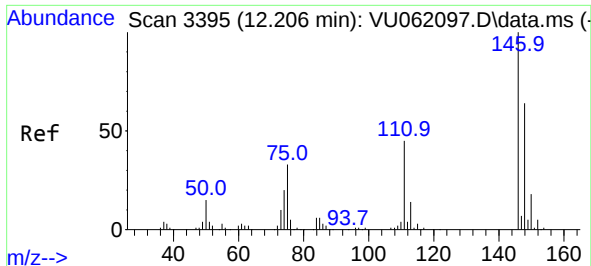
Tgt Ion:146 Resp: 183875
Ion Ratio Lower Upper
146 100
111 43.9 30.7 57.1
148 64.3 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 9.733 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion:146 Resp: 179169
Ion Ratio Lower Upper
146 100
111 42.8 29.3 54.3
148 62.0 44.6 82.8

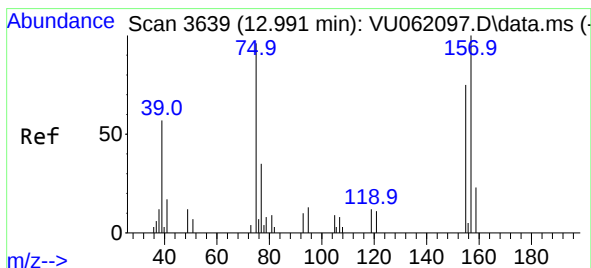
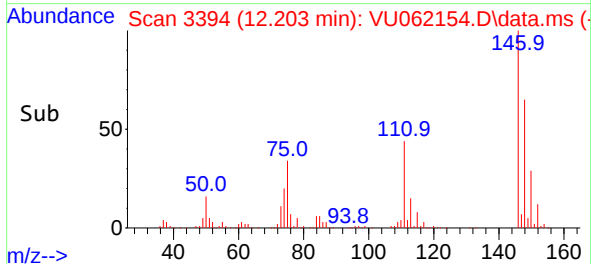
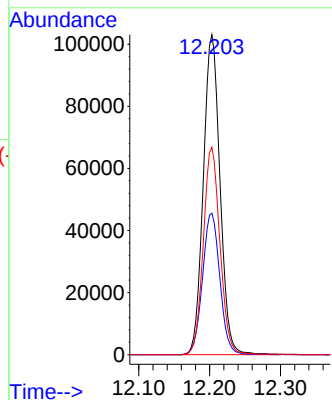
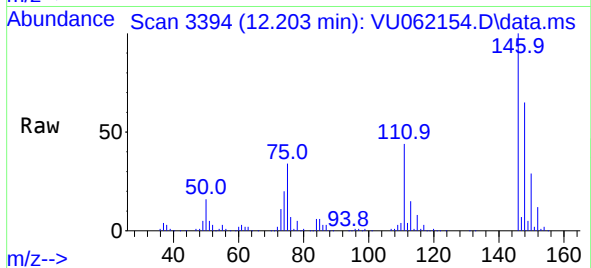




#67
1,2-Dichlorobenzene
Concen: 10.206 ug/L
RT: 12.203 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

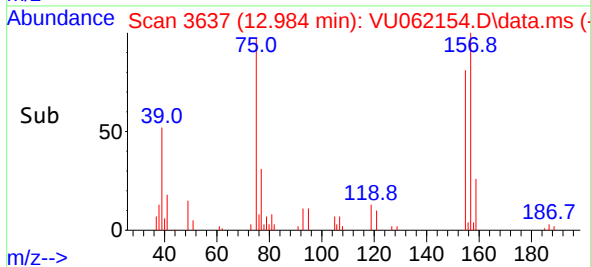
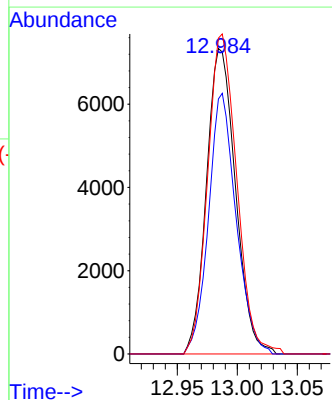
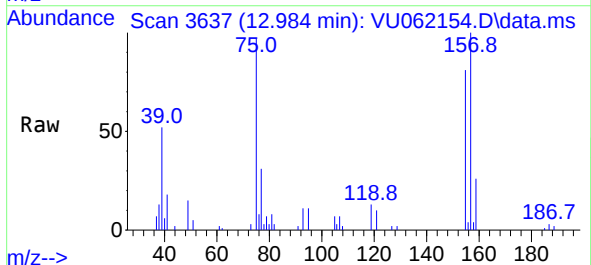
Instrument :
MSVOA_U
ClientSampleId :

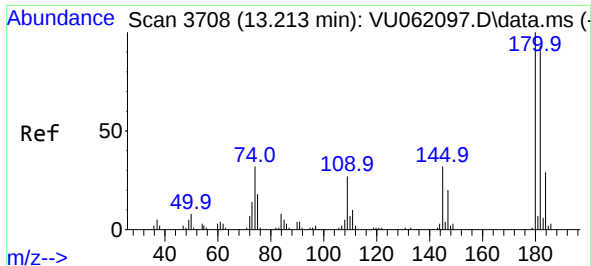
Tgt Ion:146 Resp: 168822
Ion Ratio Lower Upper
146 100
111 44.2 36.0 54.0
148 64.8 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 11.394 ug/L
RT: 12.984 min Scan# 3637
Delta R.T. -0.006 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

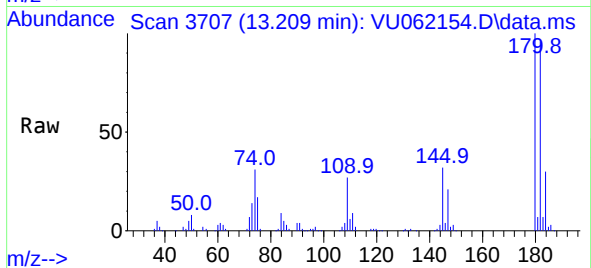
Tgt Ion: 75 Resp: 12352
Ion Ratio Lower Upper
75 100
155 83.5 55.2 82.8#
157 103.4 73.5 110.3



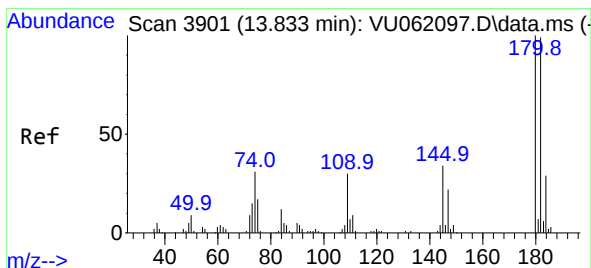
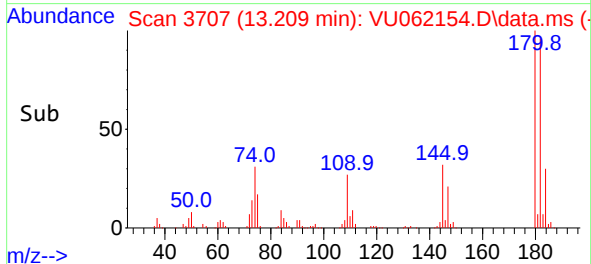
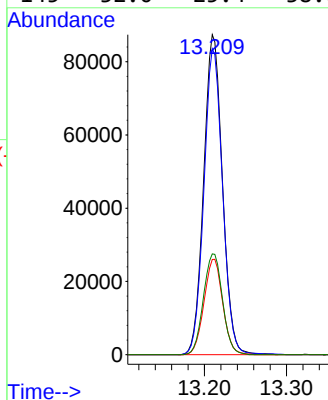


#69
1,3,5-Trichlorobenzene
Concen: 12.265 ug/L
RT: 13.209 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

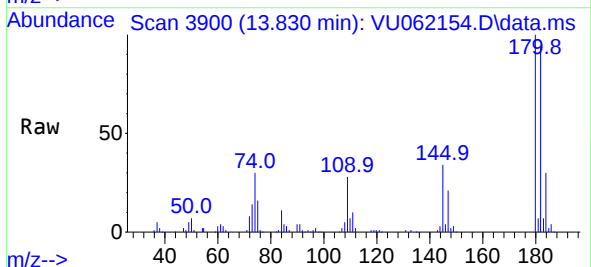
Instrument :
MSVOA_U
ClientSampleId :



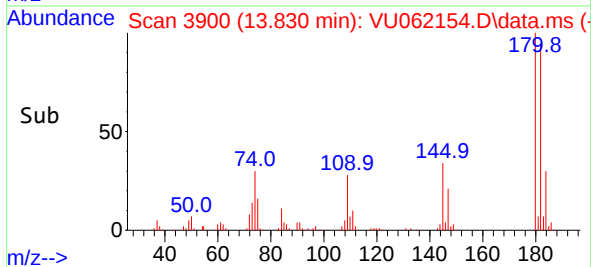
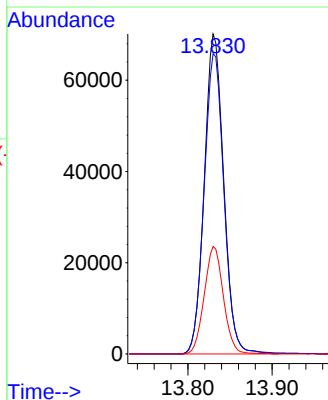
Tgt Ion:180 Resp: 138809
Ion Ratio Lower Upper
180 100
182 95.0 76.7 115.1
184 29.8 24.8 37.2
145 32.0 25.4 38.0

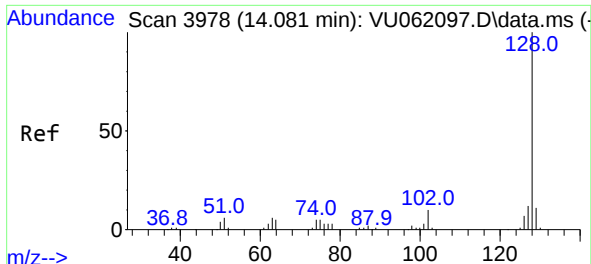


#70
1,2,4-trichlorobenzene
Concen: 12.968 ug/L
RT: 13.830 min Scan# 3900
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33



Tgt Ion:180 Resp: 112479
Ion Ratio Lower Upper
180 100
182 96.0 74.5 111.7
145 33.1 25.6 38.4

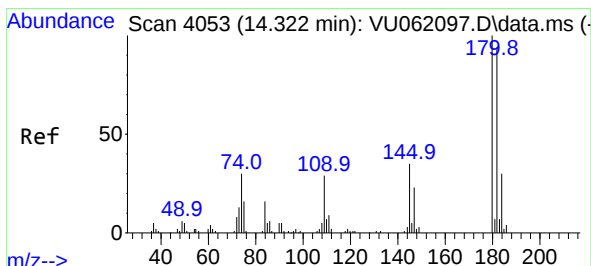
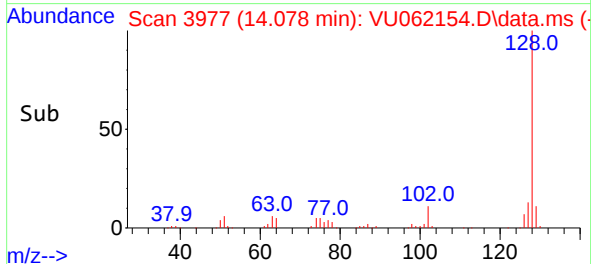
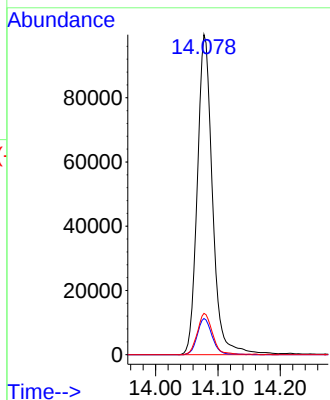
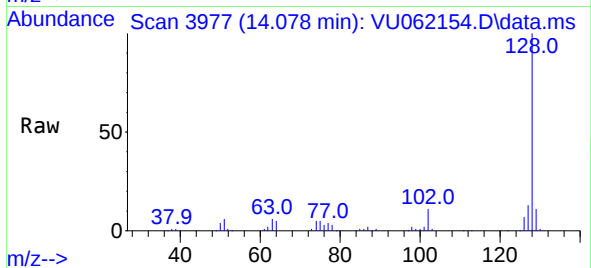




#71
Naphthalene
Concen: 12.059 ug/L
RT: 14.078 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 168587
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 12.728 ug/L
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062154.D
Acq: 09 Dec 2024 12:33

Tgt Ion:180 Resp: 95082
Ion Ratio Lower Upper
180 100
182 96.3 76.1 114.1
145 34.9 27.4 41.0

