

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063251.D
 Acq On : 12 Feb 2025 12:56
 Operator : MD/SY
 Sample : VU0212WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 13 03:10:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	51131	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17337	1.028	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	17238	0.983	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	32874	1.979	ug/l	95
3) Chloromethane	1.515	50	37771	1.974	ug/l	97
4) Vinyl Chloride	1.599	62	36923	1.951	ug/l	98
5) Bromomethane	1.824	94	20801	2.249	ug/l	98
6) Chloroethane	1.911	64	23326	1.956	ug/l	97
7) Trichlorofluoromethane	2.123	101	44667	1.991	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	25640	2.014	ug/l	98
9) 1,1-Dichloroethene	2.567	96	25934	1.999	ug/l	98
10) Iodomethane	2.708	142	41607	2.040	ug/l	100
11) Allyl Chloride	2.907	41	36781	1.974	ug/l	99
12) Acrylonitrile	3.316	53	12135	4.056	ug/l	93
13) Acetone	2.615	43	23779	10.336	ug/l	95
14) Carbon Disulfide	2.779	76	85777	1.891	ug/l	97
15) Methylene Chloride	3.030	84	31815	1.985	ug/l	95
16) trans-1,2-Dichloroethene	3.338	96	29107	1.966	ug/l	94
17) 1,1-Dichloroethane	3.850	63	55417	1.986	ug/l	99
18) 2-Butanone	4.702	43	32440	8.860	ug/l	97
19) Cyclohexane	5.374	56	38986	1.739	ug/l	91
20) Methylcyclohexane	6.750	83	44086	1.983	ug/l	98
21) 2,2-Dichloropropane	4.647	77	43300	1.989	ug/l	99
22) cis-1,2-Dichloroethene	4.653	96	31577	1.974	ug/l	99
23) Diethyl Ether	2.364	59	21191	1.904	ug/l	99
24) tert-Butyl Alcohol	3.174	59	29904	21.171	ug/l	# 93
25) Methyl tert-Butyl Ether	3.348	73	63104	1.948	ug/l	97
26) Bromochloromethane	4.959	128	14144	2.023	ug/l	98
27) Chloroform	5.075	83	57173	2.030	ug/l	99
28) 1,1,1-Trichloroethane	5.300	97	45409	1.990	ug/l	98
29) 1,1-Dichloropropene	5.515	75	40742	1.994	ug/l	99
30) Carbon Tetrachloride	5.509	117	37714	1.928	ug/l	99
31) Isopropyl Ether	3.975	45	76353	1.916	ug/l	96
32) Ethyl-t-butyl ether	4.483	59	68833	1.900	ug/l	100
33) Tert-Amyl methyl ether	5.927	73	61563	1.945	ug/l	99
34) Propionitrile	4.772	54	10173	9.212	ug/l	# 97
35) Benzene	5.763	78	125217	1.993	ug/l	99
36) 1,2-Dichloroethane	5.782	62	36496	2.013	ug/l	100
37) Trichloroethene	6.534	130	30224	2.023	ug/l	93
38) 1,2-Dichloropropane	6.779	63	32315	1.965	ug/l	98
39) Methacrylonitrile	4.972	41	8096	1.967	ug/l	93
40) Methyl acrylate	4.853	55	12009	1.583	ug/l	# 79
41) Tetrahydrofuran	5.049	42	9062	3.786	ug/l	95
42) 1-Chlorobutane	5.444	56	54007	1.932	ug/l	99
43) Dibromomethane	6.907	93	16622	1.996	ug/l	96
44) Bromodichloromethane	7.094	83	39273	2.026	ug/l	94

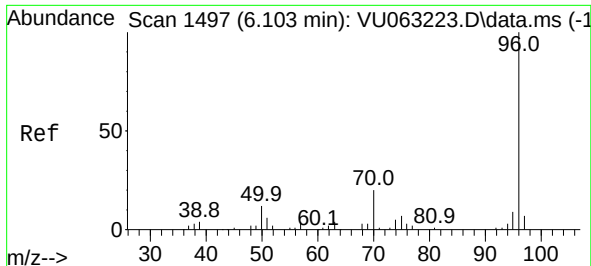
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	83073	9.516	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	35497	8.650	ug/l #	50
47) Methyl methacrylate	6.956	69	27267	3.888	ug/l	98
48) Ethyl methacrylate	8.325	69	25396	1.928	ug/l	98
49) Toluene	7.959	92	71512	1.979	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	34712	1.956	ug/l	99
51) cis-1,3-Dichloropropene	7.599	75	42816	1.953	ug/l	98
52) 1,1,2-Trichloroethane	8.390	97	22745	2.026	ug/l	98
53) 1,3-Dichloropropane	8.566	76	39631	1.988	ug/l	99
54) 2-Hexanone	8.679	43	53643	9.005	ug/l	99
55) Dibromochloromethane	8.798	129	25441	1.970	ug/l	97
56) 1,2-Dibromoethane	8.914	107	20372	1.935	ug/l	97
58) Tetrachloroethene	8.544	164	25526	2.073	ug/l	98
59) Chlorobenzene	9.438	112	75420	1.978	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	27395	1.999	ug/l	99
61) Pentachloroethane	11.415	117	23808	1.945	ug/l	93
62) Hexachloroethane	12.463	117	20151	1.861	ug/l	100
63) Ethyl Benzene	9.560	91	124557	1.894	ug/l	98
64) m/p-Xylenes	9.685	106	96092	3.912	ug/l	99
65) o-Xylene	10.090	106	48728	2.027	ug/l	95
66) Styrene	10.107	104	73539	1.922	ug/l	100
67) Bromoform	10.283	173	14014	1.912	ug/l	96
69) Isopropylbenzene	10.473	105	110230	1.950	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	29840	1.972	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	35497	3.123	ug/l #	75
72) Bromobenzene	10.775	156	29771	1.955	ug/l	98
73) n-propylbenzene	10.897	120	31267	1.932	ug/l	99
74) 2-Chlorotoluene	10.978	126	30285	2.030	ug/l	98
75) 1,3,5-Trimethylbenzene	11.078	105	102401	1.955	ug/l	99
76) 4-Chlorotoluene	11.090	126	30015	1.962	ug/l	99
77) tert-Butylbenzene	11.409	119	103577	1.955	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	100810	1.940	ug/l	100
79) sec-Butylbenzene	11.634	105	133023	1.972	ug/l	100
80) Nitrobenzene	13.229	77	1936	7.827	ug/l #	82
81) p-Isopropyltoluene	11.785	119	104011	1.954	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	57876	1.959	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	57047	1.974	ug/l	99
84) n-Butylbenzene	12.200	91	88658	1.858	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	56355	1.985	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	3704	1.744	ug/l	91
87) 1,2,4-Trichlorobenzene	13.836	180	24294	1.755	ug/l	99
88) Hexachlorobutadiene	14.010	225	20391	2.061	ug/l	98
89) Naphthalene	14.084	128	31946	1.689	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	21647	1.598	ug/l	98

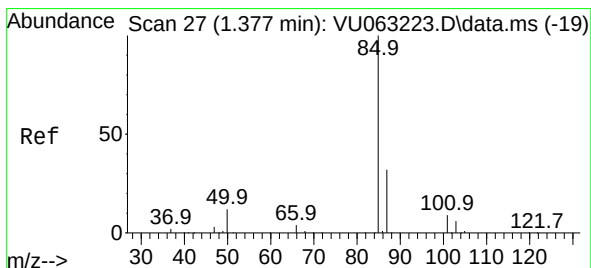
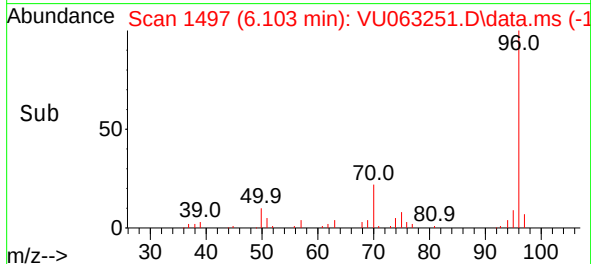
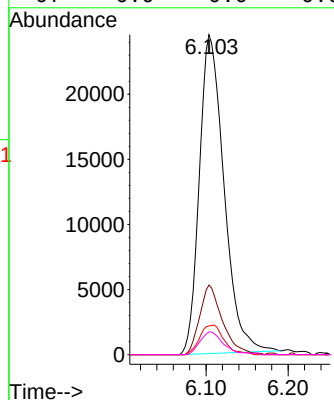
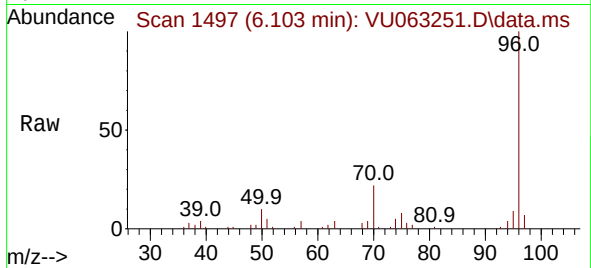
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

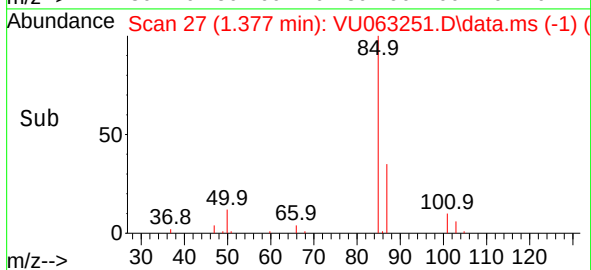
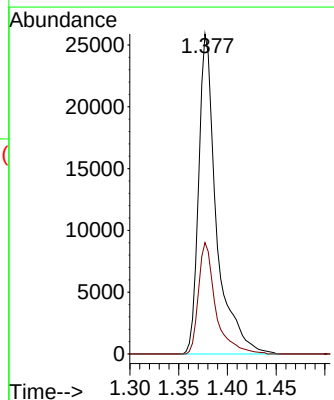
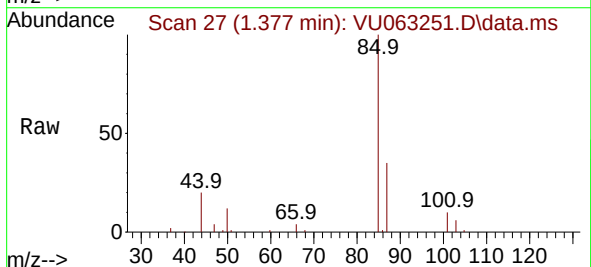
Instrument :
MSVOA_U
ClientSampleId :

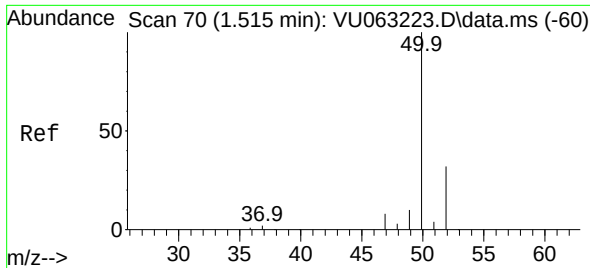
Tgt Ion: 96	Resp: 51131
Ion Ratio	Lower Upper
96 100	
70 20.1	15.6 23.4
95 9.2	7.3 10.9
97 6.9	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.979 ug/l
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 85	Resp: 32874
Ion Ratio	Lower Upper
85 100	
87 34.8	16.0 48.0

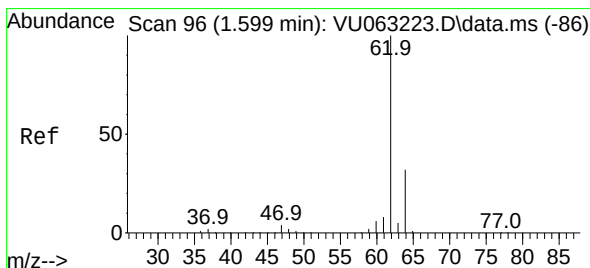
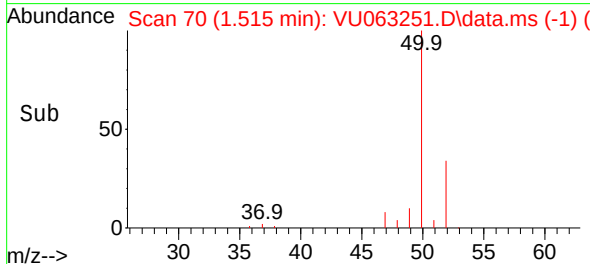
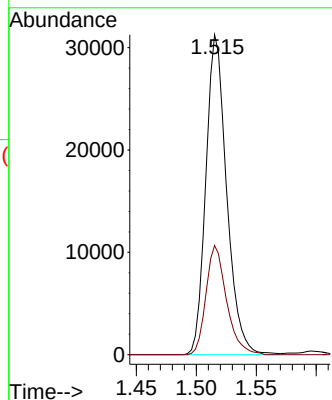
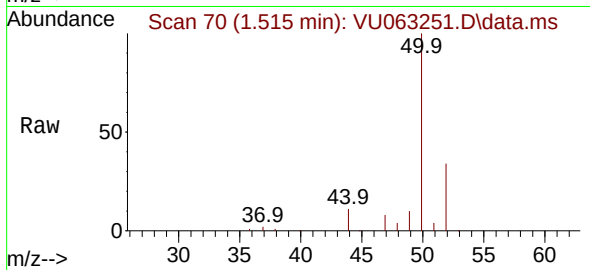




#3
Chloromethane
Concen: 1.974 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

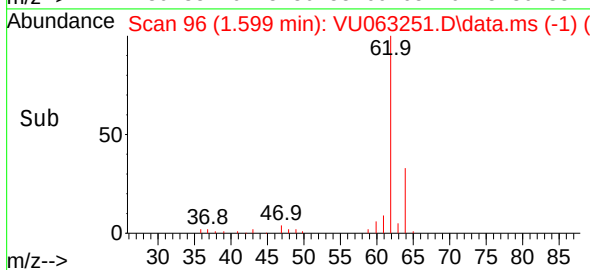
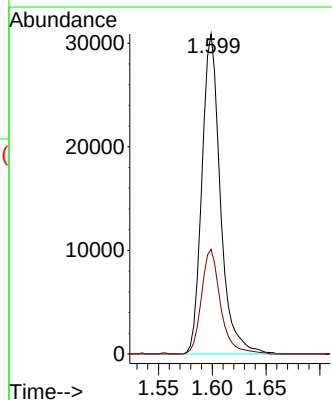
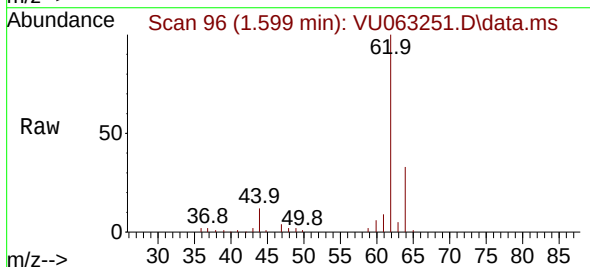
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ClientSampleId :

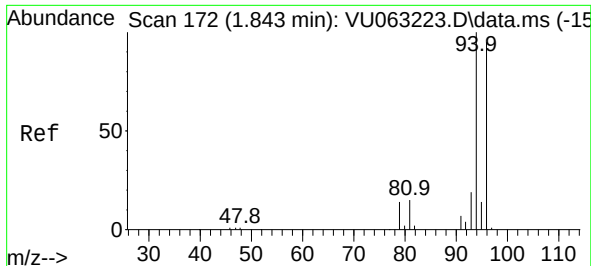
Tgt Ion: 50 Resp: 37771
Ion Ratio Lower Upper
50 100
52 34.1 25.8 38.8



#4
Vinyl Chloride
Concen: 1.951 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 62 Resp: 36923
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

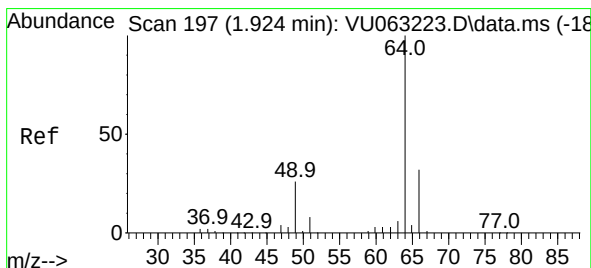
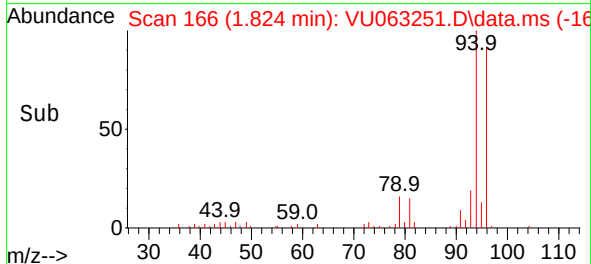
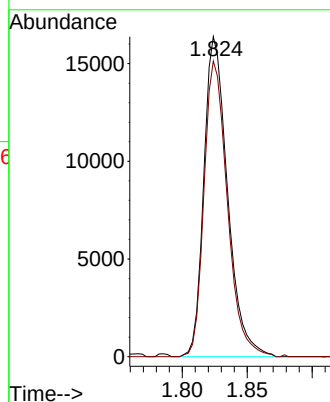
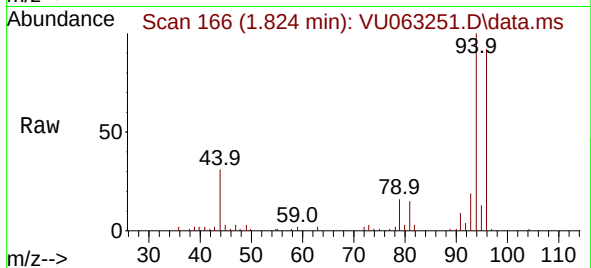




#5
Bromomethane
Concen: 2.249 ug/l
RT: 1.824 min Scan# 1
Delta R.T. -0.019 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

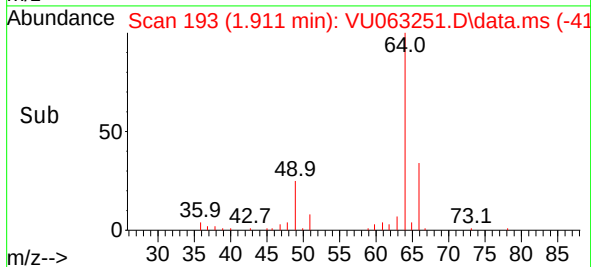
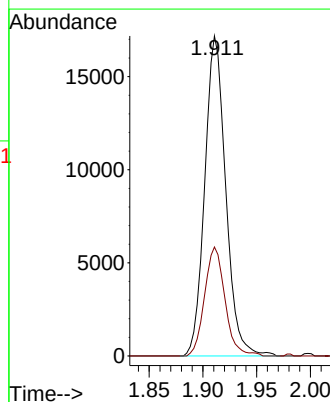
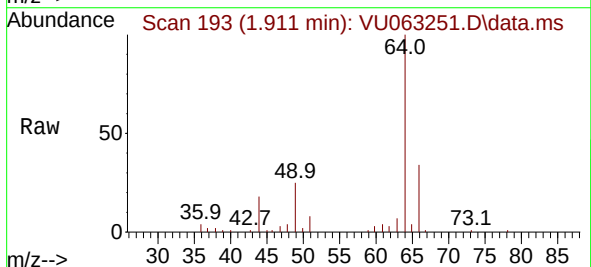
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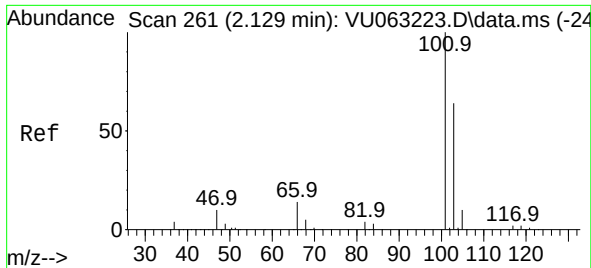
Tgt Ion: 94 Resp: 20801
Ion Ratio Lower Upper
94 100
96 92.4 75.7 113.5



#6
Chloroethane
Concen: 1.956 ug/l
RT: 1.911 min Scan# 193
Delta R.T. -0.013 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 64 Resp: 23326
Ion Ratio Lower Upper
64 100
66 34.1 25.8 38.8

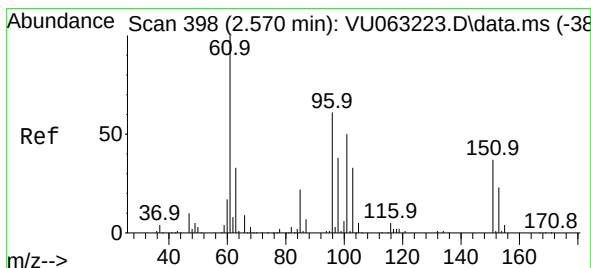
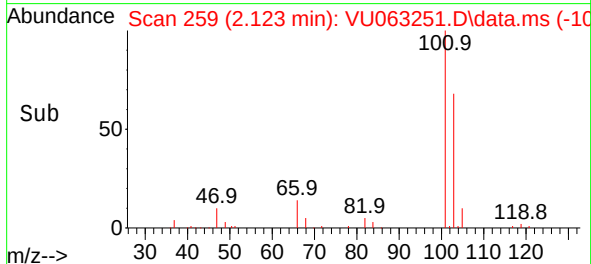
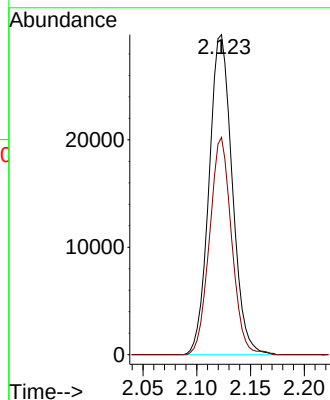
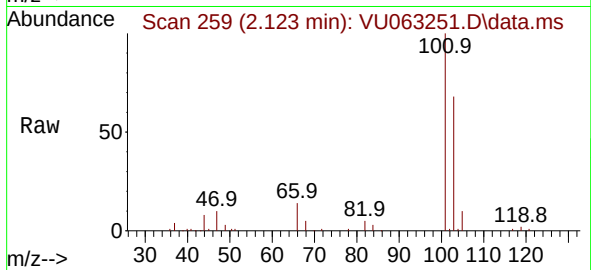




#7
 Trichlorofluoromethane
 Concen: 1.991 ug/l
 RT: 2.123 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

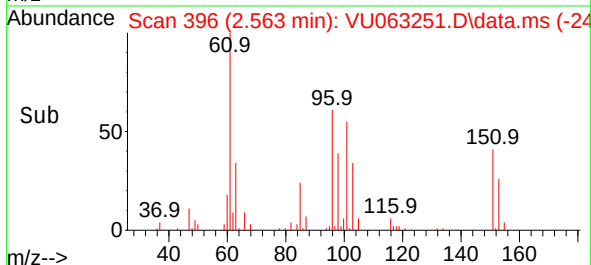
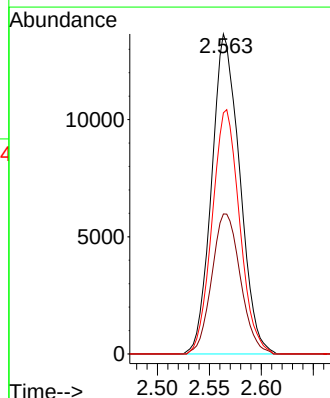
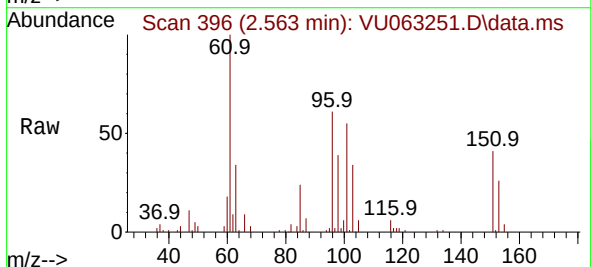
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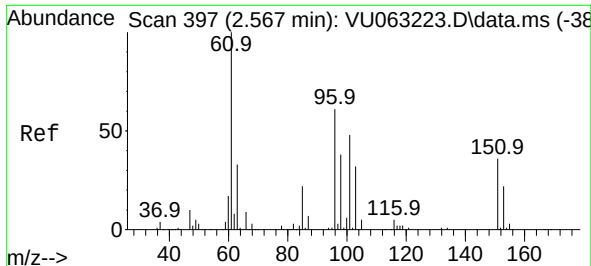
Tgt Ion:101 Resp: 44667
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.014 ug/l
 RT: 2.563 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

Tgt Ion:101 Resp: 25640
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.4 53.0
 151 74.9 58.5 87.7

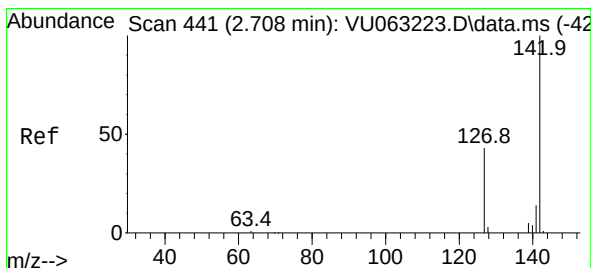
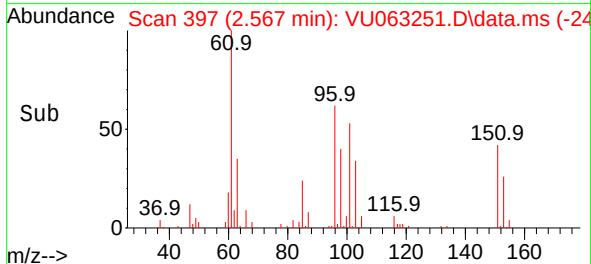
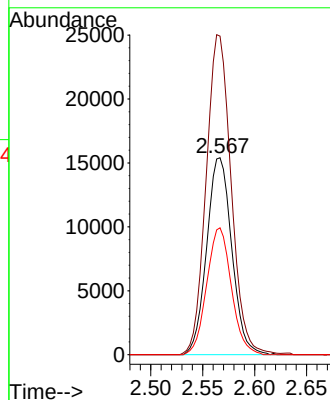
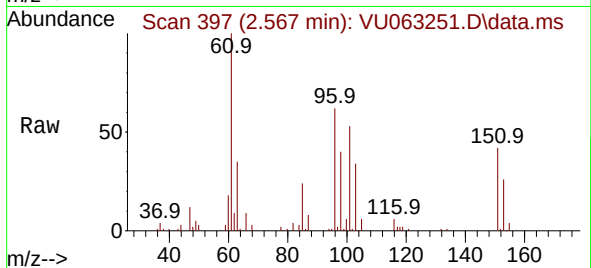




#9
1,1-Dichloroethene
Concen: 1.999 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

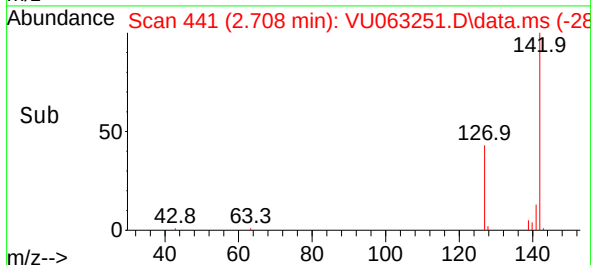
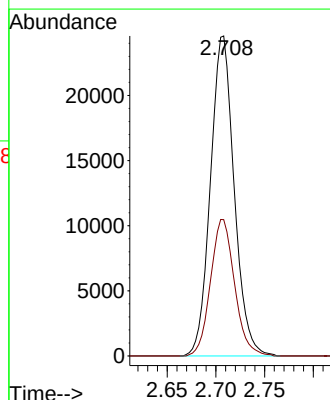
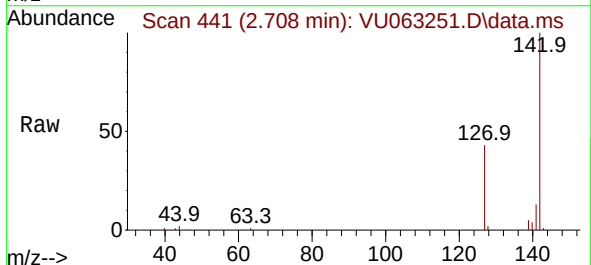
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MSVOA_U
ClientSampleId :

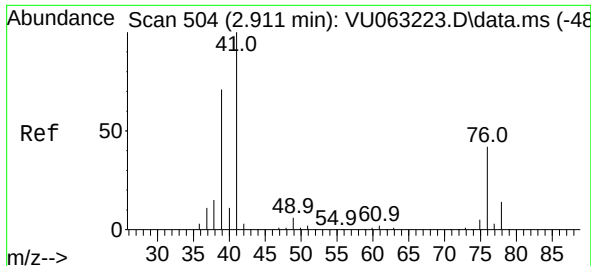
Tgt Ion: 96 Resp: 25934
Ion Ratio Lower Upper
96 100
61 161.7 0.0 492.9
98 64.4 0.0 124.0



#10
Iodomethane
Concen: 2.040 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 142 Resp: 41607
Ion Ratio Lower Upper
142 100
127 43.2 34.5 51.7

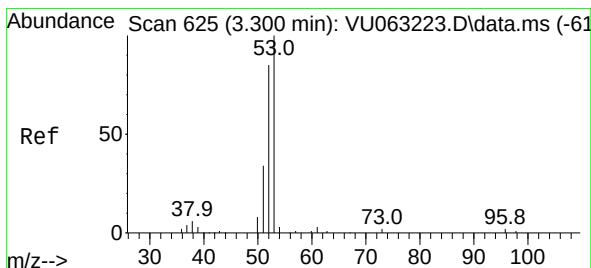
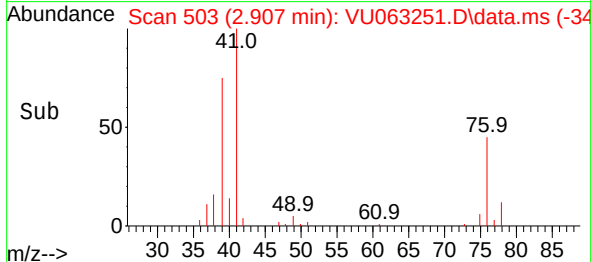
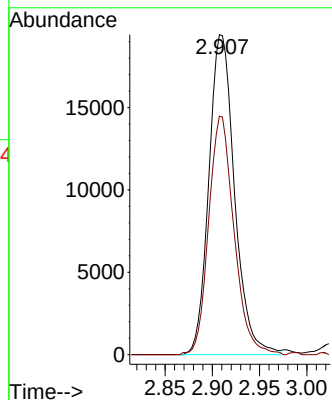
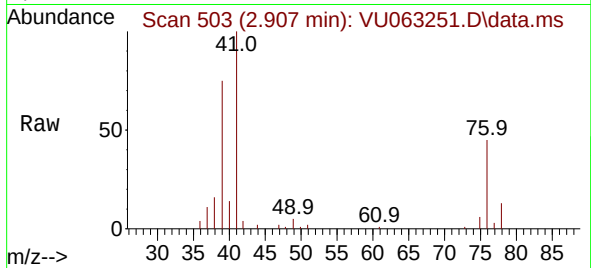




#11
Allyl Chloride
Concen: 1.974 ug/l
RT: 2.907 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

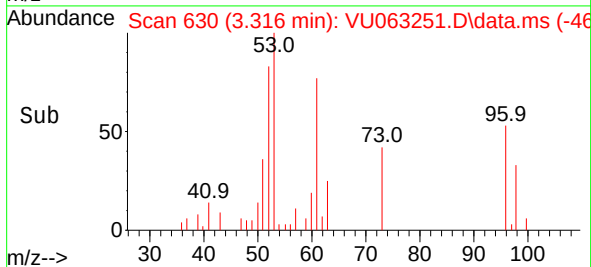
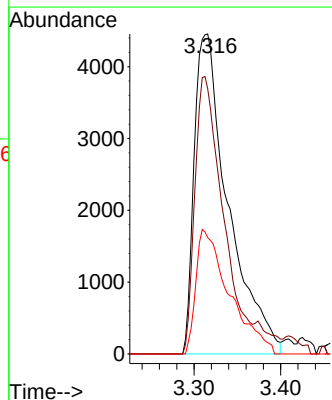
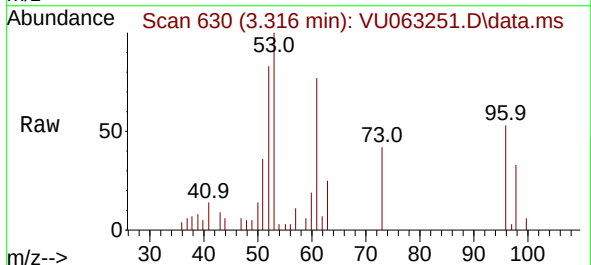
Instrument :
MSVOA_U
ClientSampleId :

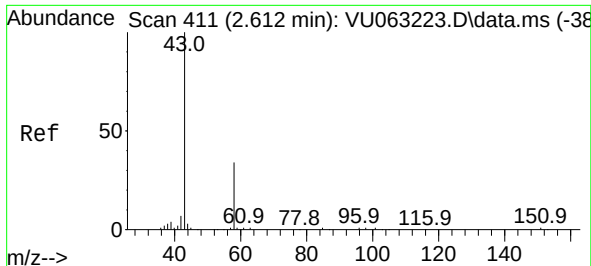
Tgt Ion: 41 Resp: 36781
Ion Ratio Lower Upper
41 100
39 73.4 57.9 86.9



#12
Acrylonitrile
Concen: 4.056 ug/l
RT: 3.316 min Scan# 630
Delta R.T. 0.016 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 53 Resp: 12135
Ion Ratio Lower Upper
53 100
52 71.4 64.2 96.2
51 38.3 30.8 46.2

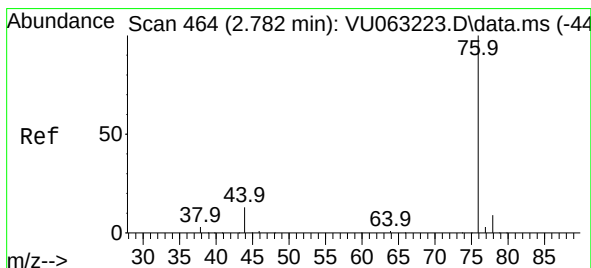
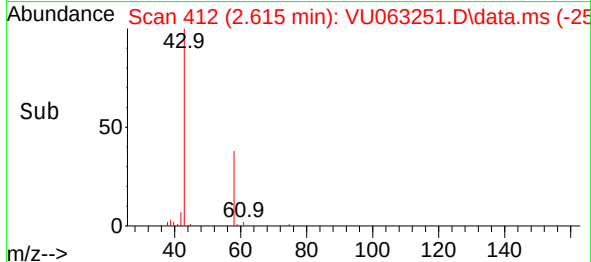
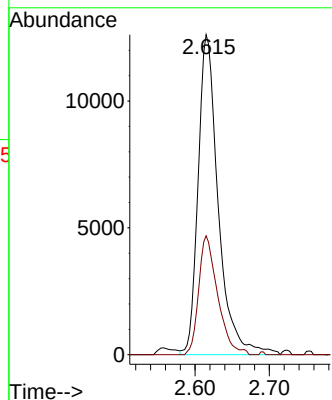
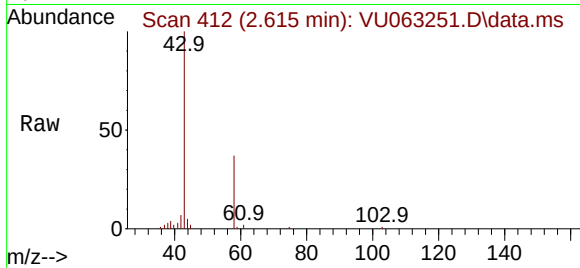




#13
Acetone
Concen: 10.336 ug/l
RT: 2.615 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

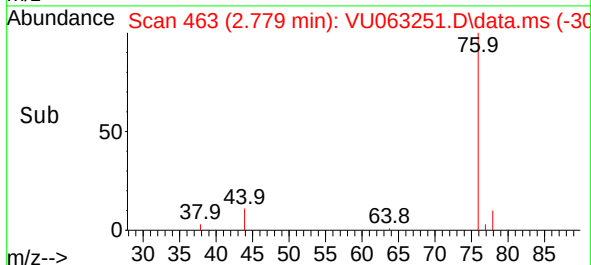
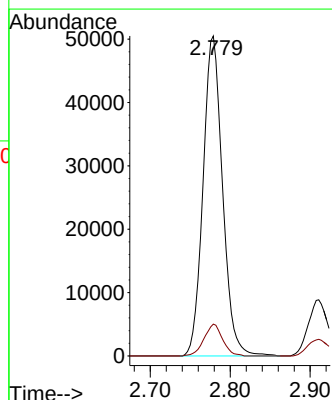
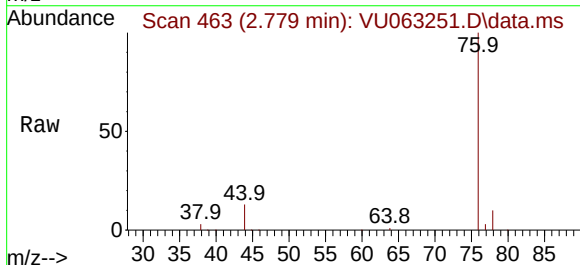
Instrument :
MSVOA_U
ClientSampleId :

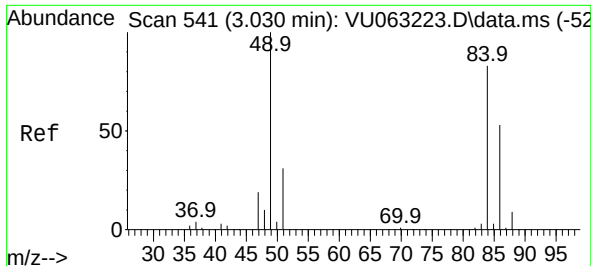
Tgt Ion: 43 Resp: 23779
Ion Ratio Lower Upper
43 100
58 37.2 27.4 41.0



#14
Carbon Disulfide
Concen: 1.891 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

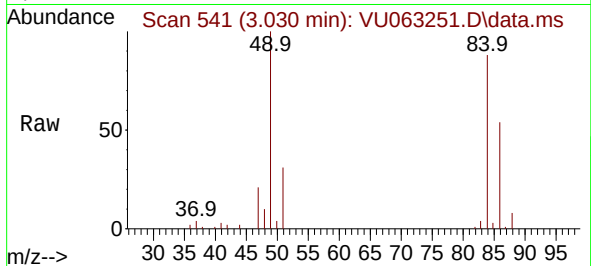
Tgt Ion: 76 Resp: 85777
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8





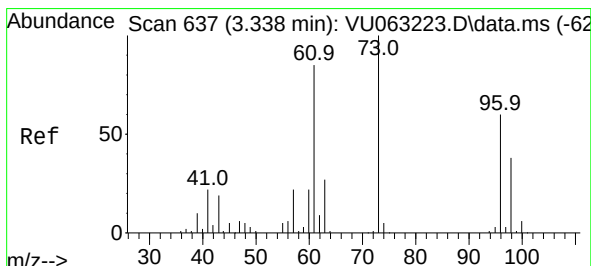
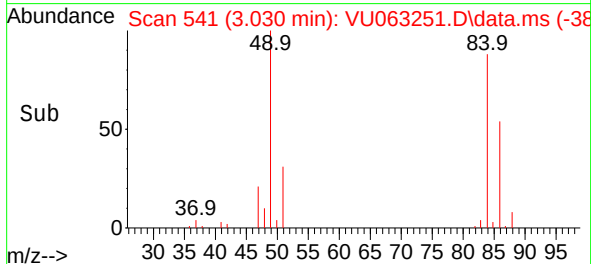
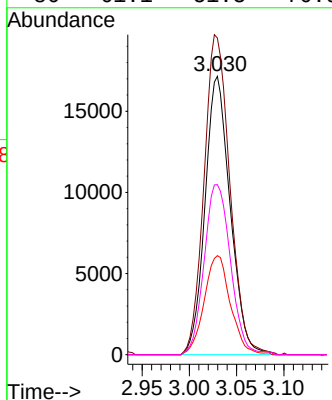
#15
Methylene Chloride
Concen: 1.985 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 31815

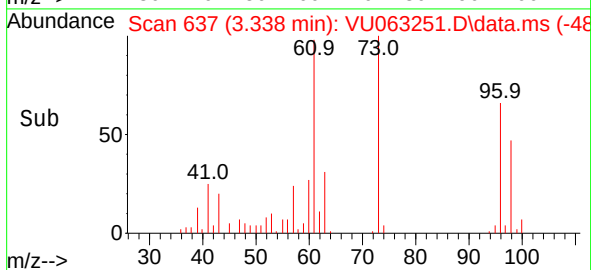
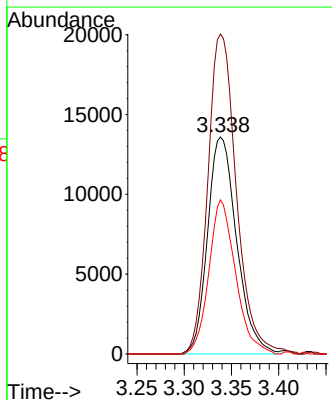
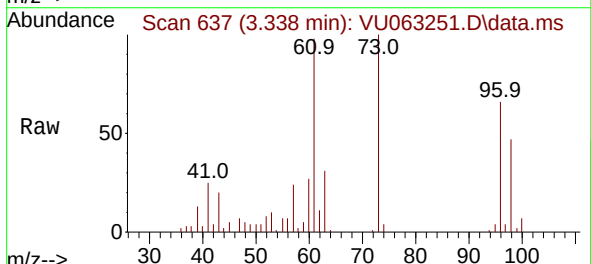
Ion	Ratio	Lower	Upper
84	100		
49	113.8	96.4	144.6
51	35.6	0.0	74.8
86	61.1	51.3	76.9

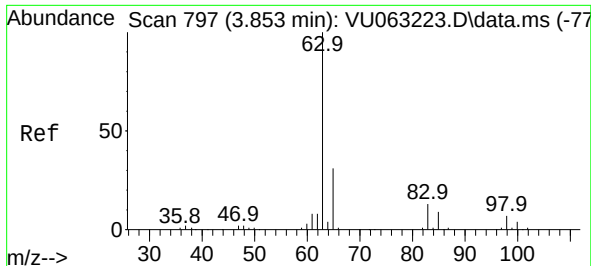


#16
trans-1,2-Dichloroethene
Concen: 1.966 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 96 Resp: 29107

Ion	Ratio	Lower	Upper
96	100		
61	147.5	113.4	170.2
98	71.0	51.2	76.8





#17

1,1-Dichloroethane

Concen: 1.986 ug/l

RT: 3.850 min Scan# 797

Delta R.T. -0.003 min

Lab File: VU063251.D

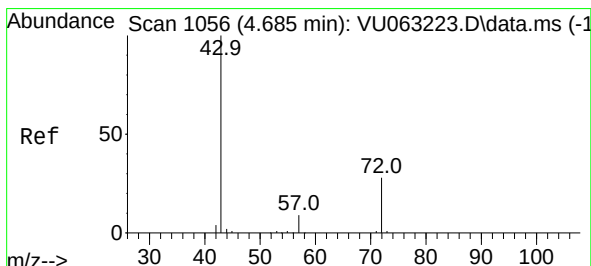
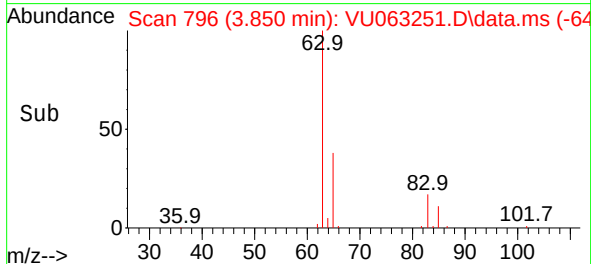
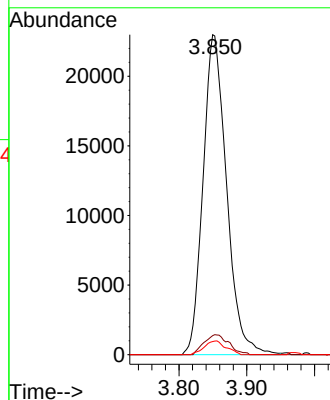
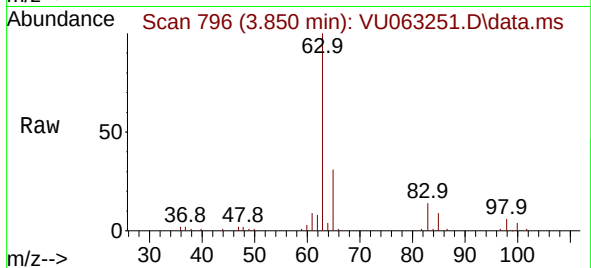
Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	55417
Ion Ratio	Lower	Upper	
63	100		
98	6.0	3.3	9.9
100	4.1	2.1	6.2



#18

2-Butanone

Concen: 8.860 ug/l

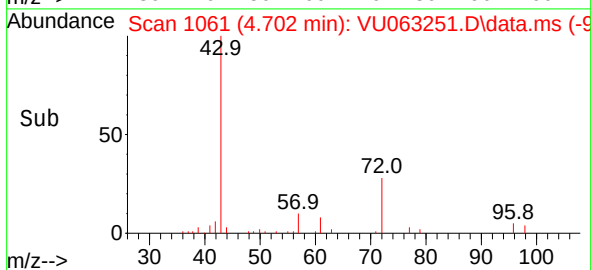
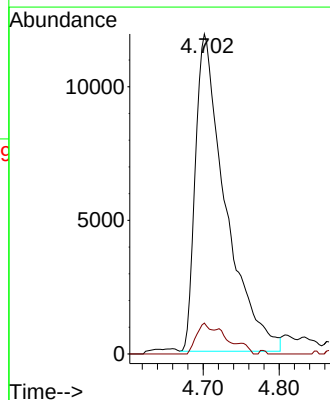
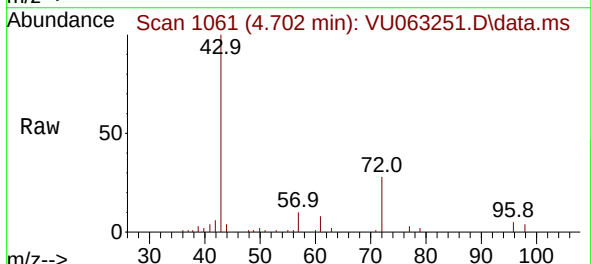
RT: 4.702 min Scan# 1061

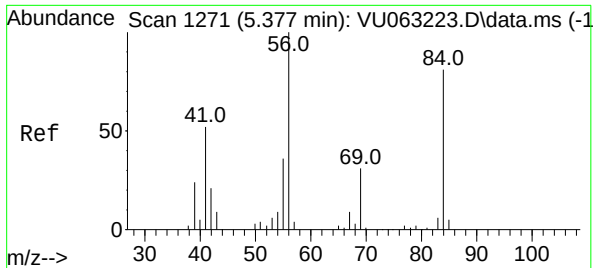
Delta R.T. 0.016 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion:	43	Resp:	32440
Ion Ratio	Lower	Upper	
43	100		
57	9.7	0.0	17.0





#19

Cyclohexane

Concen: 1.739 ug/l

RT: 5.374 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

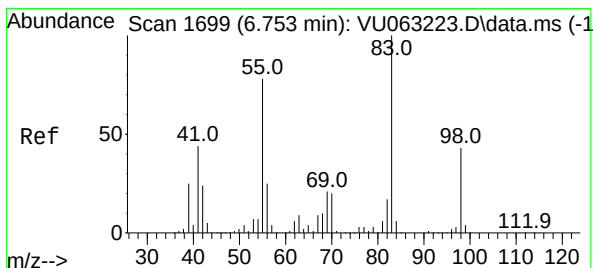
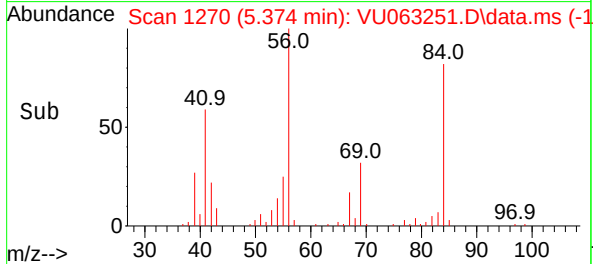
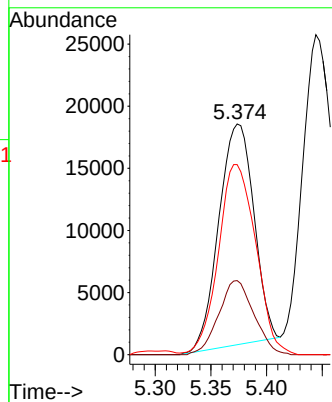
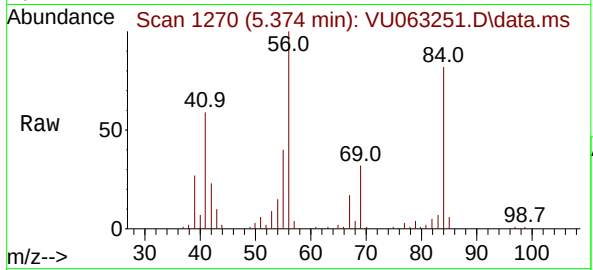
Tgt Ion: 56 Resp: 38986

Ion Ratio Lower Upper

56 100

69 33.7 24.5 36.7

84 90.8 65.2 97.8



#20

Methylcyclohexane

Concen: 1.983 ug/l

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

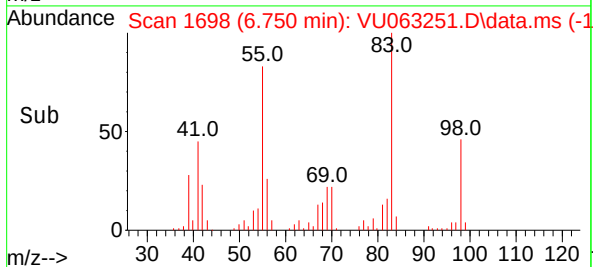
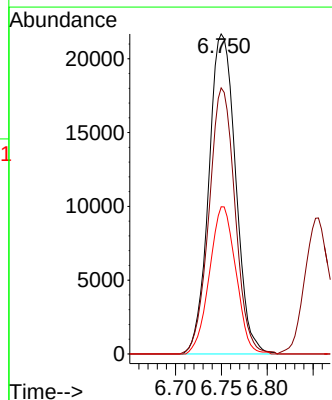
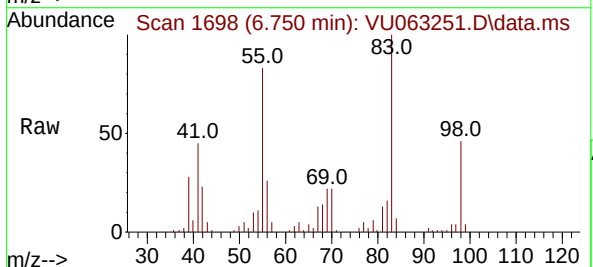
Tgt Ion: 83 Resp: 44086

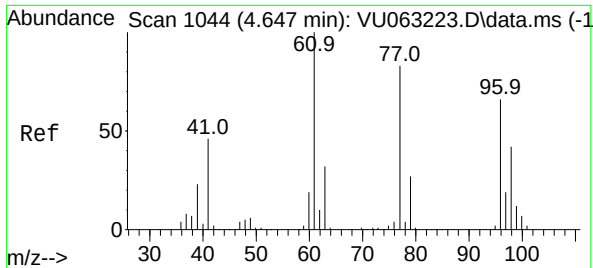
Ion Ratio Lower Upper

83 100

55 80.7 63.1 94.7

98 45.3 35.2 52.8

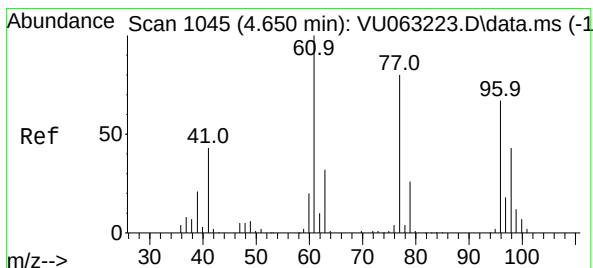
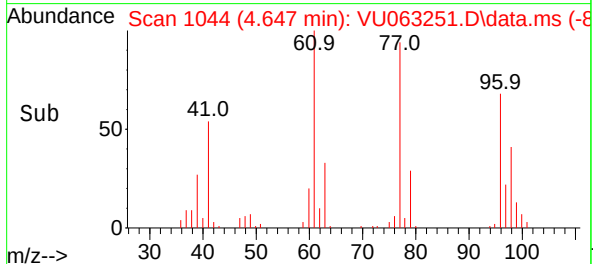
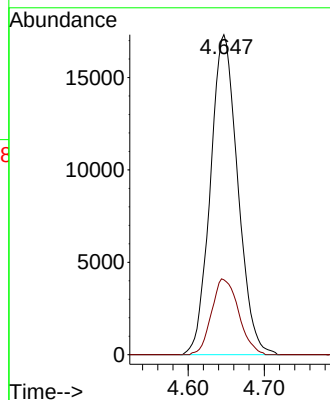
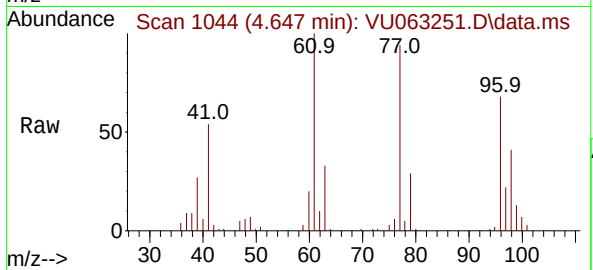




#21
2,2-Dichloropropane
Concen: 1.989 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

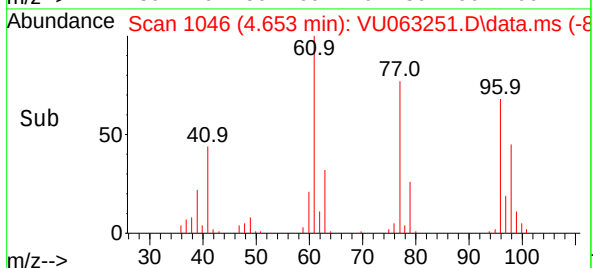
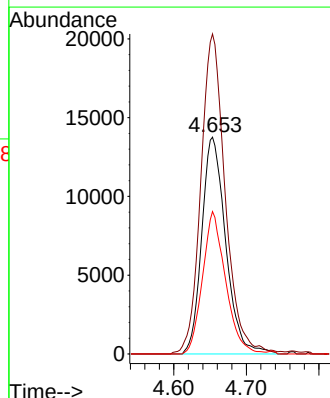
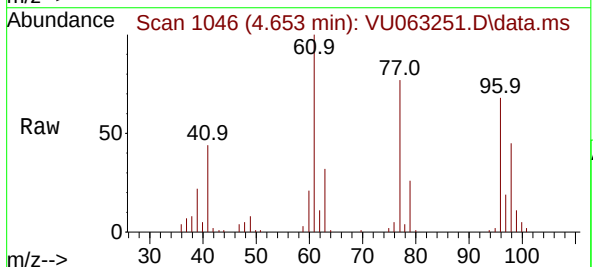
Instrument :
MSVOA_U
ClientSampleId :

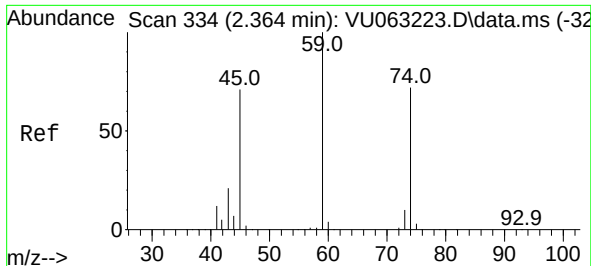
Tgt Ion: 77 Resp: 43300
Ion Ratio Lower Upper
77 100
97 23.4 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 1.974 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

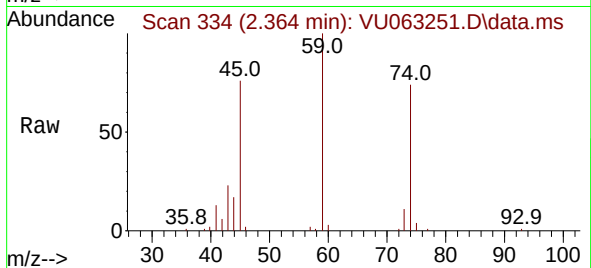
Tgt Ion: 96 Resp: 31577
Ion Ratio Lower Upper
96 100
61 150.5 0.0 373.3
98 63.2 31.9 95.9



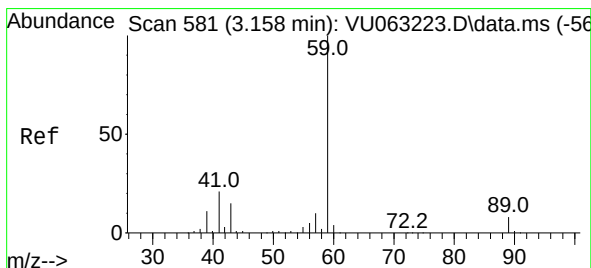
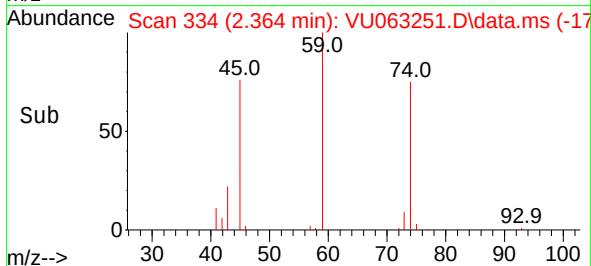
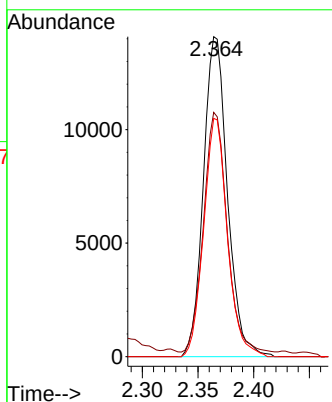


#23
Diethyl Ether
Concen: 1.904 ug/l
RT: 2.364 min Scan# 334
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :

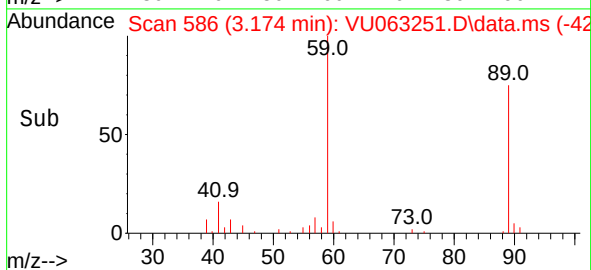
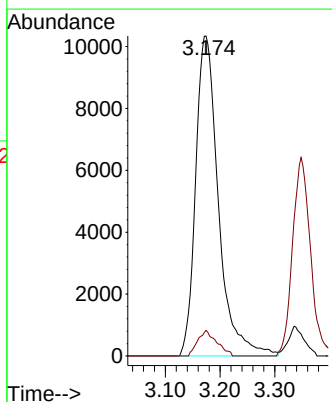
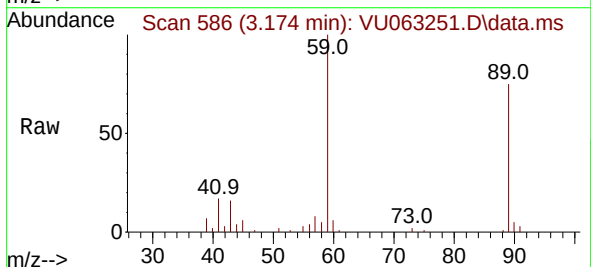


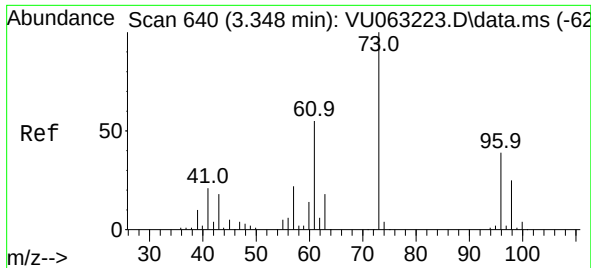
Tgt Ion: 59 Resp: 21191
Ion Ratio Lower Upper
59 100
45 73.1 57.8 86.6
74 73.3 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 21.171 ug/l
RT: 3.174 min Scan# 586
Delta R.T. 0.016 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 59 Resp: 29904
Ion Ratio Lower Upper
59 100
57 6.7 7.5 11.3#

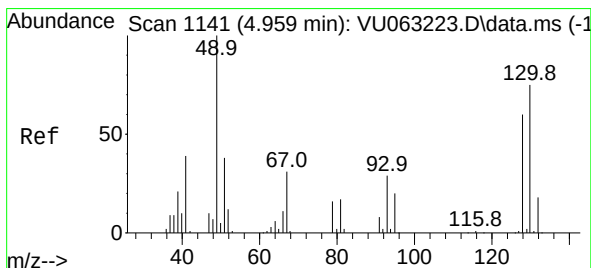
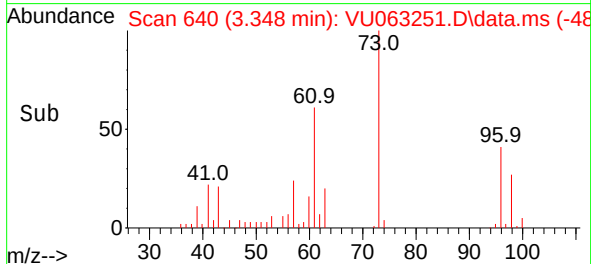
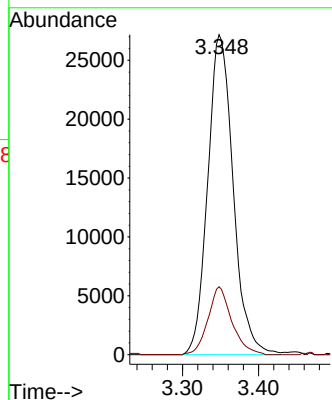
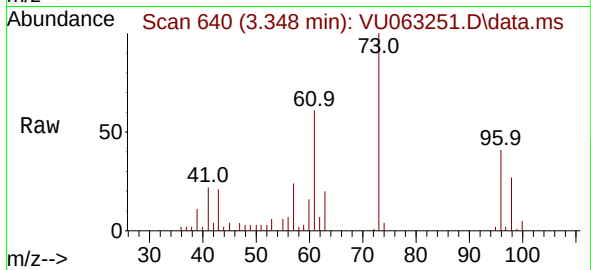




#25
Methyl tert-Butyl Ether
Concen: 1.948 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

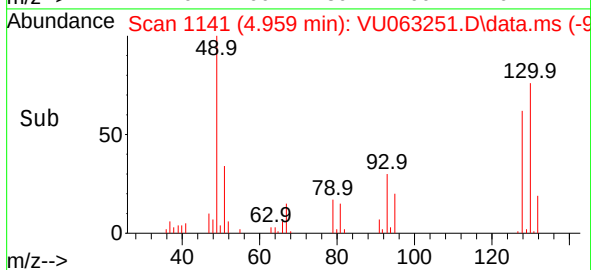
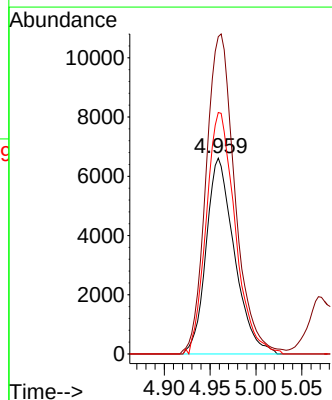
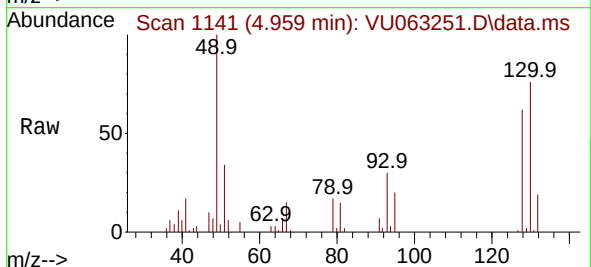
Instrument :
MSVOA_U
ClientSampleId :

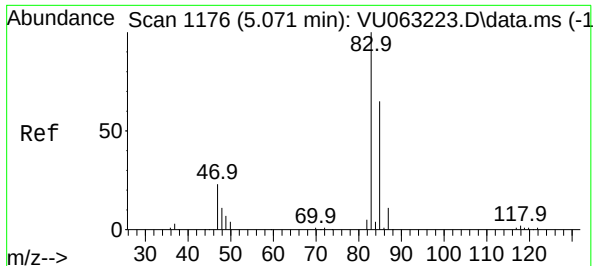
Tgt Ion: 73 Resp: 63104
Ion Ratio Lower Upper
73 100
43 19.9 14.9 22.3



#26
Bromochloromethane
Concen: 2.023 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 128 Resp: 14144
Ion Ratio Lower Upper
128 100
49 167.7 0.0 343.4
130 126.7 102.9 154.3





#27

Chloroform

Concen: 2.030 ug/l

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

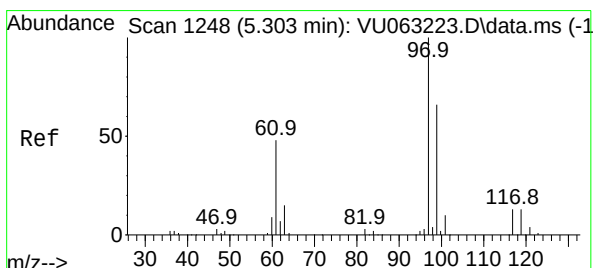
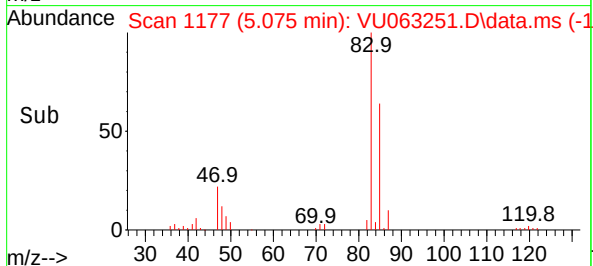
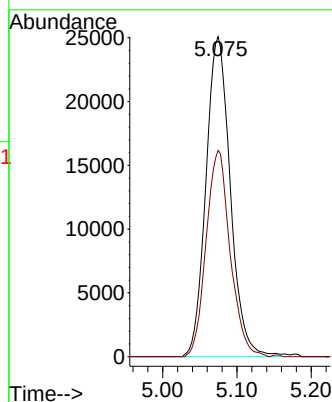
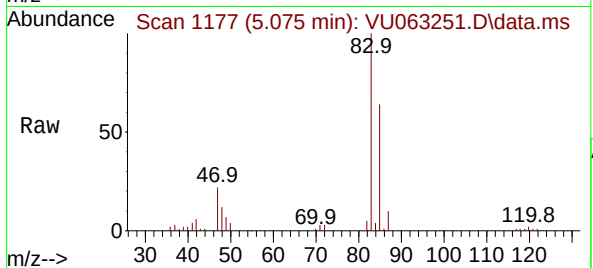
ClientSampleId :

Tgt Ion: 83 Resp: 57173

Ion Ratio Lower Upper

83 100

85 64.5 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 1.990 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

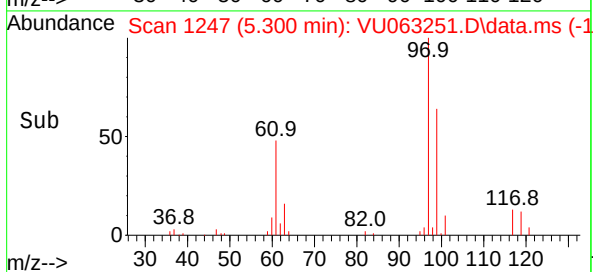
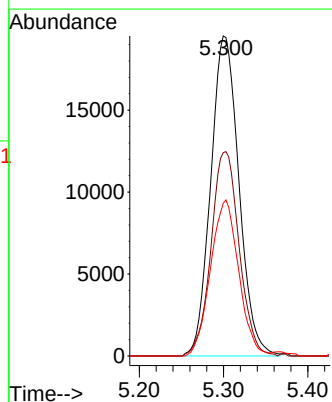
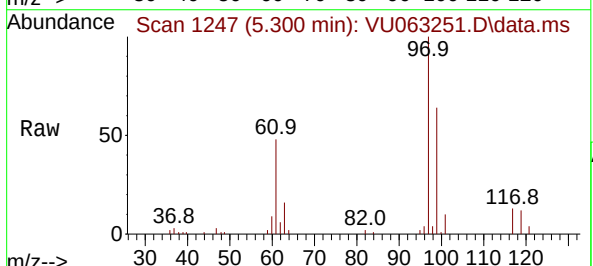
Tgt Ion: 97 Resp: 45409

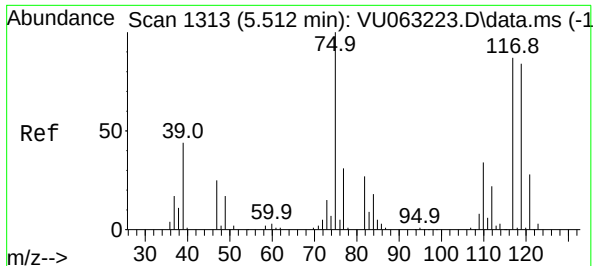
Ion Ratio Lower Upper

97 100

99 63.6 32.4 97.0

61 48.7 23.8 71.2





#29

1,1-Dichloropropene

Concen: 1.994 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

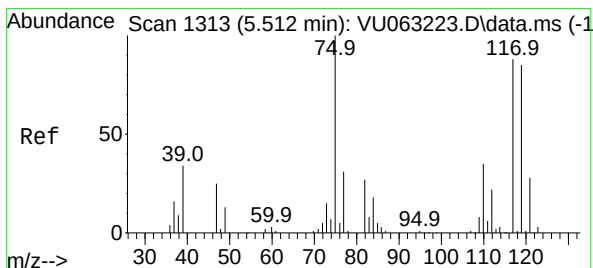
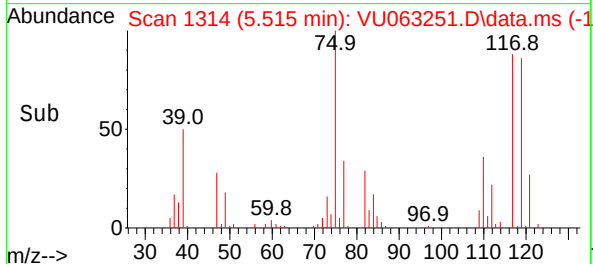
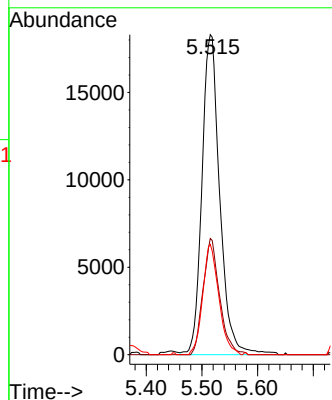
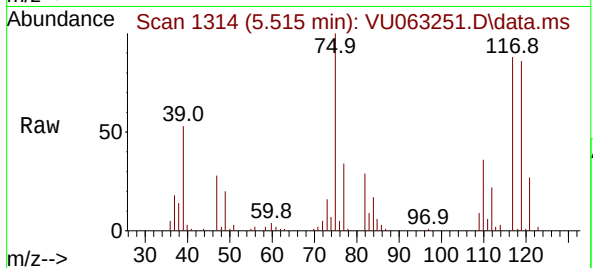
Tgt Ion: 75 Resp: 40742

Ion Ratio Lower Upper

75 100

110 33.7 17.2 51.5

77 31.2 24.6 37.0



#30

Carbon Tetrachloride

Concen: 1.928 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

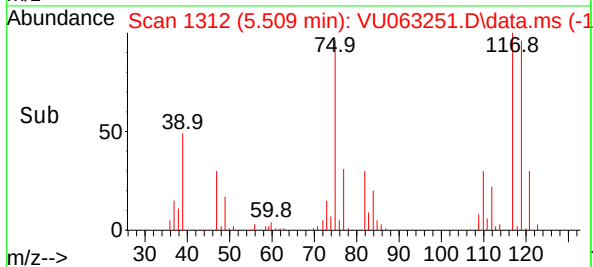
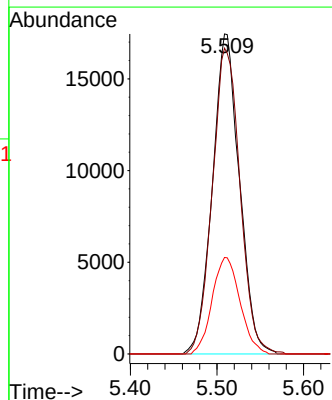
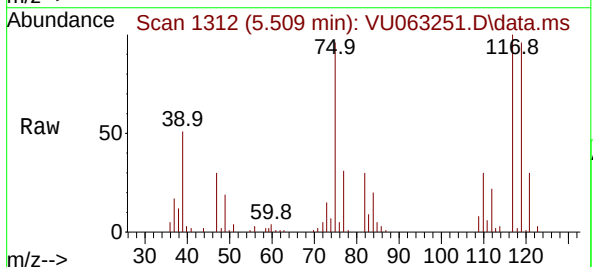
Tgt Ion: 117 Resp: 37714

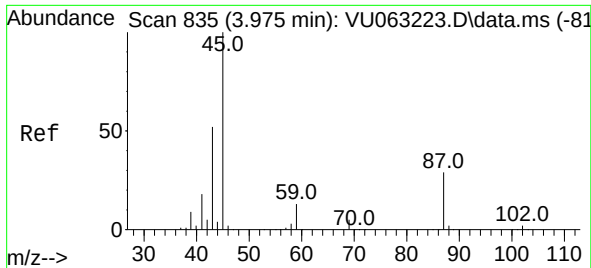
Ion Ratio Lower Upper

117 100

119 95.6 76.7 115.1

121 30.2 25.5 38.3

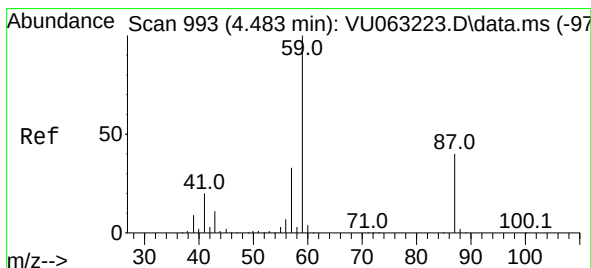
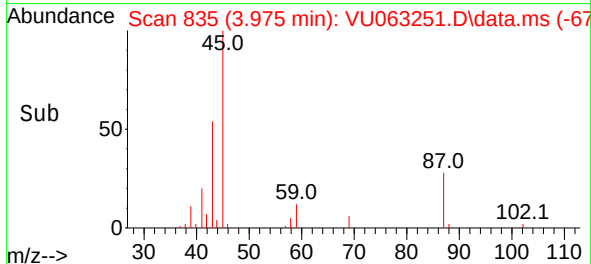
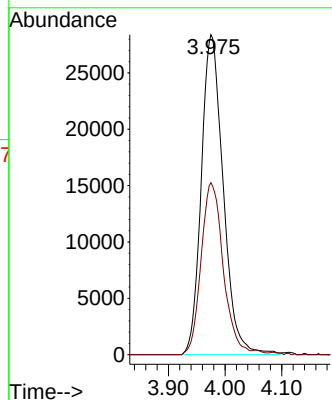
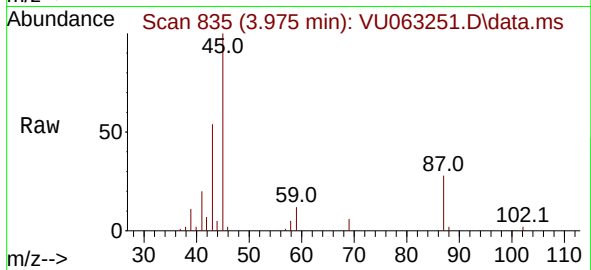




#31
Isopropyl Ether
Concen: 1.916 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

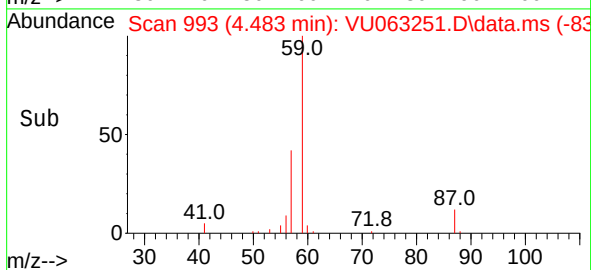
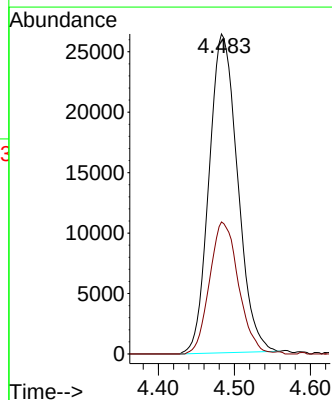
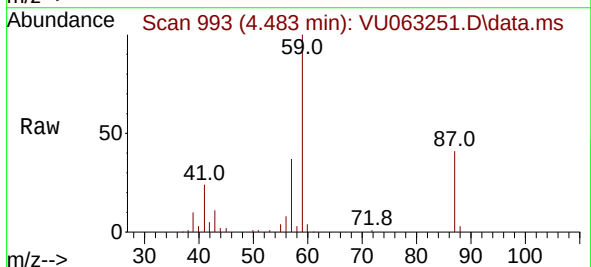
Instrument :
MSVOA_U
ClientSampleId :

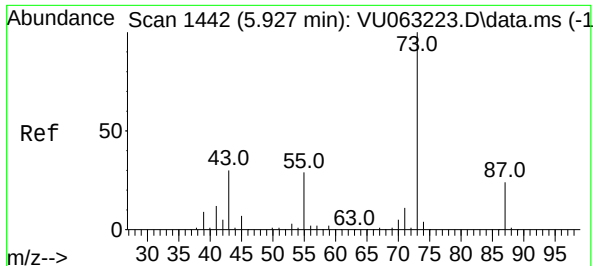
Tgt Ion: 45 Resp: 76353
Ion Ratio Lower Upper
45 100
43 54.0 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 1.900 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

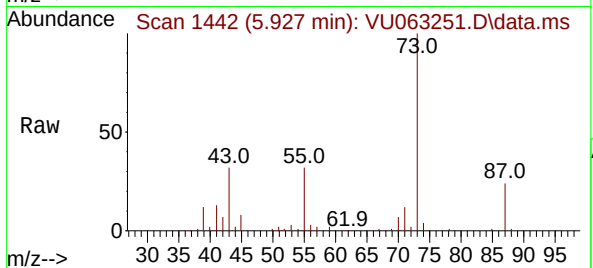
Tgt Ion: 59 Resp: 68833
Ion Ratio Lower Upper
59 100
87 41.1 32.6 49.0



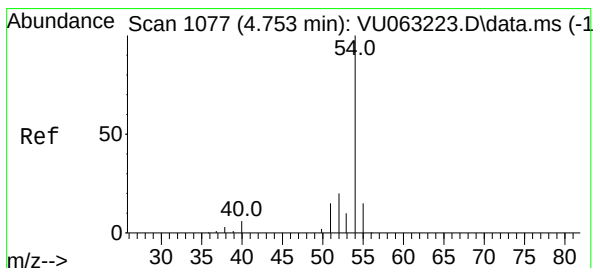
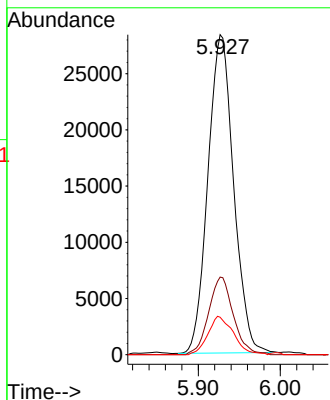
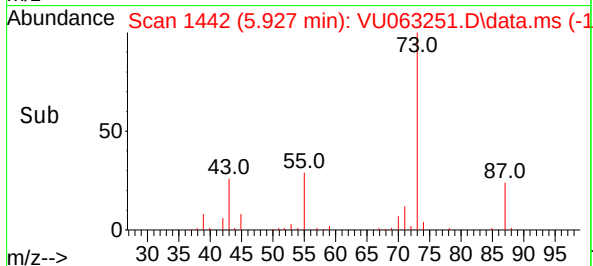


#33
Tert-Amyl methyl ether
Concen: 1.945 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :

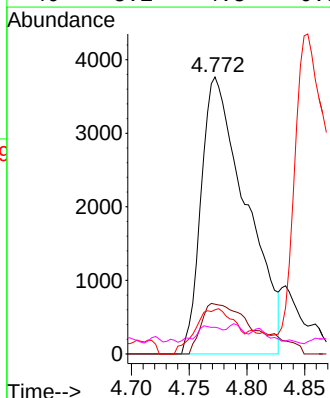
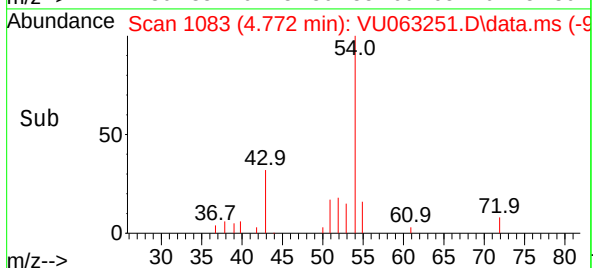
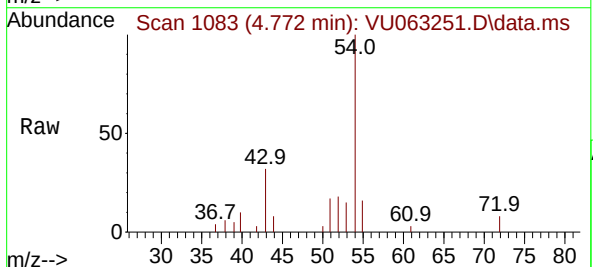


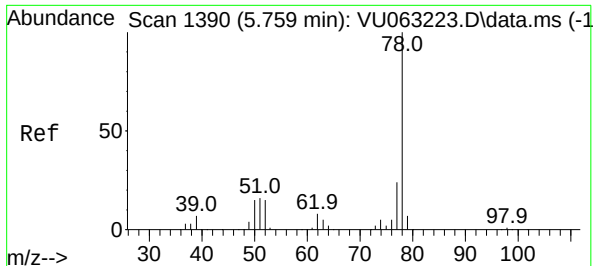
Tgt Ion: 73	Resp: 61563
Ion Ratio	Lower Upper
73	100
87	23.4 18.9 28.3
71	12.0 9.0 13.4



#34
Propionitrile
Concen: 9.212 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.019 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 54	Resp: 10173
Ion Ratio	Lower Upper
54	100
52	21.9 16.3 24.5
55	14.5 11.8 17.6
40	3.1 4.3 6.5





#35

Benzene

Concen: 1.993 ug/l

RT: 5.763 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

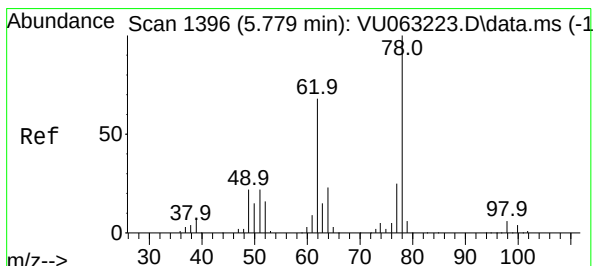
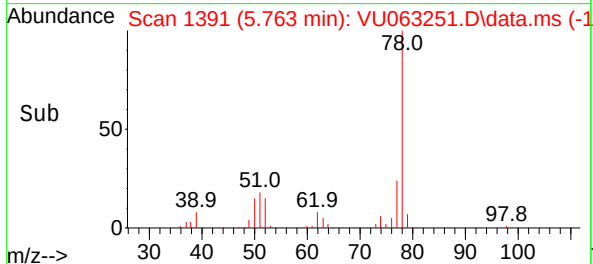
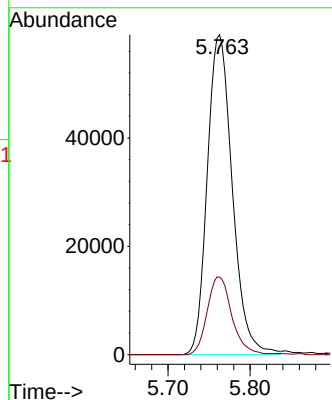
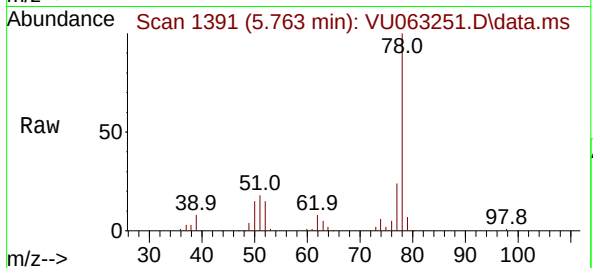
ClientSampleId :

Tgt Ion: 78 Resp: 125217

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



#36

1,2-Dichloroethane

Concen: 2.013 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063251.D

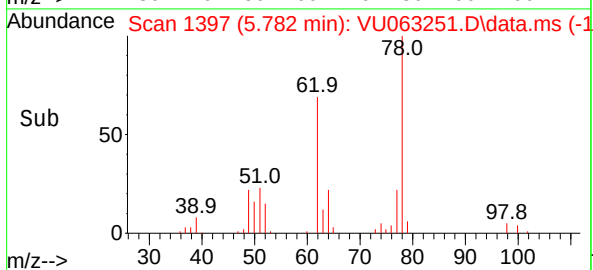
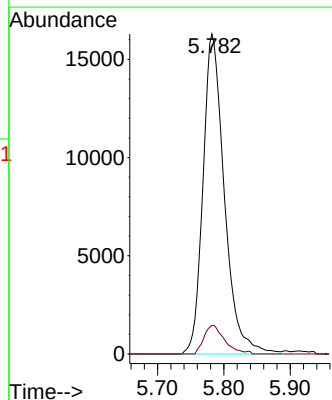
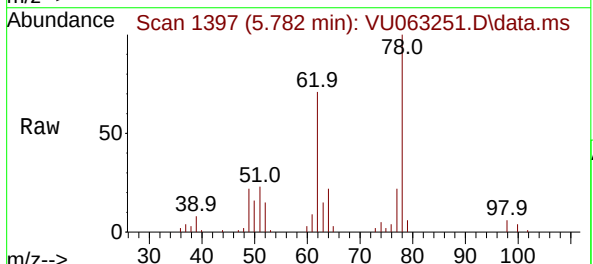
Acq: 12 Feb 2025 12:56

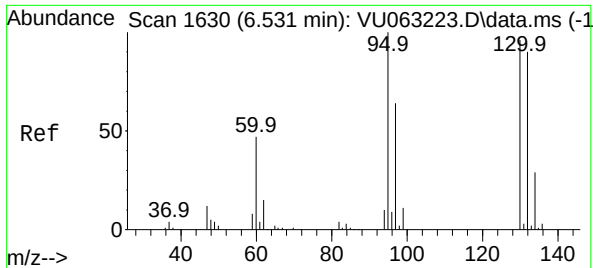
Tgt Ion: 62 Resp: 36496

Ion Ratio Lower Upper

62 100

98 8.4 6.9 10.3





#37

Trichloroethene

Concen: 2.023 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

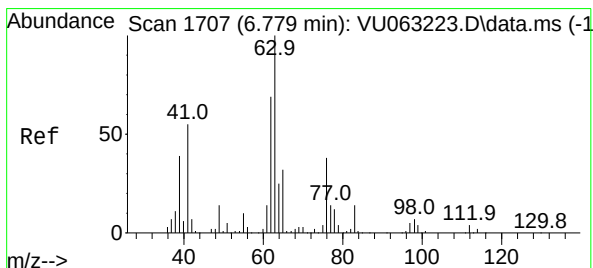
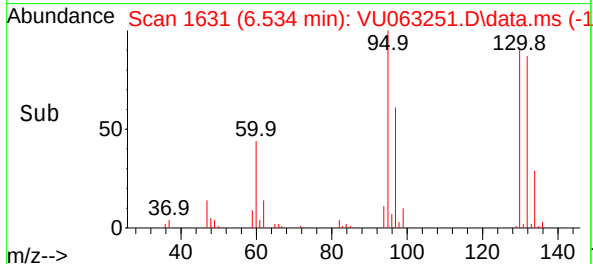
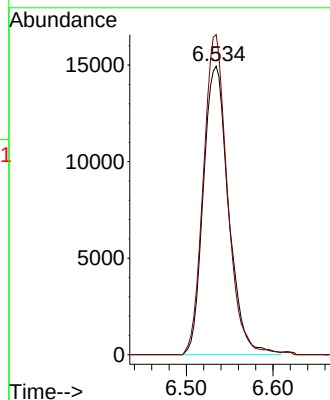
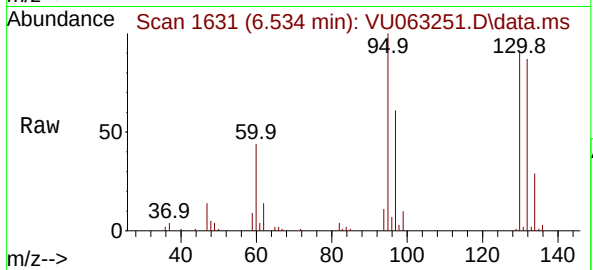
ClientSampleId :

Tgt Ion:130 Resp: 30224

Ion Ratio Lower Upper

130 100

95 110.9 83.2 124.8



#38

1,2-Dichloropropane

Concen: 1.965 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063251.D

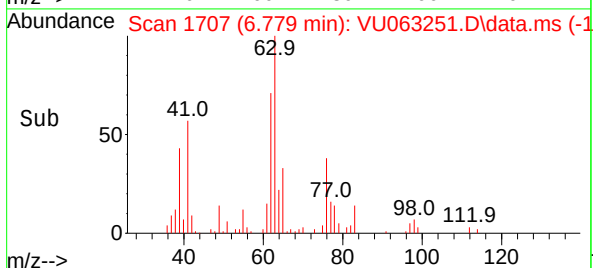
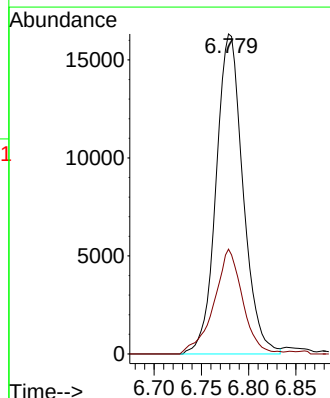
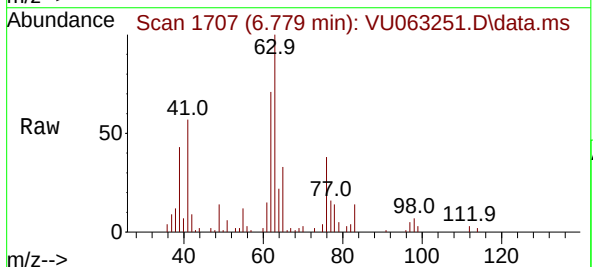
Acq: 12 Feb 2025 12:56

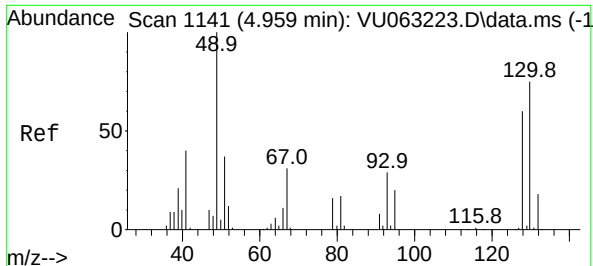
Tgt Ion: 63 Resp: 32315

Ion Ratio Lower Upper

63 100

65 32.7 25.3 37.9





#39

Methacrylonitrile

Concen: 1.967 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.013 min

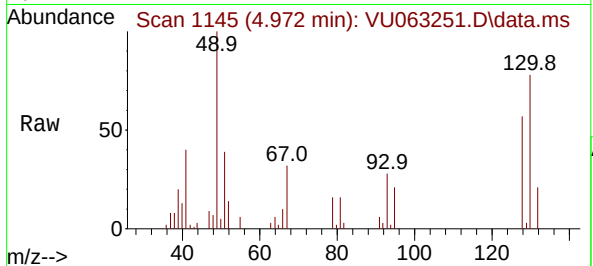
Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 8096

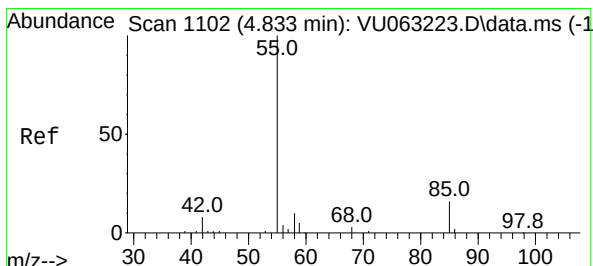
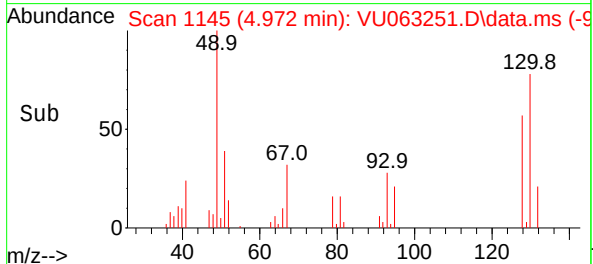
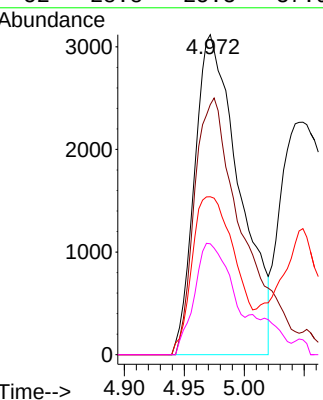
Ion Ratio Lower Upper

41 100

67 87.2 64.5 96.7

39 47.9 43.0 64.6

52 28.8 25.3 37.9



#40

Methyl acrylate

Concen: 1.583 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.019 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion: 55 Resp: 12009

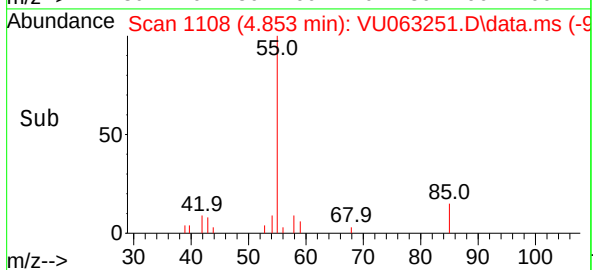
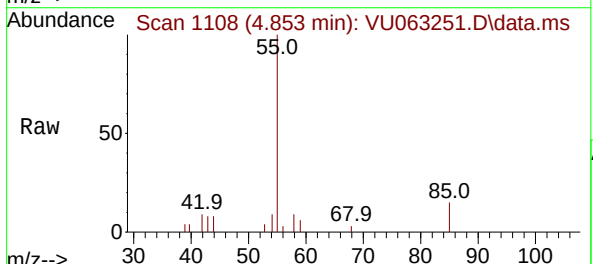
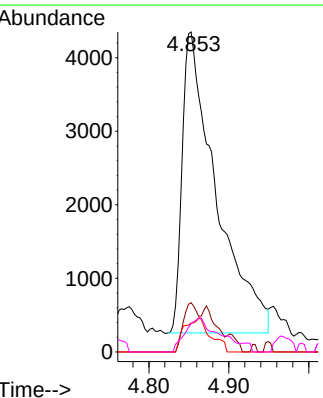
Ion Ratio Lower Upper

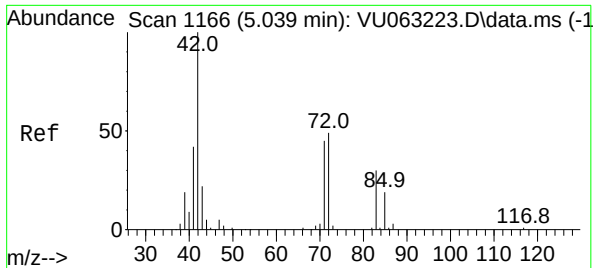
55 100

85 0.0 13.3 19.9#

58 8.7 7.3 10.9

42 11.0 6.9 10.3#





#41

Tetrahydrofuran

Concen: 3.786 ug/l

RT: 5.049 min Scan# 1166

Delta R.T. 0.010 min

Lab File: VU063251.D

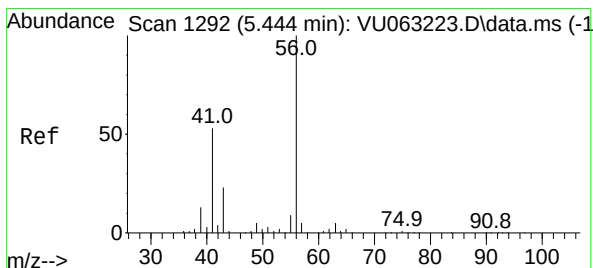
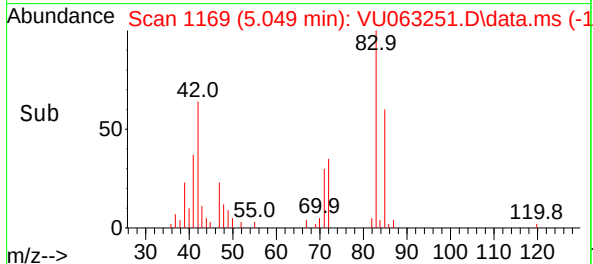
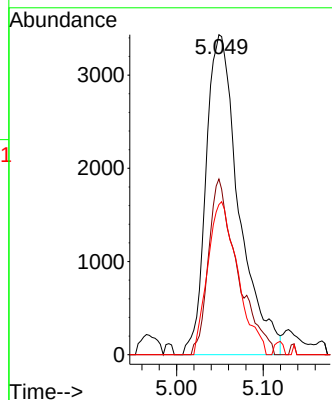
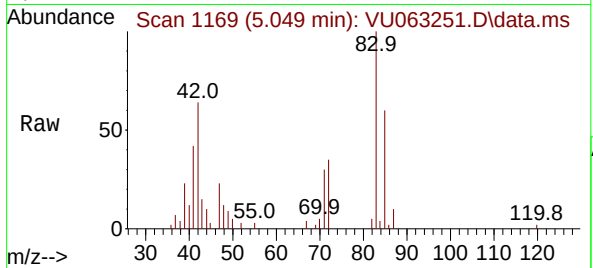
Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	9062
Ion Ratio	Lower	Upper	
42	100		
72	48.1	41.5	62.3
71	43.5	37.2	55.8



#42

1-Chlorobutane

Concen: 1.932 ug/l

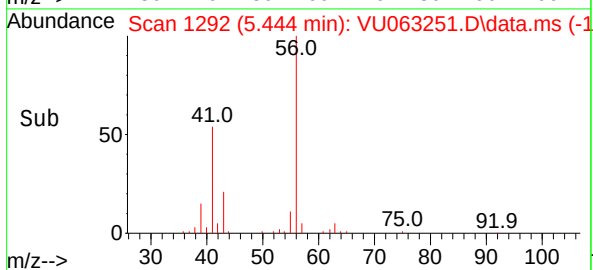
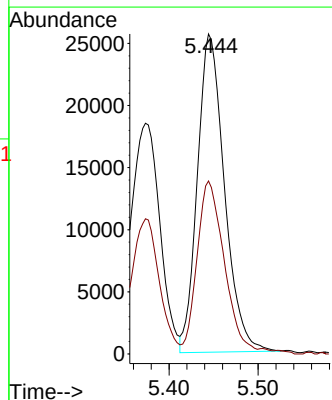
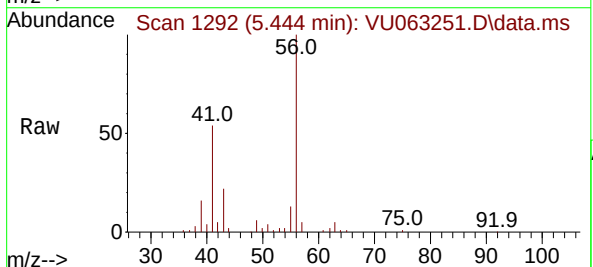
RT: 5.444 min Scan# 1292

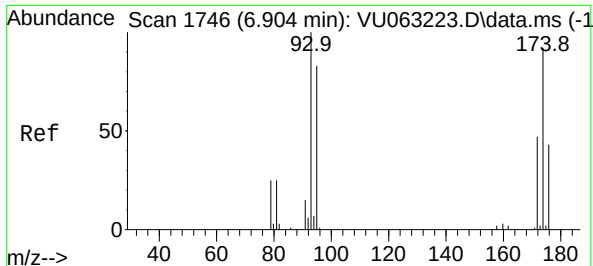
Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion:	56	Resp:	54007
Ion Ratio	Lower	Upper	
56	100		
41	52.1	26.3	78.8





#43

Dibromomethane

Concen: 1.996 ug/l

RT: 6.907 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

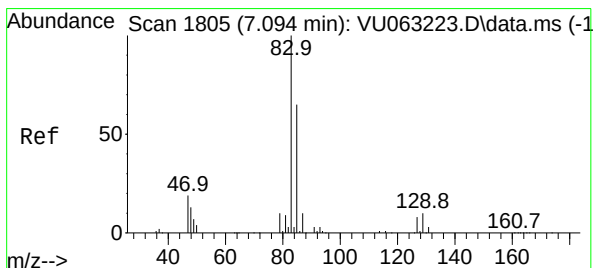
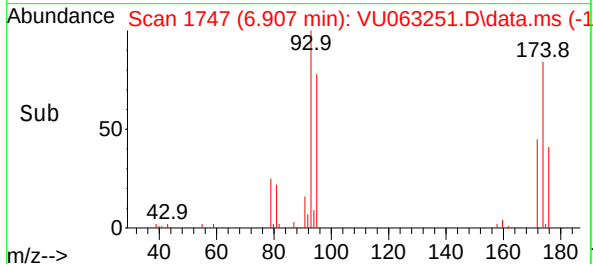
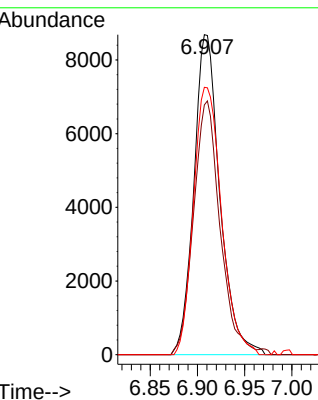
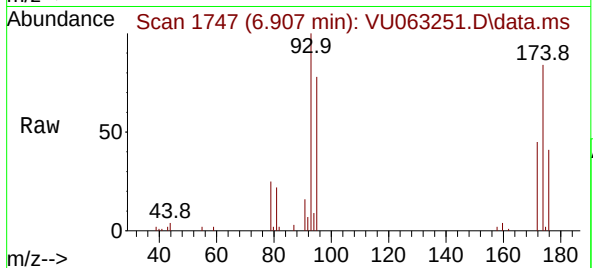
Tgt Ion: 93 Resp: 16622

Ion Ratio Lower Upper

93 100

95 80.7 67.2 100.8

174 90.0 75.7 113.5



#44

Bromodichloromethane

Concen: 2.026 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

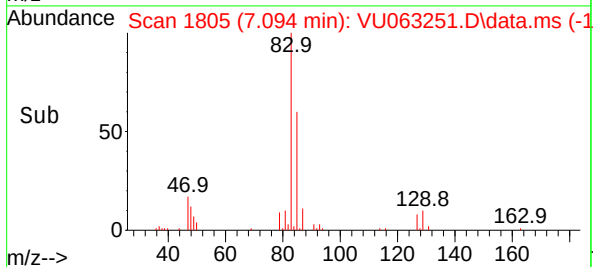
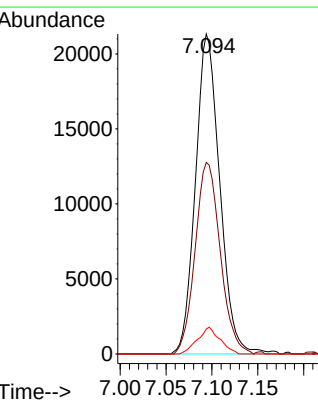
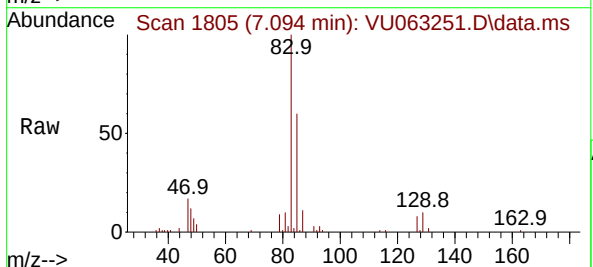
Tgt Ion: 83 Resp: 39273

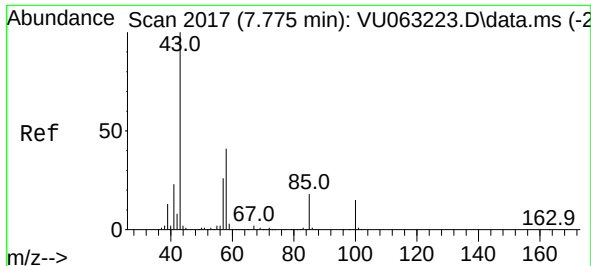
Ion Ratio Lower Upper

83 100

85 59.8 51.7 77.5

127 7.8 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 9.516 ug/l

RT: 7.782 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

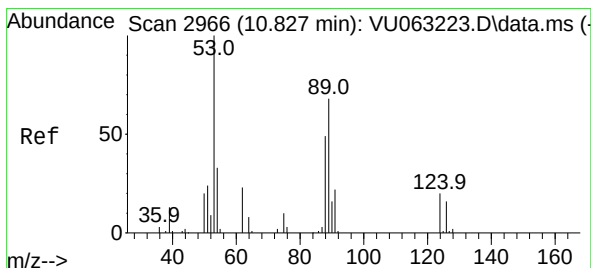
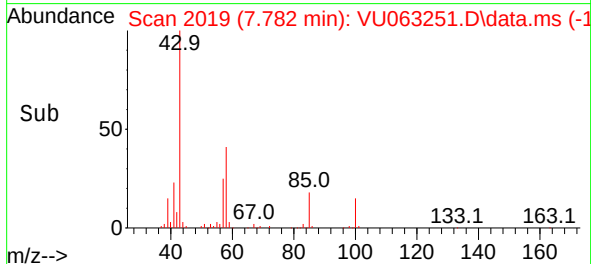
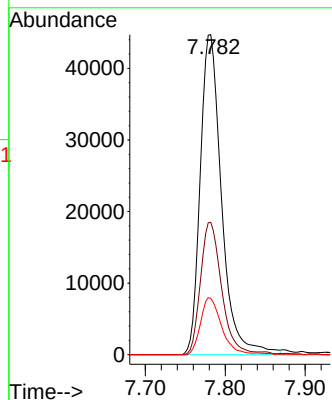
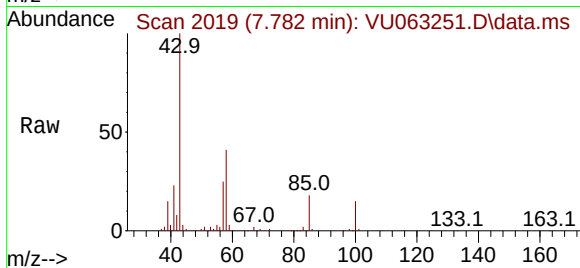
Tgt Ion: 43 Resp: 83073

Ion Ratio Lower Upper

43 100

58 40.9 20.8 62.5

85 17.4 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 8.650 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion: 75 Resp: 35497

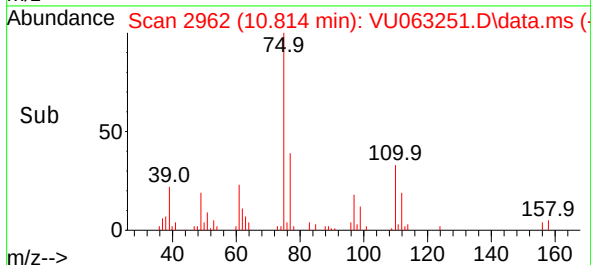
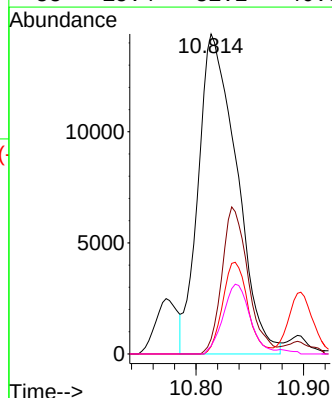
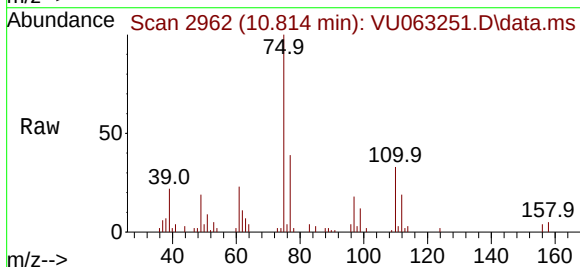
Ion Ratio Lower Upper

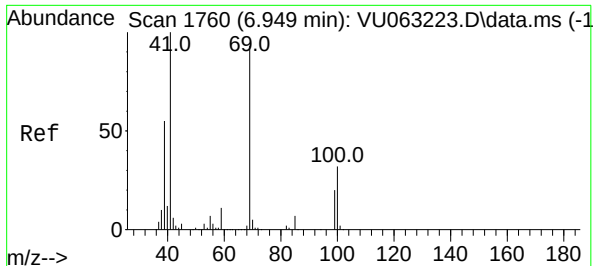
75 100

53 31.6 64.5 96.7#

89 19.1 43.4 65.2#

88 15.4 31.2 46.8#





#47

Methyl methacrylate

Concen: 3.888 ug/l

RT: 6.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 27267

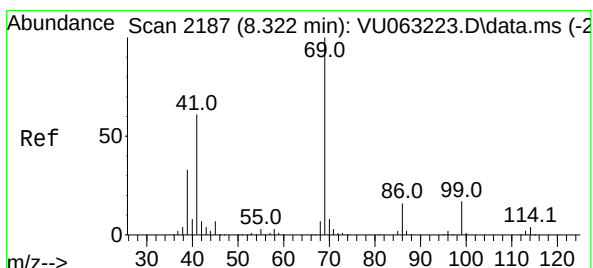
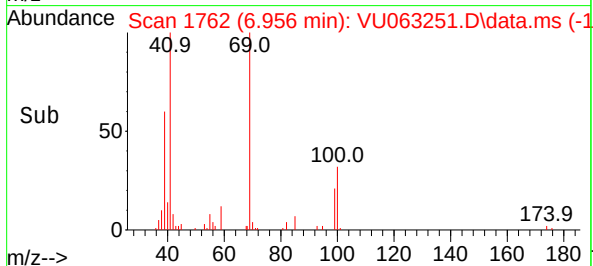
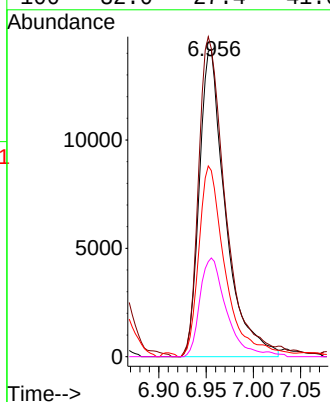
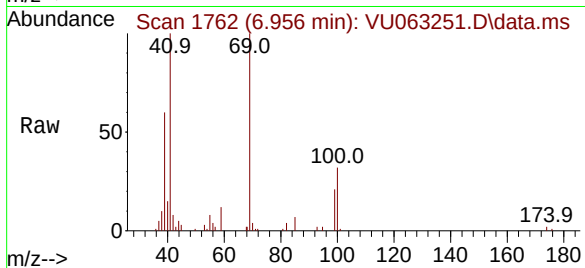
Ion Ratio Lower Upper

69 100

41 107.9 0.0 217.0

39 63.1 47.7 71.5

100 32.0 27.4 41.0



#48

Ethyl methacrylate

Concen: 1.928 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VU063251.D

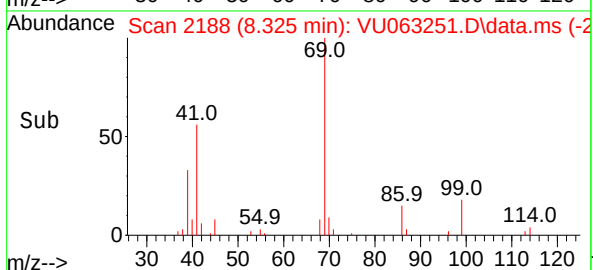
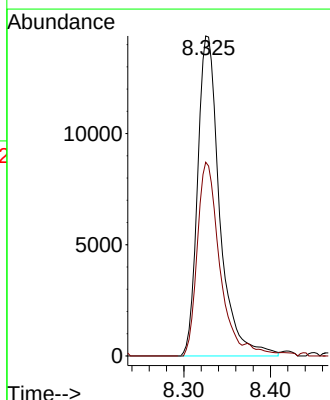
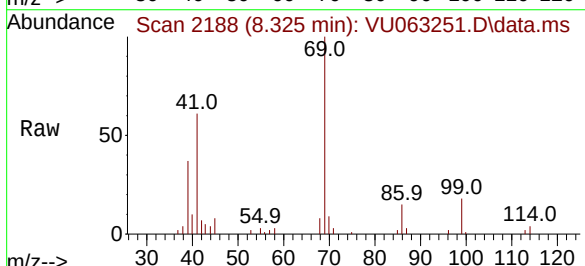
Acq: 12 Feb 2025 12:56

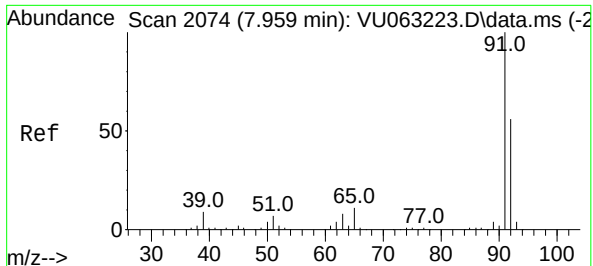
Tgt Ion: 69 Resp: 25396

Ion Ratio Lower Upper

69 100

41 59.5 30.6 92.0





#49

Toluene

Concen: 1.979 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

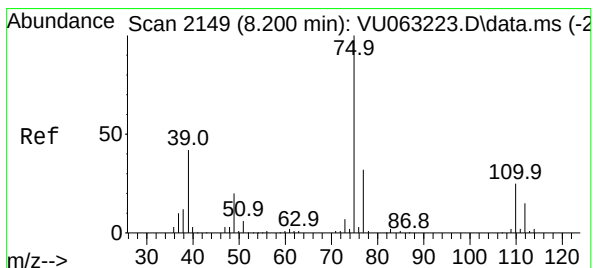
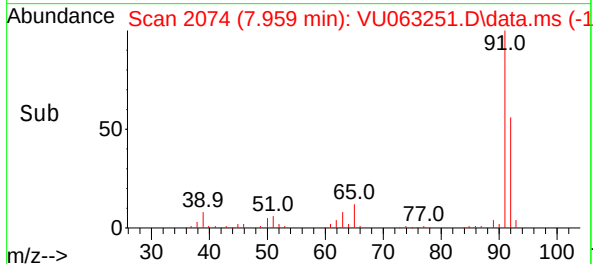
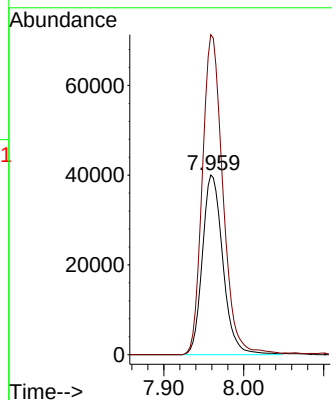
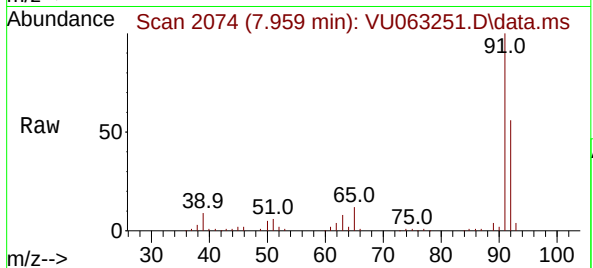
ClientSampleId :

Tgt Ion: 92 Resp: 71512

Ion Ratio Lower Upper

92 100

91 178.7 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 1.956 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063251.D

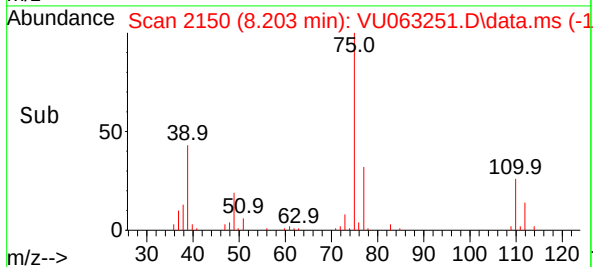
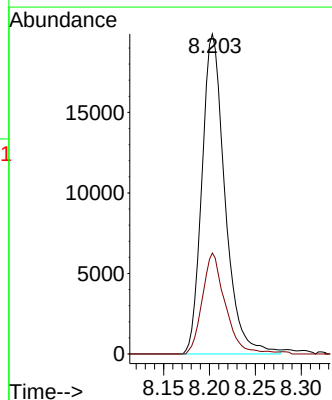
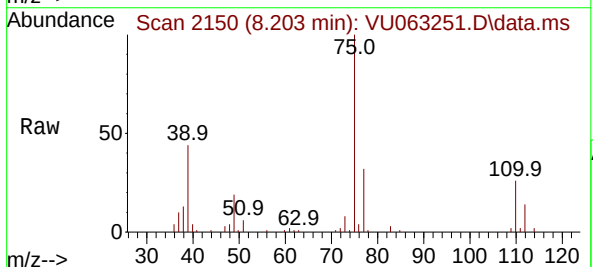
Acq: 12 Feb 2025 12:56

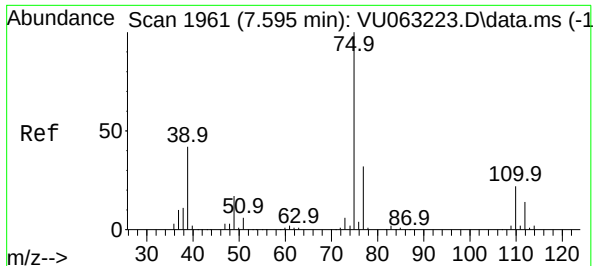
Tgt Ion: 75 Resp: 34712

Ion Ratio Lower Upper

75 100

77 31.6 25.9 38.9

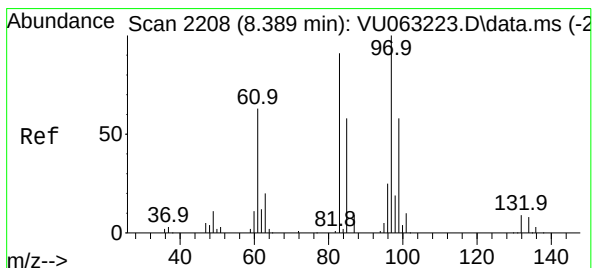
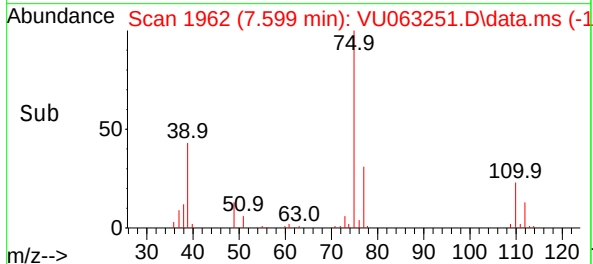
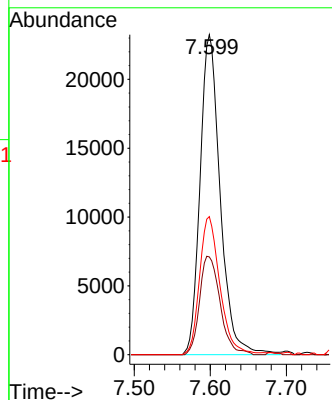
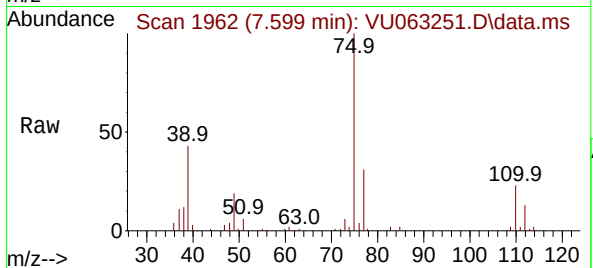




#51
 cis-1,3-Dichloropropene
 Concen: 1.953 ug/l
 RT: 7.599 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

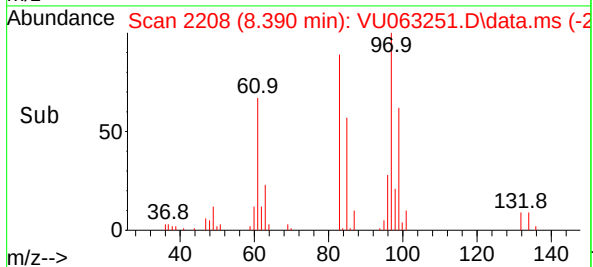
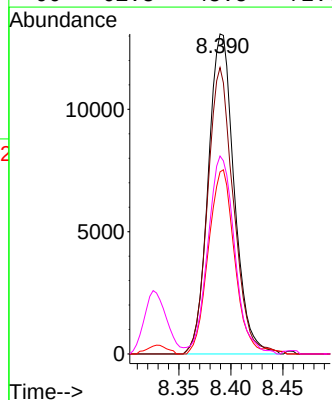
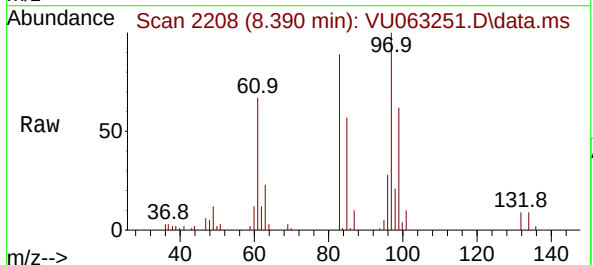
Instrument :
 MSVOA_U
 ClientSampleId :

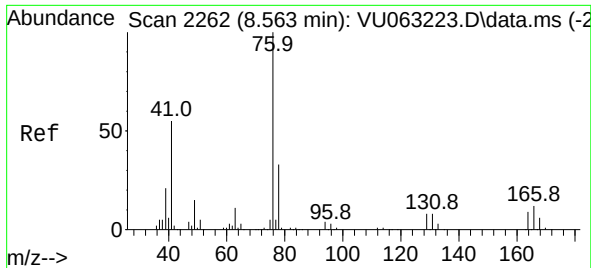
Tgt Ion:	75	Resp:	42816
Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.3	37.9
39	43.1	33.5	50.3



#52
 1,1,2-Trichloroethane
 Concen: 2.026 ug/l
 RT: 8.390 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

Tgt Ion:	97	Resp:	22745
Ion	Ratio	Lower	Upper
97	100		
83	89.5	73.0	109.4
85	56.9	46.3	69.5
99	61.8	48.5	72.7





#53

1,3-Dichloropropane

Concen: 1.988 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

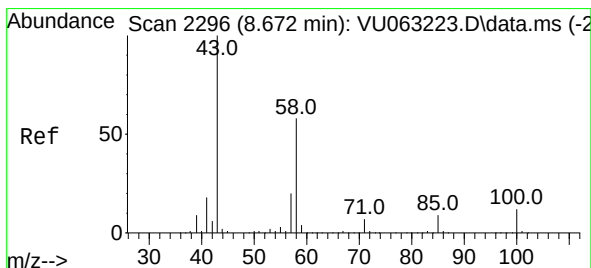
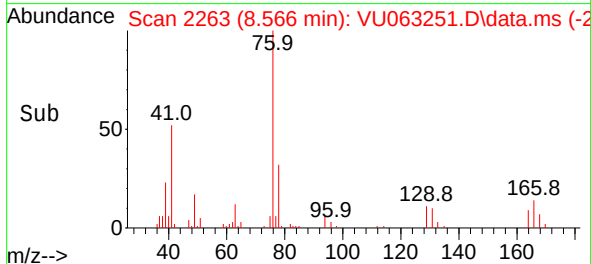
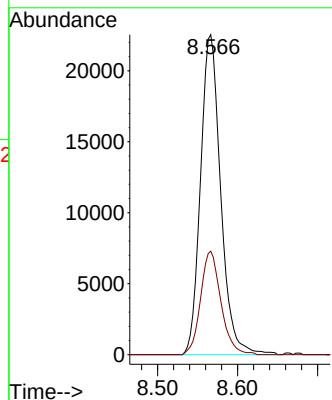
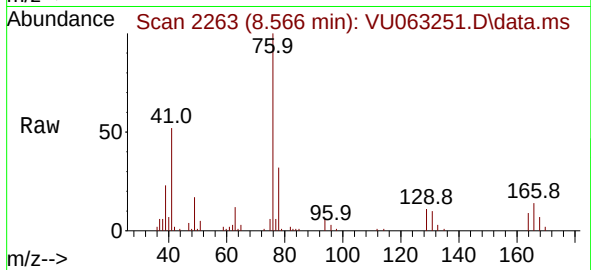
ClientSampleId :

Tgt Ion: 76 Resp: 39631

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#54

2-Hexanone

Concen: 9.005 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

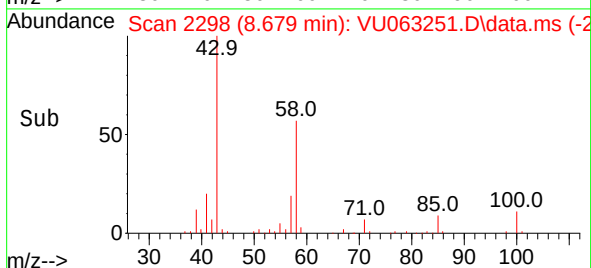
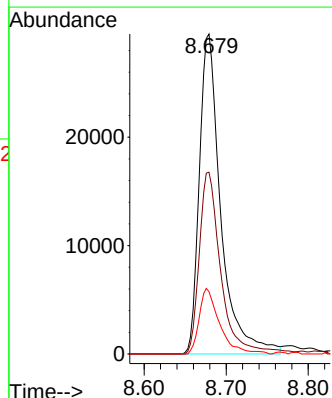
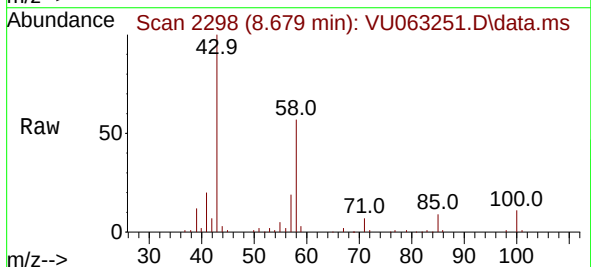
Tgt Ion: 43 Resp: 53643

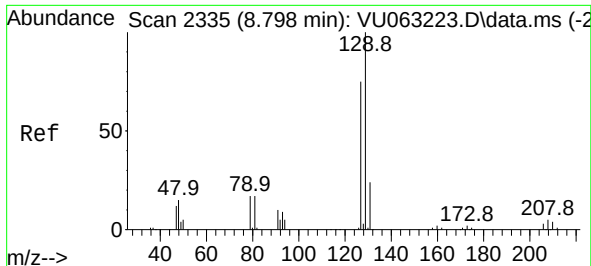
Ion Ratio Lower Upper

43 100

58 57.0 38.0 78.0

57 19.5 0.0 39.1





#55

Dibromochloromethane

Concen: 1.970 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

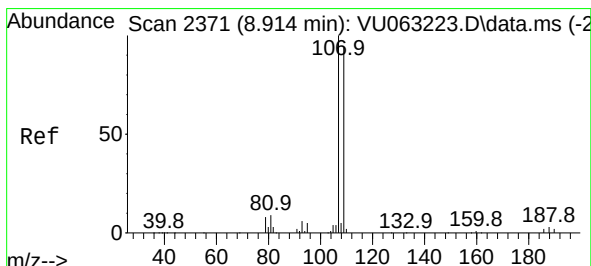
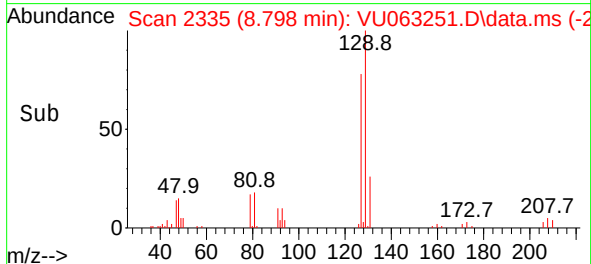
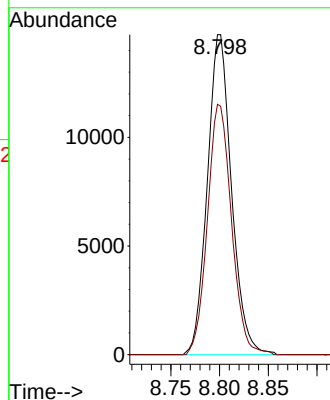
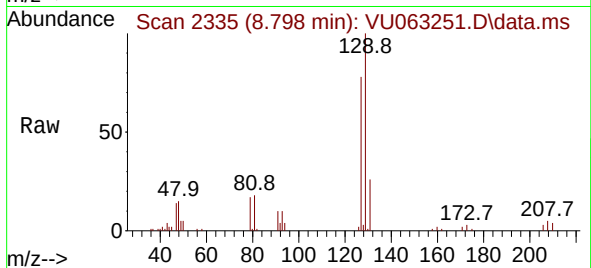
ClientSampleId :

Tgt Ion:129 Resp: 25441

Ion Ratio Lower Upper

129 100

127 77.8 60.4 90.6



#56

1,2-Dibromoethane

Concen: 1.935 ug/l

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU063251.D

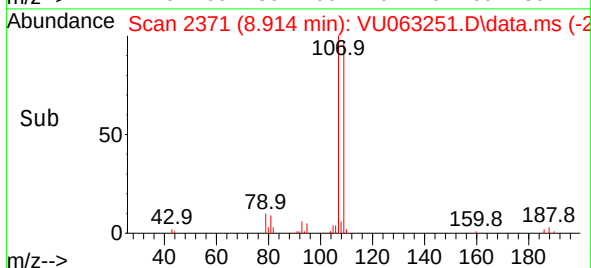
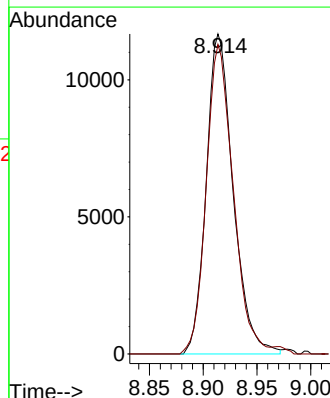
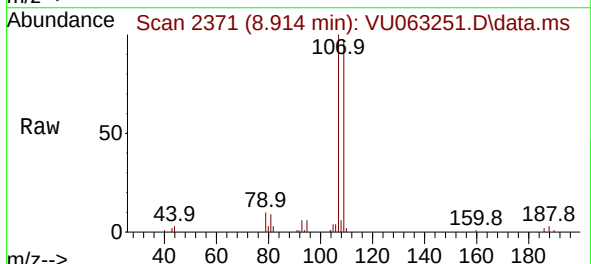
Acq: 12 Feb 2025 12:56

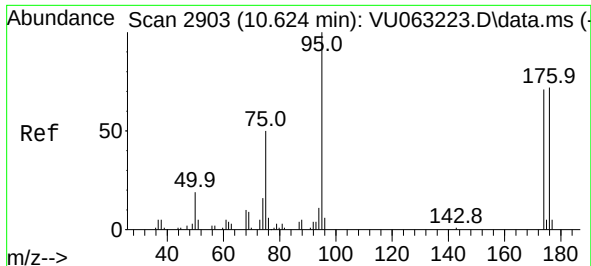
Tgt Ion:107 Resp: 20372

Ion Ratio Lower Upper

107 100

109 96.6 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 1.028 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

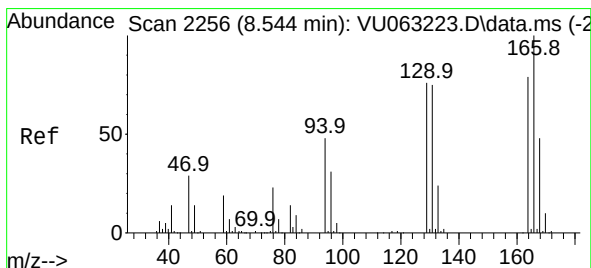
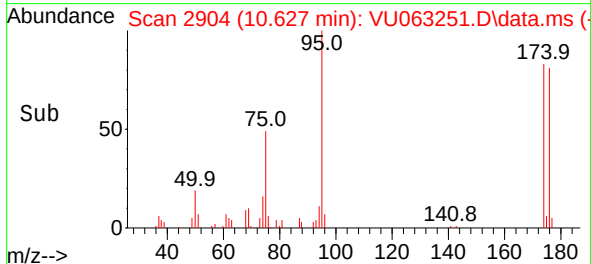
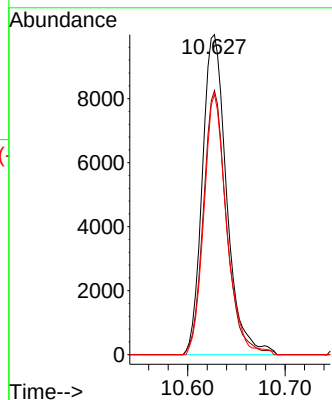
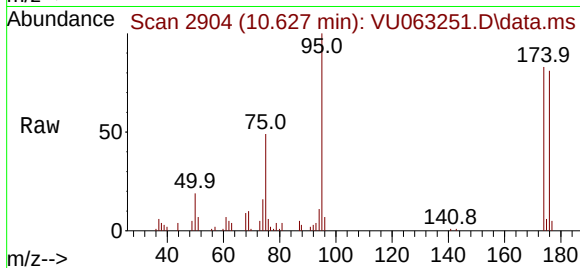
Tgt Ion: 95 Resp: 17337

Ion Ratio Lower Upper

95 100

174 78.4 58.6 88.0

176 76.4 58.2 87.4



#58

Tetrachloroethene

Concen: 2.073 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion: 164 Resp: 25526

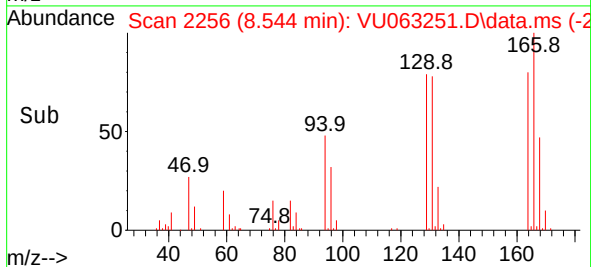
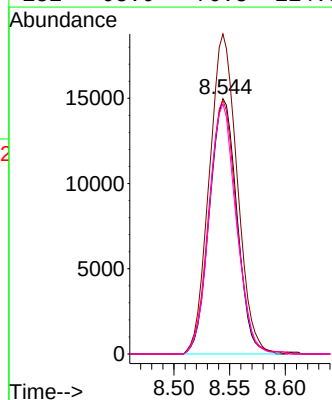
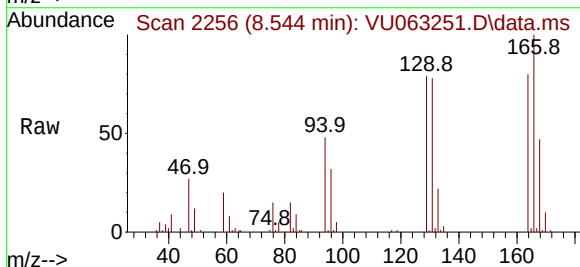
Ion Ratio Lower Upper

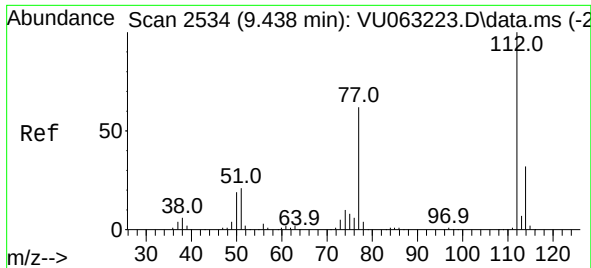
164 100

166 125.4 101.4 152.0

129 99.5 77.0 115.4

131 98.0 76.3 114.5





#59

Chlorobenzene

Concen: 1.978 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

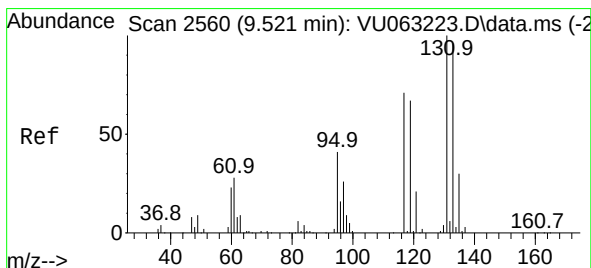
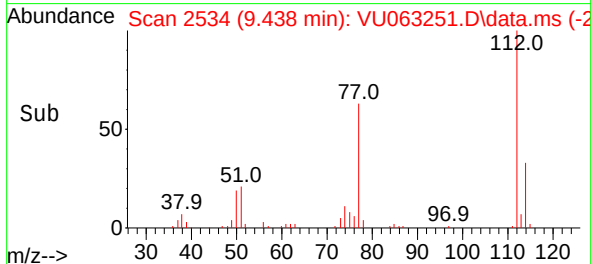
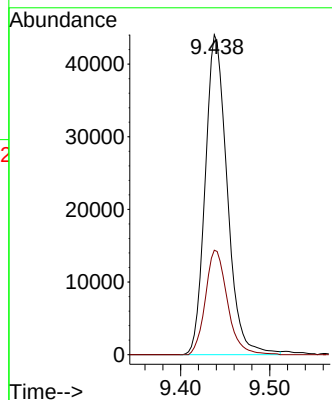
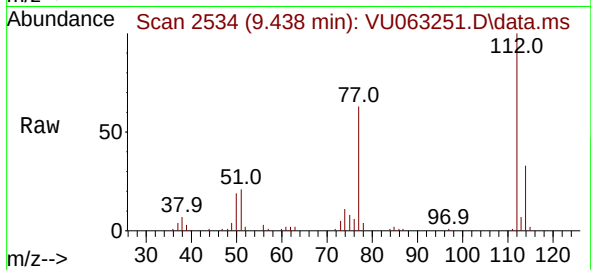
ClientSampleId :

Tgt Ion:112 Resp: 75420

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 1.999 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

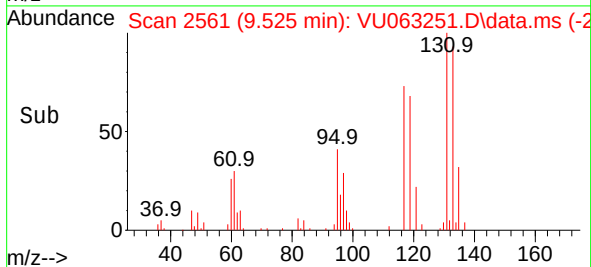
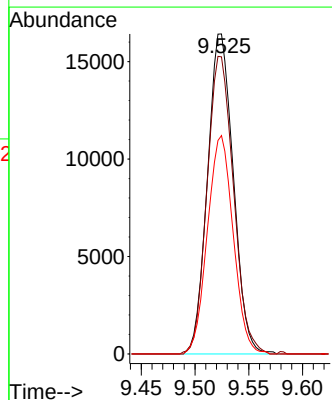
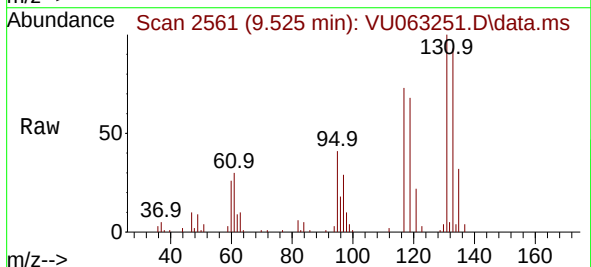
Tgt Ion:131 Resp: 27395

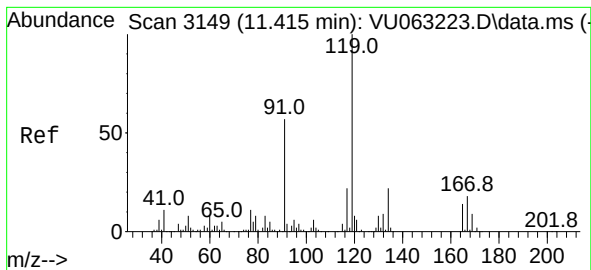
Ion Ratio Lower Upper

131 100

133 95.1 76.7 115.1

119 68.2 54.4 81.6

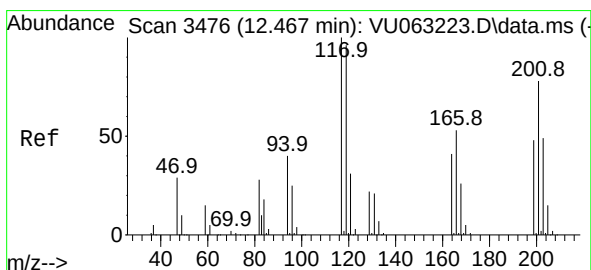
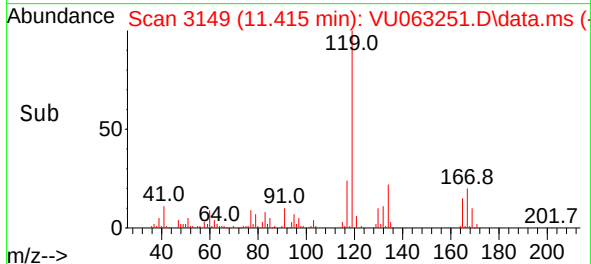
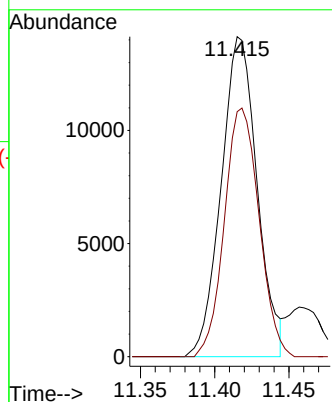
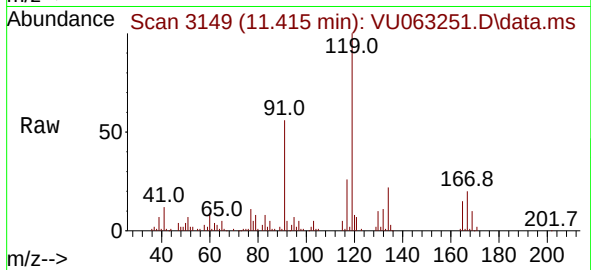




#61
Pentachloroethane
Concen: 1.945 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

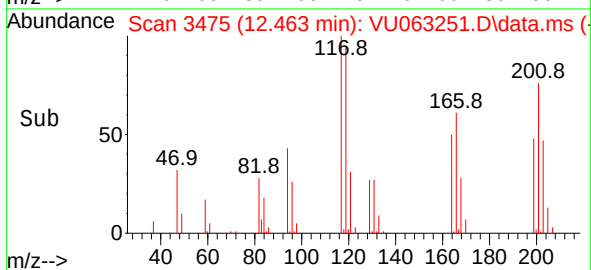
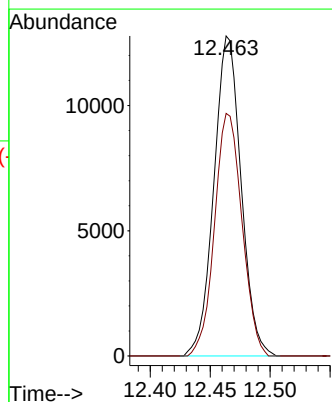
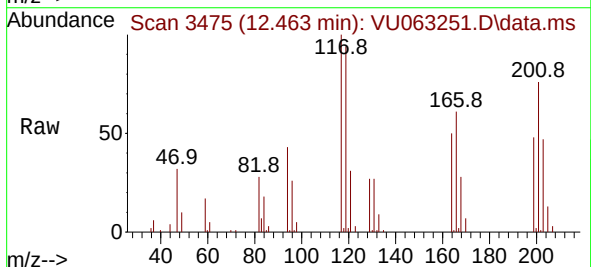
Instrument :
MSVOA_U
ClientSampleId :

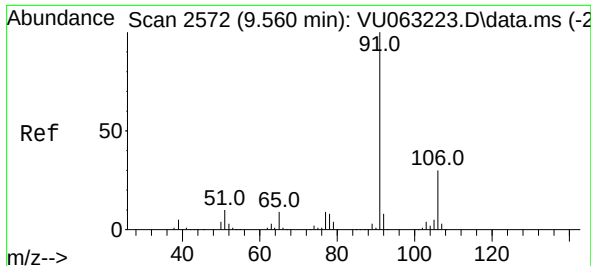
Tgt Ion:117 Resp: 23808
Ion Ratio Lower Upper
117 100
167 75.0 65.0 97.6



#62
Hexachloroethane
Concen: 1.861 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion:117 Resp: 20151
Ion Ratio Lower Upper
117 100
201 76.3 61.3 91.9





#63

Ethyl Benzene

Concen: 1.894 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

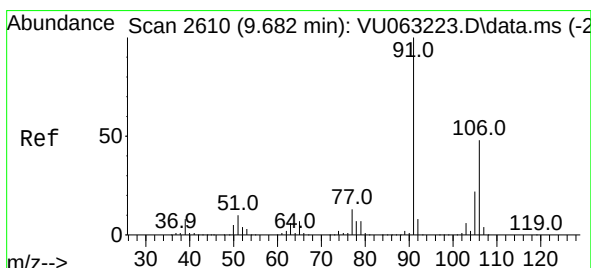
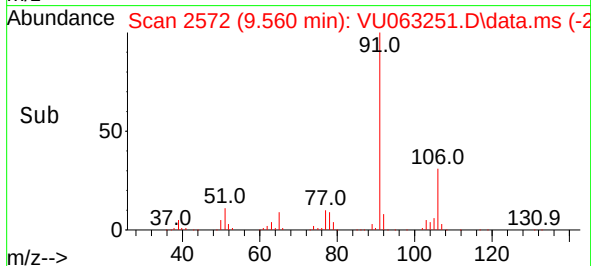
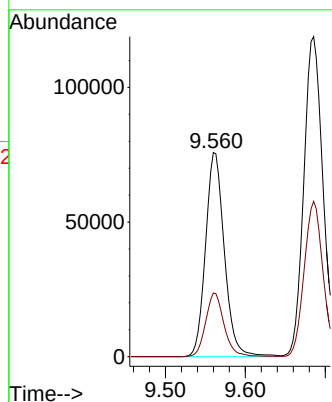
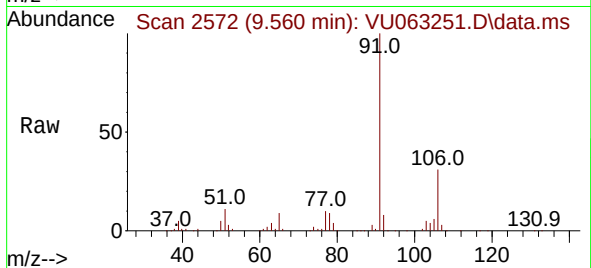
ClientSampleId :

Tgt Ion: 91 Resp: 124557

Ion Ratio Lower Upper

91 100

106 31.2 24.2 36.2



#64

m/p-Xylenes

Concen: 3.912 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063251.D

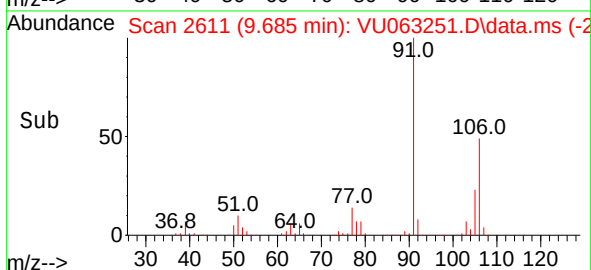
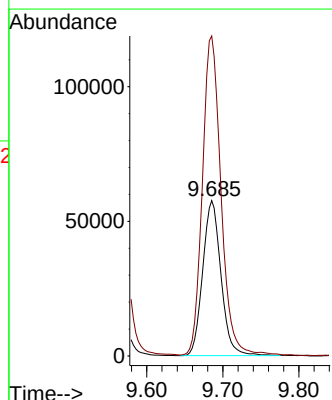
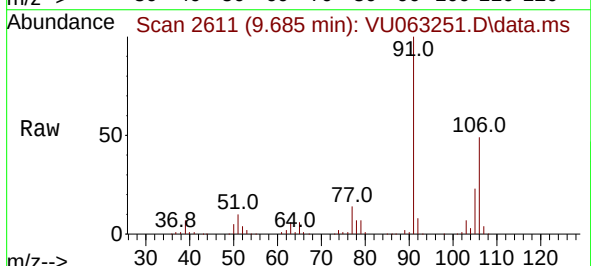
Acq: 12 Feb 2025 12:56

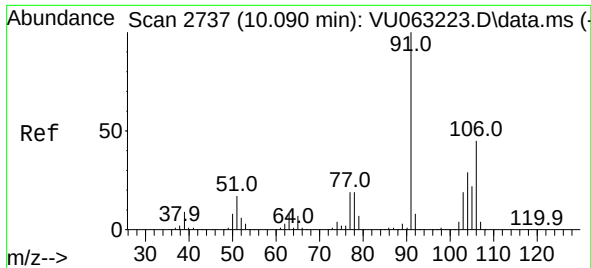
Tgt Ion:106 Resp: 96092

Ion Ratio Lower Upper

106 100

91 209.4 166.9 250.3

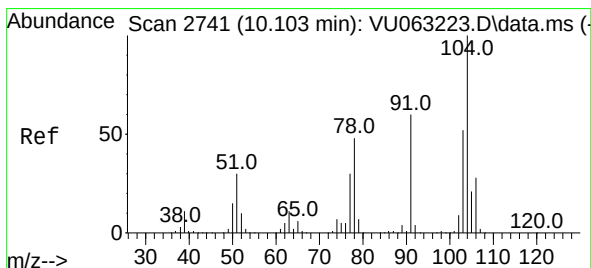
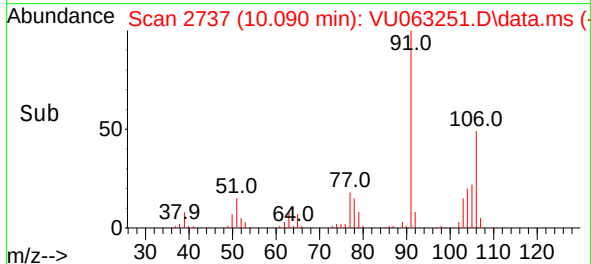
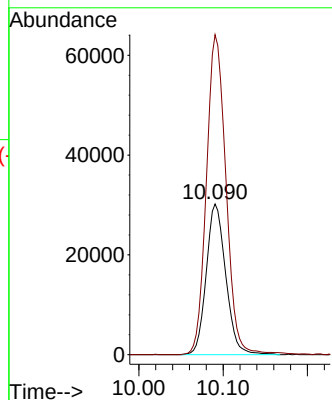
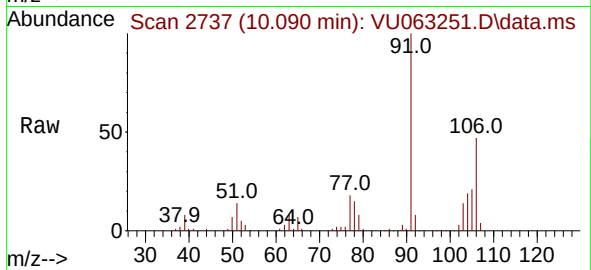




#65
o-Xylene
Concen: 2.027 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

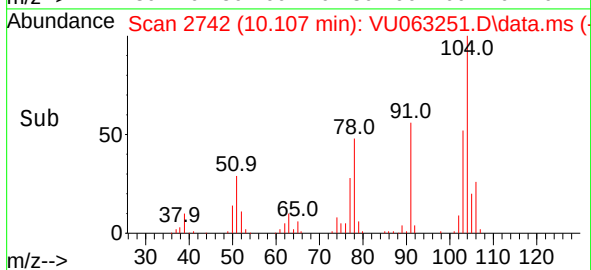
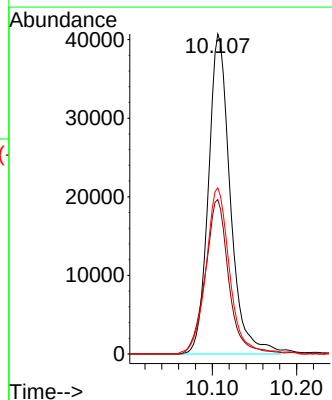
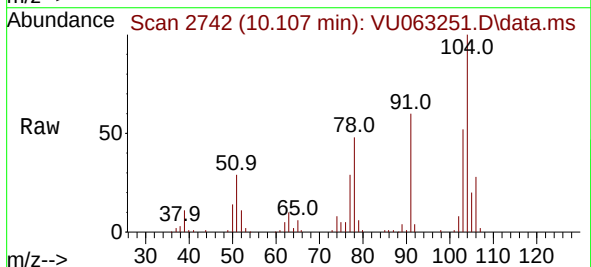
Instrument :
MSVOA_U
ClientSampleId :

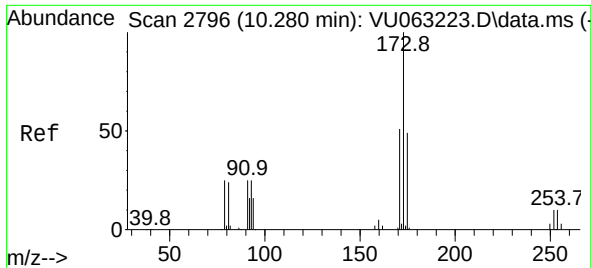
Tgt Ion:106 Resp: 48728
Ion Ratio Lower Upper
106 100
91 213.4 110.9 332.9



#66
Styrene
Concen: 1.922 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion:104 Resp: 73539
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.7 44.8 67.2

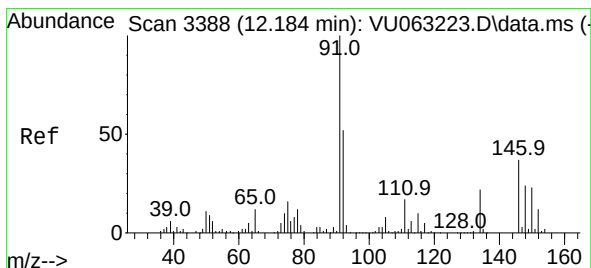
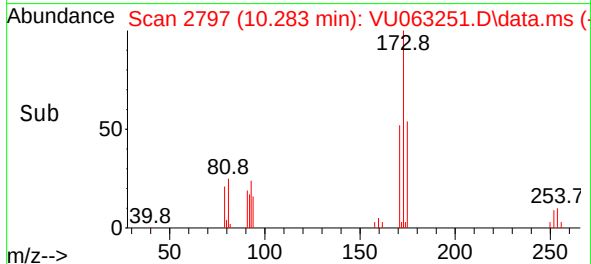
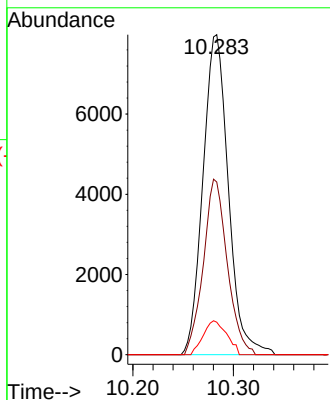
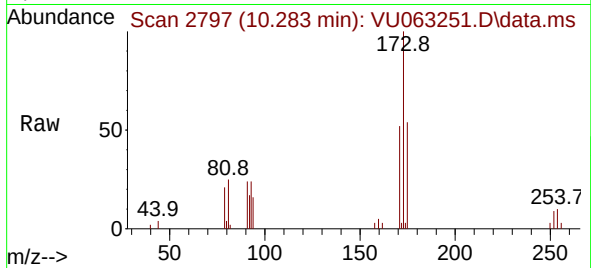




#67
Bromoform
Concen: 1.912 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

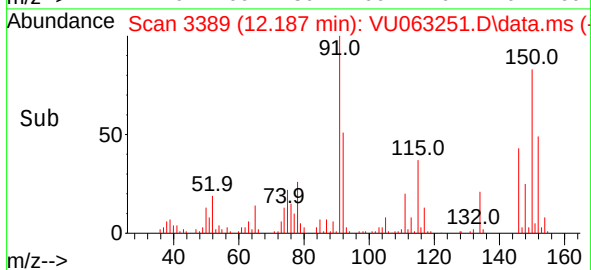
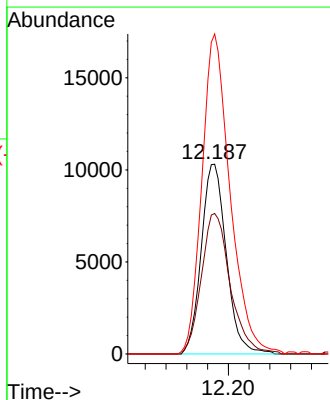
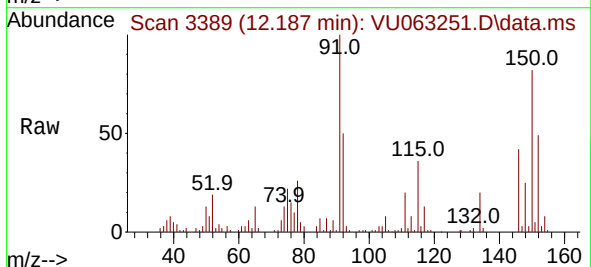
Instrument :
MSVOA_U
ClientSampleId :

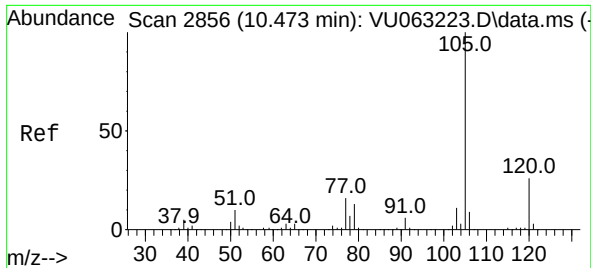
Tgt Ion:173 Resp: 14014
Ion Ratio Lower Upper
173 100
175 51.7 39.0 58.4
254 9.8 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 0.983 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion:152 Resp: 17238
Ion Ratio Lower Upper
152 100
115 85.5 0.0 275.2
150 189.7 0.0 658.4

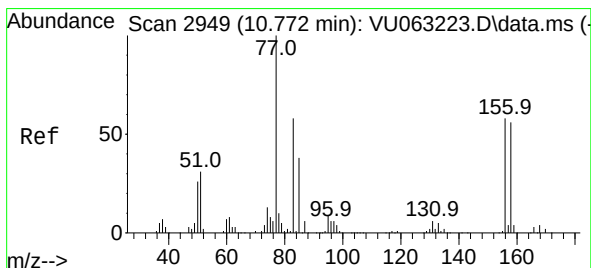
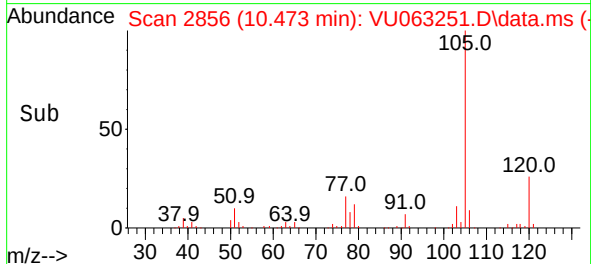
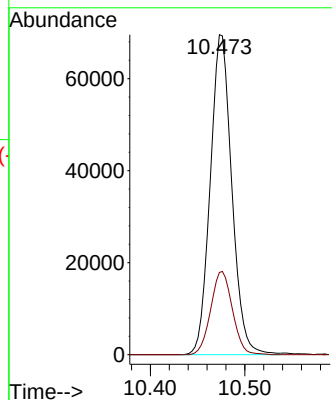
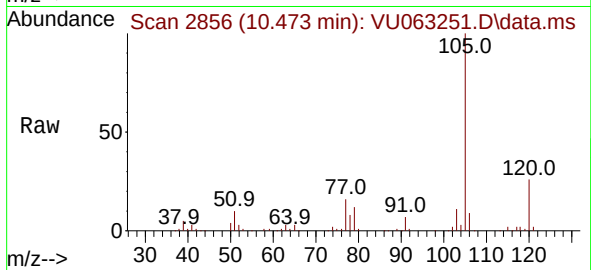




#69
Isopropylbenzene
Concen: 1.950 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

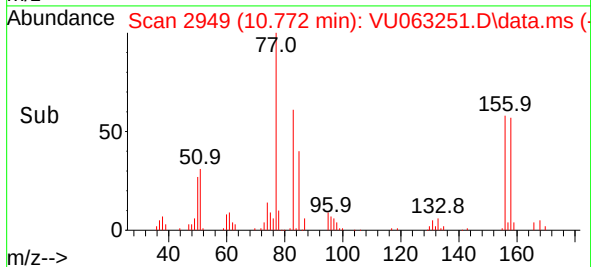
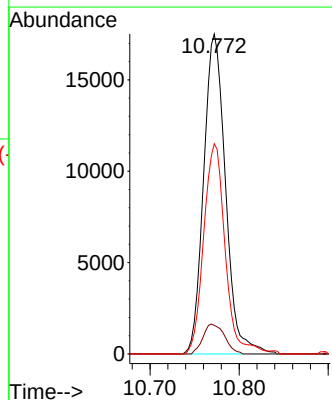
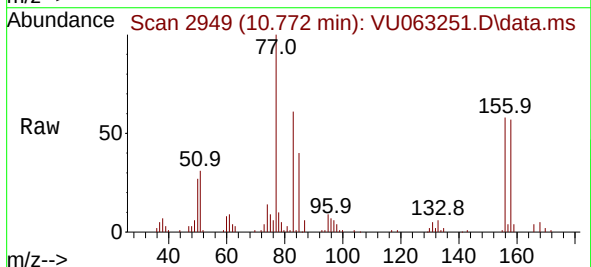
Instrument :
MSVOA_U
ClientSampleId :

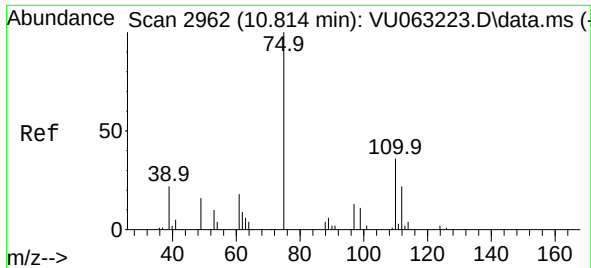
Tgt Ion:105 Resp: 110230
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 1.972 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 83 Resp: 29840
Ion Ratio Lower Upper
83 100
131 9.2 7.4 11.0
85 64.3 51.8 77.8

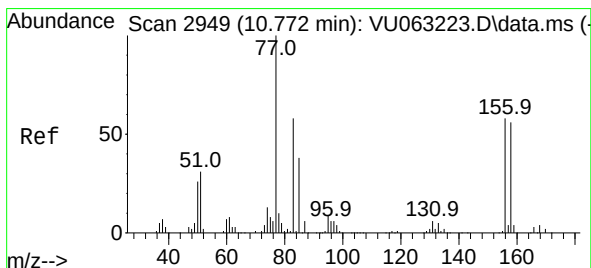
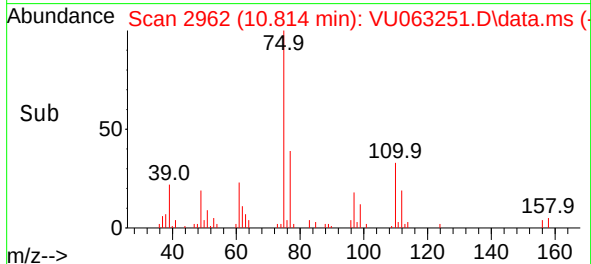
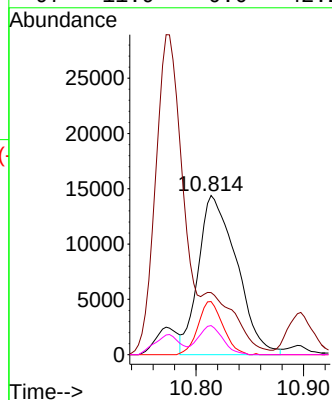
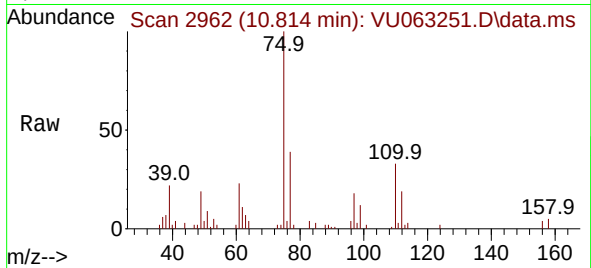




#71
1,2,3-Trichloropropane
Concen: 3.123 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

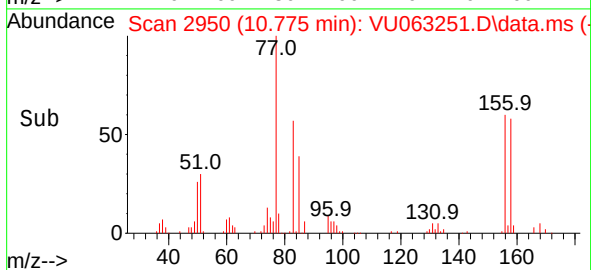
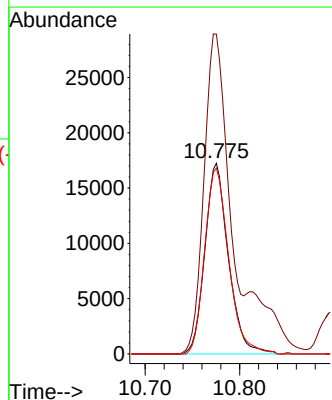
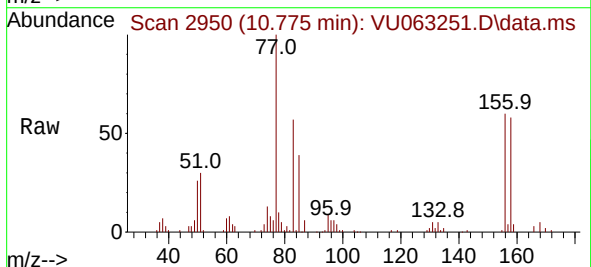
Instrument :
MSVOA_U
ClientSampleId :

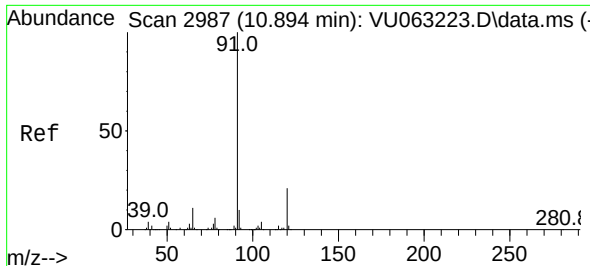
Tgt Ion:	75	Resp:	35497
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	21.8	0.0	77.0
97	11.9	0.0	42.2



#72
Bromobenzene
Concen: 1.955 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion:	156	Resp:	29771
Ion Ratio	Lower	Upper	
156	100		
77	173.0	0.0	343.6
158	99.7	0.0	193.0

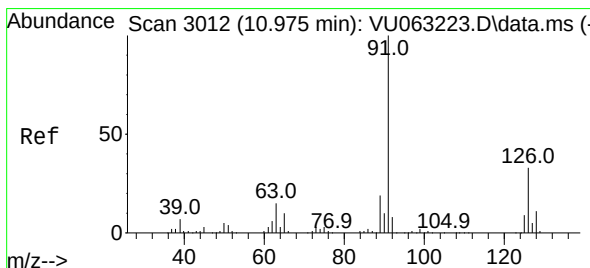
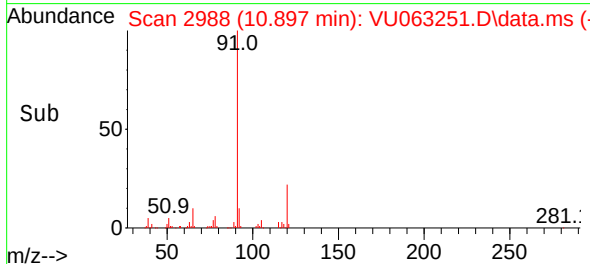
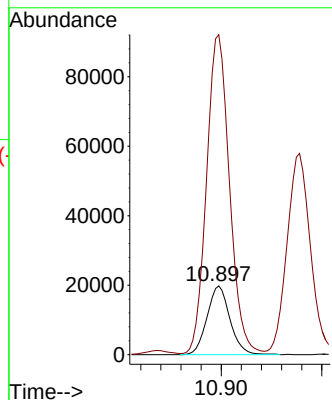
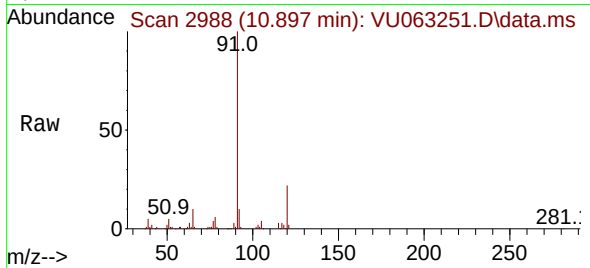




#73
n-propylbenzene
Concen: 1.932 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

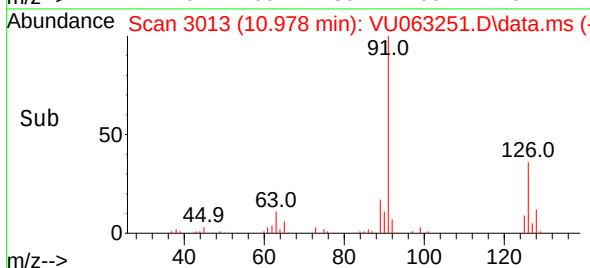
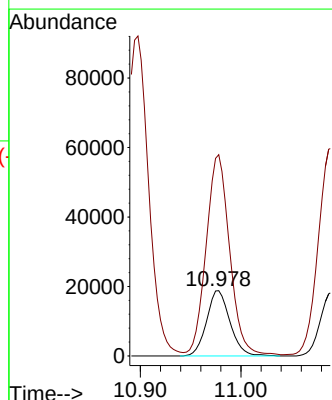
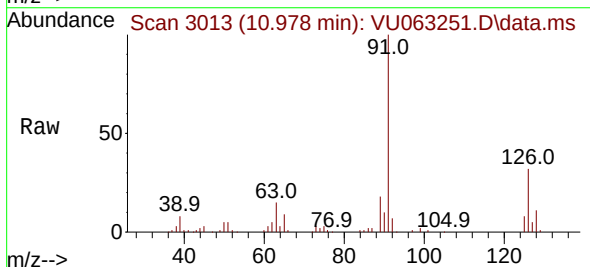
Instrument :
MSVOA_U
ClientSampleId :

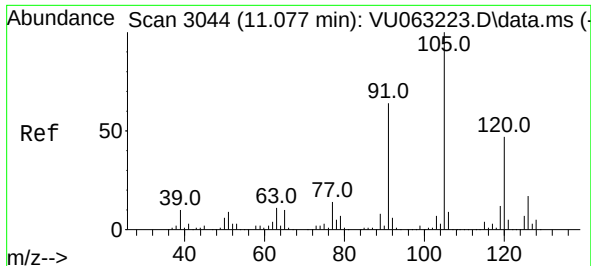
Tgt Ion:120 Resp: 31267
Ion Ratio Lower Upper
120 100
91 463.8 369.8 554.6



#74
2-Chlorotoluene
Concen: 2.030 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

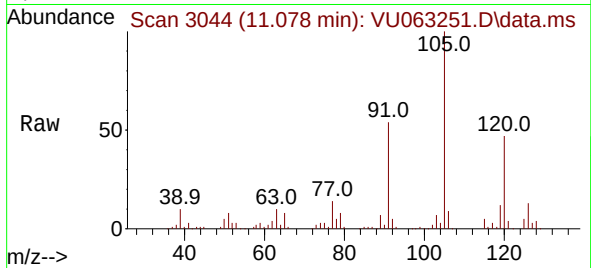
Tgt Ion:126 Resp: 30285
Ion Ratio Lower Upper
126 100
91 307.8 0.0 623.8



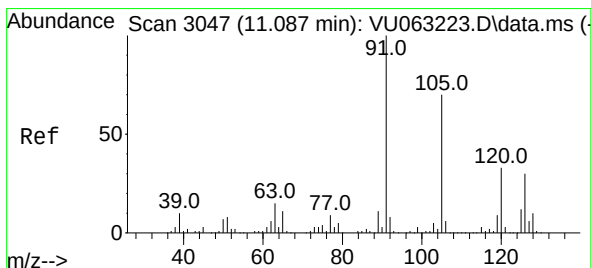
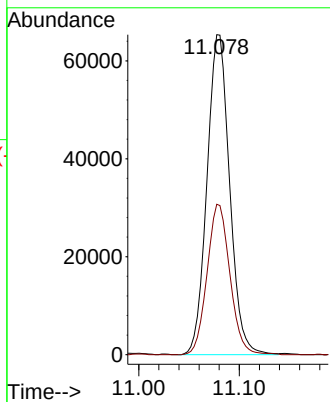
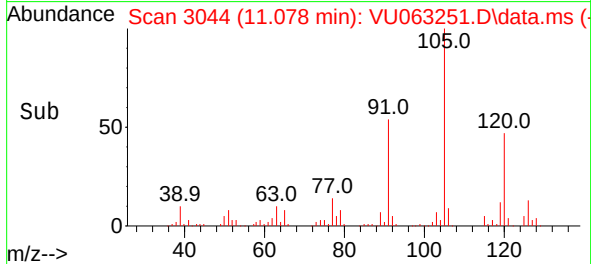


#75
1,3,5-Trimethylbenzene
Concen: 1.955 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

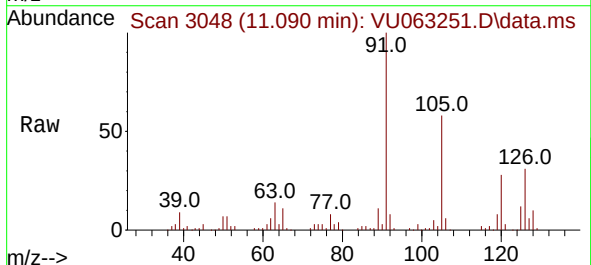
Instrument :
MSVOA_U
ClientSampleId :



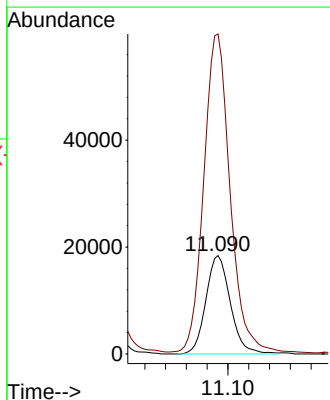
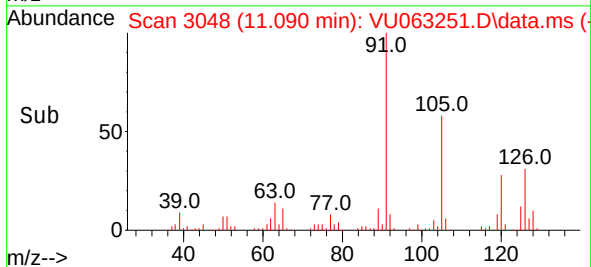
Tgt Ion:105 Resp: 102401
Ion Ratio Lower Upper
105 100
120 47.4 37.3 55.9

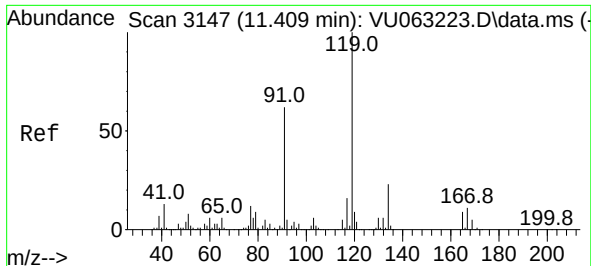


#76
4-Chlorotoluene
Concen: 1.962 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56



Tgt Ion:126 Resp: 30015
Ion Ratio Lower Upper
126 100
91 349.1 0.0 703.6

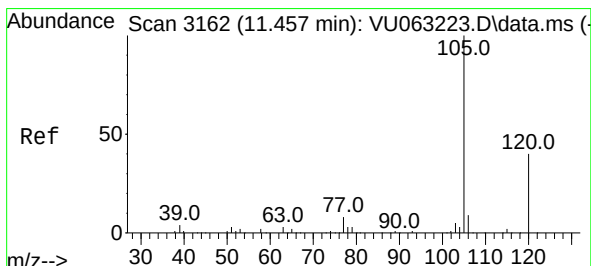
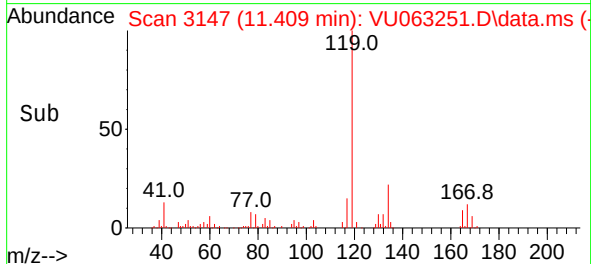
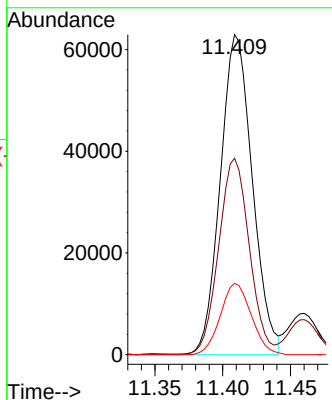
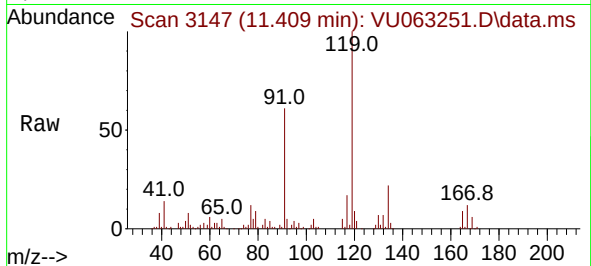




#77
 tert-Butylbenzene
 Concen: 1.955 ug/l
 RT: 11.409 min Scan# 3147
 Delta R.T. 0.000 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

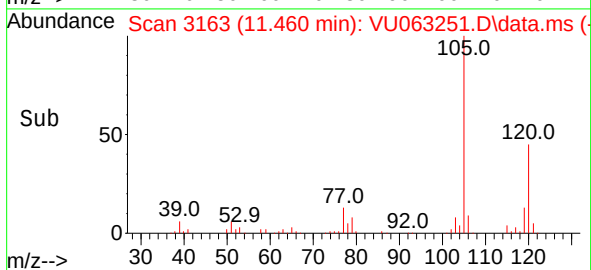
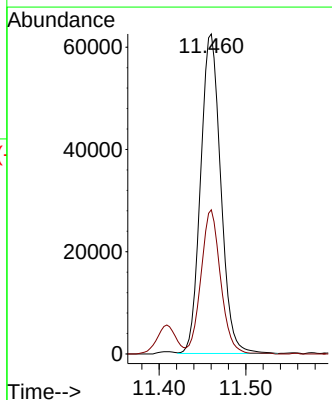
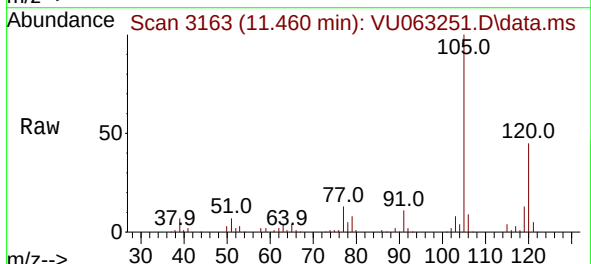
Instrument :
 MSVOA_U
 ClientSampleId :

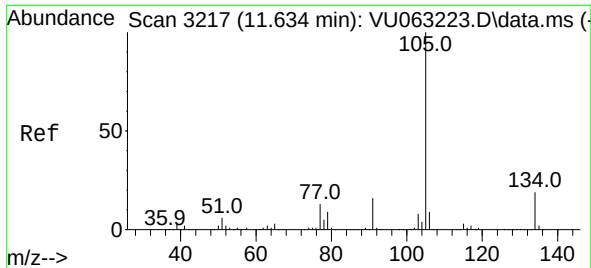
Tgt	Ion:119	Resp:	103577
Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.4	88.3
134	21.5	17.6	26.4



#78
 1,2,4-Trimethylbenzene
 Concen: 1.940 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.003 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

Tgt Ion:105	Resp: 100810
Ion Ratio	Lower Upper
105 100	
120 44.0	21.9 65.7

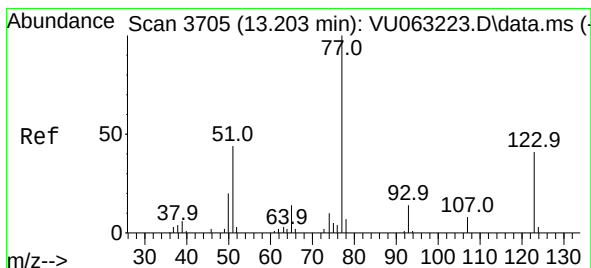
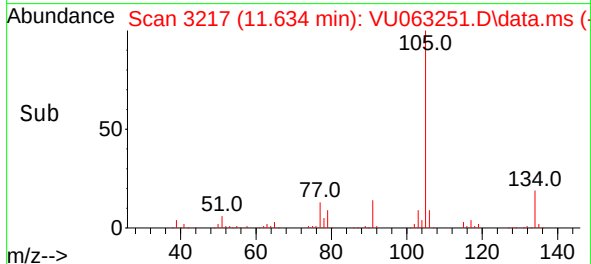
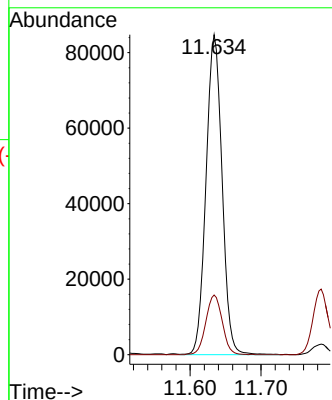
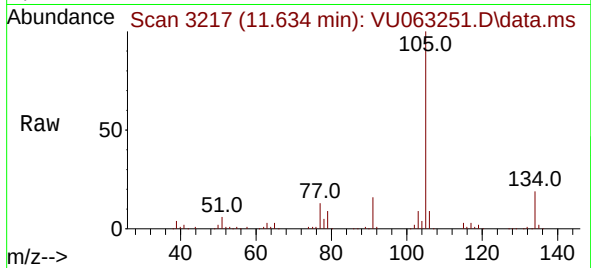




#79
 sec-Butylbenzene
 Concen: 1.972 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

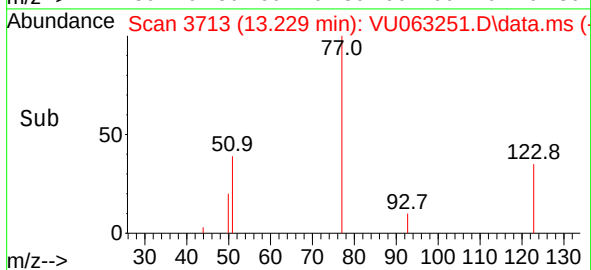
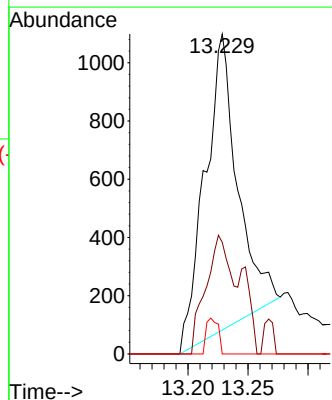
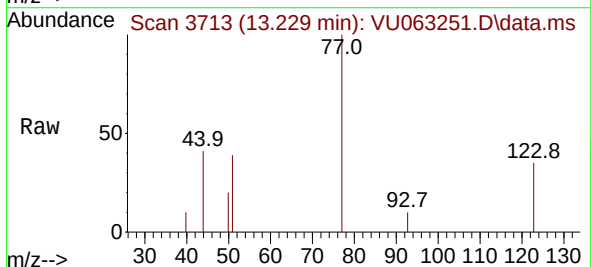
Instrument :
 MSVOA_U
 ClientSampleId :

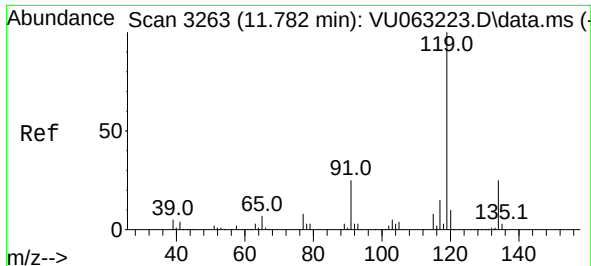
Tgt Ion:105 Resp: 133023
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7



#80
 Nitrobenzene
 Concen: 7.827 ug/l
 RT: 13.229 min Scan# 3713
 Delta R.T. 0.026 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

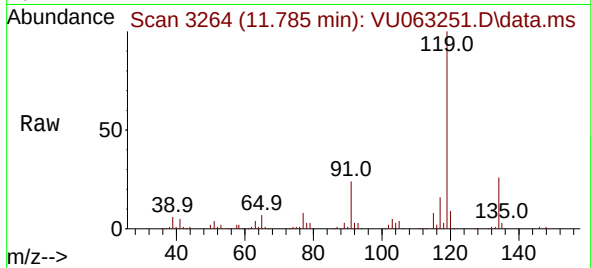
Tgt Ion: 77 Resp: 1936
 Ion Ratio Lower Upper
 77 100
 123 32.3 18.9 67.1
 65 4.4 11.9 15.1#



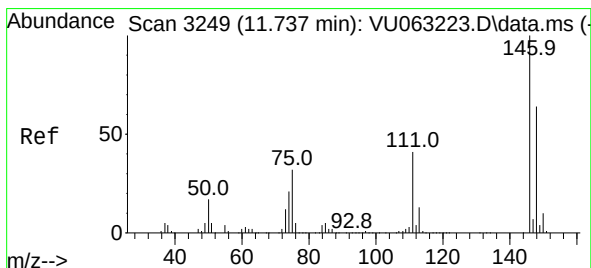
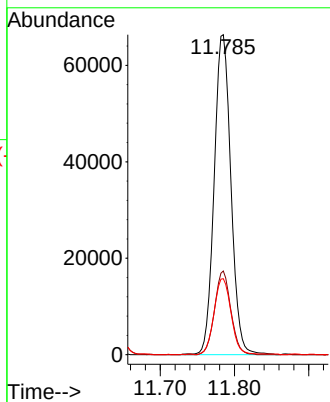
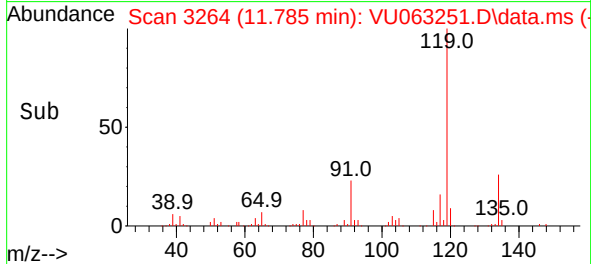


#81
 p-Isopropyltoluene
 Concen: 1.954 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

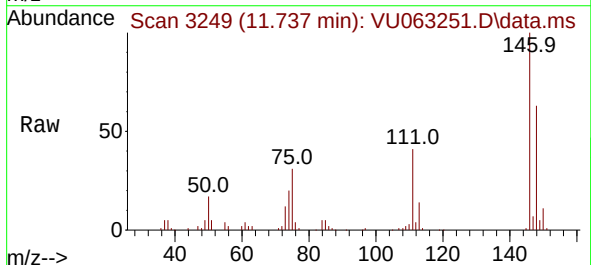
Instrument :
 MSVOA_U
 ClientSampleId :



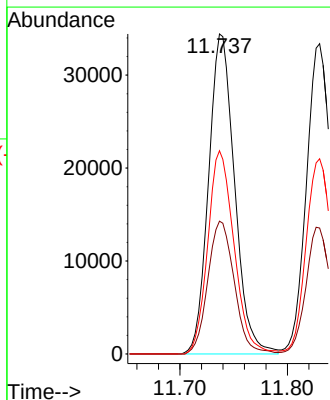
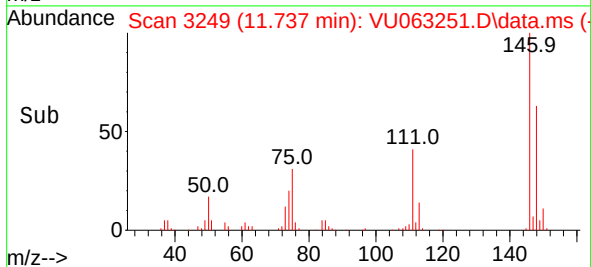
Tgt Ion:119 Resp: 104011
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.3 30.5
 91 24.3 19.4 29.2

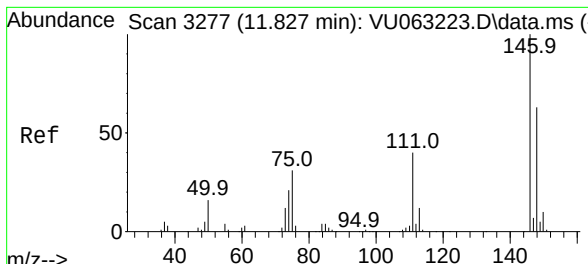


#82
 1,3-Dichlorobenzene
 Concen: 1.959 ug/l
 RT: 11.737 min Scan# 3249
 Delta R.T. 0.000 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56



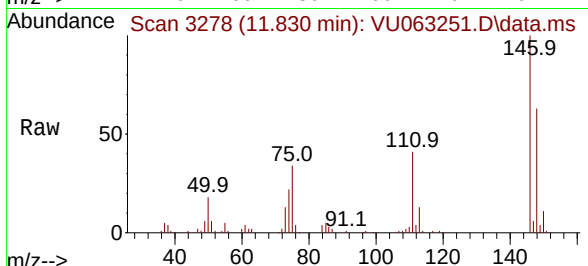
Tgt Ion:146 Resp: 57876
 Ion Ratio Lower Upper
 146 100
 111 42.2 32.8 49.2
 148 64.2 51.1 76.7



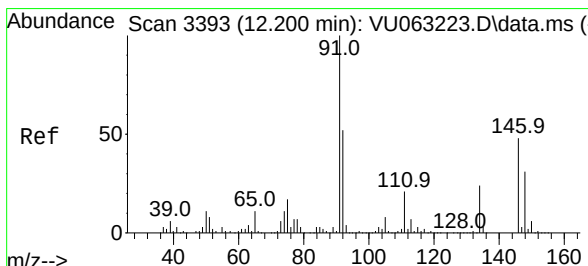
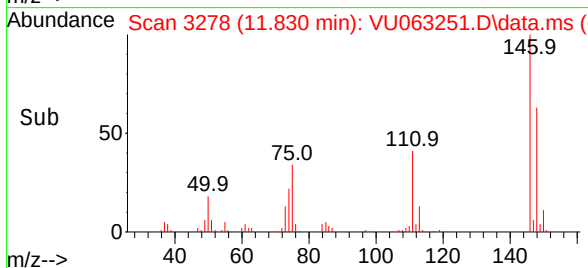
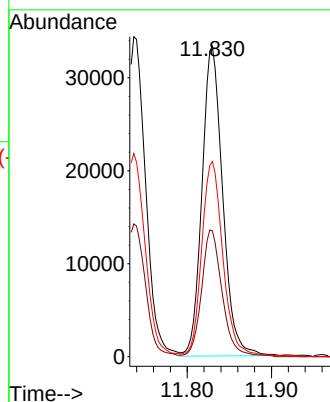


#83
1,4-Dichlorobenzene
Concen: 1.974 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Instrument :
MSVOA_U
ClientSampleId :

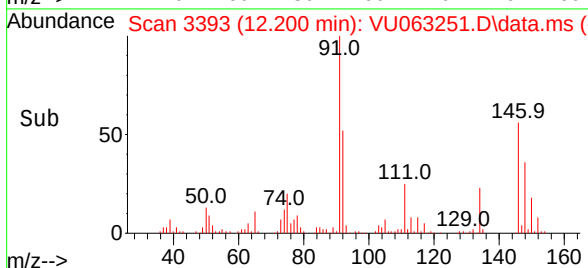
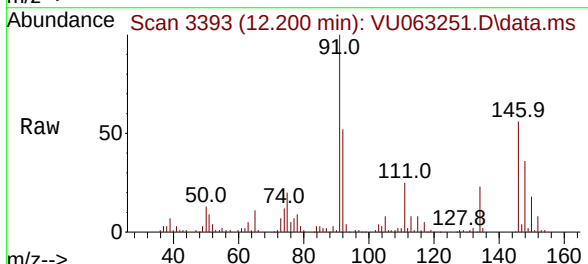
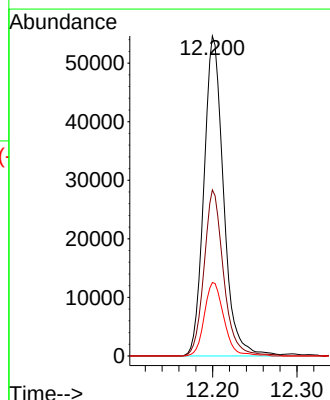


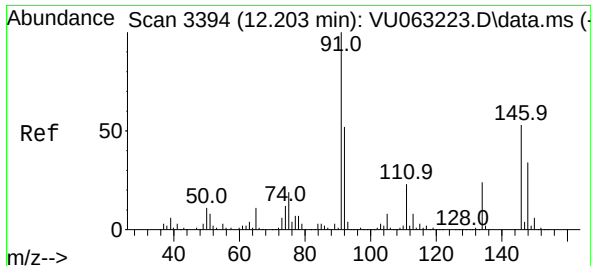
Tgt Ion:146 Resp: 57047
Ion Ratio Lower Upper
146 100
111 40.6 32.1 48.1
148 63.9 50.2 75.4



#84
n-Butylbenzene
Concen: 1.858 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063251.D
Acq: 12 Feb 2025 12:56

Tgt Ion: 91 Resp: 88658
Ion Ratio Lower Upper
91 100
92 51.7 41.8 62.8
134 22.9 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 1.985 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063251.D

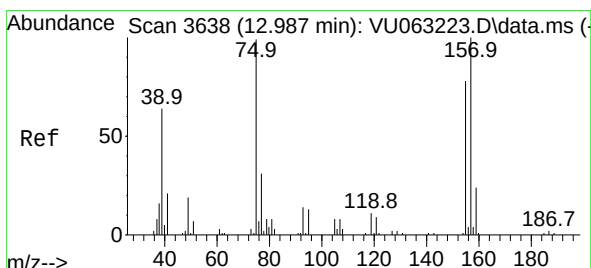
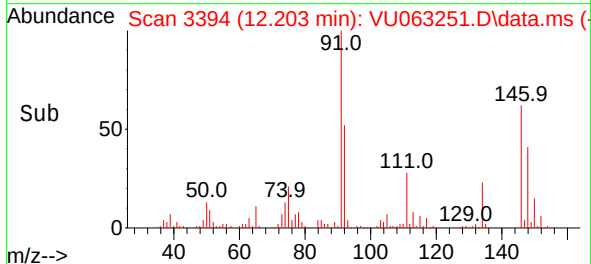
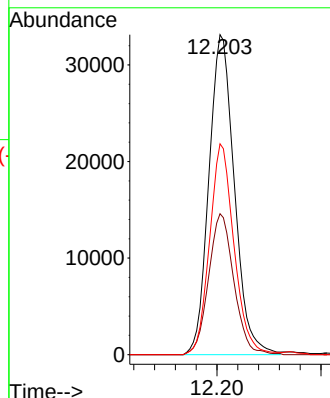
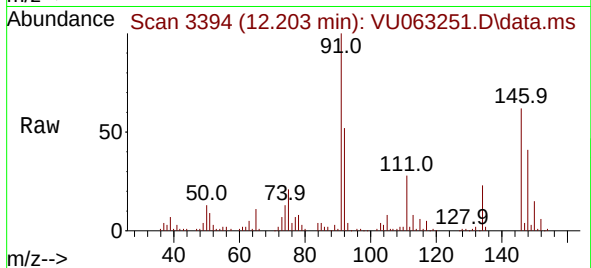
Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	56355
Ion Ratio	Lower	Upper	
146	100		
111	43.7	21.9	65.7
148	63.4	32.3	96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.744 ug/l

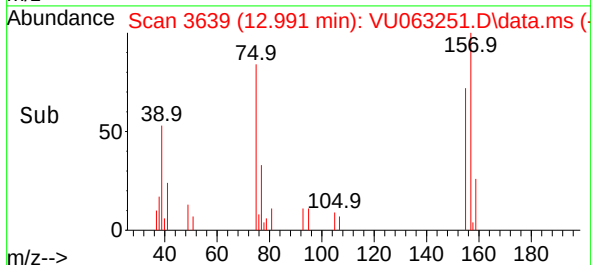
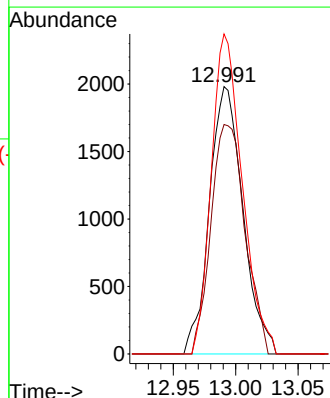
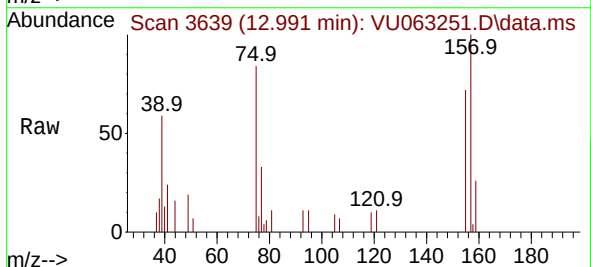
RT: 12.991 min Scan# 3639

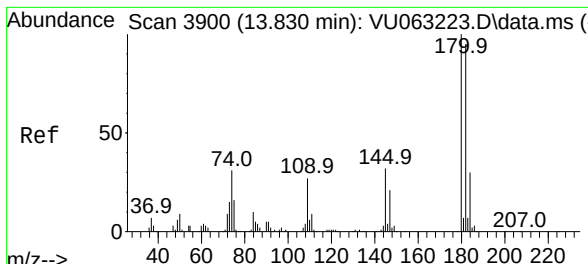
Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion:	75	Resp:	3704
Ion Ratio	Lower	Upper	
75	100		
155	87.3	63.5	95.3
157	110.6	81.8	122.6

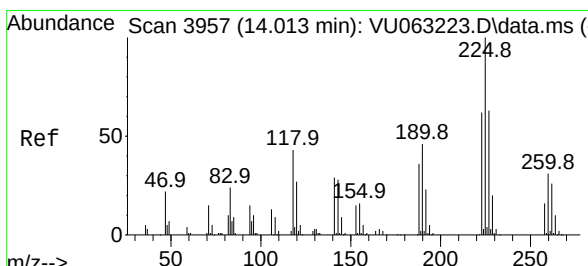
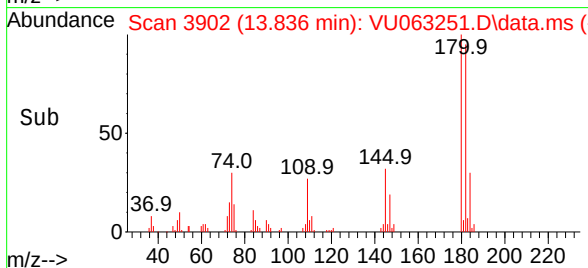
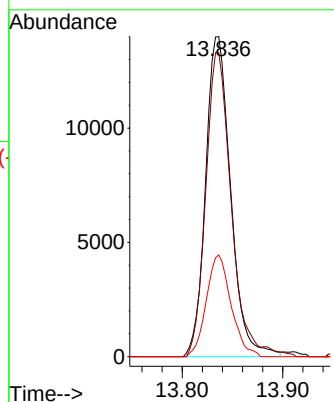
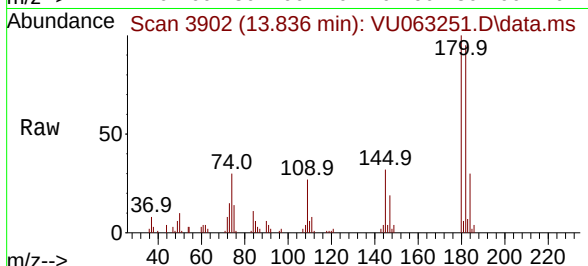




#87
 1,2,4-Trichlorobenzene
 Concen: 1.755 ug/l
 RT: 13.836 min Scan# 3900
 Delta R.T. 0.006 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

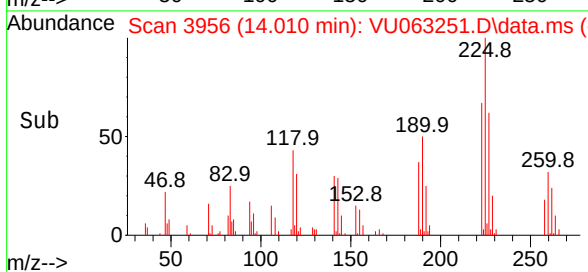
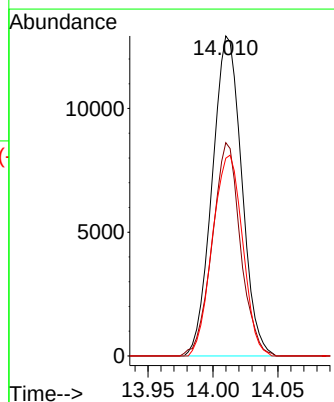
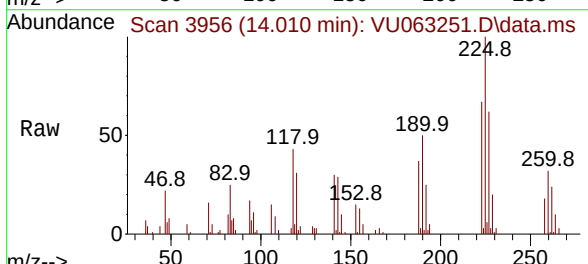
Instrument :
 MSVOA_U
 ClientSampleId :

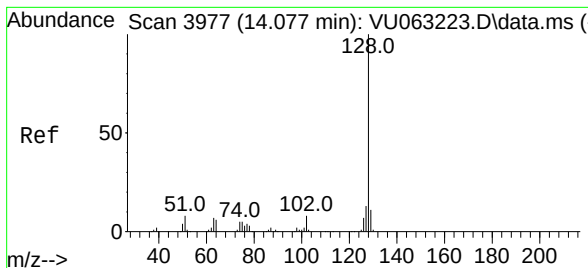
Tgt Ion:180	Resp:	24294
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.6 115.0
145	31.3	25.4 38.2



#88
 Hexachlorobutadiene
 Concen: 2.061 ug/l
 RT: 14.010 min Scan# 3956
 Delta R.T. -0.003 min
 Lab File: VU063251.D
 Acq: 12 Feb 2025 12:56

Tgt Ion:225	Resp:	20391
Ion Ratio	Lower	Upper
225	100	
223	63.8	49.5 74.3
227	64.3	51.0 76.4





#89

Naphthalene

Concen: 1.689 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU063251.D

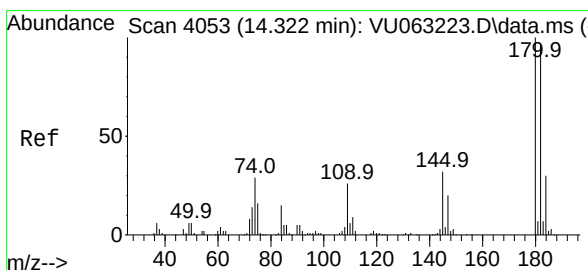
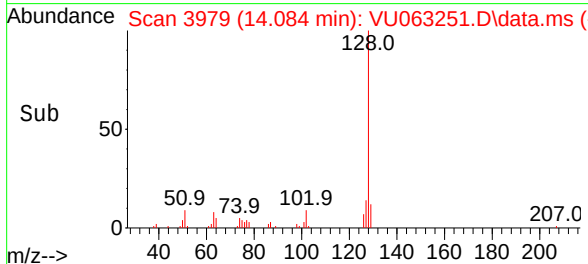
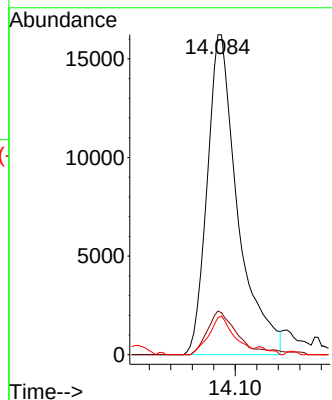
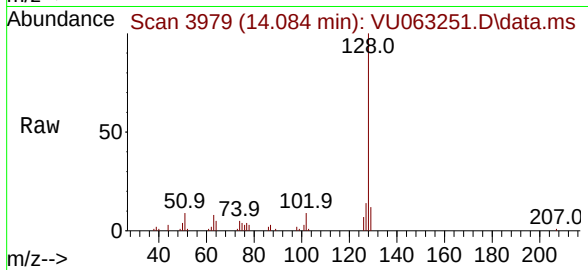
Acq: 12 Feb 2025 12:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	31946
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.6 16.0
129	10.0	8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 1.598 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063251.D

Acq: 12 Feb 2025 12:56

Tgt Ion:180	Resp:	21647
Ion Ratio	Lower	Upper
180	100	
182	100.5	78.2 117.2
145	31.9	26.1 39.1

