

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060774.D
 Acq On : 16 Sep 2024 11:14
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:10:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:09:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	14081	1.227	ug/L	0.00
7) Chloroethane-d5	1.911	69	9655	0.926	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	4693	1.013	ug/L	0.00
20) 2-Butanone-d5	4.656	46	9995	4.432	ug/L	0.02
24) Chloroform-d	5.058	84	20438	0.922	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	10694	1.002	ug/L	0.00
32) Benzene-d6	5.724	84	40308	0.906	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	12300	0.891	ug/L	0.00
41) Toluene-d8	7.894	98	34302	0.825	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	3767	0.845	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	14445	7.942	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	9949	0.879	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	11014	0.833	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	11919	0.911	ug/L	96
3) Chloromethane	1.518	50	12596	0.912	ug/L	95
5) Vinyl chloride	1.602	62	13140	0.857	ug/L	95
6) Bromomethane	1.856	94	8674	0.817	ug/L	98
8) Chloroethane	1.933	64	8579	0.933	ug/L	94
9) Trichlorofluoromethane	2.136	101	18544	0.982	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	10757	0.905	ug/L	96
12) 1,1-Dichloroethene	2.576	96	9652	0.886	ug/L	94
13) Acetone	2.656	43	11552	7.809	ug/L	99
14) Carbon disulfide	2.792	76	26442	0.752	ug/L	99
15) Methyl Acetate	2.962	43	1656	0.443	ug/L #	79
16) Methylene chloride	3.039	84	11638	0.898	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	20090	0.848	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	9916	0.885	ug/L	97
19) 1,1-Dichloroethane	3.859	63	19549	0.926	ug/L	92
21) 2-Butanone	4.743	43	17260	7.383	ug/L	76
22) cis-1,2-Dichloroethene	4.666	96	10986	0.883	ug/L	89
23) Bromochloromethane	4.968	128	5153	0.904	ug/L	96
25) Chloroform	5.084	83	21221	0.958	ug/L	93
27) 1,2-Dichloroethane	5.791	62	11875	0.893	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	16763	0.900	ug/L	97
30) Cyclohexane	5.380	56	12058	0.748	ug/L	97
31) Carbon tetrachloride	5.515	117	14707	0.929	ug/L	99
33) Benzene	5.769	78	40866	0.840	ug/L	100
34) Trichloroethene	6.537	95	11069	0.843	ug/L	95
35) Methylcyclohexane	6.753	83	13340	0.722	ug/L	97
37) 1,2-Dichloropropane	6.785	63	11367	0.895	ug/L	100
38) Bromodichloromethane	7.100	83	14569	0.923	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	13035	0.756	ug/L	87
40) 4-Methyl-2-pentanone	7.788	43	49243	8.327	ug/L	95
42) Toluene	7.965	91	40225	0.780	ug/L	95
44) trans-1,3-Dichloropropene	8.209	75	11970	0.858	ug/L	97

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Instrument :
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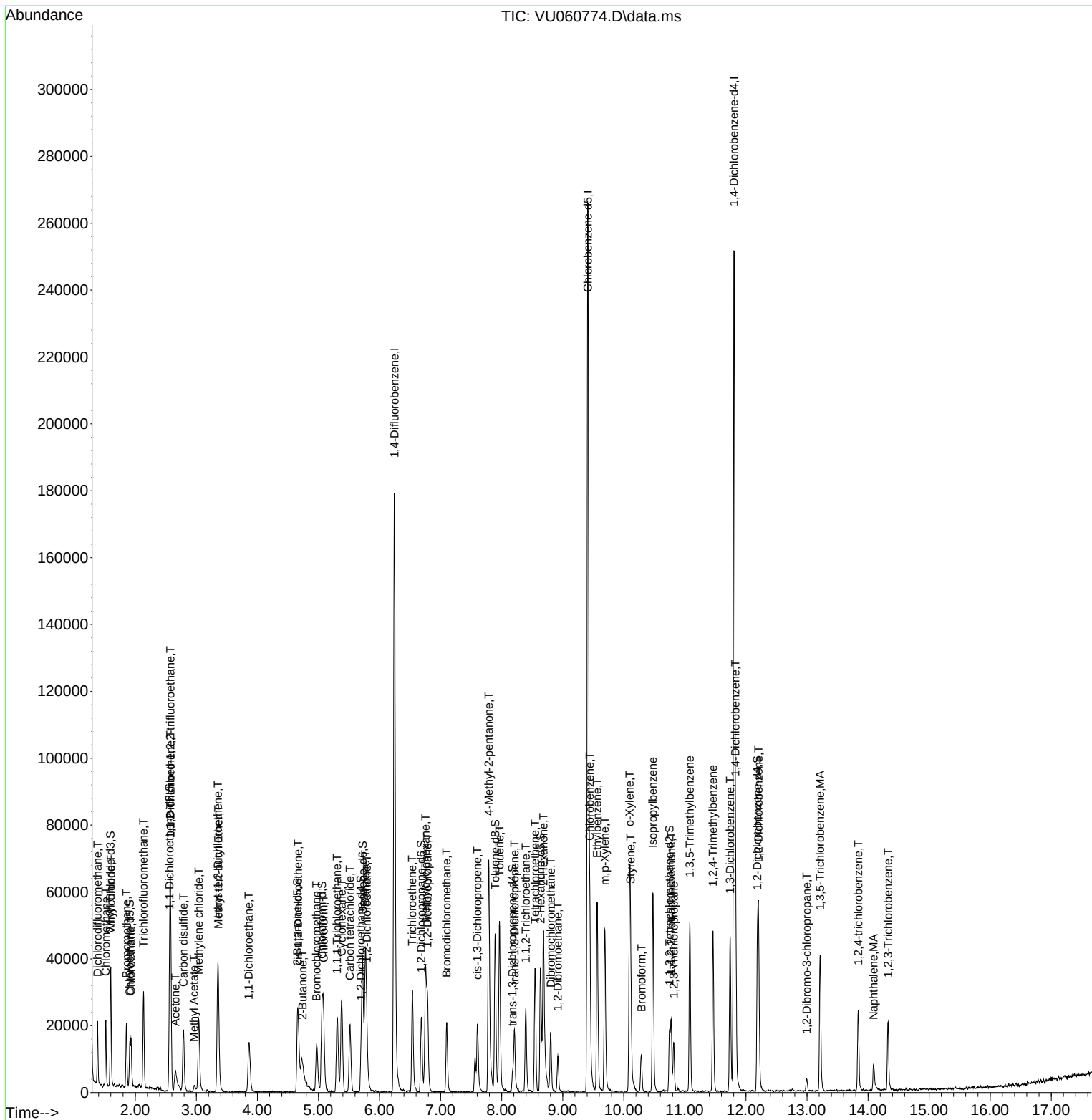
Quant Time: Sep 17 01:10:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:09:32 2024
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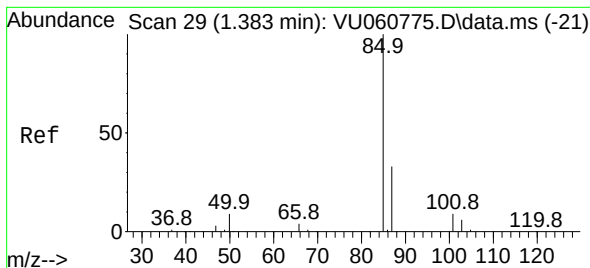
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	8796	0.948	ug/L	93
47) Tetrachloroethene	8.547	164	9295	0.914	ug/L	96
48) 2-Hexanone	8.685	43	33495	7.909	ug/L	96
49) Dibromochloromethane	8.804	129	9702	0.933	ug/L	99
50) 1,2-Dibromoethane	8.920	107	7052	0.820	ug/L #	96
51) Chlorobenzene	9.444	112	29021	0.885	ug/L	95
52) Ethylbenzene	9.563	91	41320	0.783	ug/L	96
53) m,p-Xylene	9.688	106	14616	0.720	ug/L	97
54) o-Xylene	10.097	106	15356	0.794	ug/L	95
55) Styrene	10.113	104	23121	0.707	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	10670	0.937	ug/L #	95
59) Bromoform	10.290	173	5460	0.961	ug/L	99
60) Isopropylbenzene	10.476	105	38697	0.846	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	6993	1.026	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	28523	0.792	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	26100	0.753	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	21245	0.908	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	22354	0.934	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	20178	0.919	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	1316	0.976	ug/L #	60
69) 1,3,5-Trichlorobenzene	13.216	180	15245	0.881	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	8853	0.678	ug/L	99
71) Naphthalene	14.090	128	10224	0.555	ug/L	95
72) 1,2,3-Trichlorobenzene	14.328	180	8025	0.666	ug/L	92

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

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QLast Update : Tue Sep 17 01:09:32 2024
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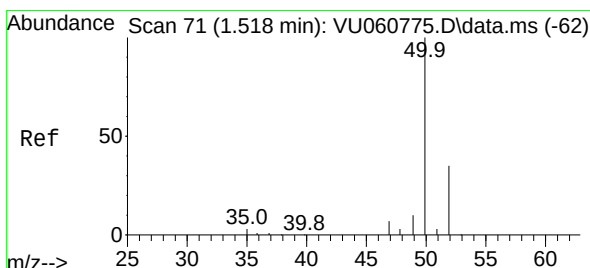
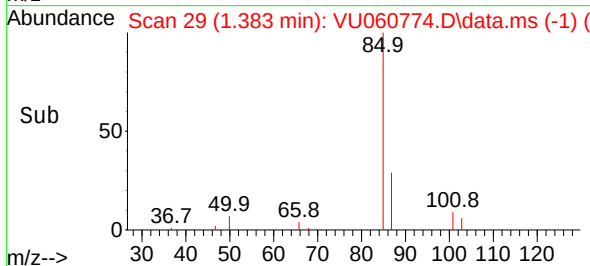
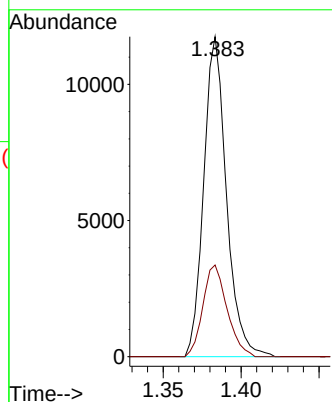
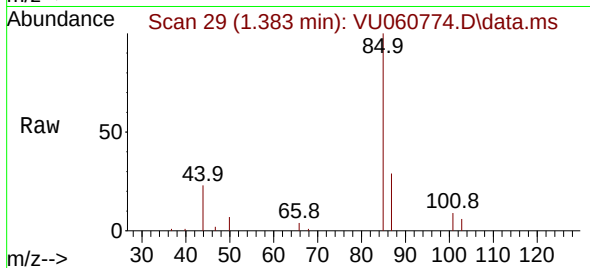




#2
 Dichlorodifluoromethane
 Concen: 0.911 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060774.D
 Acq: 16 Sep 2024 11:14

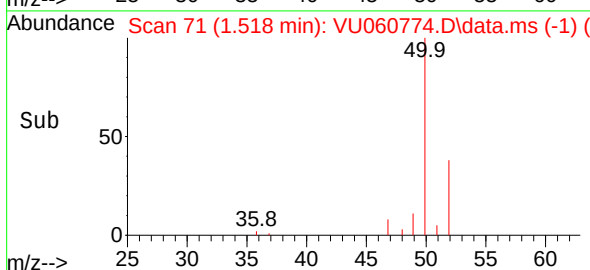
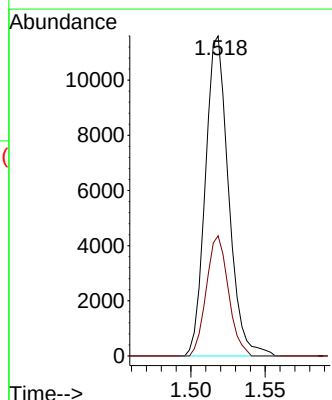
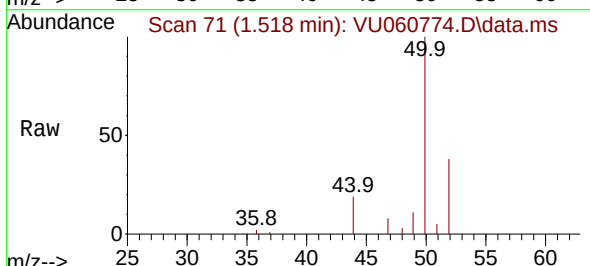
Instrument :
 MSVOA_U
 ClientSampleId :

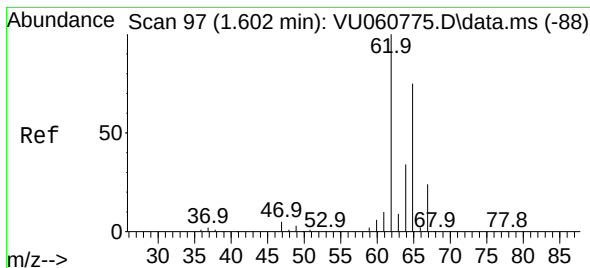
Tgt Ion: 85 Resp: 11919
 Ion Ratio Lower Upper
 85 100
 87 30.4 26.2 39.2



#3
 Chloromethane
 Concen: 0.912 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060774.D
 Acq: 16 Sep 2024 11:14

Tgt Ion: 50 Resp: 12596
 Ion Ratio Lower Upper
 50 100
 52 37.6 24.4 45.4





#5

Vinyl chloride

Concen: 0.857 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

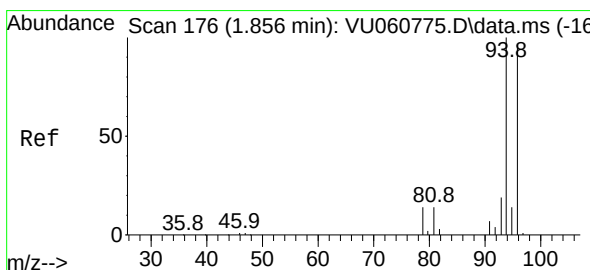
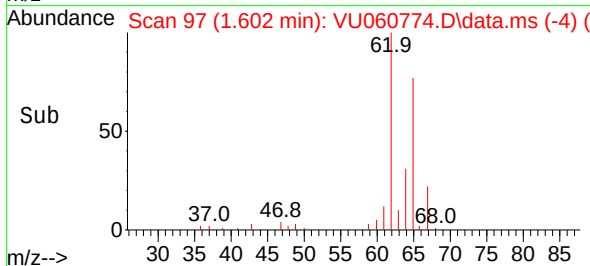
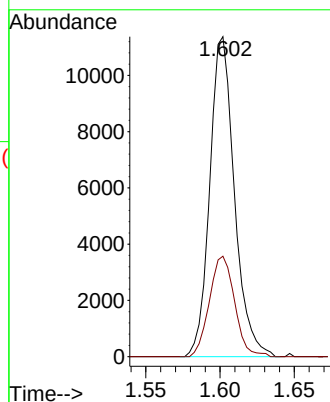
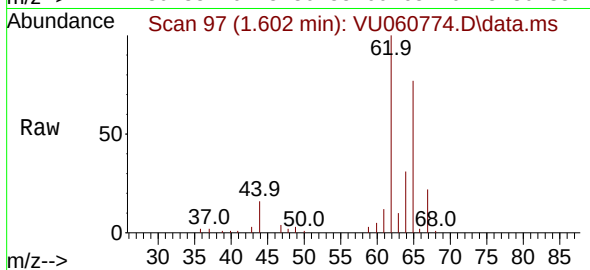
ClientSampleId :

Tgt Ion: 62 Resp: 13140

Ion Ratio Lower Upper

62 100

64 31.4 24.0 44.6



#6

Bromomethane

Concen: 0.817 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060774.D

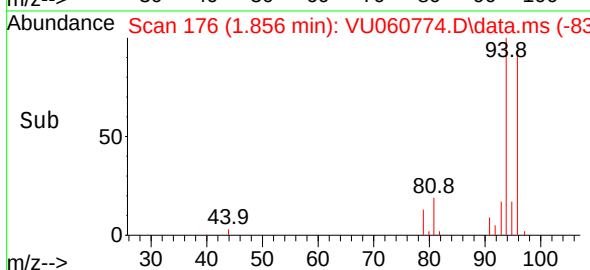
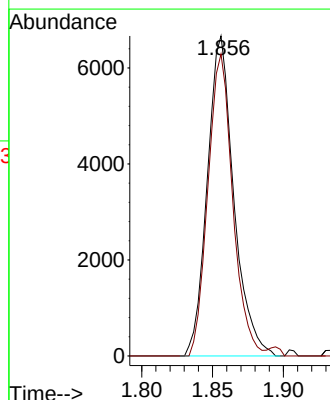
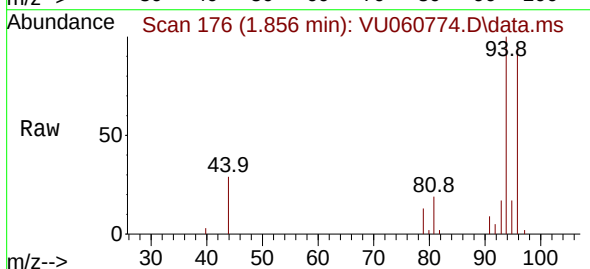
Acq: 16 Sep 2024 11:14

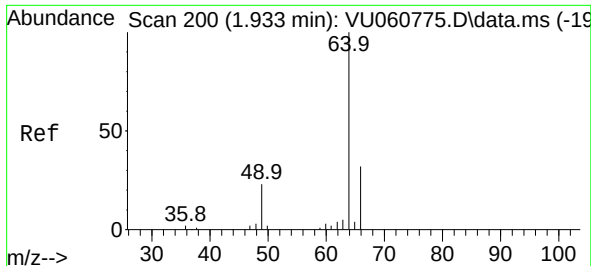
Tgt Ion: 94 Resp: 8674

Ion Ratio Lower Upper

94 100

96 94.4 67.3 124.9

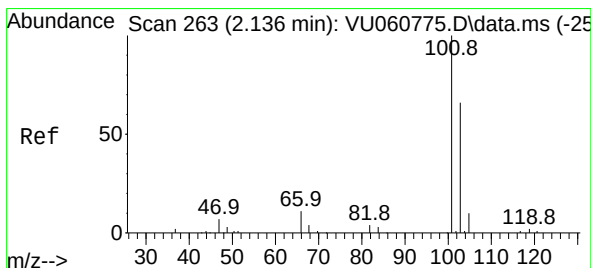
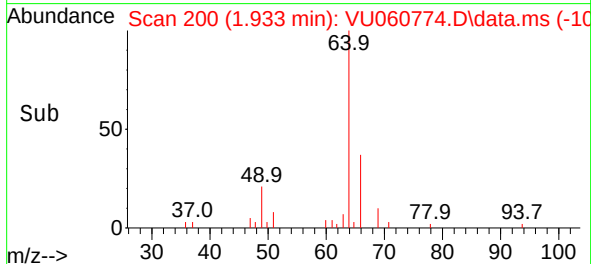
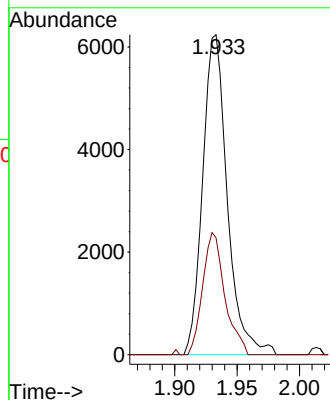
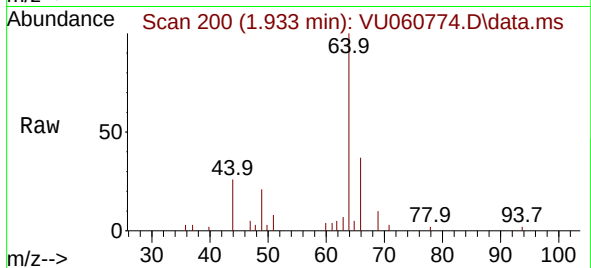




#8
Chloroethane
Concen: 0.933 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

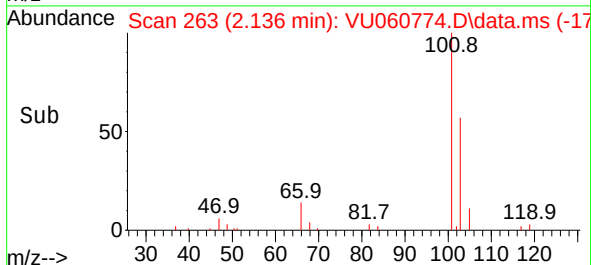
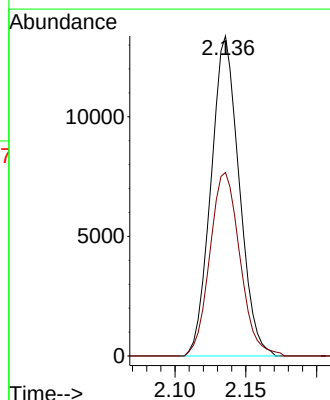
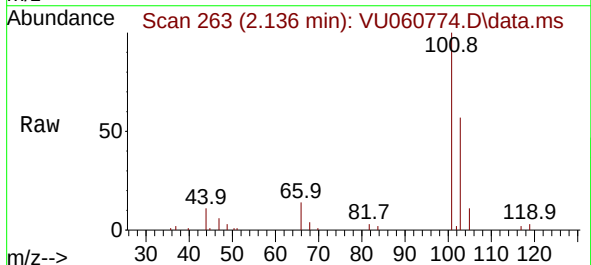
Instrument :
MSVOA_U
ClientSampleId :

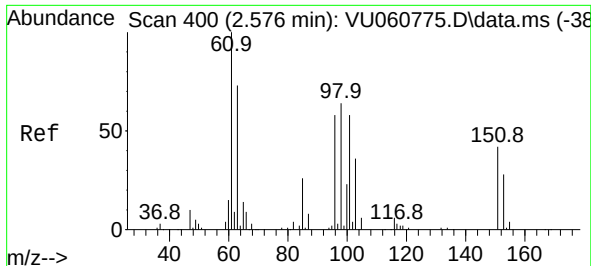
Tgt Ion: 64 Resp: 8579
Ion Ratio Lower Upper
64 100
66 34.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 0.982 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion:101 Resp: 18544
Ion Ratio Lower Upper
101 100
103 61.2 51.4 77.2

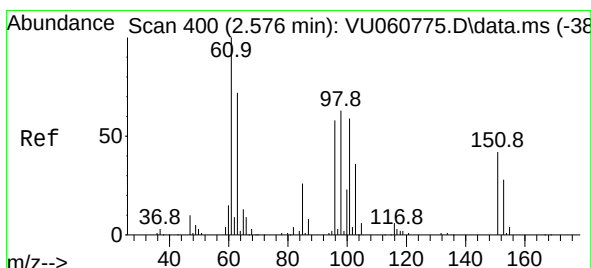
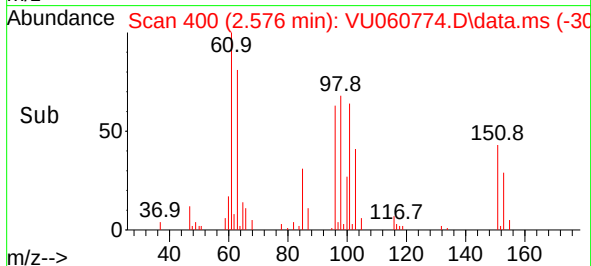
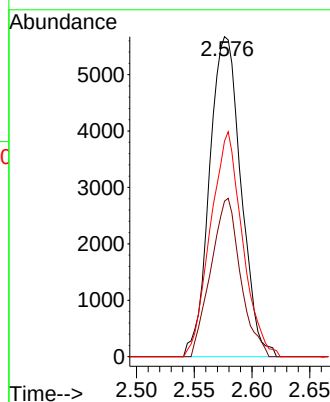
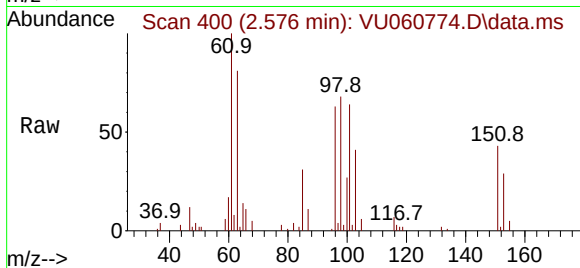




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.905 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060774.D
 Acq: 16 Sep 2024 11:14

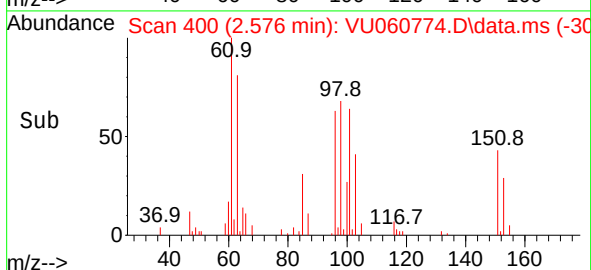
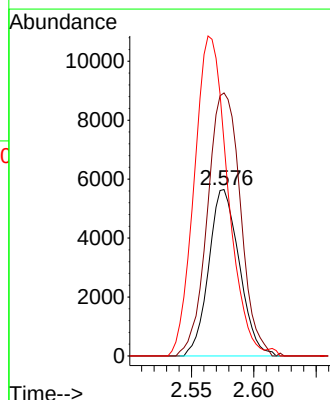
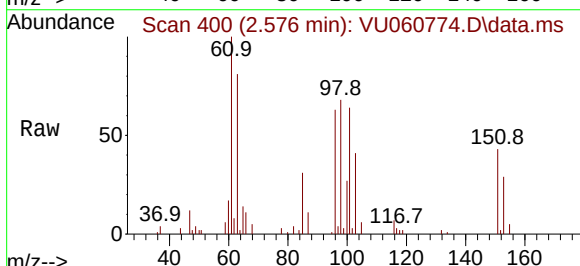
Instrument :
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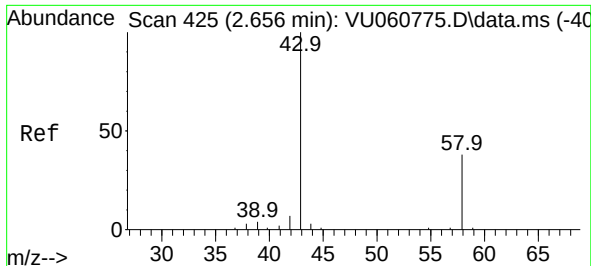
Tgt Ion:	101	Resp:	10757
Ion	Ratio	Lower	Upper
101	100		
85	46.6	34.2	51.4
151	71.5	58.6	88.0



#12
 1,1-Dichloroethene
 Concen: 0.886 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060774.D
 Acq: 16 Sep 2024 11:14

Tgt Ion:	96	Resp:	9652
Ion	Ratio	Lower	Upper
96	100		
61	158.1	120.7	224.1
63	128.4	90.0	167.2





#13

Acetone

Concen: 7.809 ug/L

RT: 2.656 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

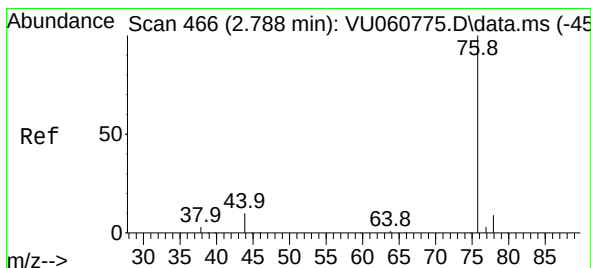
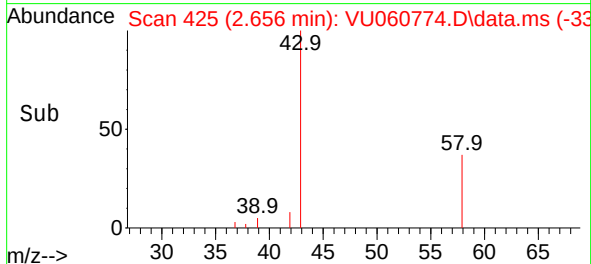
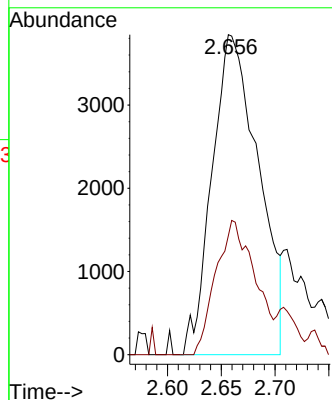
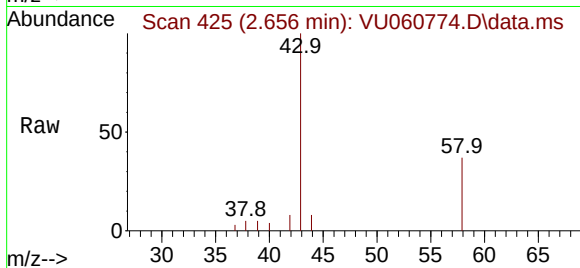
ClientSampleId :

Tgt Ion: 43 Resp: 11552

Ion Ratio Lower Upper

43 100

58 35.5 0.0 69.6



#14

Carbon disulfide

Concen: 0.752 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU060774.D

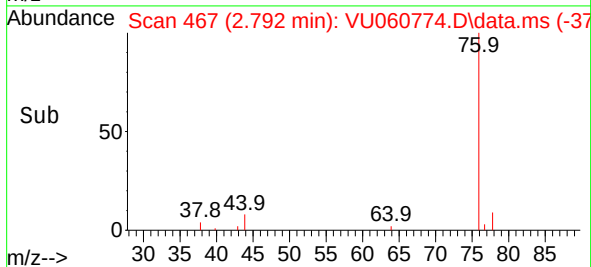
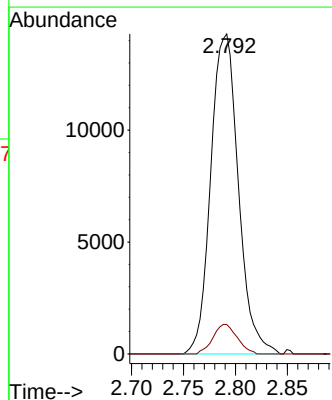
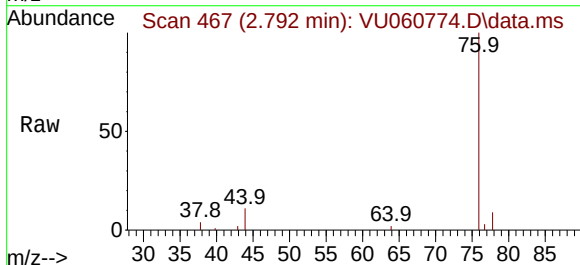
Acq: 16 Sep 2024 11:14

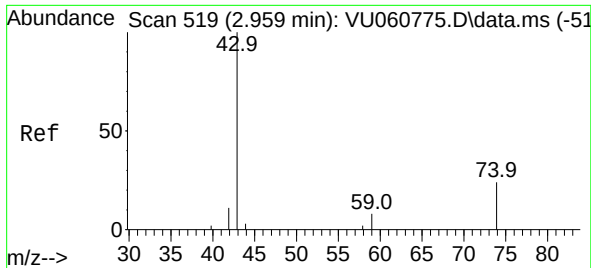
Tgt Ion: 76 Resp: 26442

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

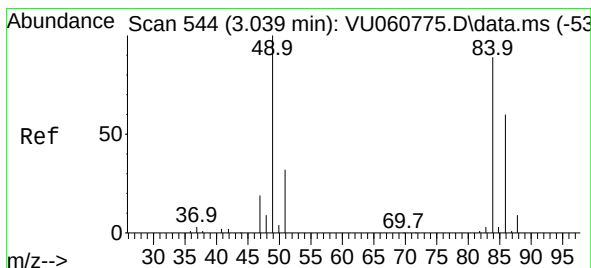
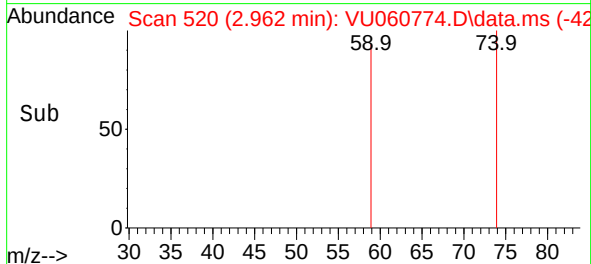
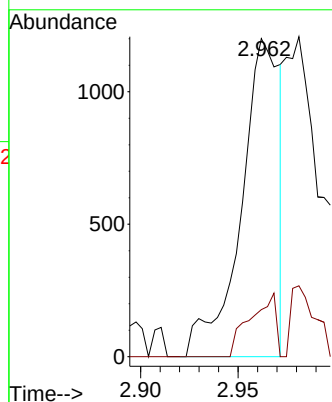
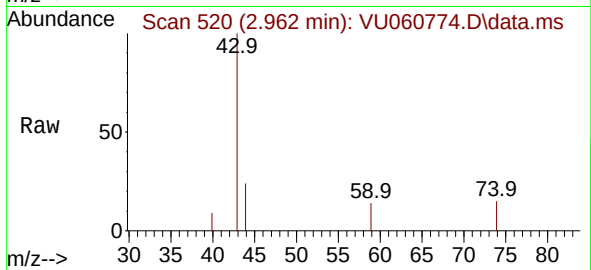




#15
Methyl Acetate
Concen: 0.443 ug/L
RT: 2.962 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

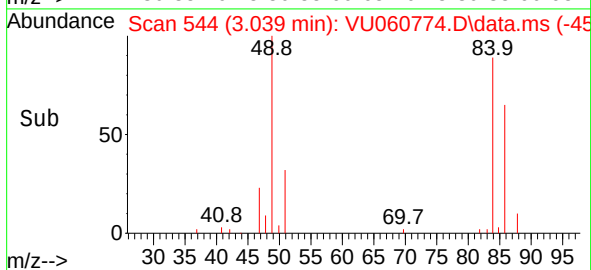
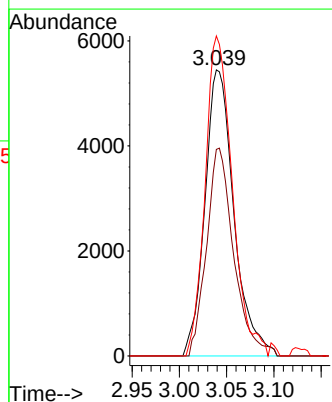
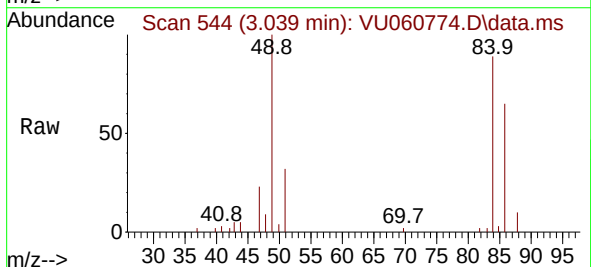
Instrument :
MSVOA_U
ClientSampleId :

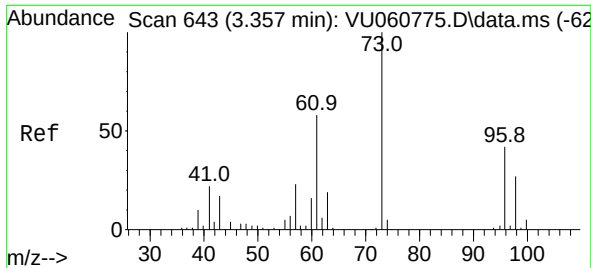
Tgt Ion: 43 Resp: 1656
Ion Ratio Lower Upper
43 100
74 13.2 18.9 28.3#



#16
Methylene chloride
Concen: 0.898 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion: 84 Resp: 11638
Ion Ratio Lower Upper
84 100
86 72.2 47.3 87.8
49 111.9 78.7 146.1

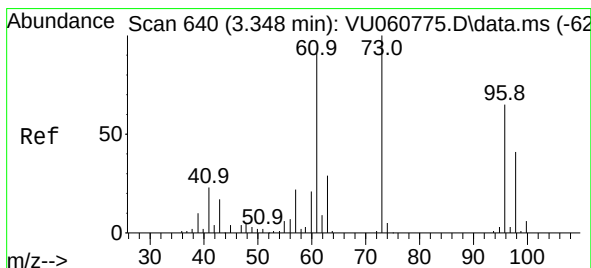
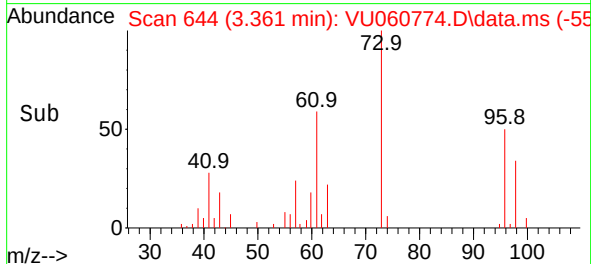
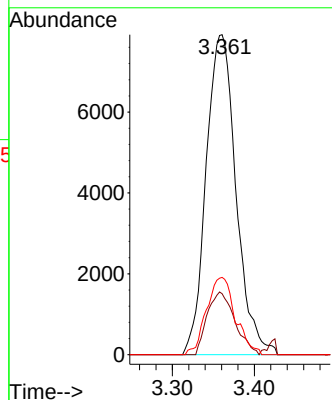
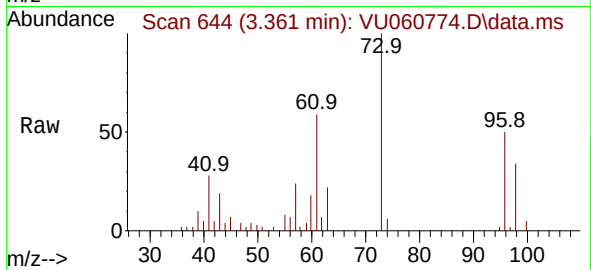




#17
Methyl tert-butyl Ether
Concen: 0.848 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

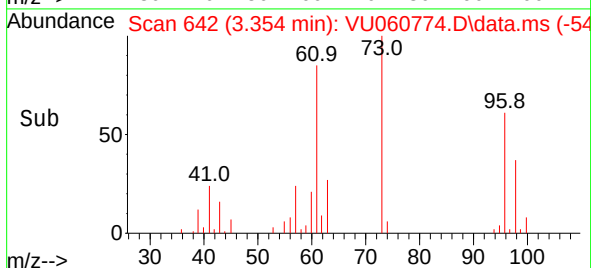
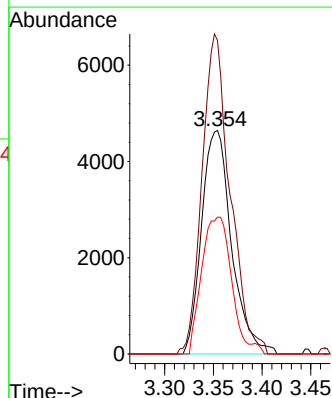
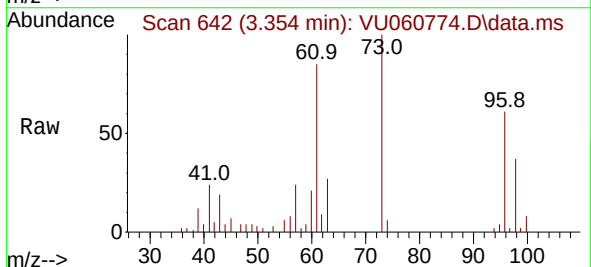
Instrument :
MSVOA_U
ClientSampleId :

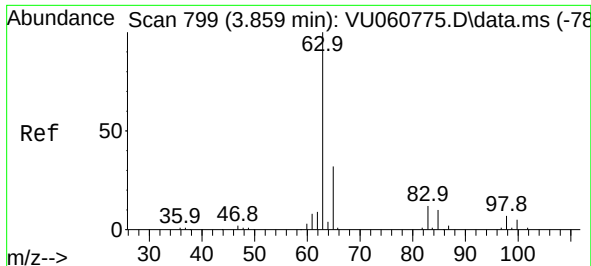
Tgt Ion: 73 Resp: 20090
Ion Ratio Lower Upper
73 100
43 18.1 13.8 20.8
57 23.3 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 0.885 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion: 96 Resp: 9916
Ion Ratio Lower Upper
96 100
61 135.1 97.2 180.6
98 59.0 43.3 80.5

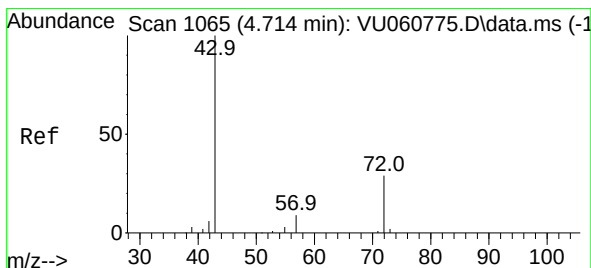
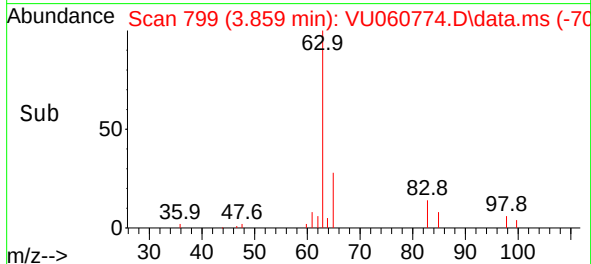
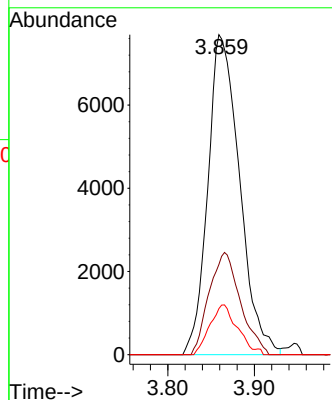
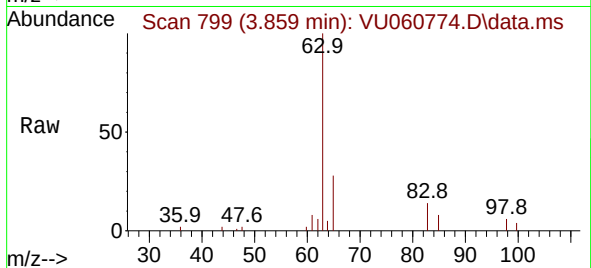




#19
1,1-Dichloroethane
Concen: 0.926 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

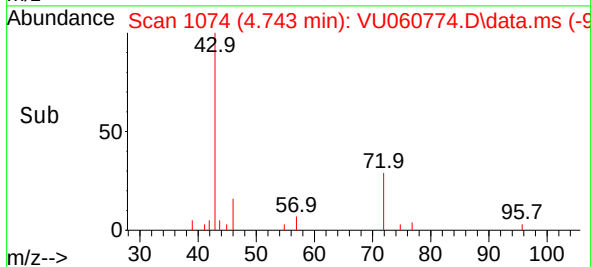
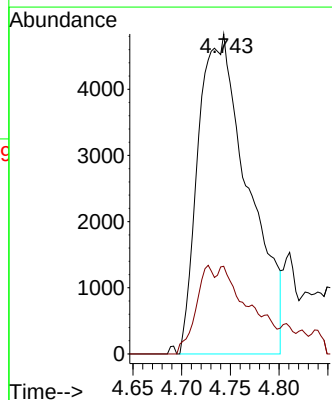
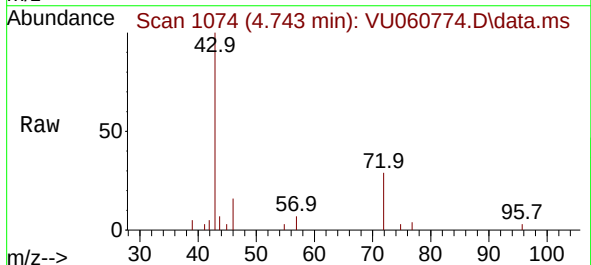
Instrument :
MSVOA_U
ClientSampleId :

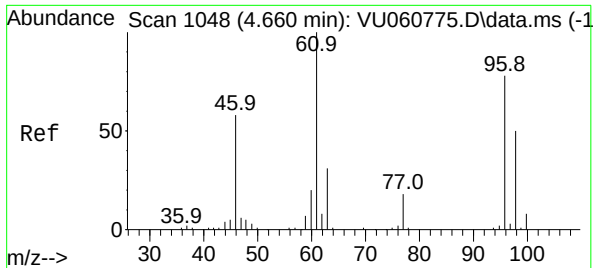
Tgt Ion: 63 Resp: 19549
Ion Ratio Lower Upper
63 100
65 26.9 23.0 42.8
83 13.8 9.0 16.6



#21
2-Butanone
Concen: 7.383 ug/L
RT: 4.743 min Scan# 1074
Delta R.T. 0.029 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion: 43 Resp: 17260
Ion Ratio Lower Upper
43 100
72 16.7 14.8 44.3



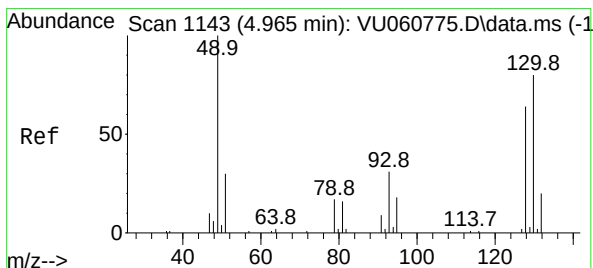
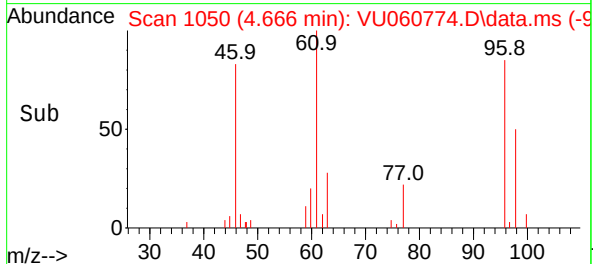
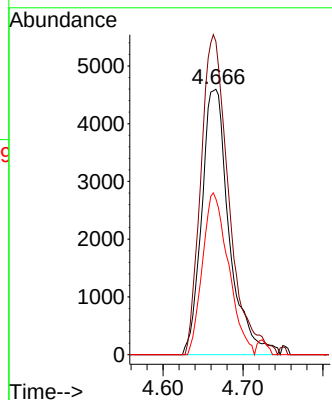
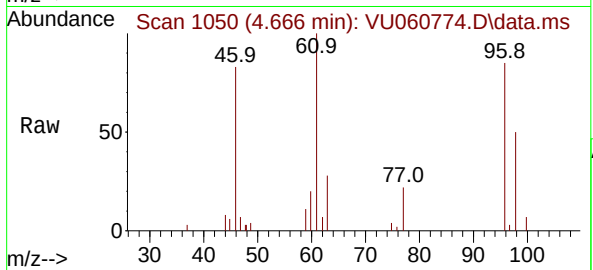


#22
 cis-1,2-Dichloroethene
 Concen: 0.883 ug/L
 RT: 4.666 min Scan# 1048
 Delta R.T. 0.007 min
 Lab File: VU060774.D
 Acq: 16 Sep 2024 11:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 10986

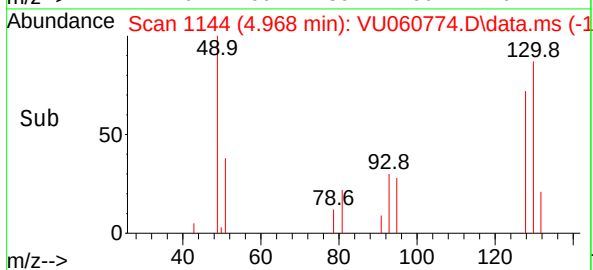
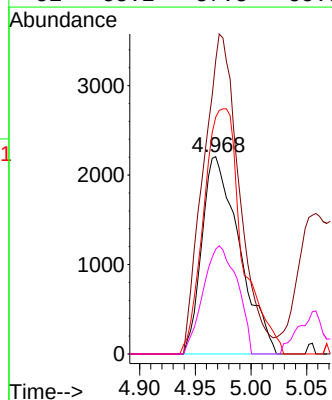
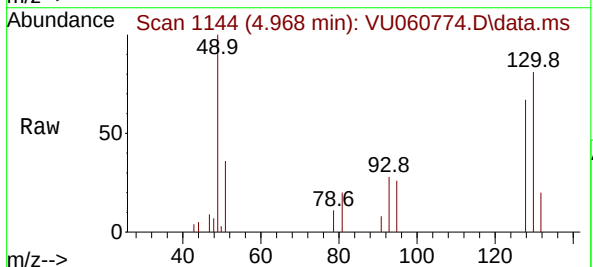
Ion	Ratio	Lower	Upper
96	100		
61	114.0	89.7	166.5
98	56.7	45.1	83.9

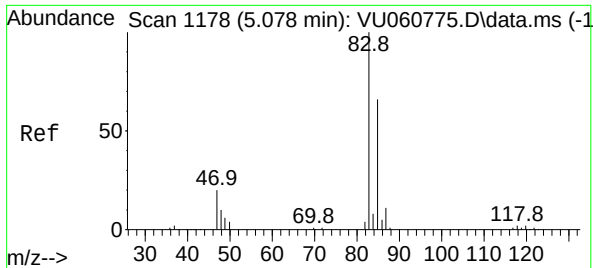


#23
 Bromochloromethane
 Concen: 0.904 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU060774.D
 Acq: 16 Sep 2024 11:14

Tgt Ion: 128 Resp: 5153

Ion	Ratio	Lower	Upper
128	100		
49	153.4	109.6	203.6
130	120.1	87.8	163.0
51	53.2	37.3	55.9





#25

Chloroform

Concen: 0.958 ug/L

RT: 5.084 min Scan# 1178

Delta R.T. 0.007 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

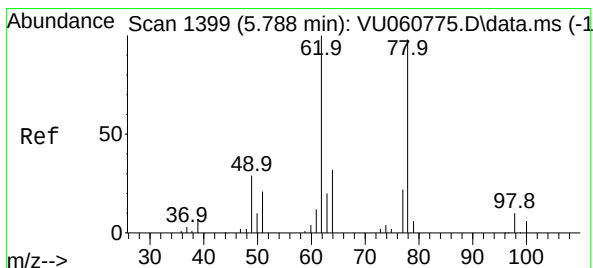
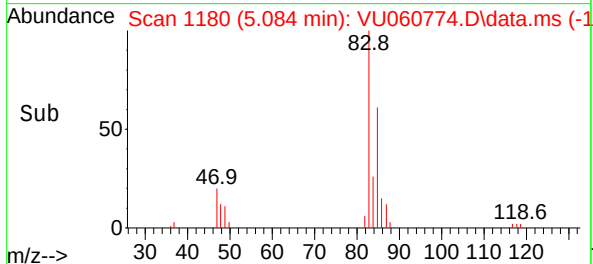
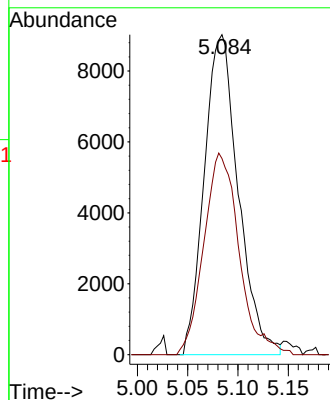
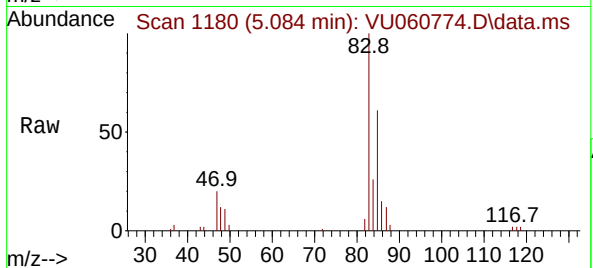
ClientSampleId :

Tgt Ion: 83 Resp: 21221

Ion Ratio Lower Upper

83 100

85 61.3 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.893 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060774.D

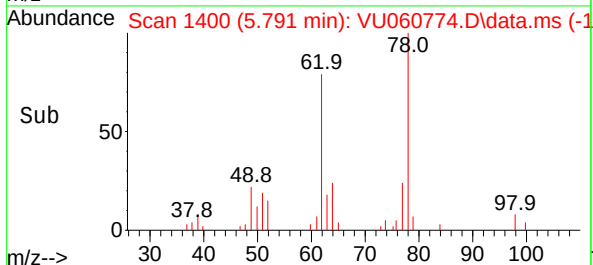
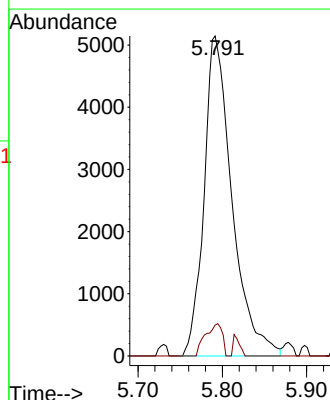
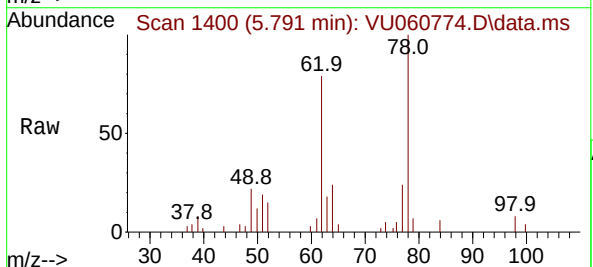
Acq: 16 Sep 2024 11:14

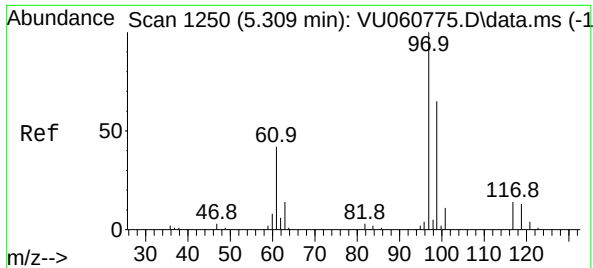
Tgt Ion: 62 Resp: 11875

Ion Ratio Lower Upper

62 100

98 9.6 8.2 12.4

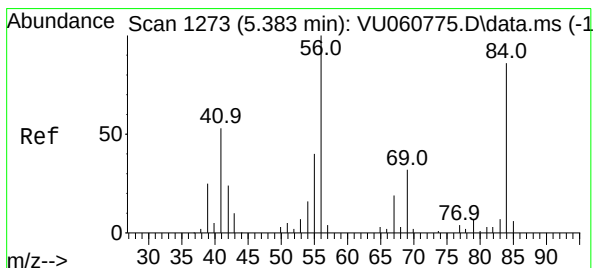
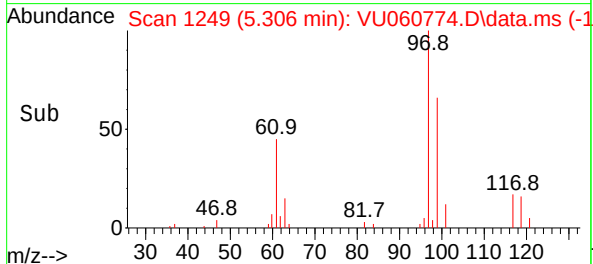
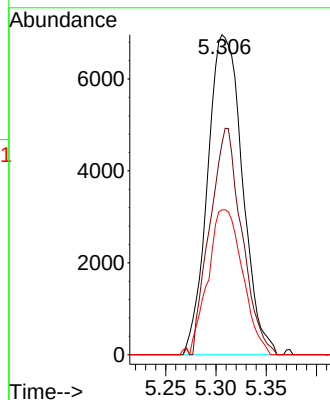
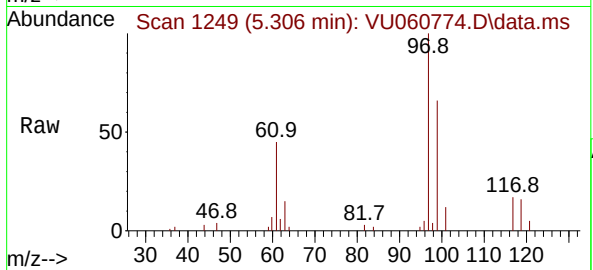




#29
1,1,1-Trichloroethane
Concen: 0.900 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

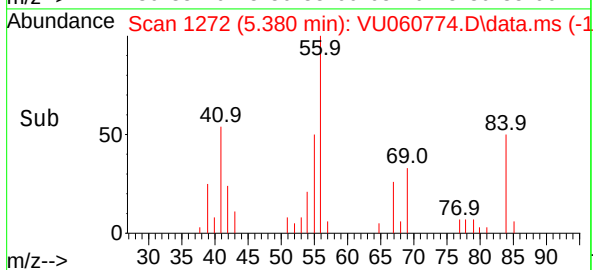
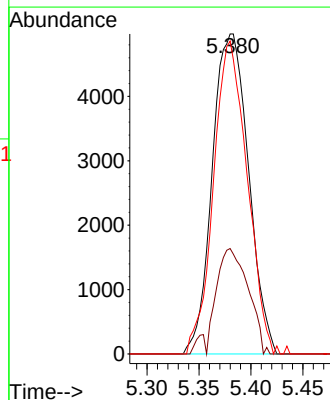
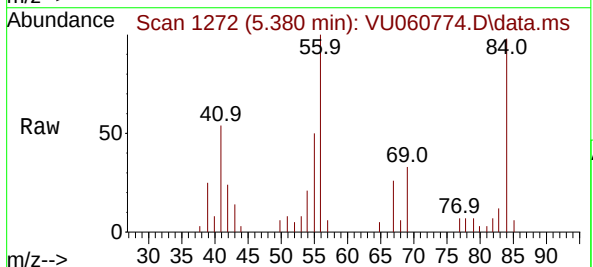
Instrument :
MSVOA_U
ClientSampleId :

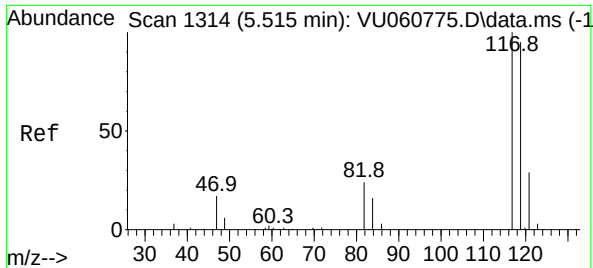
Tgt Ion: 97 Resp: 16763
Ion Ratio Lower Upper
97 100
99 65.3 50.5 75.7
61 45.3 34.4 51.6



#30
Cyclohexane
Concen: 0.748 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion: 56 Resp: 12058
Ion Ratio Lower Upper
56 100
69 28.7 25.4 38.0
84 90.8 71.0 106.6

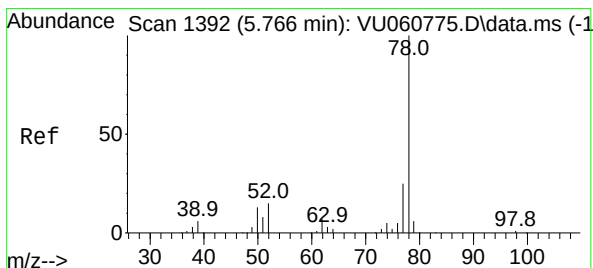
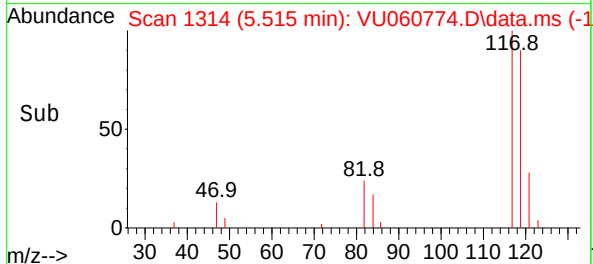
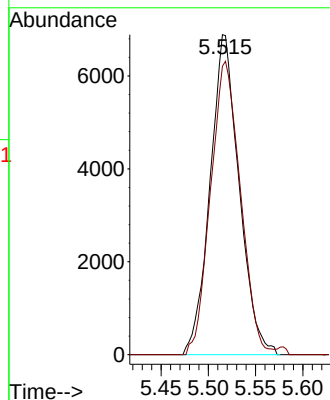
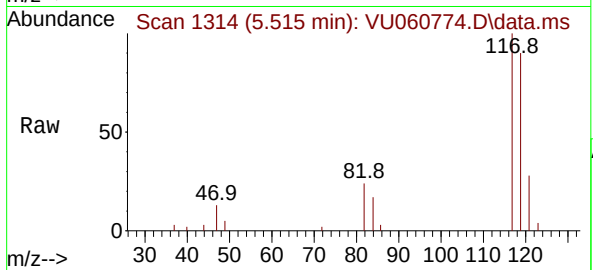




#31
Carbon tetrachloride
Concen: 0.929 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

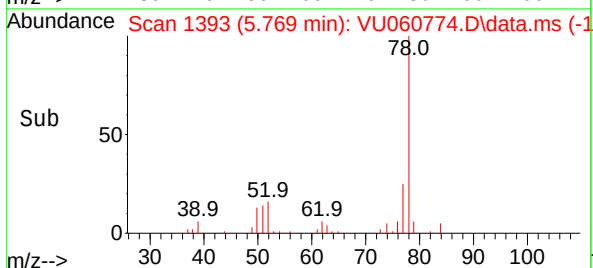
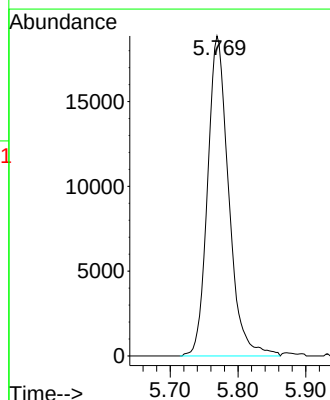
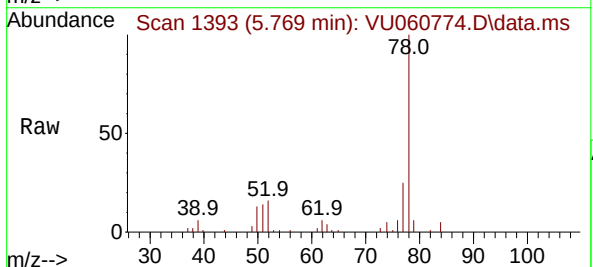
Instrument :
MSVOA_U
ClientSampleId :

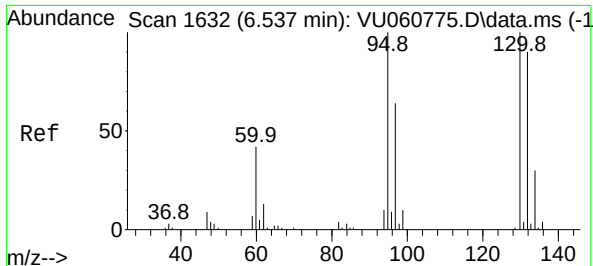
Tgt Ion:117 Resp: 14707
Ion Ratio Lower Upper
117 100
119 94.3 76.3 114.5



#33
Benzene
Concen: 0.840 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion: 78 Resp: 40866





#34

Trichloroethene

Concen: 0.843 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 11069

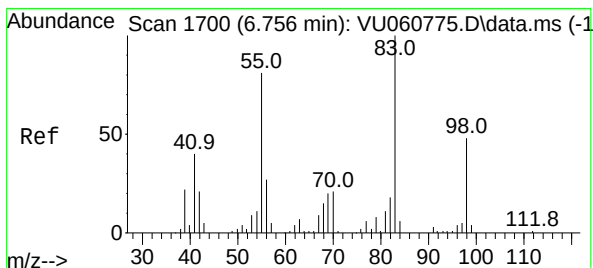
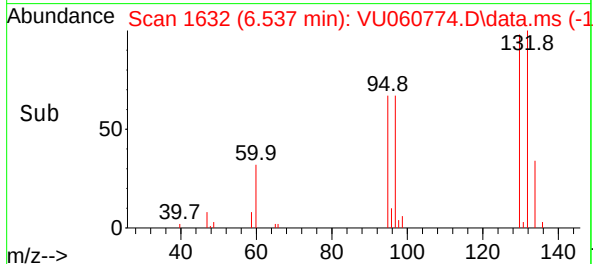
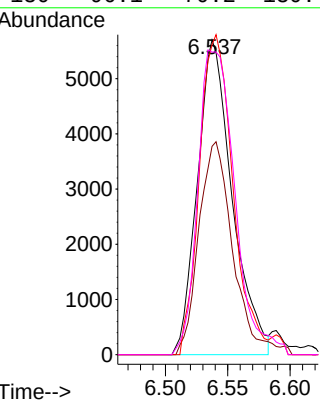
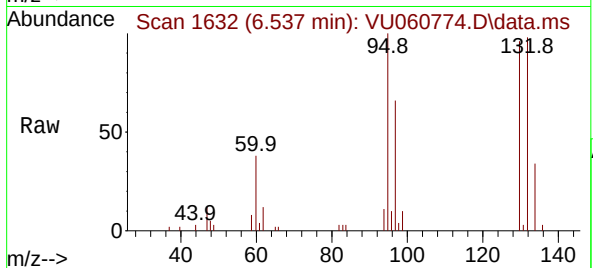
Ion Ratio Lower Upper

95 100

97 66.2 44.9 83.5

132 98.5 63.5 117.9

130 96.1 70.2 130.4



#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

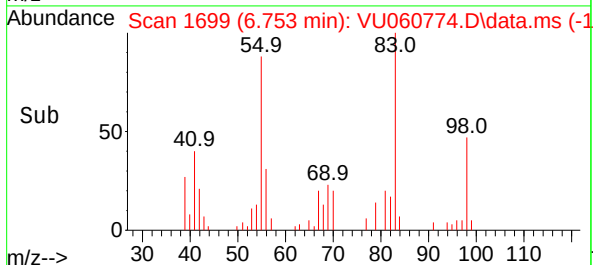
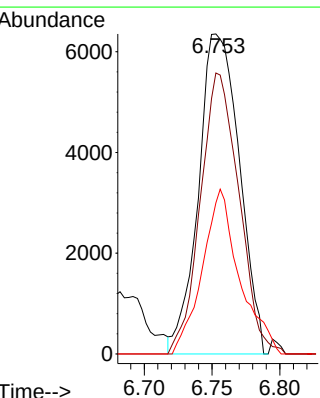
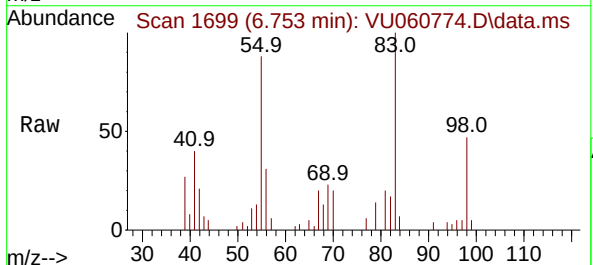
Tgt Ion: 83 Resp: 13340

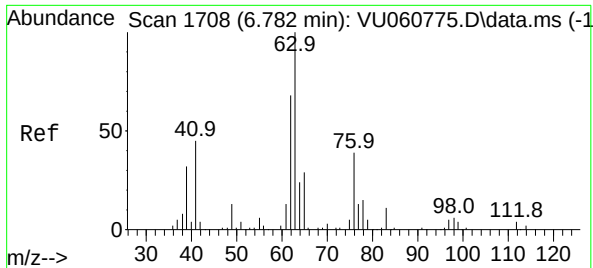
Ion Ratio Lower Upper

83 100

55 82.7 62.6 94.0

98 46.6 37.6 56.4

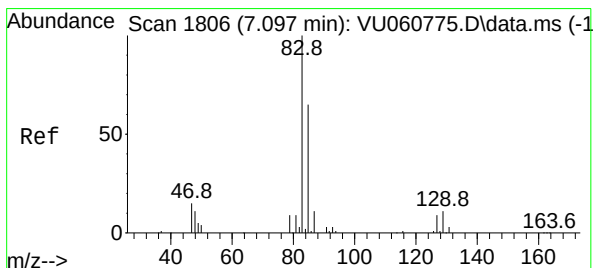
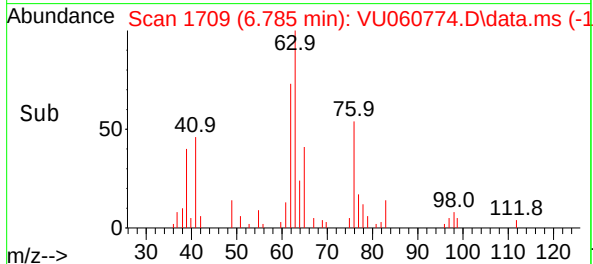
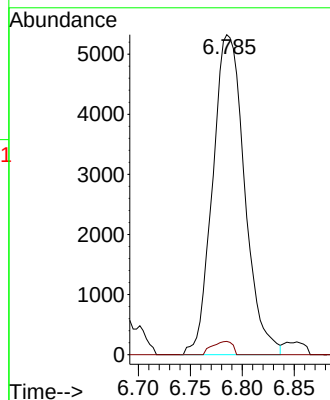
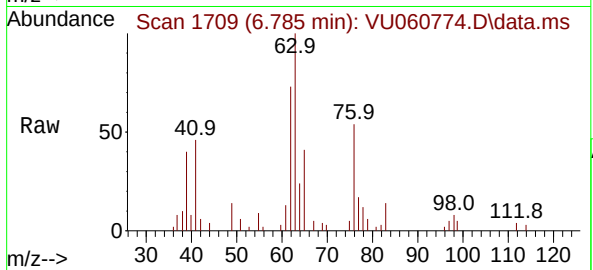




#37
1,2-Dichloropropane
Concen: 0.895 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

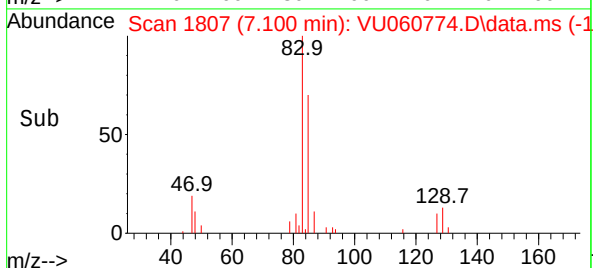
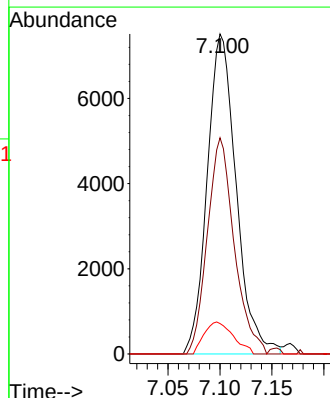
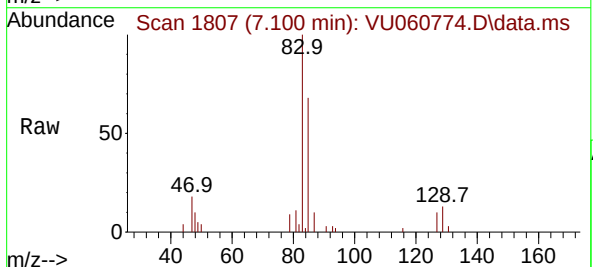
Instrument :
MSVOA_U
ClientSampleId :

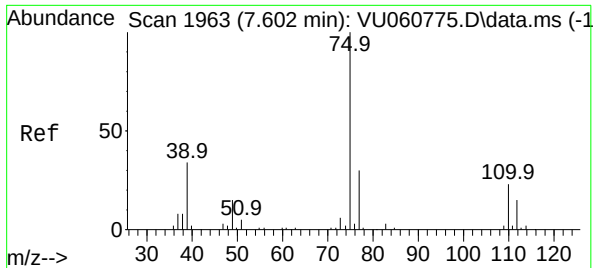
Tgt Ion: 63 Resp: 11367
Ion Ratio Lower Upper
63 100
112 2.6 2.0 3.0



#38
Bromodichloromethane
Concen: 0.923 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion: 83 Resp: 14569
Ion Ratio Lower Upper
83 100
85 67.6 45.6 84.8
127 9.5 7.0 10.6

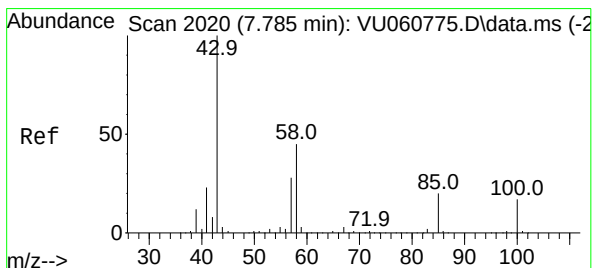
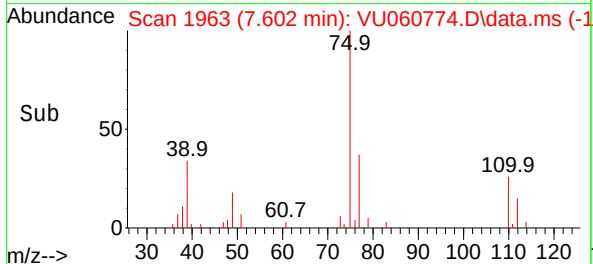
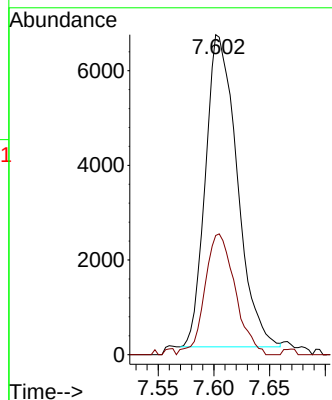
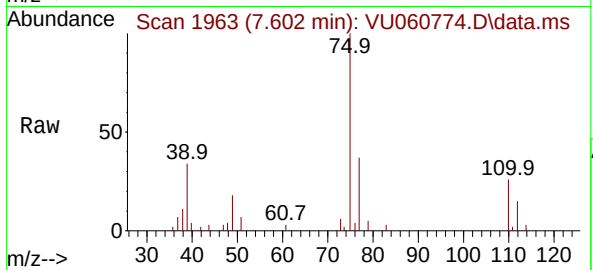




#39
 cis-1,3-Dichloropropene
 Concen: 0.756 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060774.D
 Acq: 16 Sep 2024 11:14

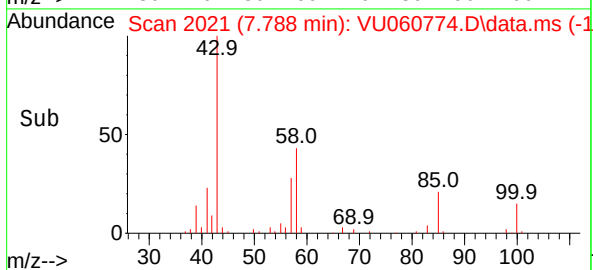
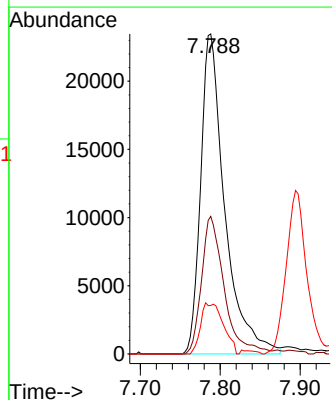
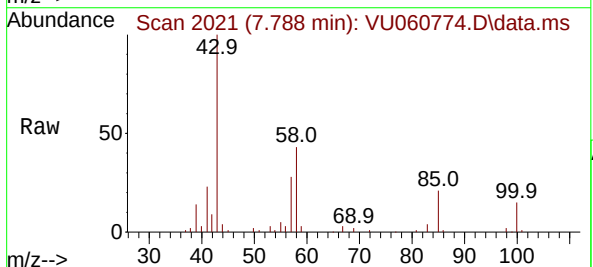
Instrument :
 MSVOA_U
 ClientSampleId :

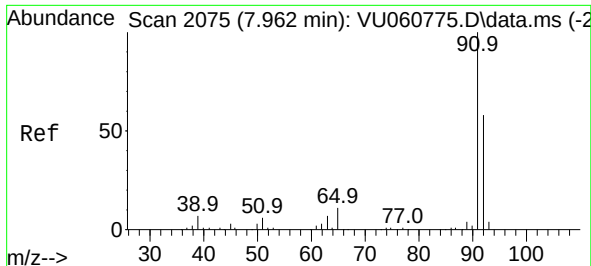
Tgt Ion: 75 Resp: 13035
 Ion Ratio Lower Upper
 75 100
 77 37.3 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 8.327 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU060774.D
 Acq: 16 Sep 2024 11:14

Tgt Ion: 43 Resp: 49243
 Ion Ratio Lower Upper
 43 100
 58 40.5 34.9 52.3
 100 14.9 13.4 20.0





#42

Toluene

Concen: 0.780 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

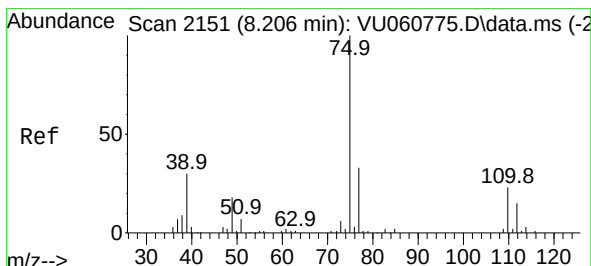
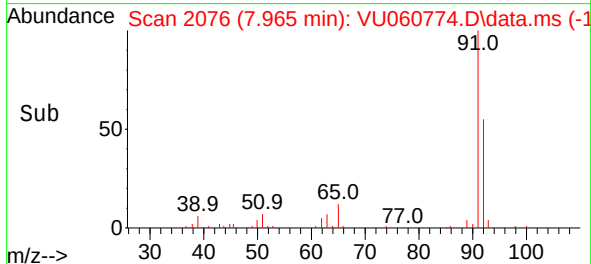
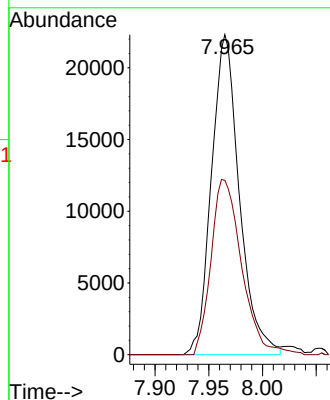
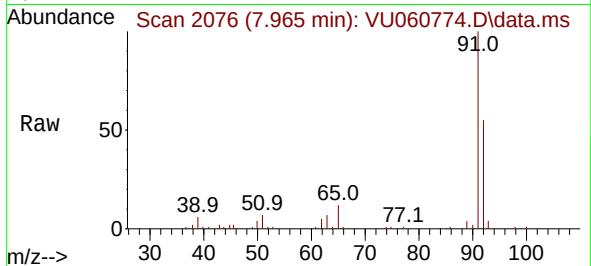
ClientSampleId :

Tgt Ion: 91 Resp: 40225

Ion Ratio Lower Upper

91 100

92 54.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.858 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU060774.D

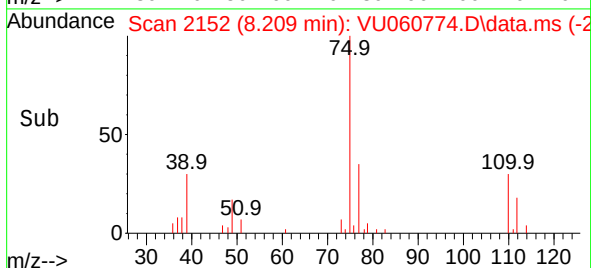
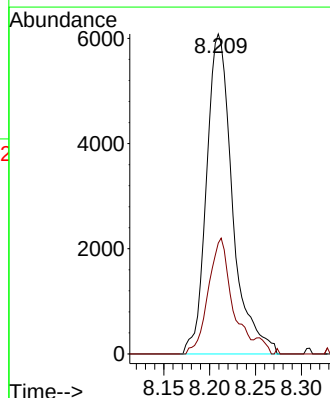
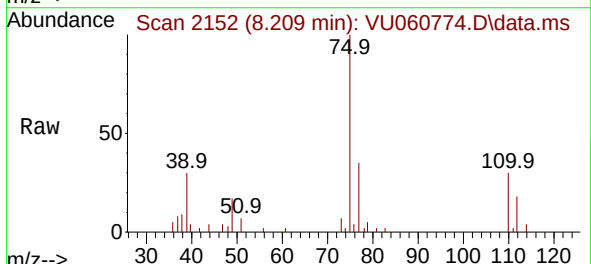
Acq: 16 Sep 2024 11:14

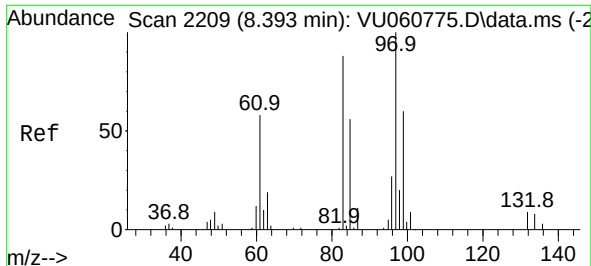
Tgt Ion: 75 Resp: 11970

Ion Ratio Lower Upper

75 100

77 34.7 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 0.948 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 8796

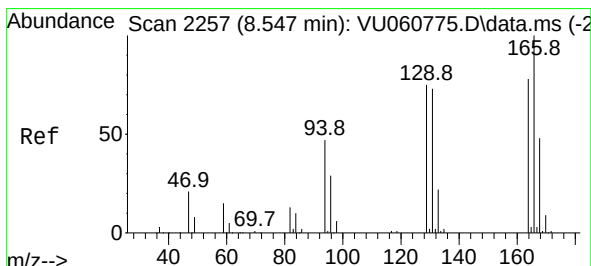
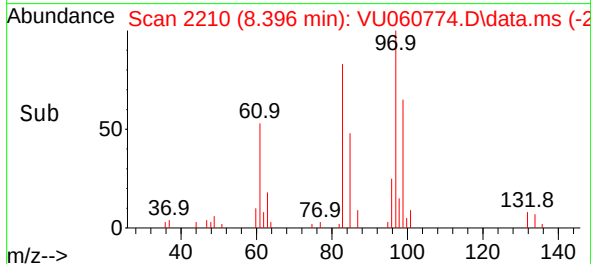
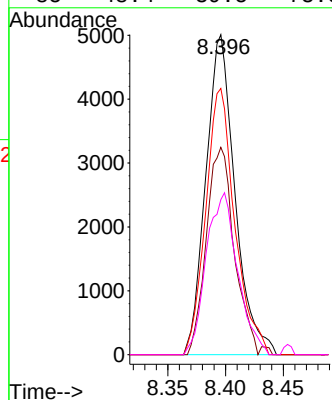
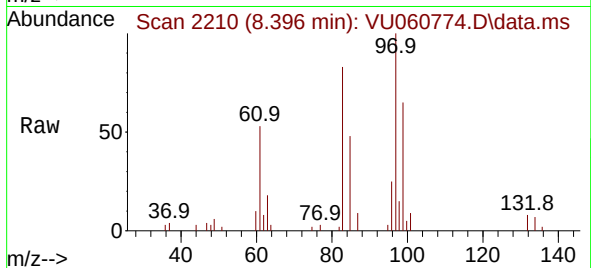
Ion Ratio Lower Upper

97 100

99 64.8 42.3 78.5

83 83.2 61.7 114.5

85 48.4 39.5 73.3



#47

Tetrachloroethene

Concen: 0.914 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Tgt Ion:164 Resp: 9295

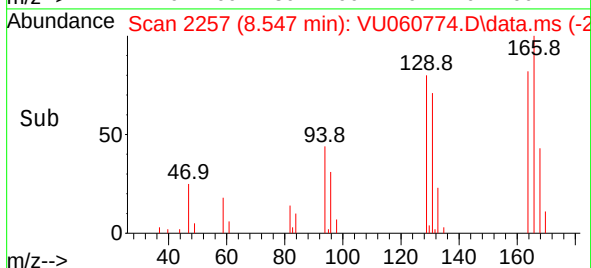
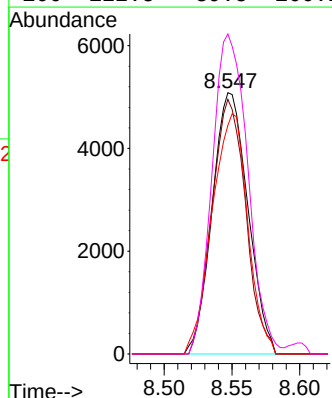
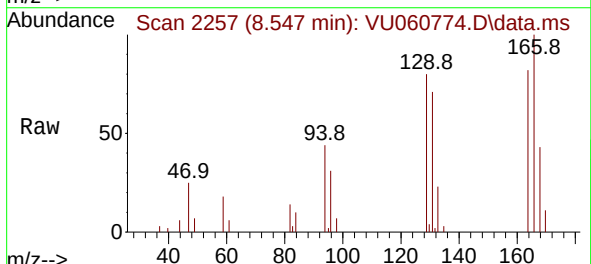
Ion Ratio Lower Upper

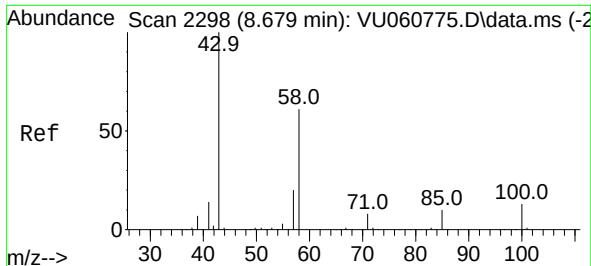
164 100

129 97.4 67.3 124.9

131 87.5 65.4 121.4

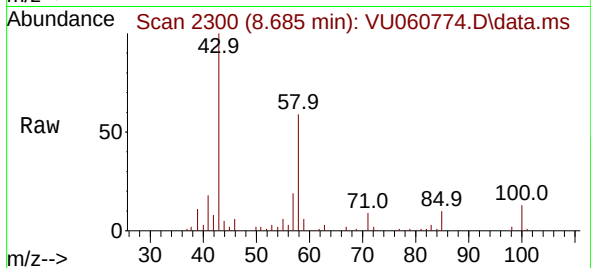
166 122.5 89.5 166.1



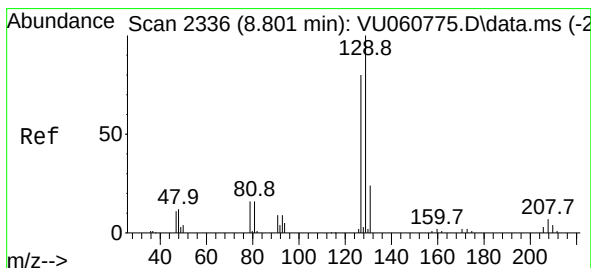
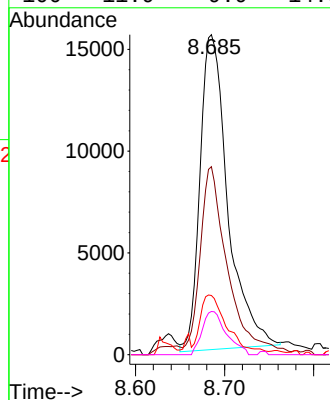
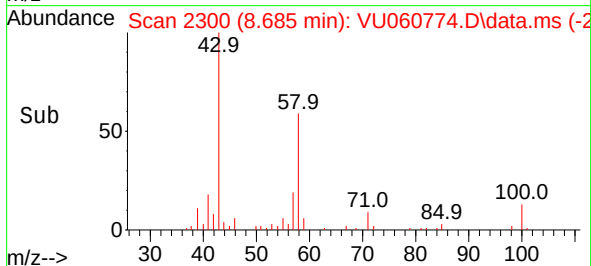


#48
2-Hexanone
Concen: 7.909 ug/L
RT: 8.685 min Scan# 24
Delta R.T. 0.007 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Instrument :
MSVOA_U
ClientSampleId :

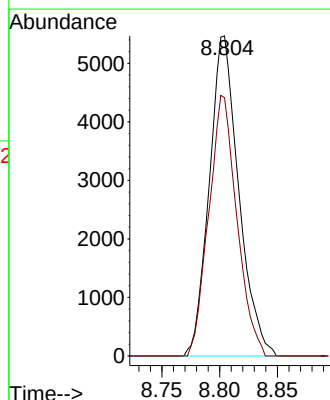
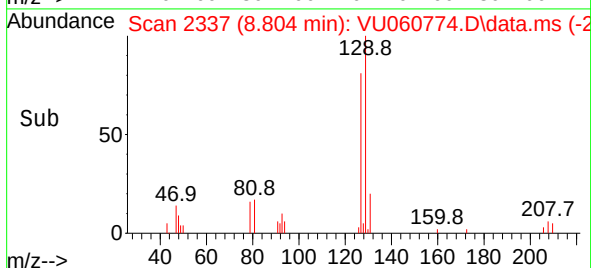
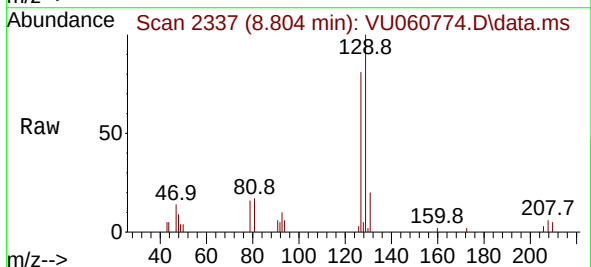


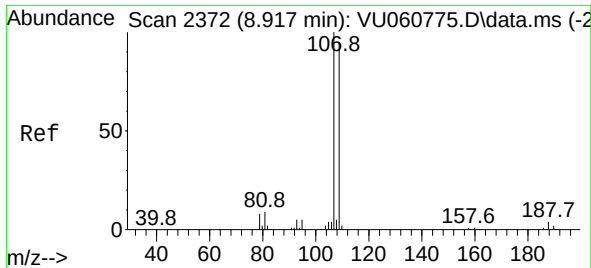
Tgt	Ion: 43	Resp:	33495
Ion	Ratio	Lower	Upper
43	100		
58	57.2	48.3	72.5
57	17.1	15.9	23.9
100	11.9	9.9	14.9



#49
Dibromochloromethane
Concen: 0.933 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion:129	Resp:	9702	
Ion	Ratio	Lower	Upper
129	100		
127	80.7	56.1	104.1

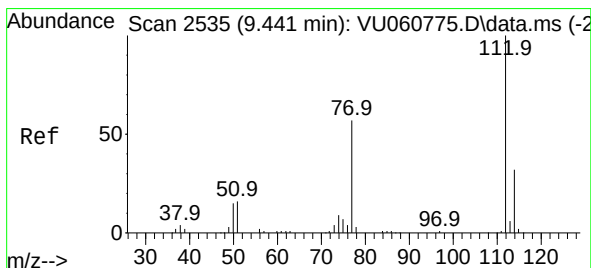
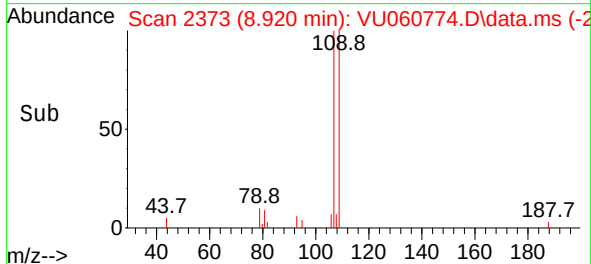
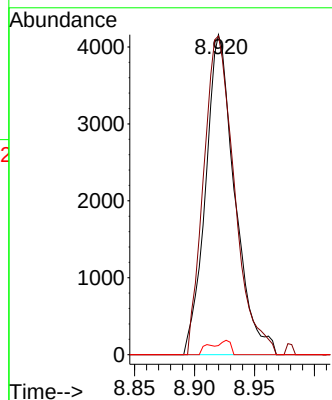
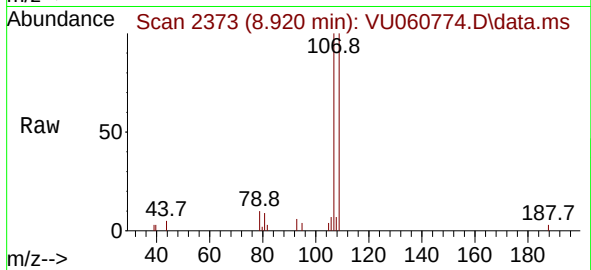




#50
1,2-Dibromoethane
Concen: 0.820 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

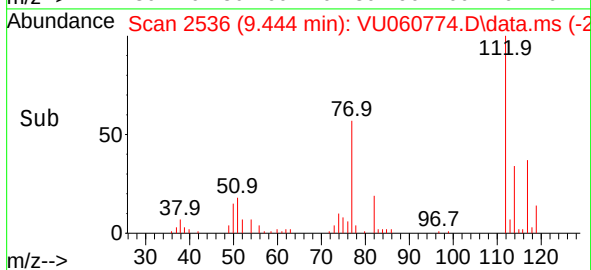
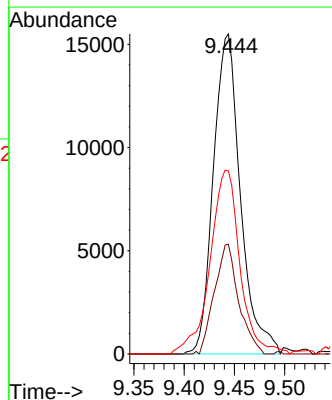
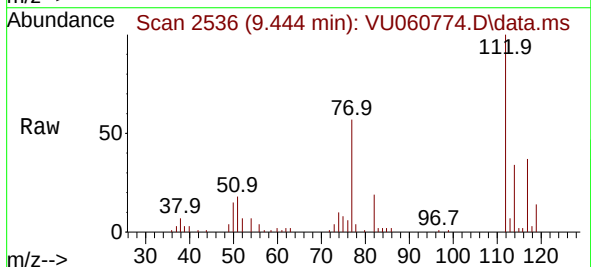
Instrument :
MSVOA_U
ClientSampleId :

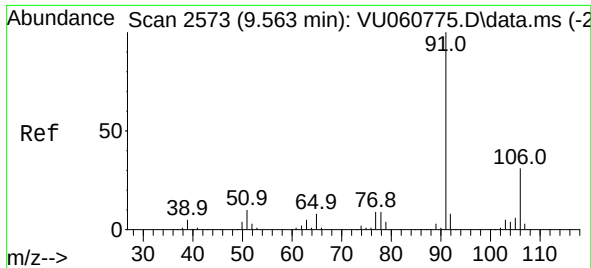
Tgt Ion:107 Resp: 7052
Ion Ratio Lower Upper
107 100
109 99.6 66.8 124.0
188 2.8 3.4 5.0#



#51
Chlorobenzene
Concen: 0.885 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion:112 Resp: 29021
Ion Ratio Lower Upper
112 100
114 34.3 22.2 41.2
77 61.5 46.1 69.1

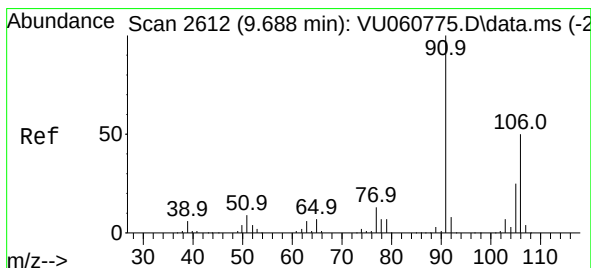
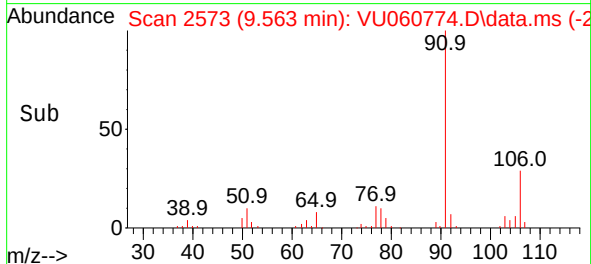
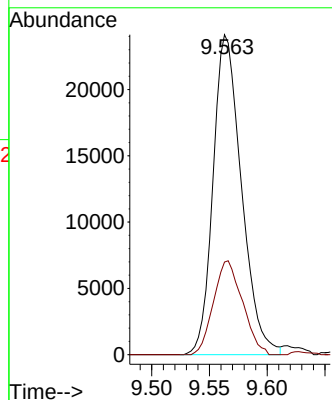
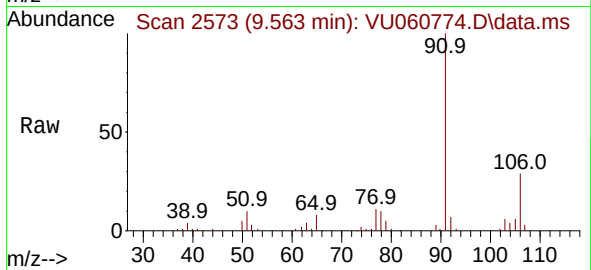




#52
Ethylbenzene
Concen: 0.783 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

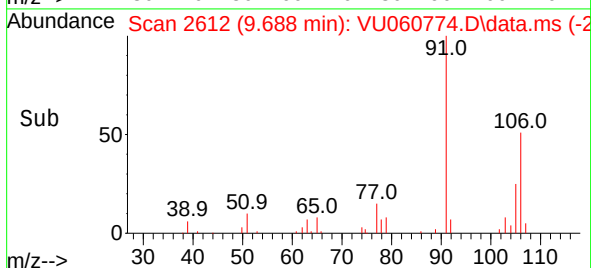
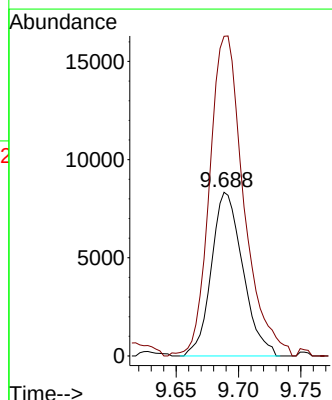
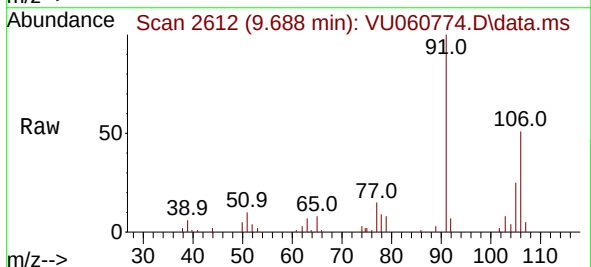
Instrument :
MSVOA_U
ClientSampleId :

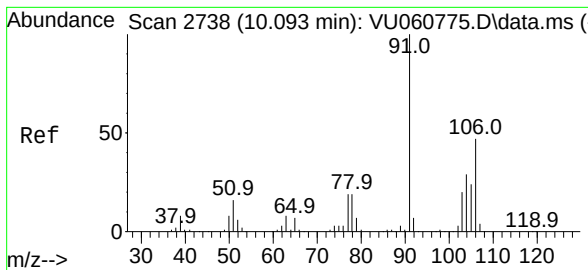
Tgt Ion: 91 Resp: 41320
Ion Ratio Lower Upper
91 100
106 29.0 21.8 40.6



#53
m,p-Xylene
Concen: 0.720 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion:106 Resp: 14616
Ion Ratio Lower Upper
106 100
91 195.3 139.7 259.4

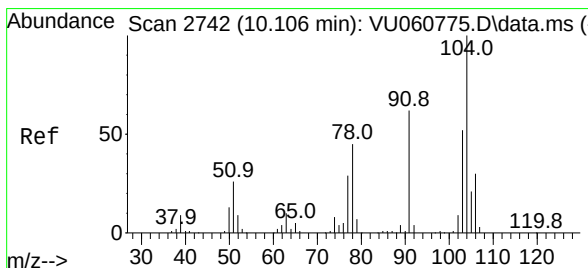
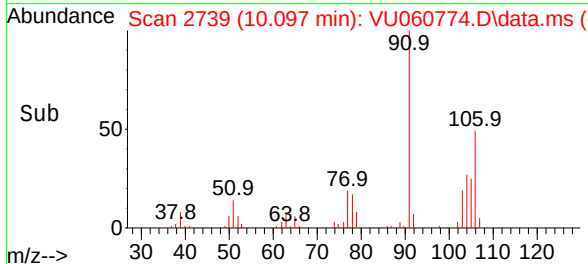
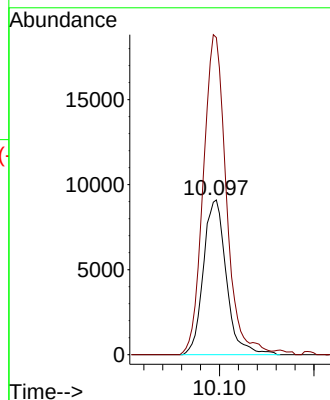
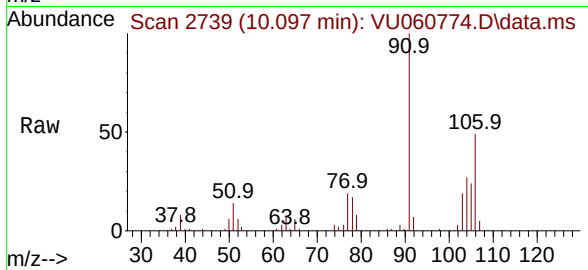




#54
o-Xylene
Concen: 0.794 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

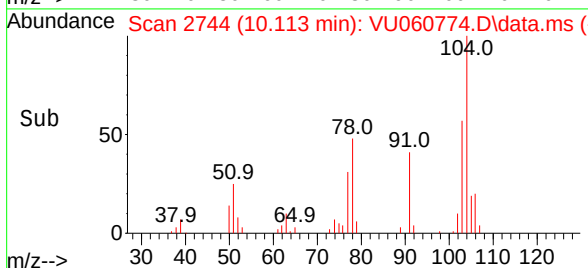
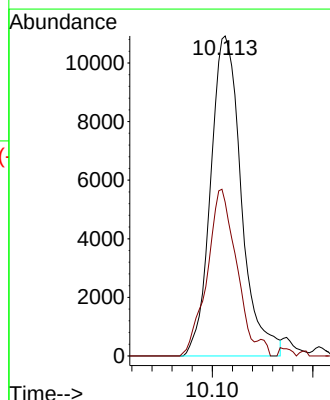
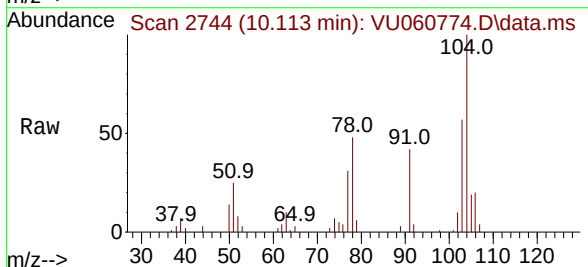
Instrument :
MSVOA_U
ClientSampleId :

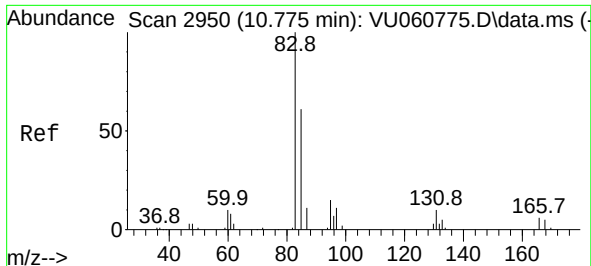
Tgt Ion:106 Resp: 15356
Ion Ratio Lower Upper
106 100
91 204.9 148.6 276.0



#55
Styrene
Concen: 0.707 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion:104 Resp: 23121
Ion Ratio Lower Upper
104 100
78 48.1 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.937 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

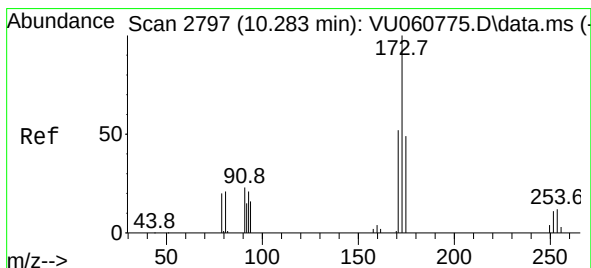
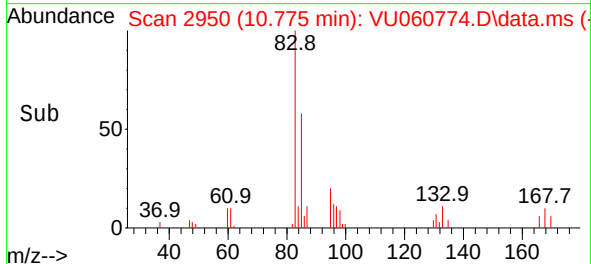
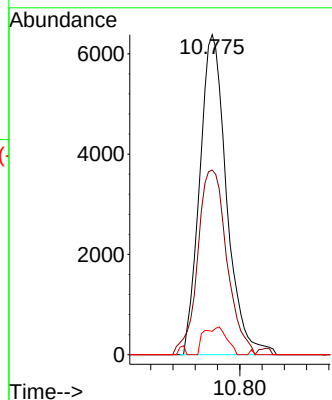
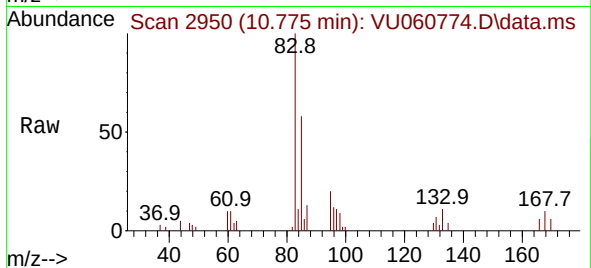
Tgt Ion: 83 Resp: 10670

Ion Ratio Lower Upper

83 100

85 57.7 42.9 79.7

131 7.3 8.4 12.6#



#59

Bromoform

Concen: 0.961 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.007 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

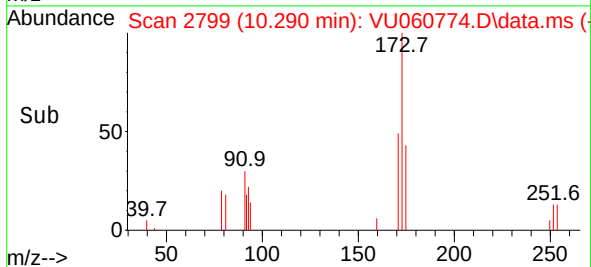
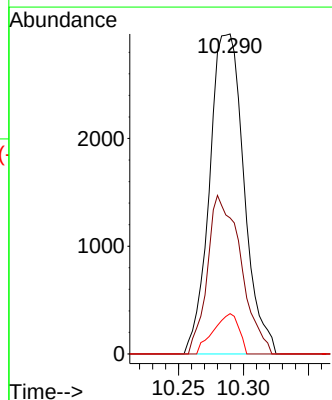
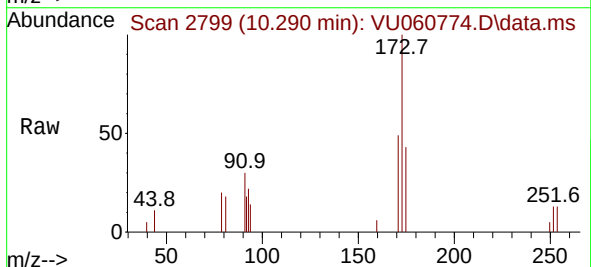
Tgt Ion:173 Resp: 5460

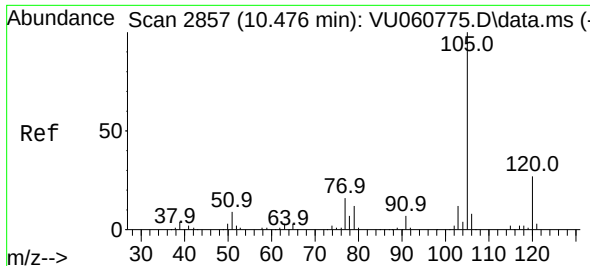
Ion Ratio Lower Upper

173 100

175 48.3 39.1 58.7

254 9.4 8.7 13.1

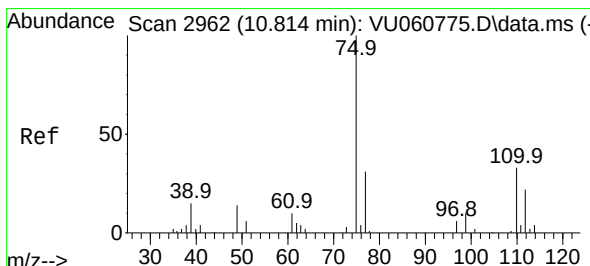
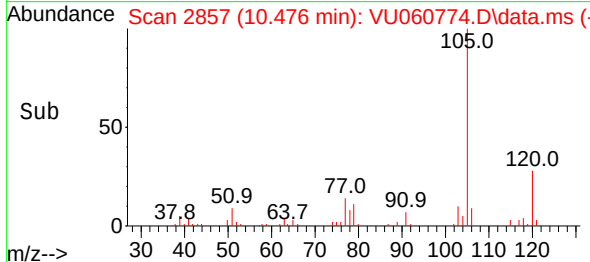
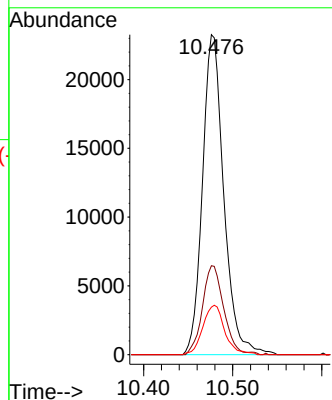
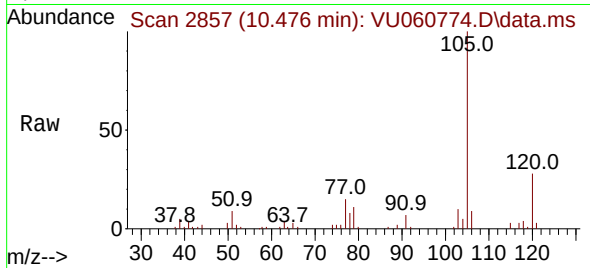




#60
Isopropylbenzene
Concen: 0.846 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

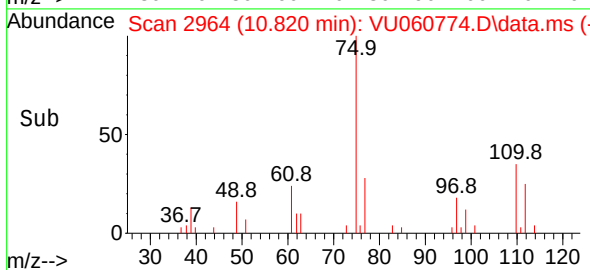
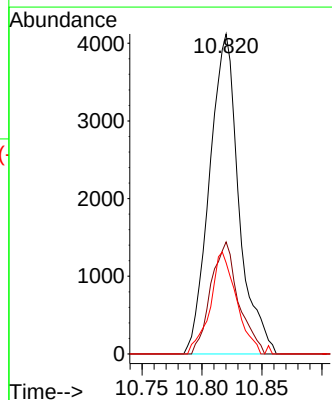
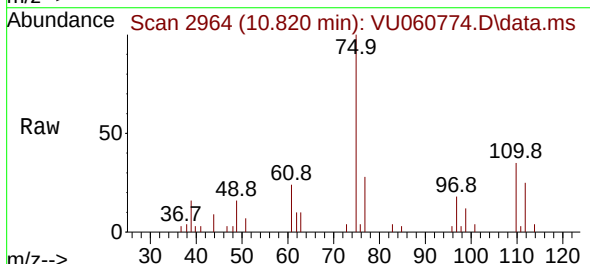
Instrument :
MSVOA_U
ClientSampleId :

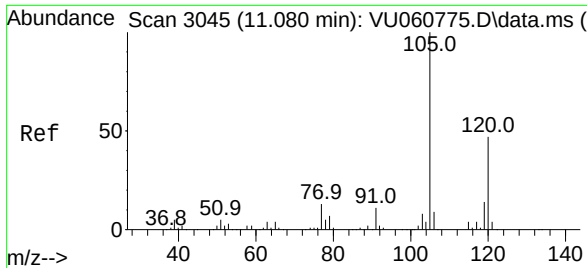
Tgt Ion:105 Resp: 38697
Ion Ratio Lower Upper
105 100
120 27.5 21.5 32.3
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 1.026 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.007 min
Lab File: VU060774.D
Acq: 16 Sep 2024 11:14

Tgt Ion: 75 Resp: 6993
Ion Ratio Lower Upper
75 100
110 33.0 28.6 43.0
77 28.5 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 0.792 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

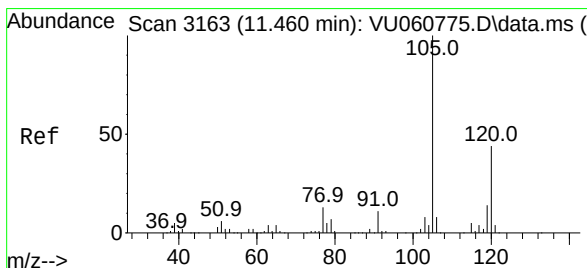
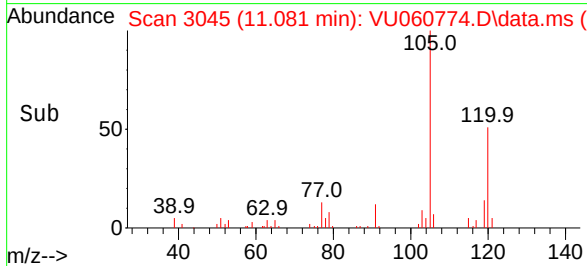
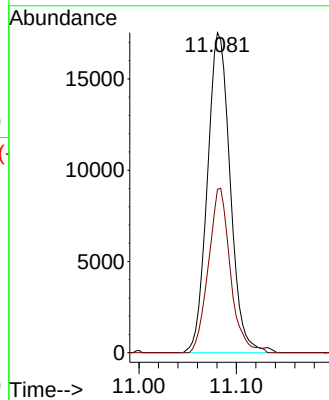
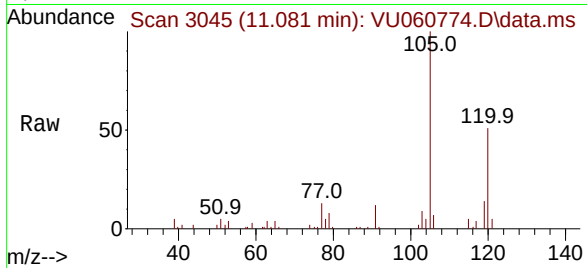
ClientSampleId :

Tgt Ion:105 Resp: 28523

Ion Ratio Lower Upper

105 100

120 49.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 0.753 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060774.D

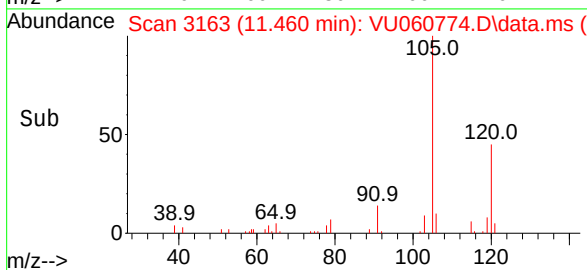
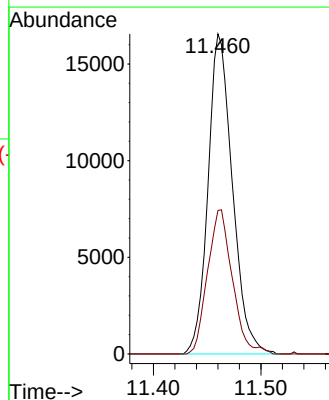
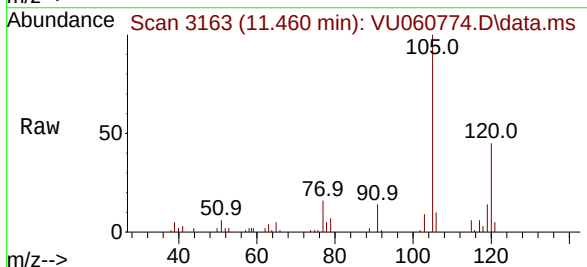
Acq: 16 Sep 2024 11:14

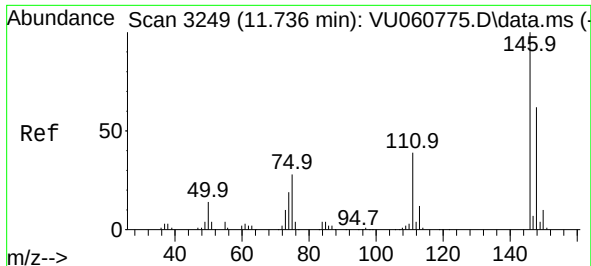
Tgt Ion:105 Resp: 26100

Ion Ratio Lower Upper

105 100

120 45.8 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 0.908 ug/L

RT: 11.743 min Scan# 3249

Delta R.T. 0.007 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

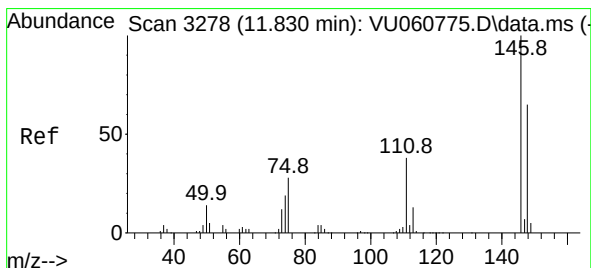
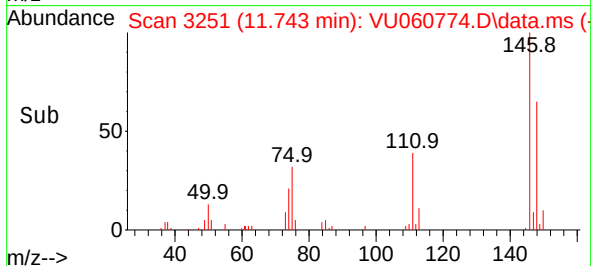
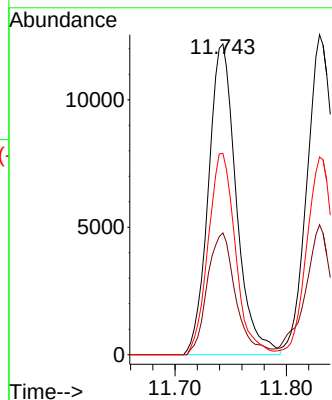
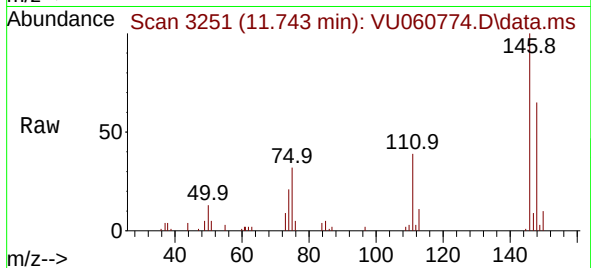
Tgt Ion:146 Resp: 21245

Ion Ratio Lower Upper

146 100

111 39.2 27.5 51.1

148 64.8 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 0.934 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

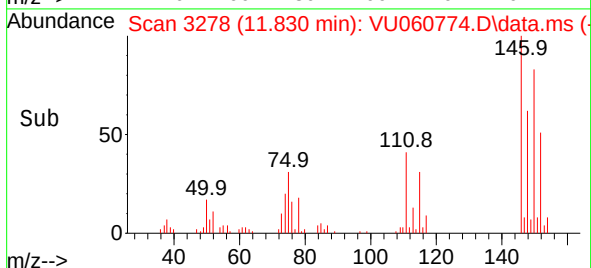
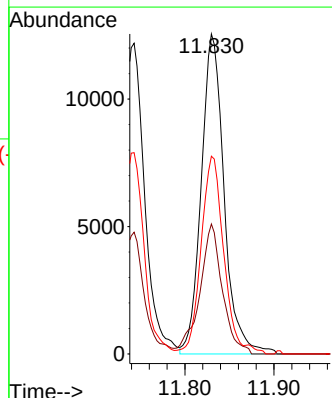
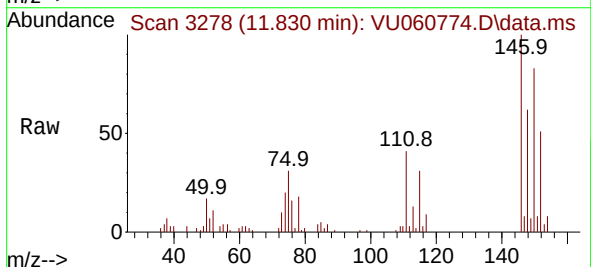
Tgt Ion:146 Resp: 22354

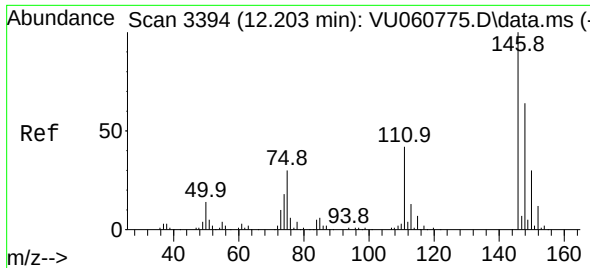
Ion Ratio Lower Upper

146 100

111 40.6 26.3 48.9

148 61.8 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.919 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

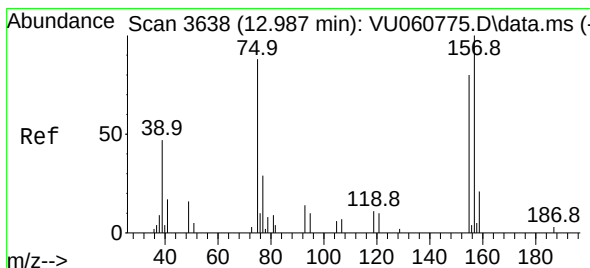
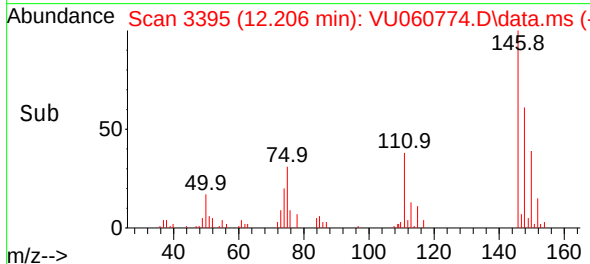
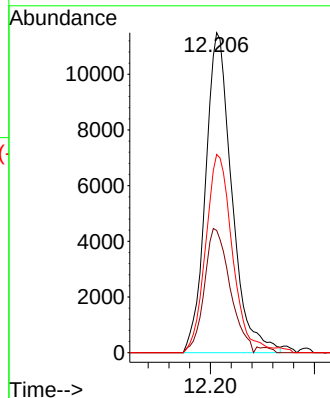
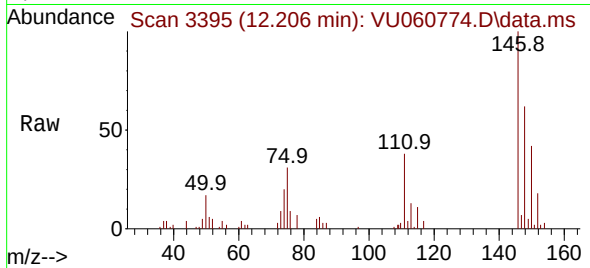
Tgt Ion:146 Resp: 20178

Ion Ratio Lower Upper

146 100

111 38.2 33.4 50.0

148 61.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 0.976 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.007 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

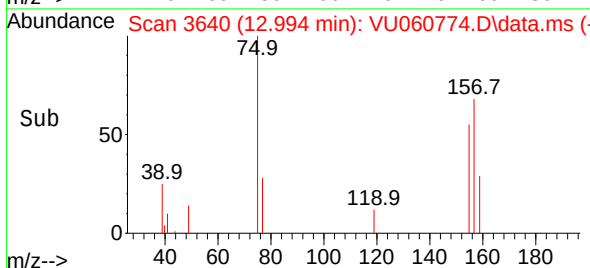
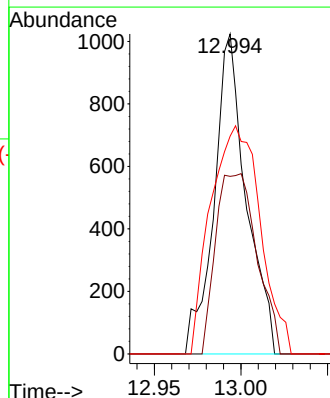
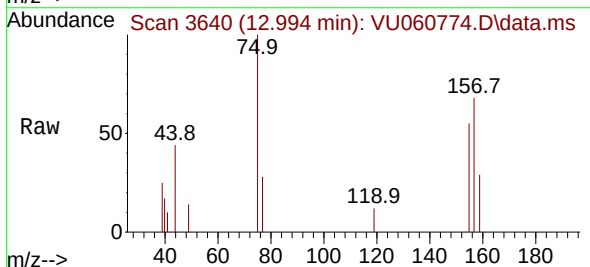
Tgt Ion: 75 Resp: 1316

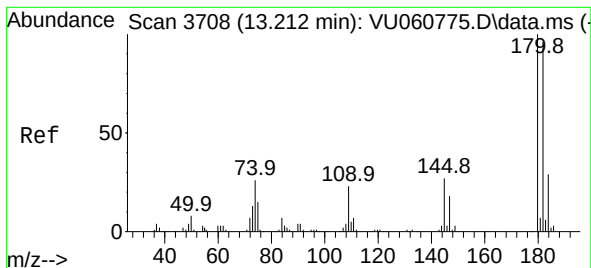
Ion Ratio Lower Upper

75 100

155 55.5 73.1 109.7#

157 68.1 91.0 136.4#





#69

1,3,5-Trichlorobenzene

Concen: 0.881 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

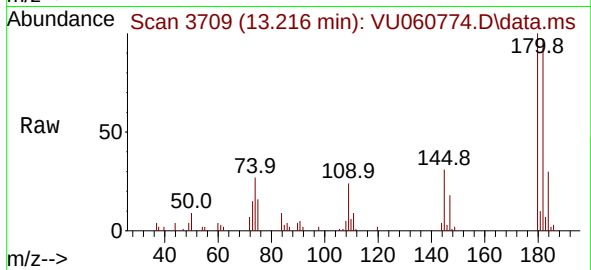
Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 15245

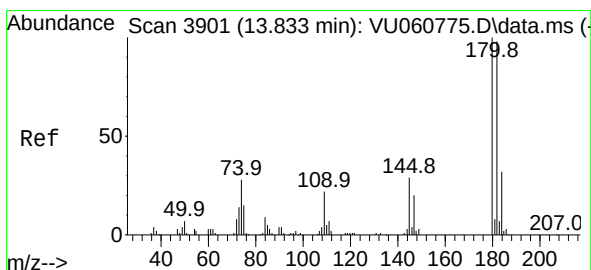
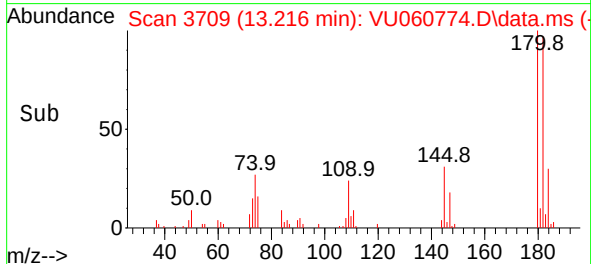
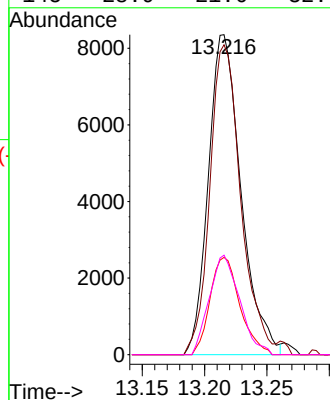
Ion Ratio Lower Upper

180 100

182 91.7 74.5 111.7

184 27.8 23.2 34.8

145 28.9 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 0.678 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.007 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

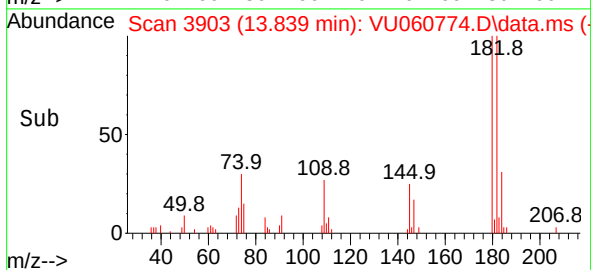
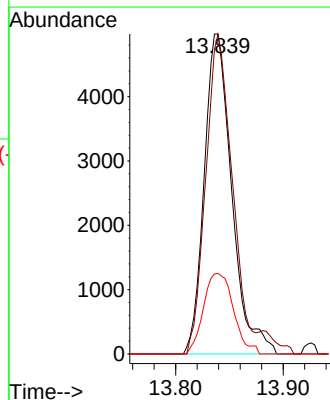
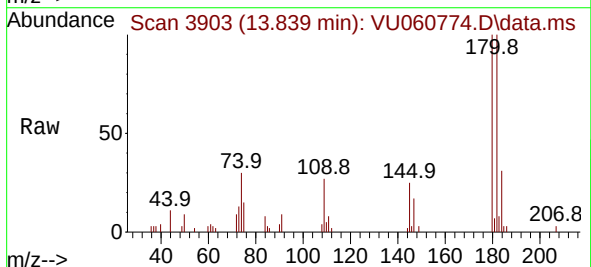
Tgt Ion:180 Resp: 8853

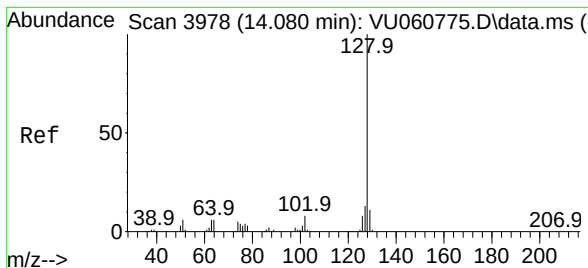
Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.2

145 27.4 22.9 34.3





#71

Naphthalene

Concen: 0.555 ug/L

RT: 14.090 min Scan# 3978

Delta R.T. 0.010 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Instrument :

MSVOA_U

ClientSampleId :

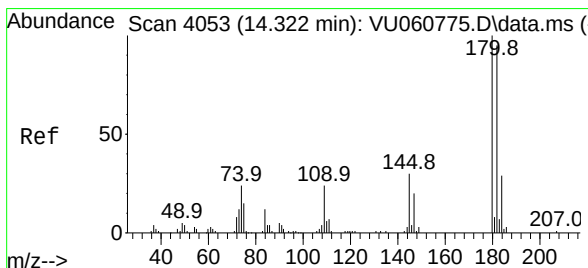
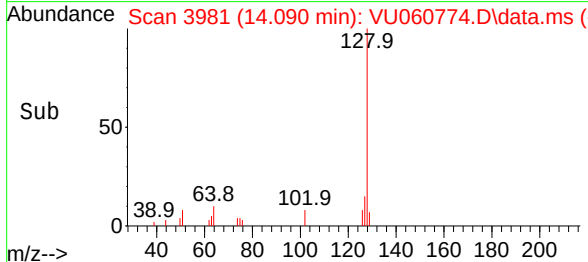
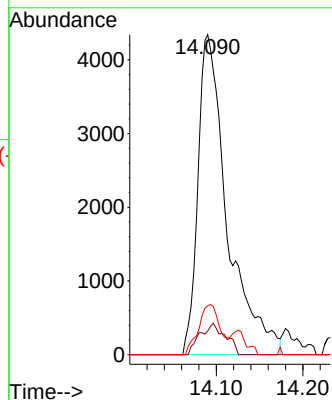
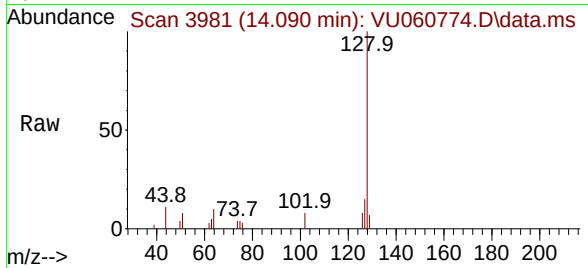
Tgt Ion:128 Resp: 10224

Ion Ratio Lower Upper

128 100

129 8.4 8.3 12.5

127 11.3 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 0.666 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.007 min

Lab File: VU060774.D

Acq: 16 Sep 2024 11:14

Tgt Ion:180 Resp: 8025

Ion Ratio Lower Upper

180 100

182 104.1 75.7 113.5

145 28.3 23.5 35.3

