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 Data File : VU063231.D
 Acq On : 11 Feb 2025 12:31
 Operator : MD/SY
 Sample : VU0211WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 03:17:39 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	54780	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	18663	1.033	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	18049	0.961	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	33113	1.860	ug/l	98
3) Chloromethane	1.515	50	37175	1.814	ug/l	97
4) Vinyl Chloride	1.599	62	38868	1.917	ug/l	100
5) Bromomethane	1.846	94	21592	2.179	ug/l	93
6) Chloroethane	1.923	64	22977	1.799	ug/l	96
7) Trichlorofluoromethane	2.129	101	46922	1.953	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	26150	1.917	ug/l	99
9) 1,1-Dichloroethene	2.570	96	26901	1.936	ug/l	98
10) Iodomethane	2.711	142	40470	1.852	ug/l	100
11) Allyl Chloride	2.914	41	35836	1.795	ug/l	93
12) Acrylonitrile	3.322	53	11247	3.509	ug/l	97
13) Acetone	2.624	43	21459	8.706	ug/l	97
14) Carbon Disulfide	2.782	76	91922	1.892	ug/l	99
15) Methylene Chloride	3.033	84	32676	1.903	ug/l	95
16) trans-1,2-Dichloroethene	3.341	96	29942	1.888	ug/l	97
17) 1,1-Dichloroethane	3.856	63	56108	1.877	ug/l	99
18) 2-Butanone	4.711	43	34023	8.673	ug/l	97
19) Cyclohexane	5.377	56	40628	1.691	ug/l	90
20) Methylcyclohexane	6.750	83	44579	1.871	ug/l	98
21) 2,2-Dichloropropane	4.650	77	44541	1.910	ug/l	98
22) cis-1,2-Dichloroethene	4.656	96	32128	1.875	ug/l	97
23) Diethyl Ether	2.367	59	21752	1.824	ug/l	99
24) tert-Butyl Alcohol	3.184	59	20987	11.463	ug/l #	87
25) Methyl tert-Butyl Ether	3.351	73	64764	1.866	ug/l	100
26) Bromochloromethane	4.962	128	14122	1.885	ug/l	98
27) Chloroform	5.074	83	57379	1.902	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	47038	1.925	ug/l	99
29) 1,1-Dichloropropene	5.515	75	41492	1.895	ug/l	99
30) Carbon Tetrachloride	5.512	117	39937	1.905	ug/l	93
31) Isopropyl Ether	3.978	45	78534	1.840	ug/l	98
32) Ethyl-t-butyl ether	4.489	59	71285	1.836	ug/l	99
33) Tert-Amyl methyl ether	5.926	73	64175	1.892	ug/l	99
34) Propionitrile	4.782	54	10345	8.743	ug/l #	89
35) Benzene	5.762	78	127531	1.895	ug/l	99
36) 1,2-Dichloroethane	5.785	62	35880	1.847	ug/l	98
37) Trichloroethene	6.534	130	31454	1.965	ug/l	95
38) 1,2-Dichloropropane	6.778	63	33332	1.892	ug/l	98
39) Methacrylonitrile	4.975	41	7882	1.788	ug/l	93
40) Methyl acrylate	4.856	55	8989	1.106	ug/l #	77
41) Tetrahydrofuran	5.052	42	9149	3.568	ug/l	94
42) 1-Chlorobutane	5.447	56	54703	1.826	ug/l	98
43) Dibromomethane	6.907	93	16512	1.851	ug/l	98
44) Bromodichloromethane	7.094	83	40544	1.953	ug/l	100

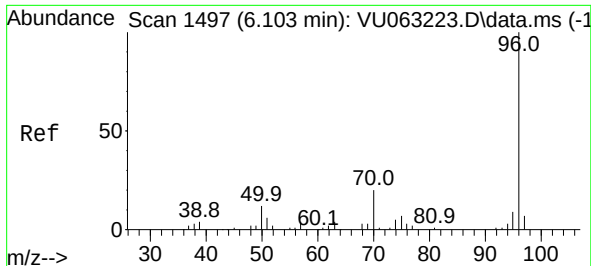
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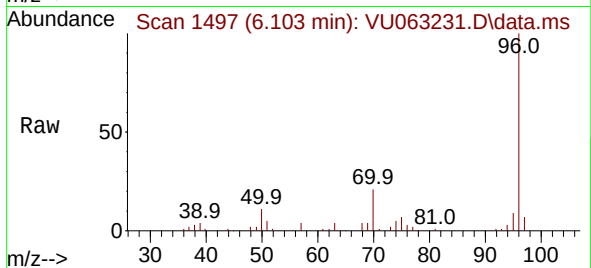
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	84721	9.059	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	35466	8.067	ug/l #	48
47) Methyl methacrylate	6.955	69	27905	3.714	ug/l	99
48) Ethyl methacrylate	8.328	69	26666	1.890	ug/l	97
49) Toluene	7.958	92	73665	1.903	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	35883	1.888	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	44229	1.884	ug/l	99
52) 1,1,2-Trichloroethane	8.389	97	22475	1.869	ug/l	95
53) 1,3-Dichloropropane	8.566	76	39762	1.862	ug/l	99
54) 2-Hexanone	8.679	43	55875	8.755	ug/l	96
55) Dibromochloromethane	8.798	129	25680	1.856	ug/l	96
56) 1,2-Dibromoethane	8.913	107	21428	1.899	ug/l	99
58) Tetrachloroethene	8.544	164	26480	2.007	ug/l	99
59) Chlorobenzene	9.438	112	78809	1.929	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	27412	1.867	ug/l	98
61) Pentachloroethane	11.415	117	23456	1.788	ug/l	98
62) Hexachloroethane	12.463	117	20644	1.779	ug/l	100
63) Ethyl Benzene	9.560	91	129864	1.843	ug/l	98
64) m/p-Xylenes	9.685	106	97083	3.689	ug/l	97
65) o-Xylene	10.090	106	47893	1.859	ug/l	99
66) Styrene	10.106	104	74164	1.809	ug/l	98
67) Bromoform	10.280	173	14362	1.829	ug/l	99
69) Isopropylbenzene	10.473	105	113031	1.866	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	30438	1.878	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	35466	2.912	ug/l #	75
72) Bromobenzene	10.775	156	31774	1.947	ug/l	87
73) n-propylbenzene	10.894	120	32378	1.867	ug/l	97
74) 2-Chlorotoluene	10.978	126	30928	1.935	ug/l	97
75) 1,3,5-Trimethylbenzene	11.077	105	105240	1.875	ug/l	99
76) 4-Chlorotoluene	11.090	126	31460	1.920	ug/l	98
77) tert-Butylbenzene	11.408	119	105468	1.858	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	100273	1.801	ug/l	99
79) sec-Butylbenzene	11.634	105	137558	1.904	ug/l	99
80) Nitrobenzene	13.219	77	2157	7.986	ug/l #	76
81) p-Isopropyltoluene	11.781	119	105707	1.854	ug/l	99
82) 1,3-Dichlorobenzene	11.736	146	59568	1.882	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	57308	1.851	ug/l	96
84) n-Butylbenzene	12.199	91	94788	1.854	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	57519	1.891	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.987	75	4147	1.822	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	30065	2.027	ug/l	97
88) Hexachlorobutadiene	14.010	225	20647	1.948	ug/l	97
89) Naphthalene	14.084	128	46812	2.069	ug/l	97
90) 1,2,3-Trichlorobenzene	14.322	180	28334	1.952	ug/l	98

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

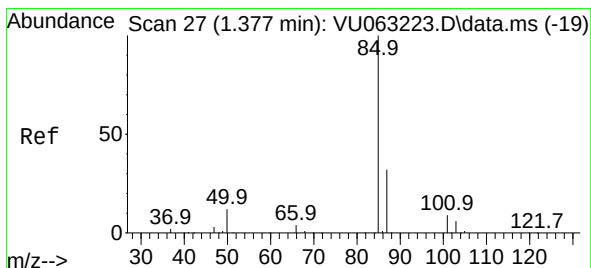
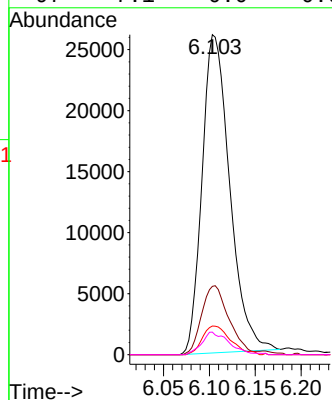
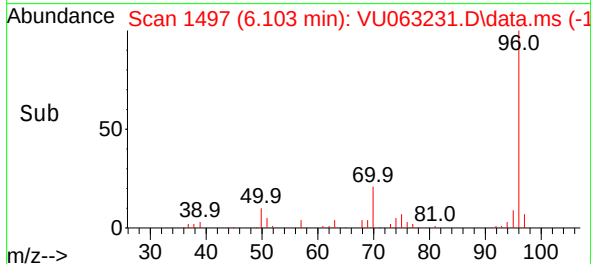


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :

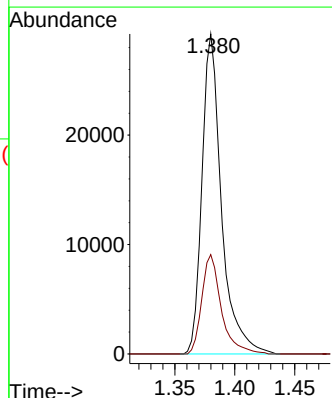
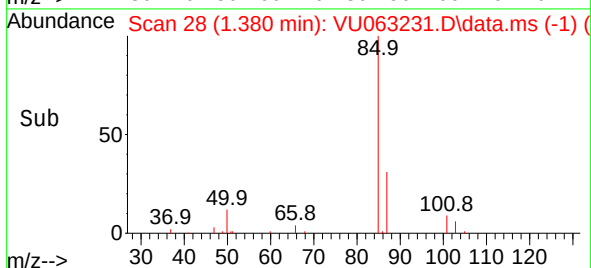
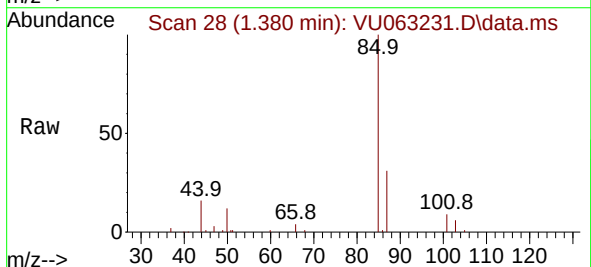


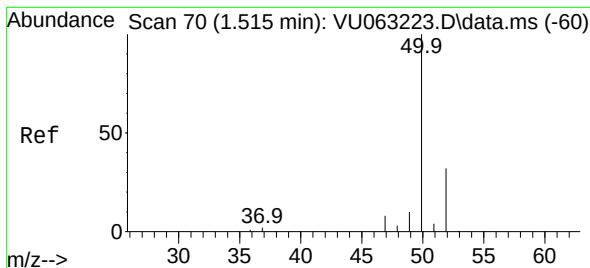
Tgt Ion: 96 Resp: 54780
Ion Ratio Lower Upper
96 100
70 20.2 15.6 23.4
95 9.1 7.3 10.9
97 7.1 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.860 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 85 Resp: 33113
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0





#3

Chloromethane

Concen: 1.814 ug/l

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

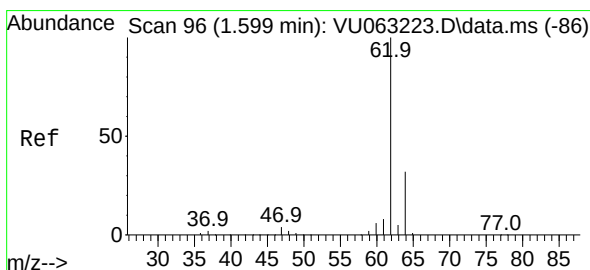
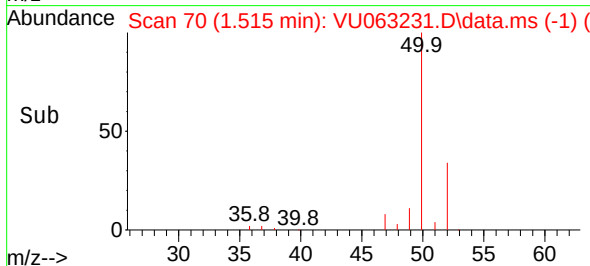
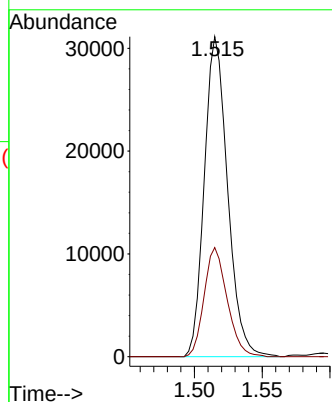
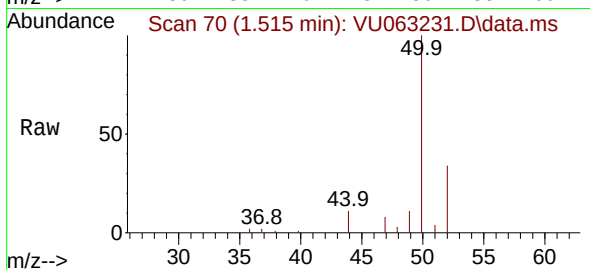
ClientSampleId :

Tgt Ion: 50 Resp: 37175

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.8



#4

Vinyl Chloride

Concen: 1.917 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063231.D

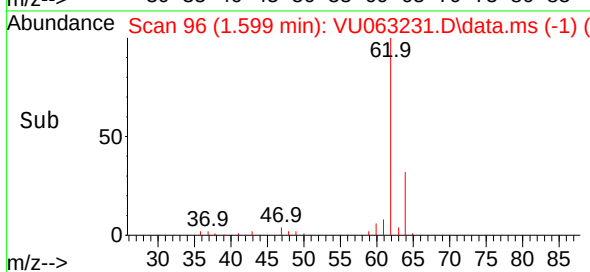
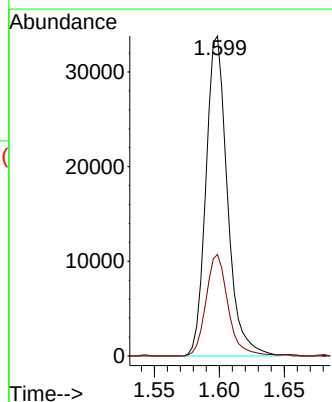
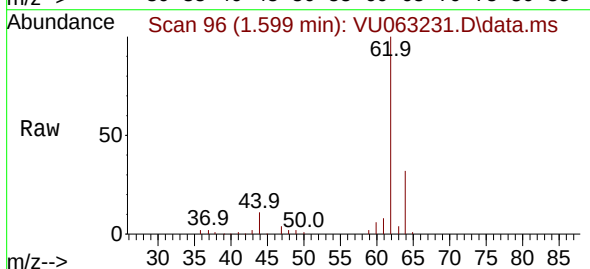
Acq: 11 Feb 2025 12:31

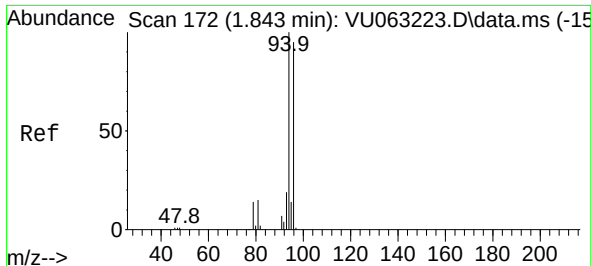
Tgt Ion: 62 Resp: 38868

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0

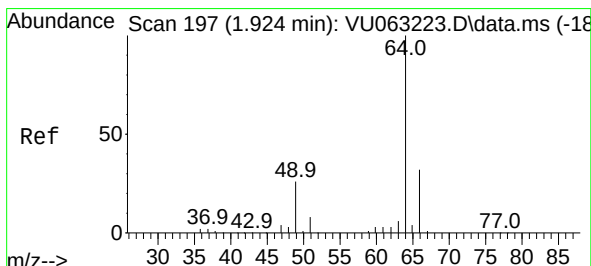
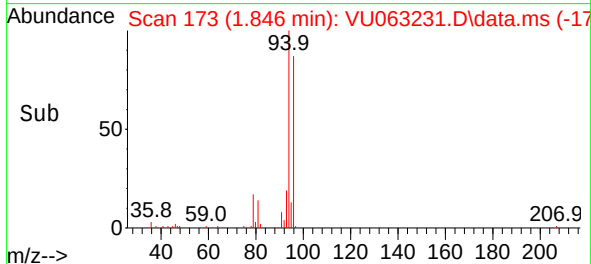
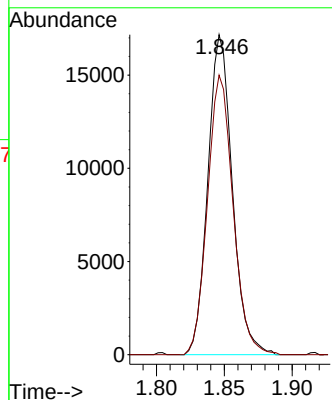
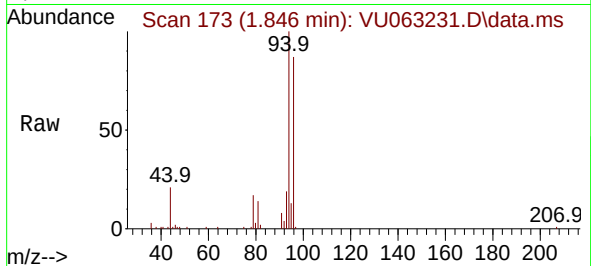




#5
Bromomethane
Concen: 2.179 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

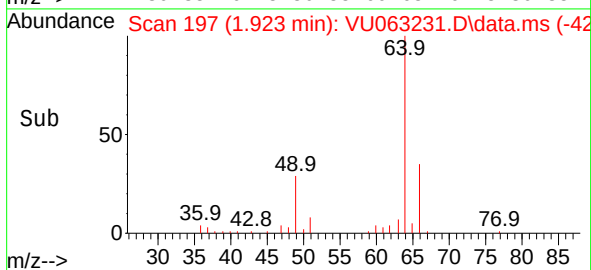
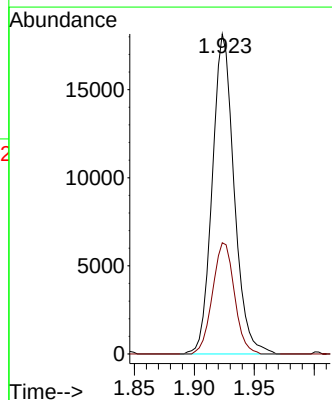
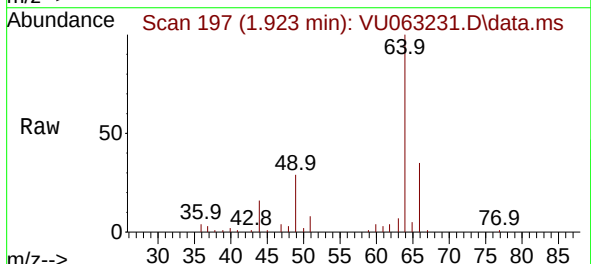
Instrument :
MSVOA_U
ClientSampleId :

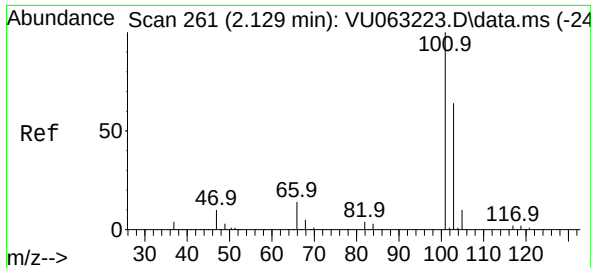
Tgt Ion: 94 Resp: 21592
Ion Ratio Lower Upper
94 100
96 87.4 75.7 113.5



#6
Chloroethane
Concen: 1.799 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

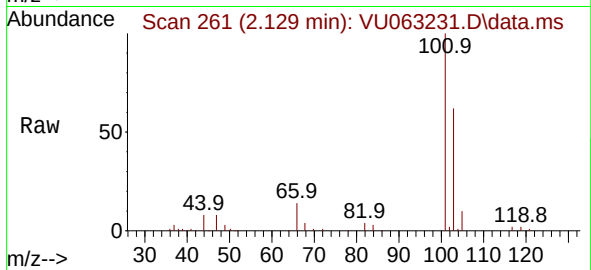
Tgt Ion: 64 Resp: 22977
Ion Ratio Lower Upper
64 100
66 34.8 25.8 38.8



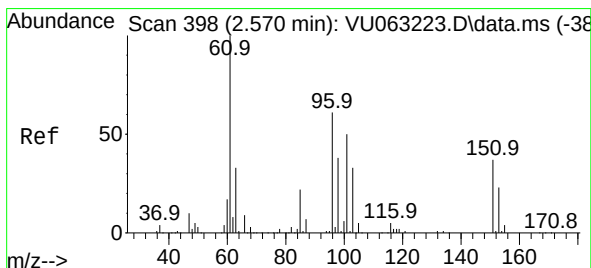
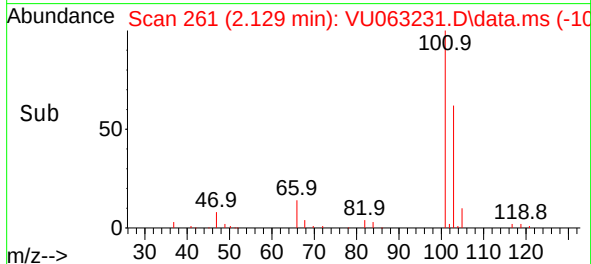
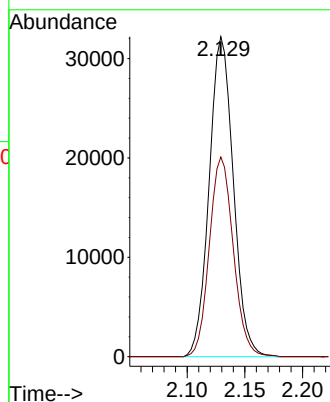


#7
 Trichlorofluoromethane
 Concen: 1.953 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

Instrument :
 MSVOA_U
 ClientSampleId :

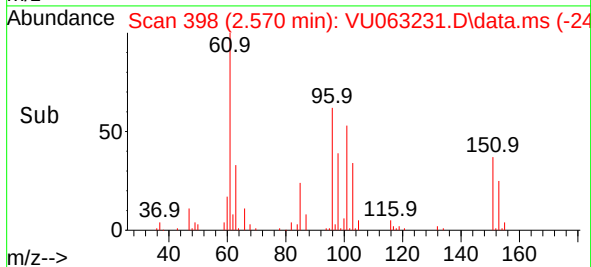
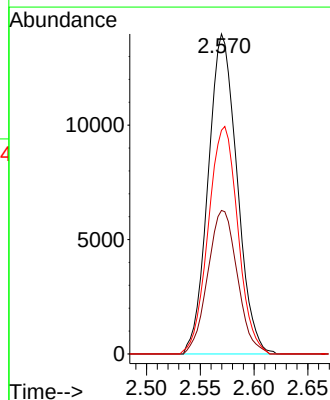
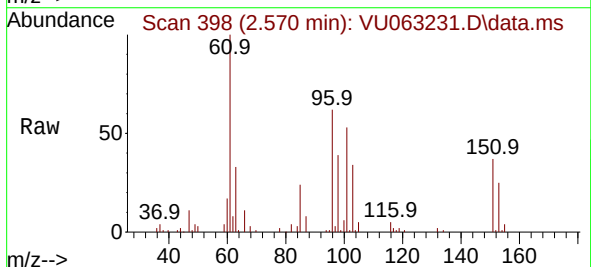


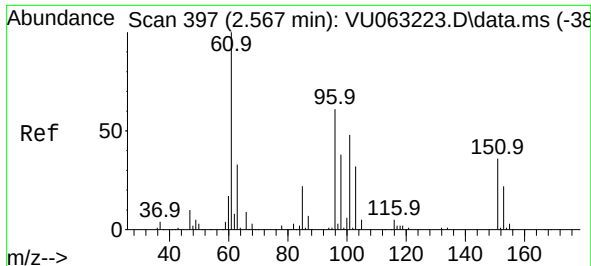
Tgt Ion:101 Resp: 46922
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.917 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

Tgt Ion:101 Resp: 26150
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.4 53.0
 151 72.9 58.5 87.7

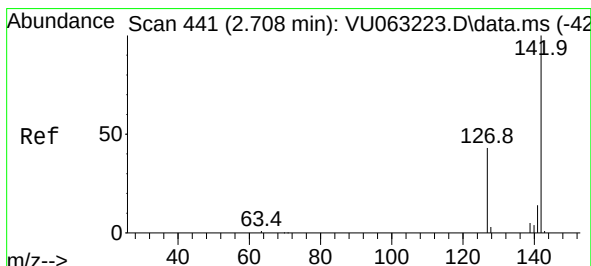
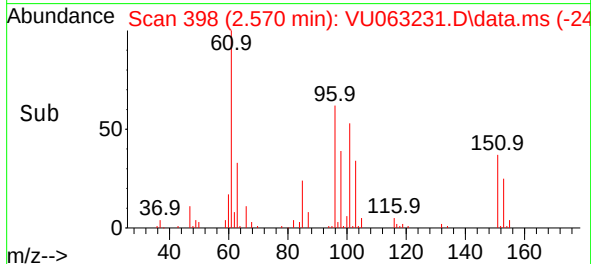
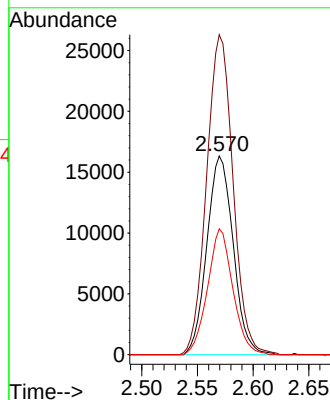
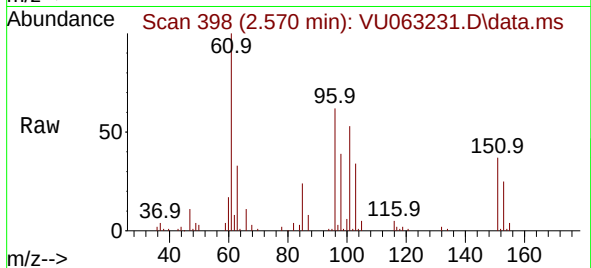




#9
1,1-Dichloroethene
Concen: 1.936 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

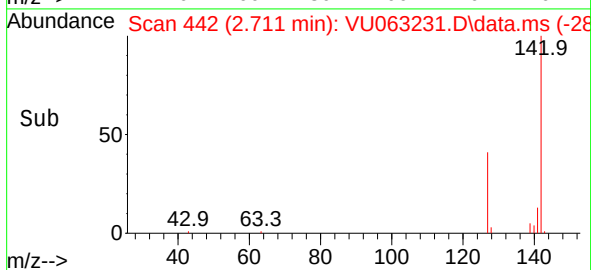
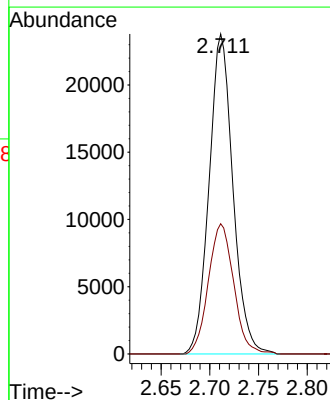
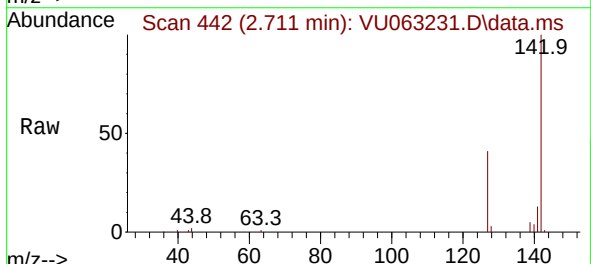
Instrument :
MSVOA_U
ClientSampleId :

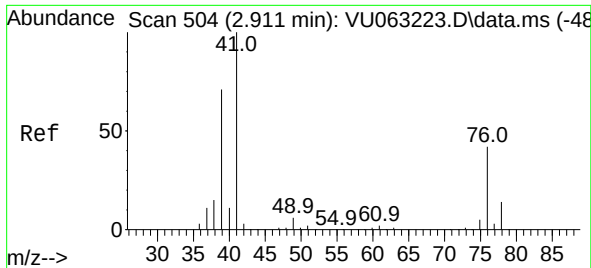
Tgt Ion: 96 Resp: 26901
Ion Ratio Lower Upper
96 100
61 161.0 0.0 492.9
98 63.3 0.0 124.0



#10
Iodomethane
Concen: 1.852 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:142 Resp: 40470
Ion Ratio Lower Upper
142 100
127 43.2 34.5 51.7

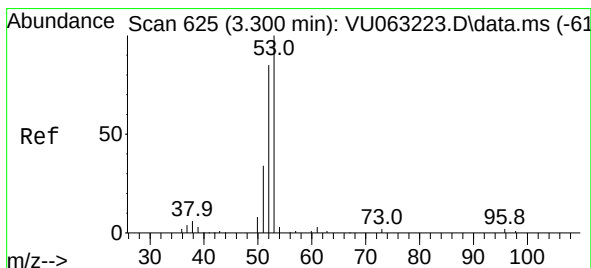
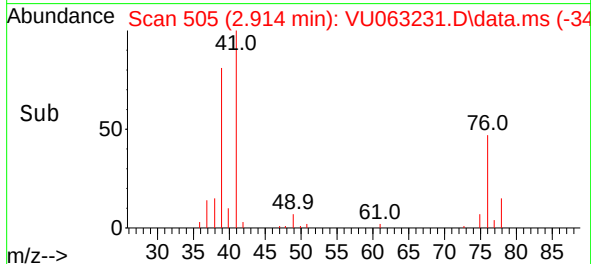
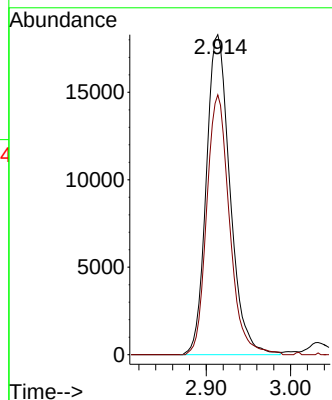
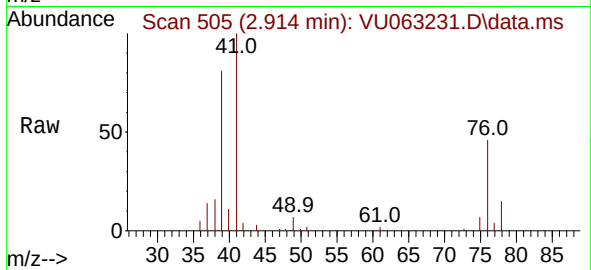




#11
 Allyl Chloride
 Concen: 1.795 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

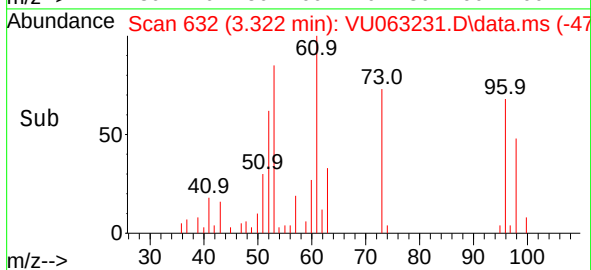
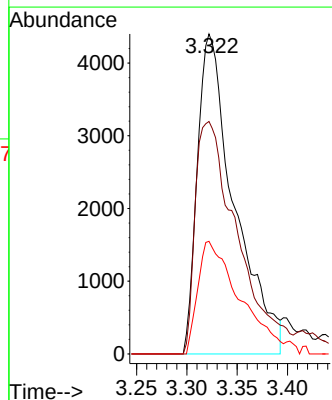
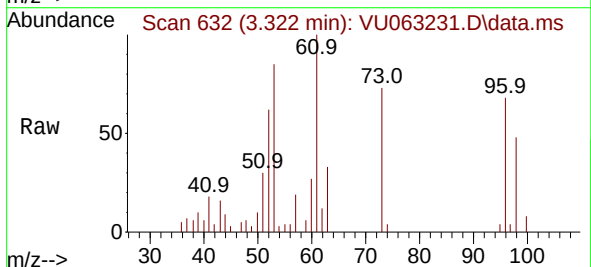
Instrument :
 MSVOA_U
 ClientSampleId :

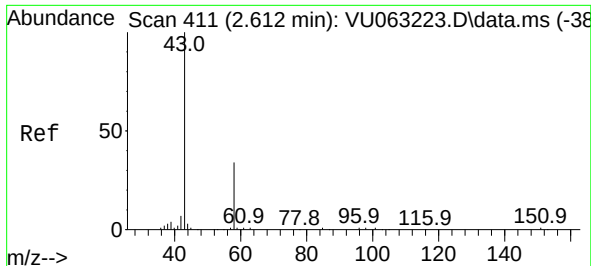
Tgt Ion: 41 Resp: 35836
 Ion Ratio Lower Upper
 41 100
 39 78.1 57.9 86.9



#12
 Acrylonitrile
 Concen: 3.509 ug/l
 RT: 3.322 min Scan# 632
 Delta R.T. 0.022 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

Tgt Ion: 53 Resp: 11247
 Ion Ratio Lower Upper
 53 100
 52 83.1 64.2 96.2
 51 39.8 30.8 46.2





#13

Acetone

Concen: 8.706 ug/l

RT: 2.624 min Scan# 411

Delta R.T. 0.013 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

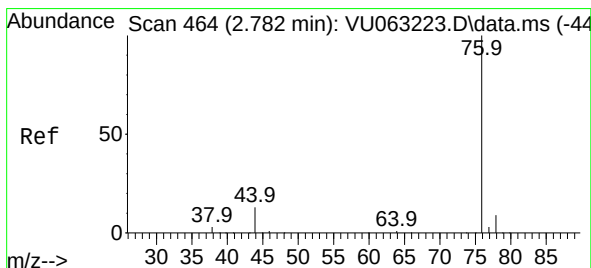
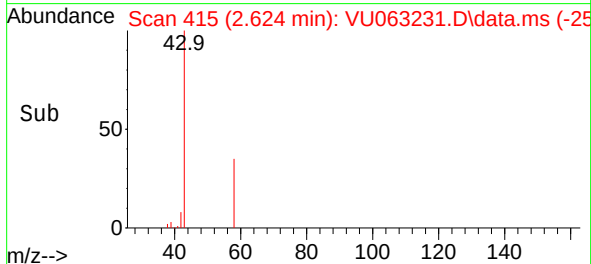
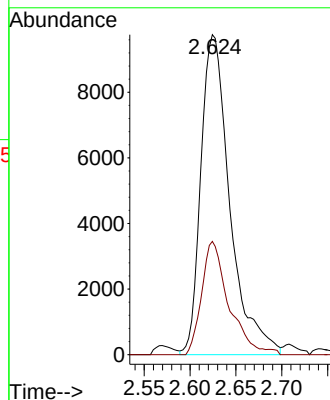
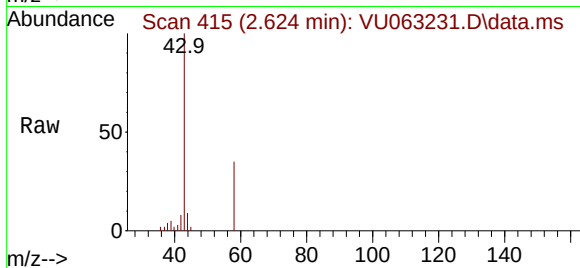
ClientSampleId :

Tgt Ion: 43 Resp: 21459

Ion Ratio Lower Upper

43 100

58 35.8 27.4 41.0



#14

Carbon Disulfide

Concen: 1.892 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063231.D

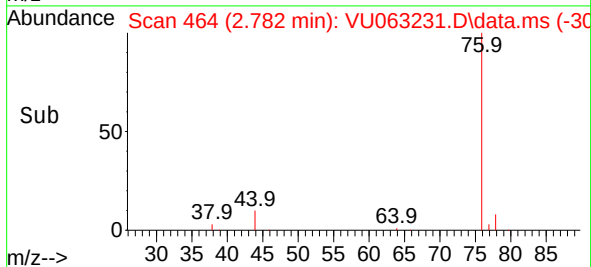
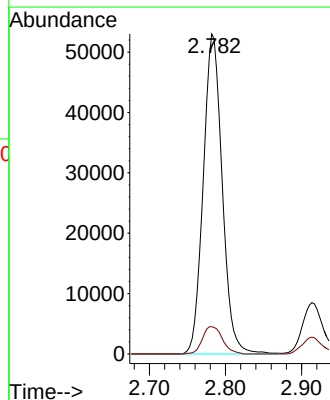
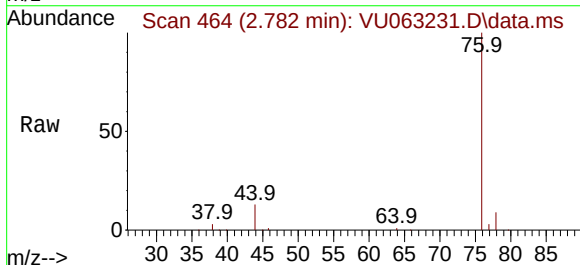
Acq: 11 Feb 2025 12:31

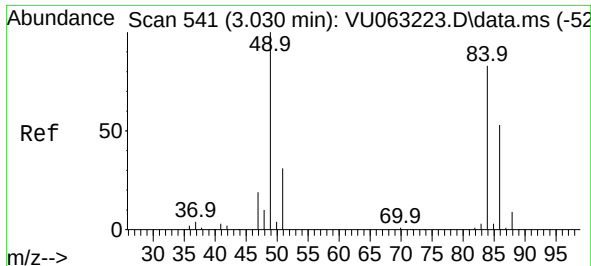
Tgt Ion: 76 Resp: 91922

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8





#15

Methylene Chloride

Concen: 1.903 ug/l

RT: 3.033 min Scan# 541

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 84 Resp: 32676

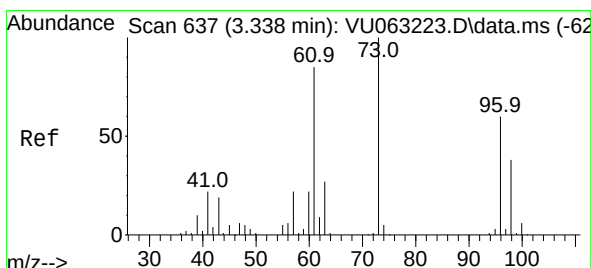
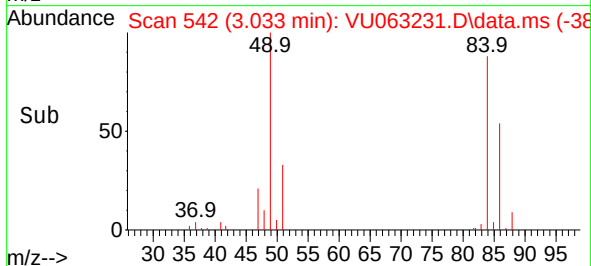
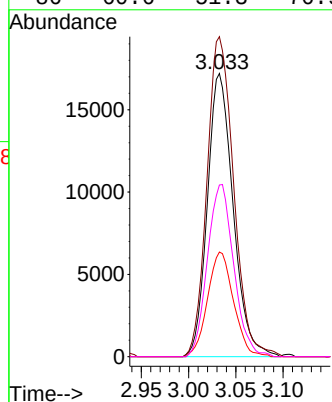
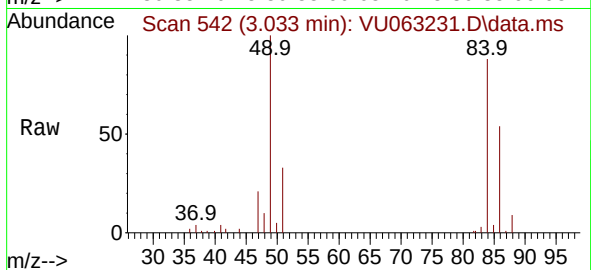
Ion Ratio Lower Upper

84 100

49 113.0 96.4 144.6

51 36.9 0.0 74.8

86 60.6 51.3 76.9



#16

trans-1,2-Dichloroethene

Concen: 1.888 ug/l

RT: 3.341 min Scan# 638

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

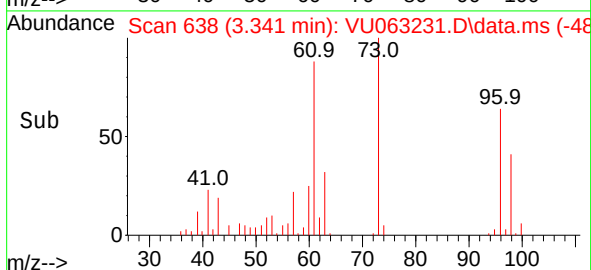
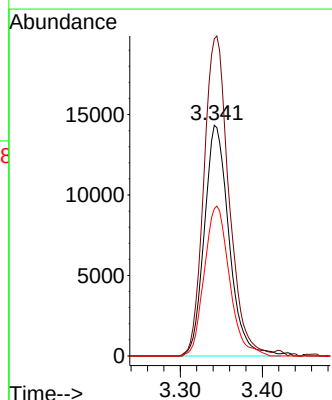
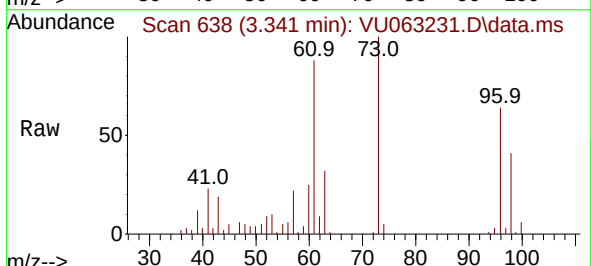
Tgt Ion: 96 Resp: 29942

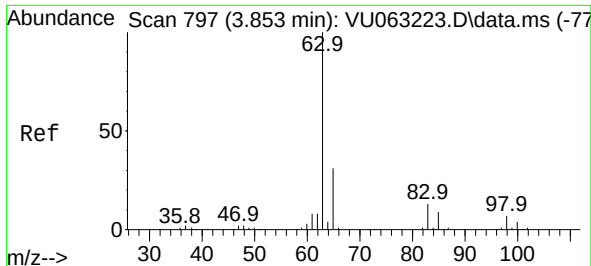
Ion Ratio Lower Upper

96 100

61 137.5 113.4 170.2

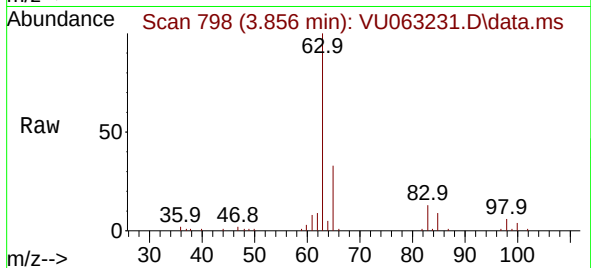
98 63.8 51.2 76.8



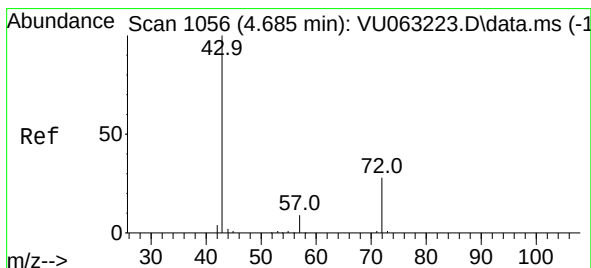
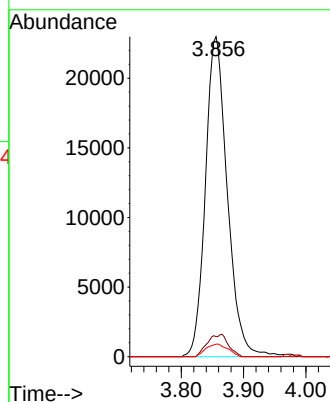
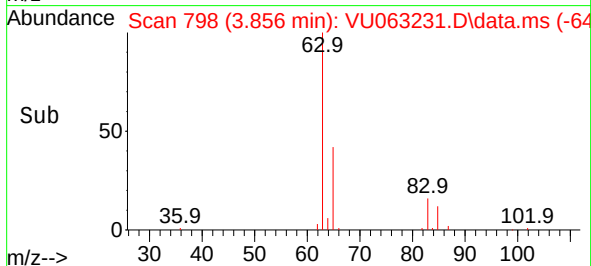


#17
1,1-Dichloroethane
Concen: 1.877 ug/l
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :

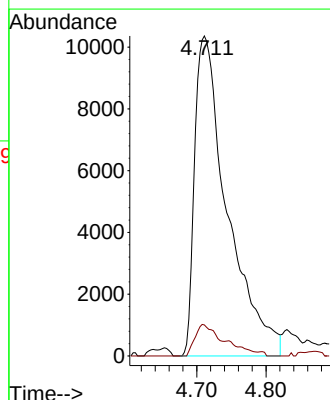
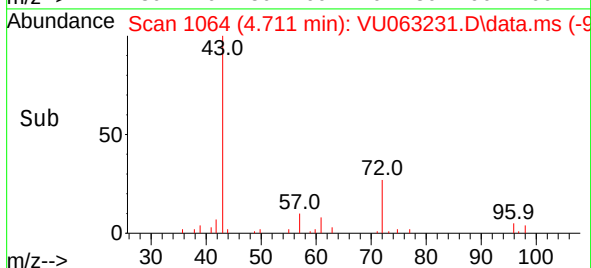
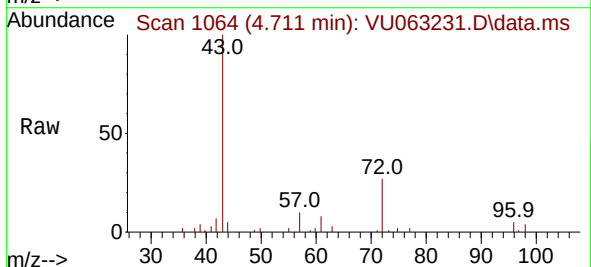


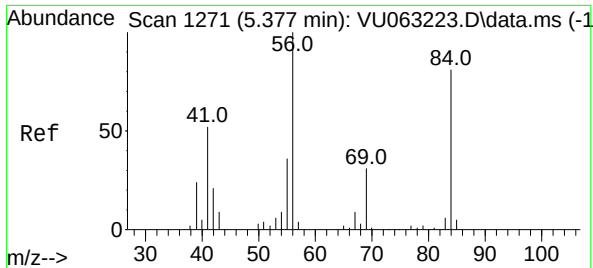
Tgt Ion: 63 Resp: 56108
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.9
100 3.9 2.1 6.2



#18
2-Butanone
Concen: 8.673 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.026 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

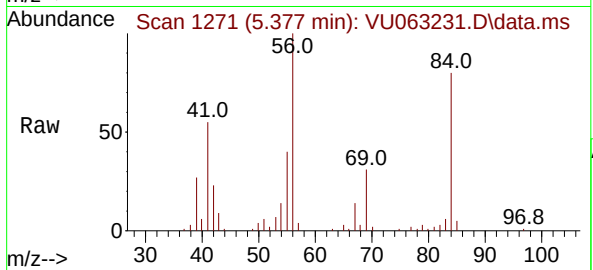
Tgt Ion: 43 Resp: 34023
Ion Ratio Lower Upper
43 100
57 9.7 0.0 17.0



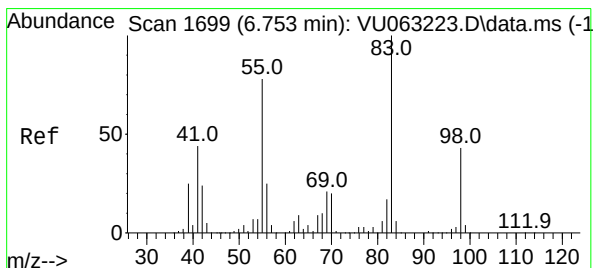
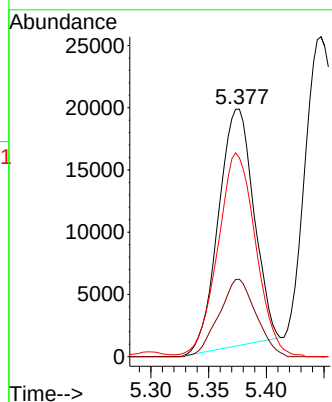
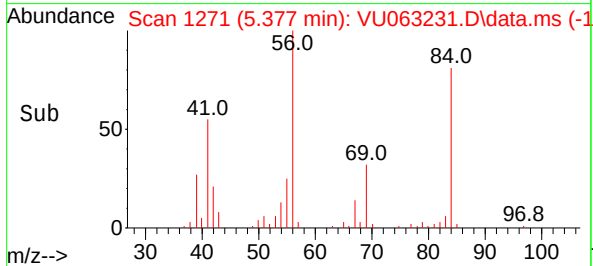


#19
Cyclohexane
Concen: 1.691 ug/l
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Instrument :
MSVOA_U
ClientSampleId :

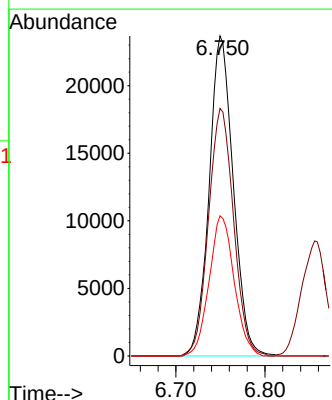
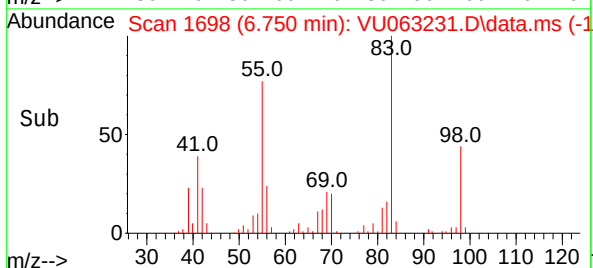
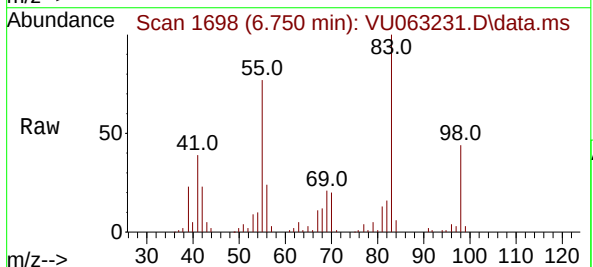


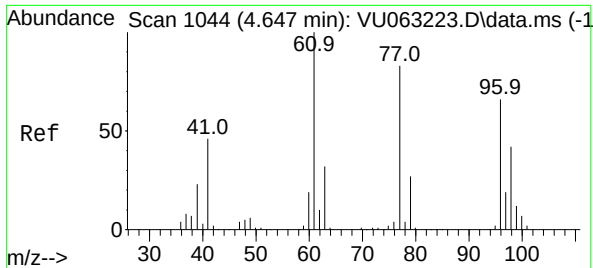
Tgt Ion:	56	Resp:	40628
Ion Ratio	Lower	Upper	
56	100		
69	34.2	24.5	36.7
84	91.1	65.2	97.8



#20
Methylcyclohexane
Concen: 1.871 ug/l
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:	83	Resp:	44579
Ion Ratio	Lower	Upper	
83	100		
55	80.4	63.1	94.7
98	45.4	35.2	52.8

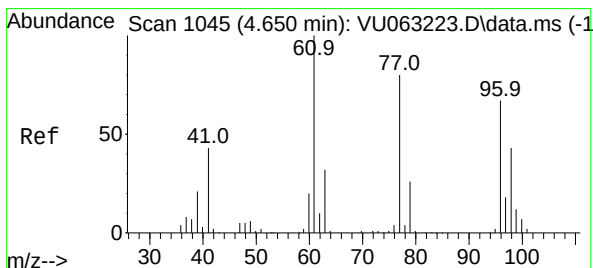
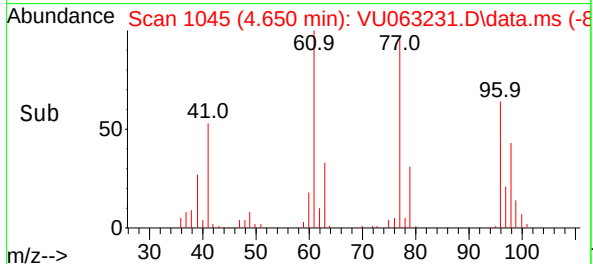
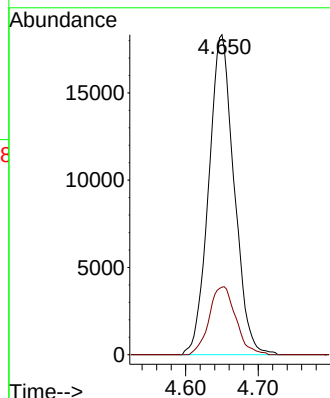
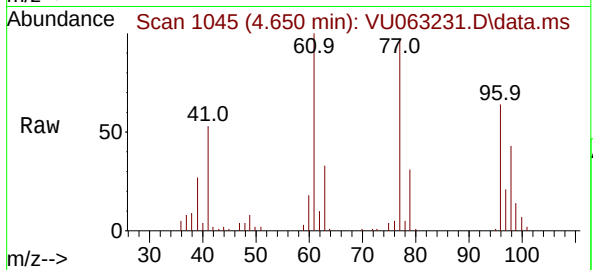




#21
2,2-Dichloropropane
Concen: 1.910 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

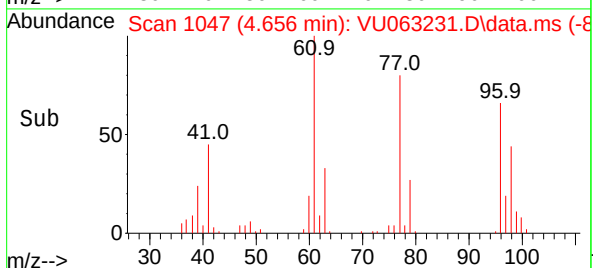
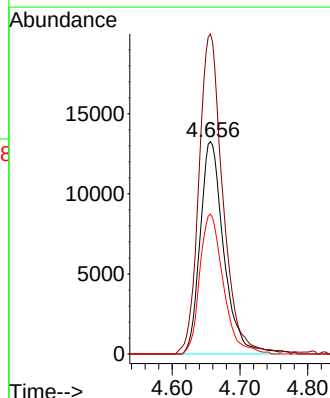
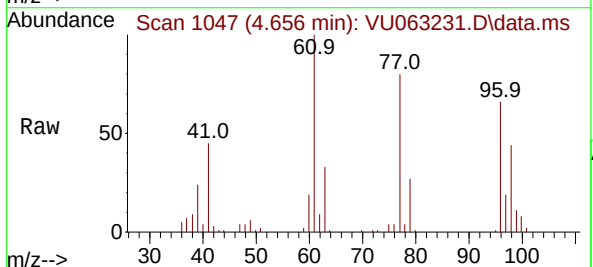
Instrument :
MSVOA_U
ClientSampleId :

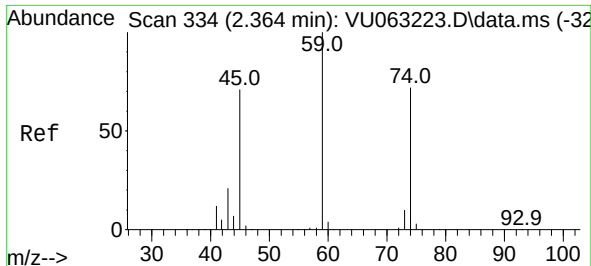
Tgt Ion: 77 Resp: 44541
Ion Ratio Lower Upper
77 100
97 22.3 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 1.875 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 96 Resp: 32128
Ion Ratio Lower Upper
96 100
61 153.4 0.0 373.3
98 65.5 31.9 95.9

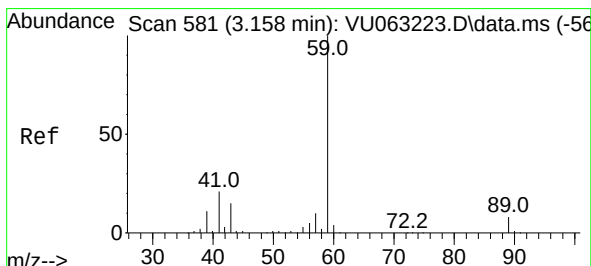
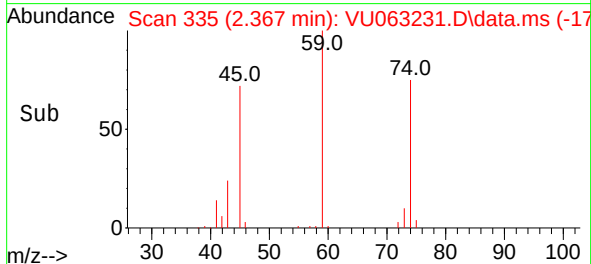
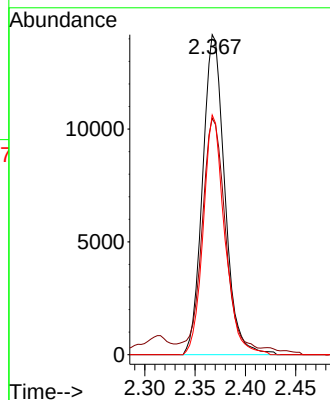
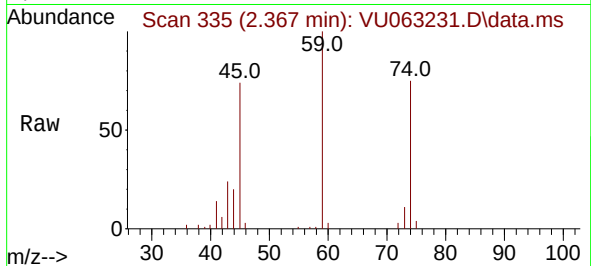




#23
Diethyl Ether
Concen: 1.824 ug/l
RT: 2.367 min Scan# 334
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

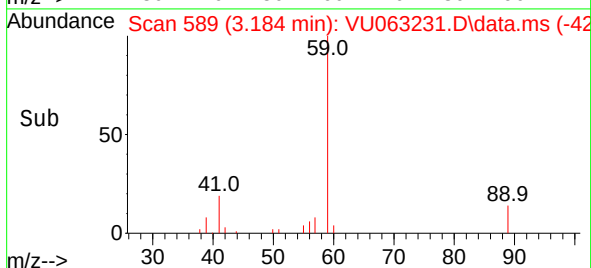
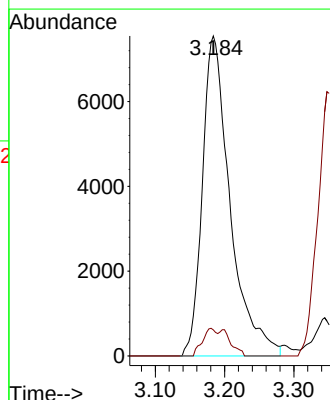
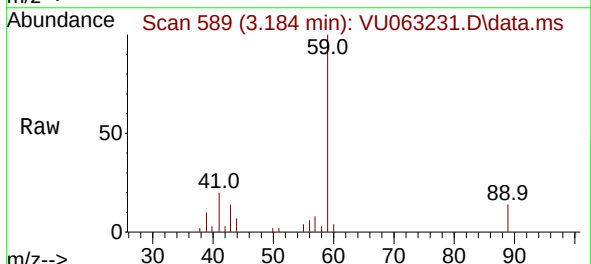
Instrument :
MSVOA_U
ClientSampleId :

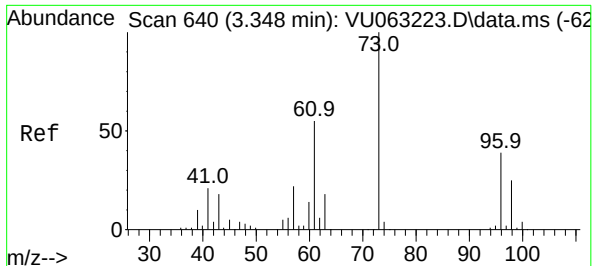
Tgt Ion: 59 Resp: 21752
Ion Ratio Lower Upper
59 100
45 73.4 57.8 86.6
74 72.7 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 11.463 ug/l
RT: 3.184 min Scan# 589
Delta R.T. 0.026 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 59 Resp: 20987
Ion Ratio Lower Upper
59 100
57 4.5 7.5 11.3#





#25

Methyl tert-Butyl Ether

Concen: 1.866 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

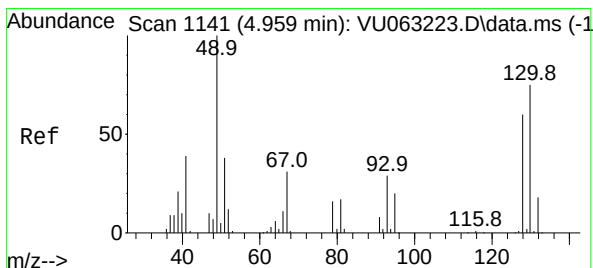
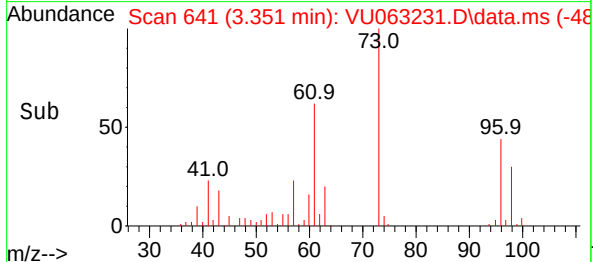
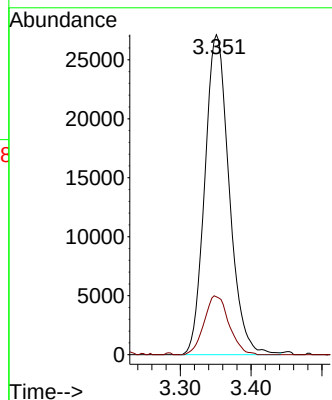
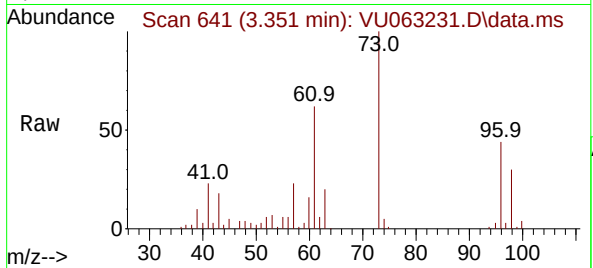
ClientSampleId :

Tgt Ion: 73 Resp: 64764

Ion Ratio Lower Upper

73 100

43 18.7 14.9 22.3



#26

Bromochloromethane

Concen: 1.885 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

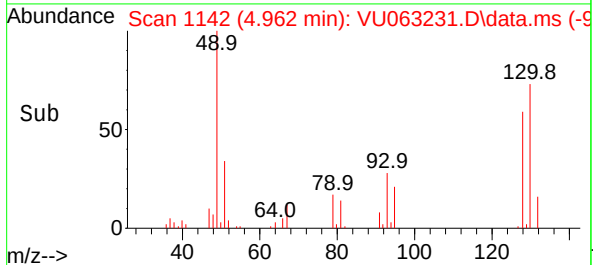
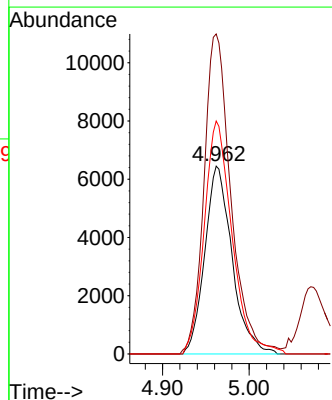
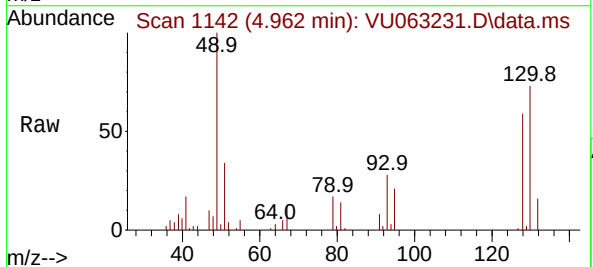
Tgt Ion: 128 Resp: 14122

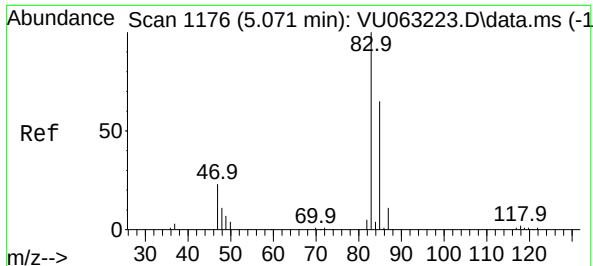
Ion Ratio Lower Upper

128 100

49 168.1 0.0 343.4

130 126.8 102.9 154.3





#27

Chloroform

Concen: 1.902 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

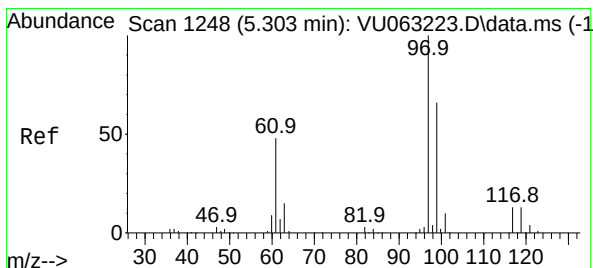
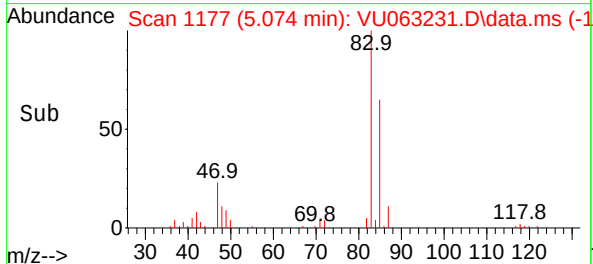
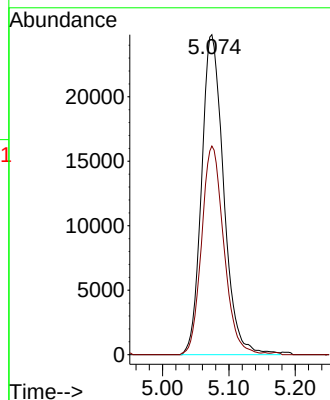
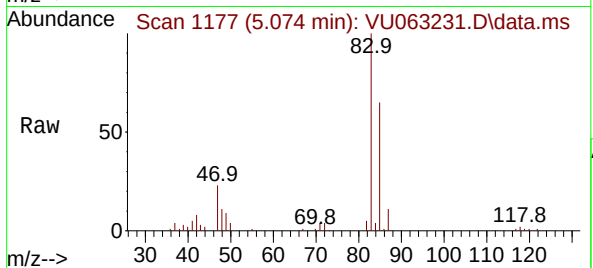
ClientSampleId :

Tgt Ion: 83 Resp: 57379

Ion Ratio Lower Upper

83 100

85 65.2 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 1.925 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

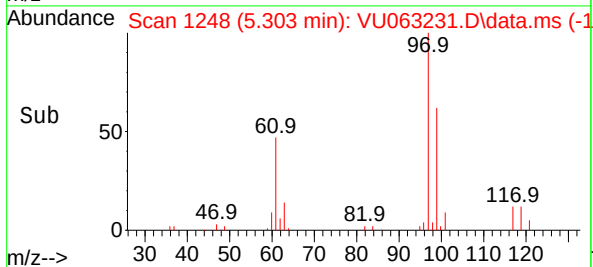
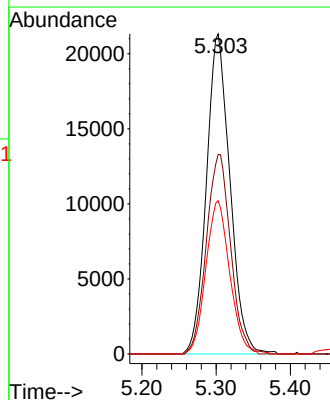
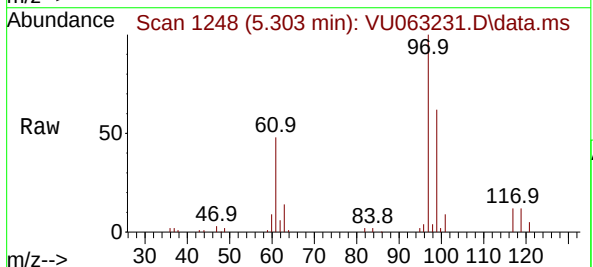
Tgt Ion: 97 Resp: 47038

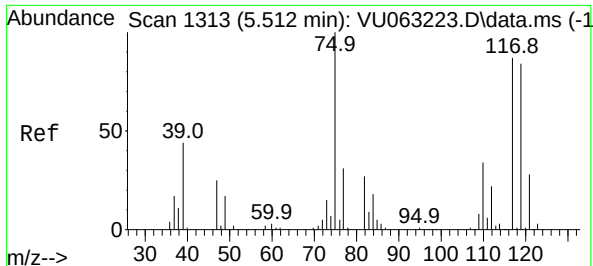
Ion Ratio Lower Upper

97 100

99 64.1 32.4 97.0

61 48.2 23.8 71.2

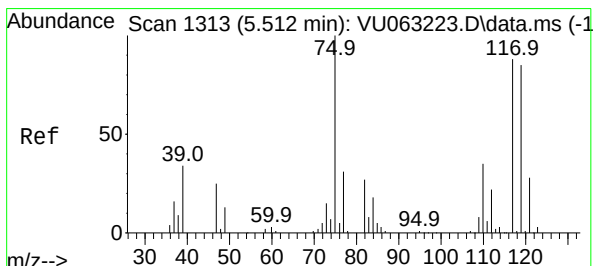
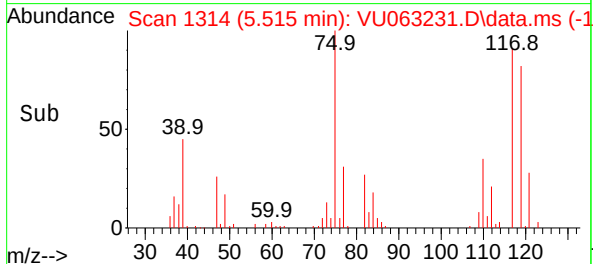
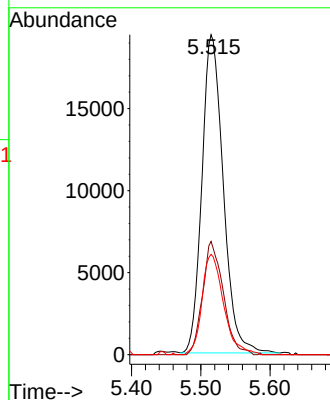
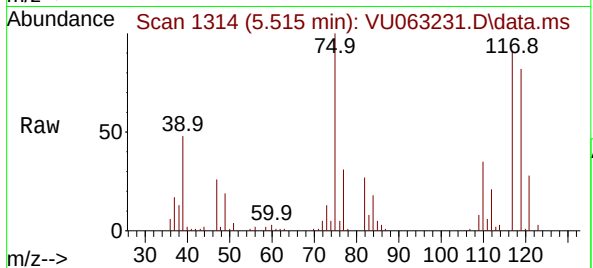




#29
1,1-Dichloropropene
Concen: 1.895 ug/l
RT: 5.515 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

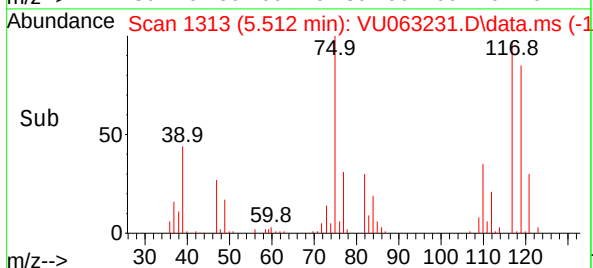
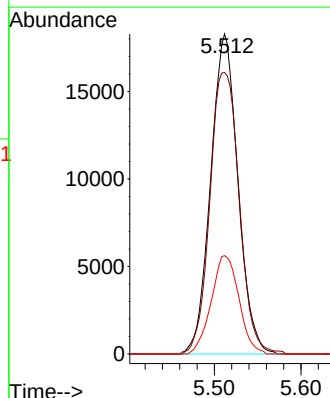
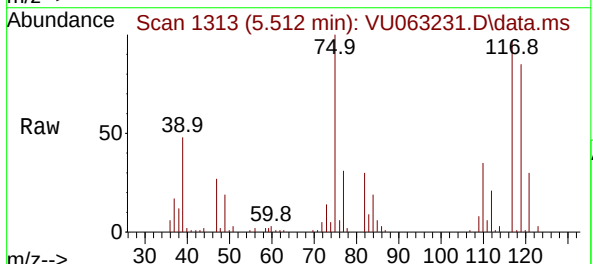
Instrument :
MSVOA_U
ClientSampleId :

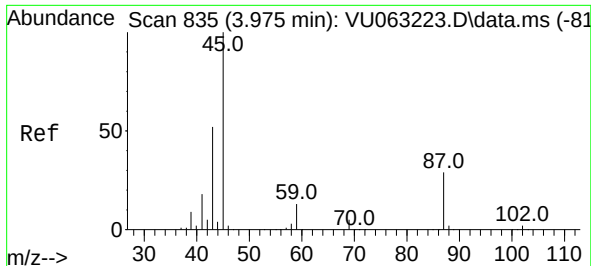
Tgt Ion: 75 Resp: 41492
Ion Ratio Lower Upper
75 100
110 34.4 17.2 51.5
77 31.9 24.6 37.0



#30
Carbon Tetrachloride
Concen: 1.905 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 117 Resp: 39937
Ion Ratio Lower Upper
117 100
119 88.0 76.7 115.1
121 30.8 25.5 38.3

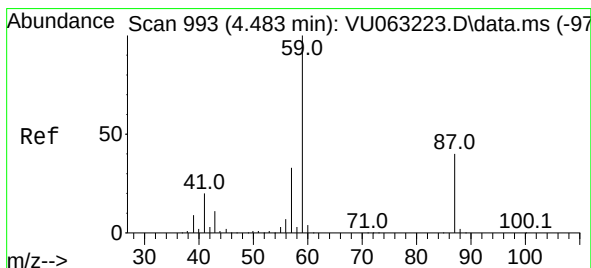
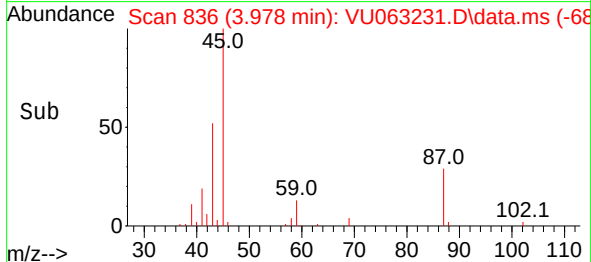
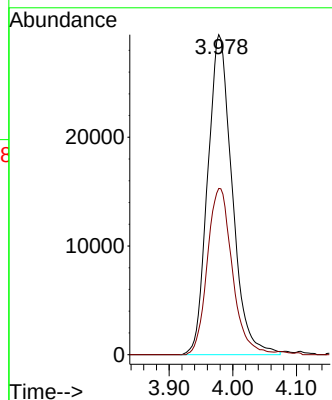
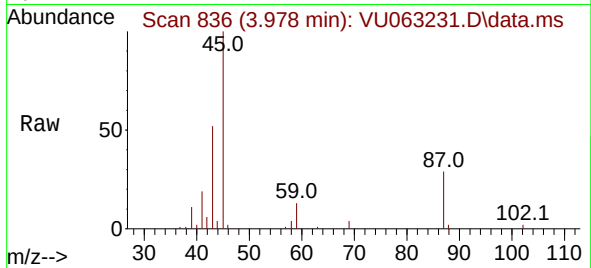




#31
Isopropyl Ether
Concen: 1.840 ug/l
RT: 3.978 min Scan# 835
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

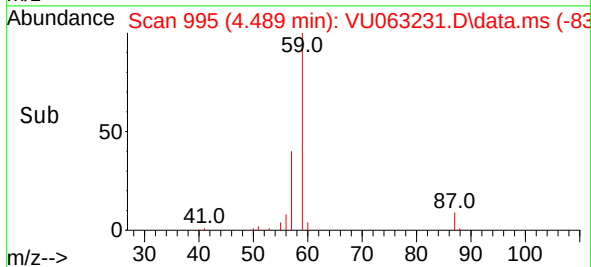
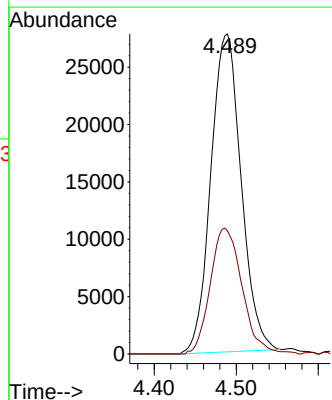
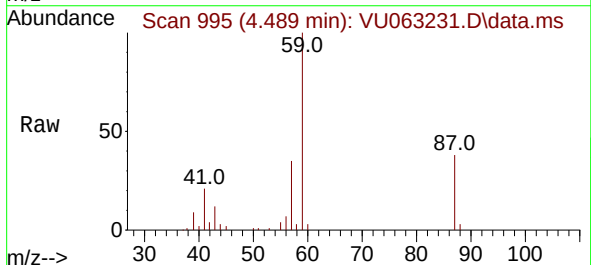
Instrument :
MSVOA_U
ClientSampleId :

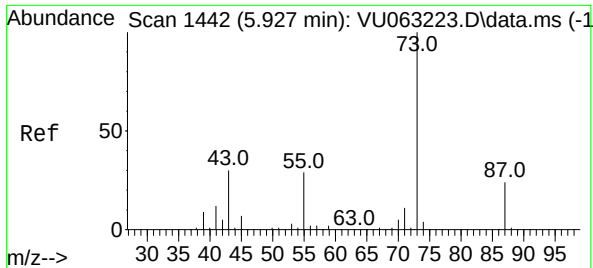
Tgt Ion: 45 Resp: 78534
Ion Ratio Lower Upper
45 100
43 53.1 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 1.836 ug/l
RT: 4.489 min Scan# 995
Delta R.T. 0.006 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

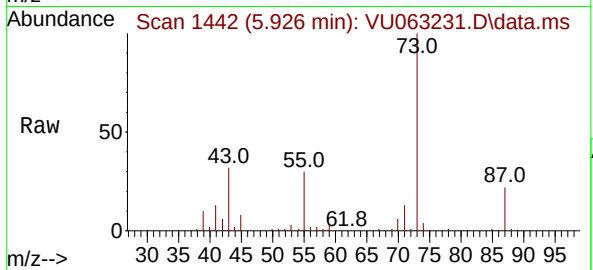
Tgt Ion: 59 Resp: 71285
Ion Ratio Lower Upper
59 100
87 41.5 32.6 49.0



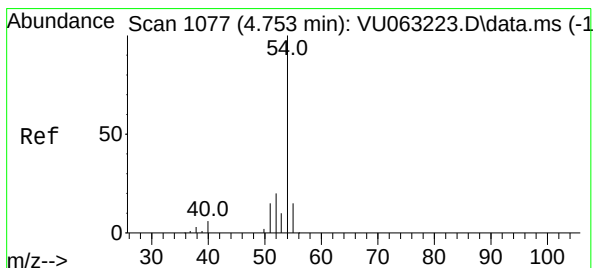
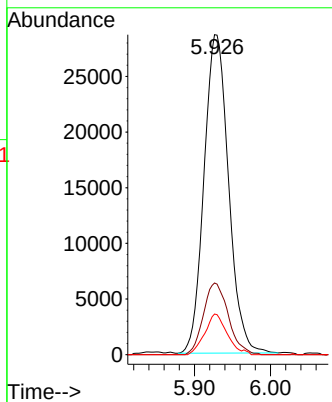
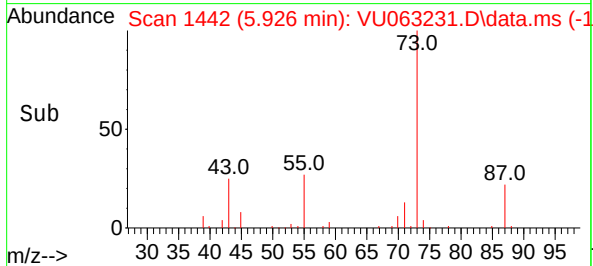


#33
Tert-Amyl methyl ether
Concen: 1.892 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

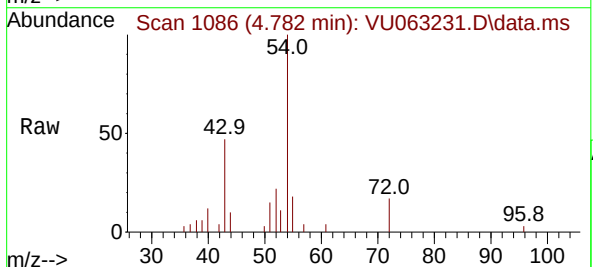
Instrument :
MSVOA_U
ClientSampleId :



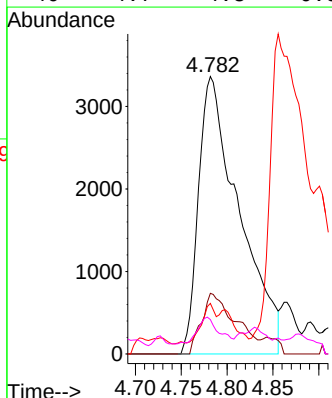
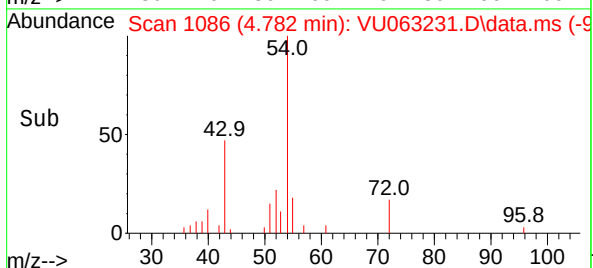
Tgt Ion	Ratio	Lower	Upper
73	100		
87	22.9	18.9	28.3
71	11.7	9.0	13.4

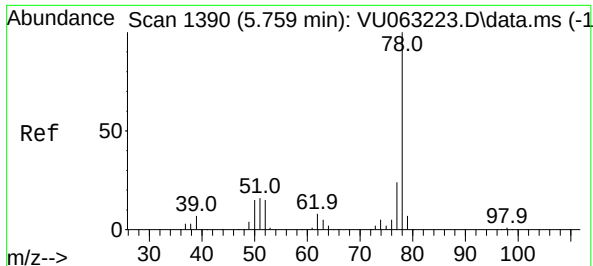


#34
Propionitrile
Concen: 8.743 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.029 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.5	16.3	24.5
55	4.6	11.8	17.6#
40	4.7	4.3	6.5





#35

Benzene

Concen: 1.895 ug/l

RT: 5.762 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

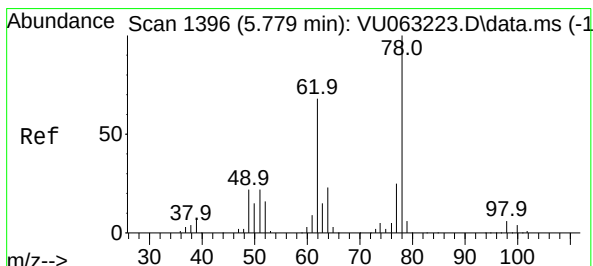
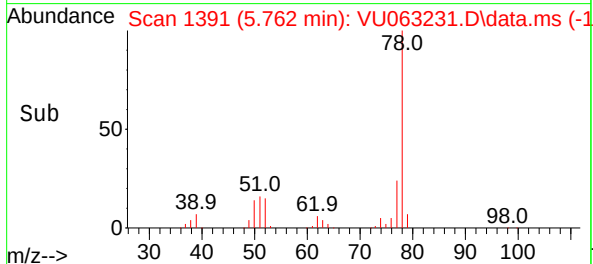
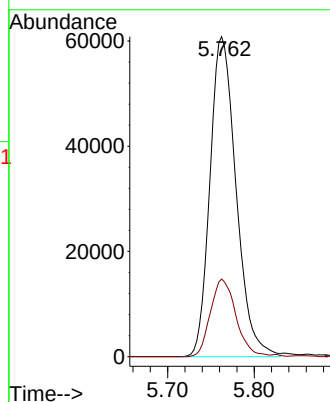
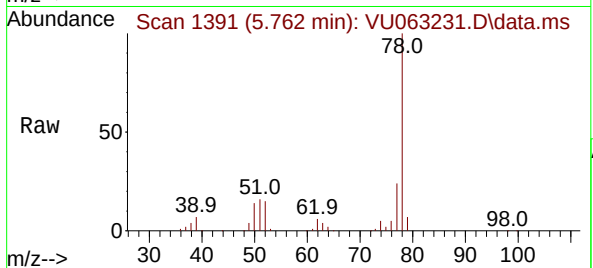
ClientSampleId :

Tgt Ion: 78 Resp: 127531

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



#36

1,2-Dichloroethane

Concen: 1.847 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VU063231.D

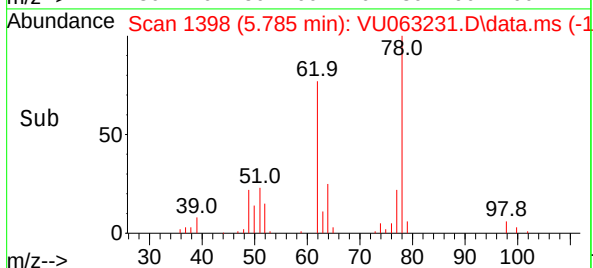
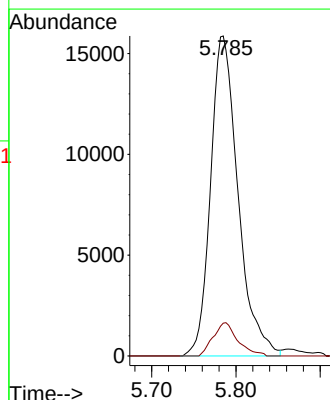
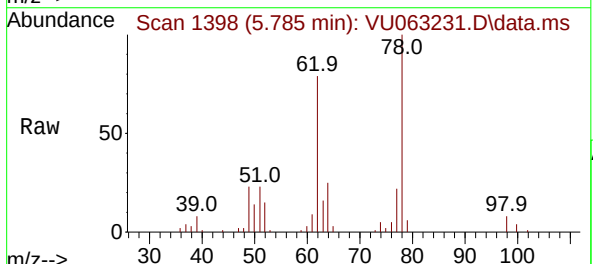
Acq: 11 Feb 2025 12:31

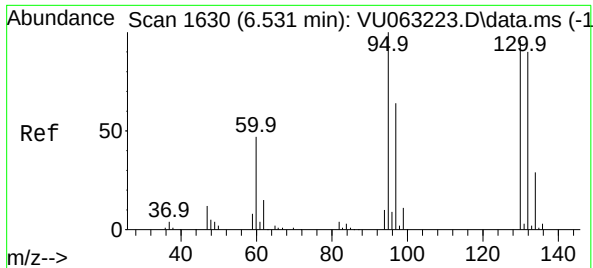
Tgt Ion: 62 Resp: 35880

Ion Ratio Lower Upper

62 100

98 9.3 6.9 10.3

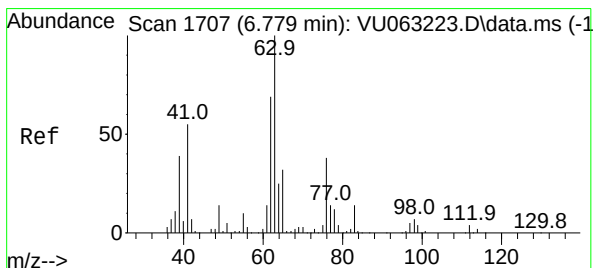
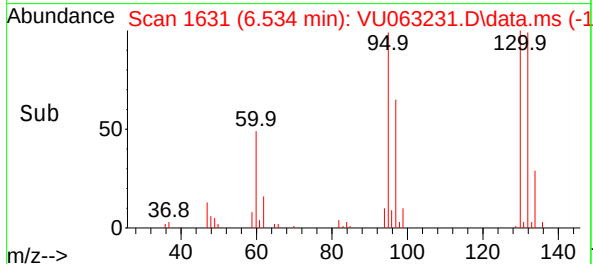
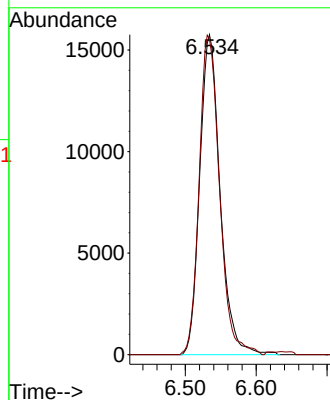
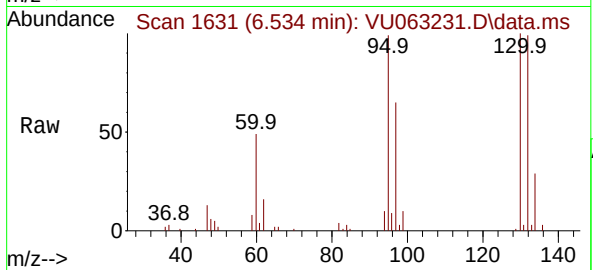




#37
Trichloroethene
Concen: 1.965 ug/l
RT: 6.534 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

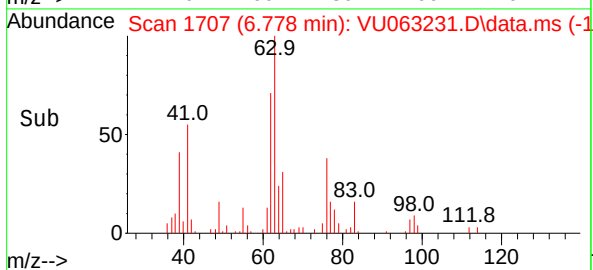
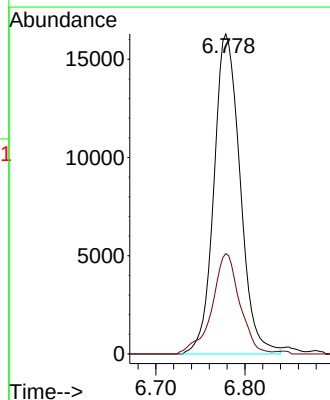
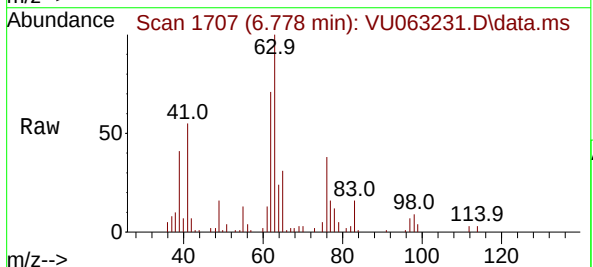
Instrument :
MSVOA_U
ClientSampleId :

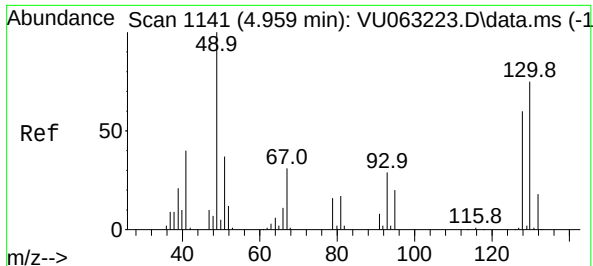
Tgt Ion:130 Resp: 31454
Ion Ratio Lower Upper
130 100
95 98.5 83.2 124.8



#38
1,2-Dichloropropane
Concen: 1.892 ug/l
RT: 6.778 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 63 Resp: 33332
Ion Ratio Lower Upper
63 100
65 30.7 25.3 37.9





#39

Methacrylonitrile

Concen: 1.788 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.016 min

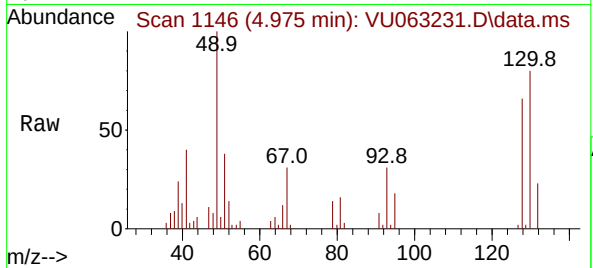
Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 7882

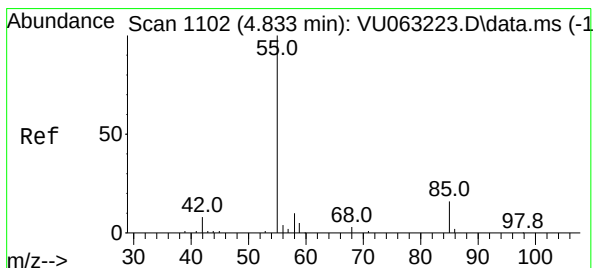
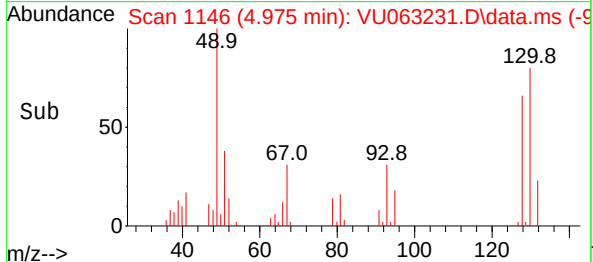
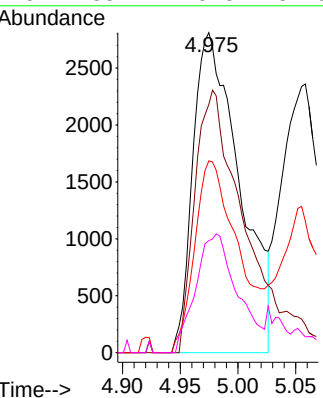
Ion Ratio Lower Upper

41 100

67 89.5 64.5 96.7

39 56.4 43.0 64.6

52 33.4 25.3 37.9



#40

Methyl acrylate

Concen: 1.106 ug/l

RT: 4.856 min Scan# 1109

Delta R.T. 0.022 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion: 55 Resp: 8989

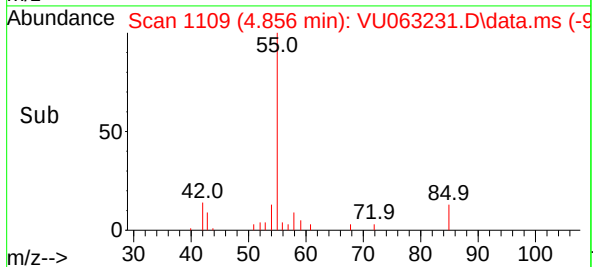
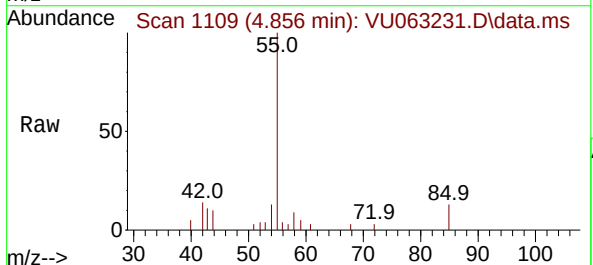
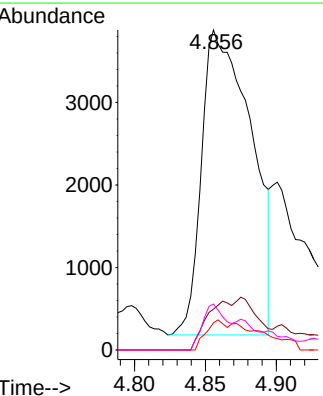
Ion Ratio Lower Upper

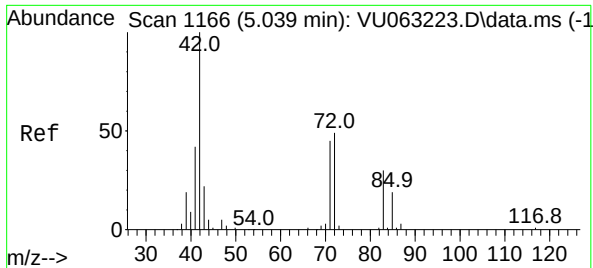
55 100

85 0.0 13.3 19.9#

58 4.0 7.3 10.9#

42 7.2 6.9 10.3

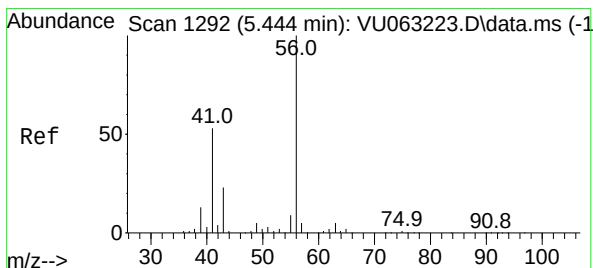
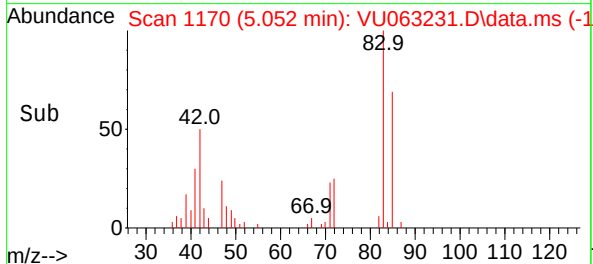
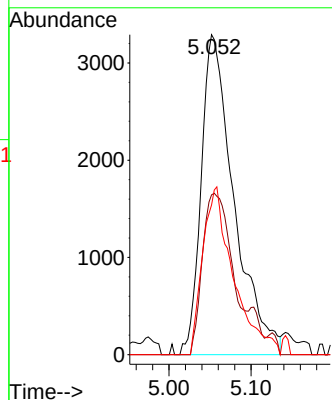
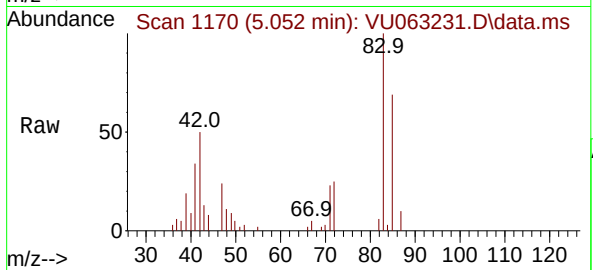




#41
Tetrahydrofuran
Concen: 3.568 ug/l
RT: 5.052 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

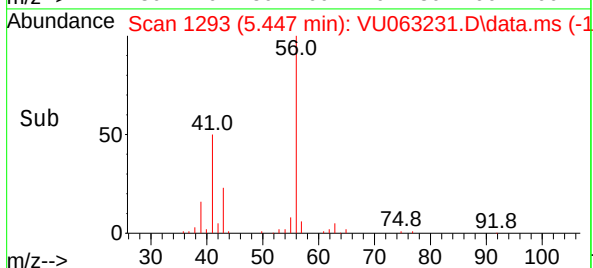
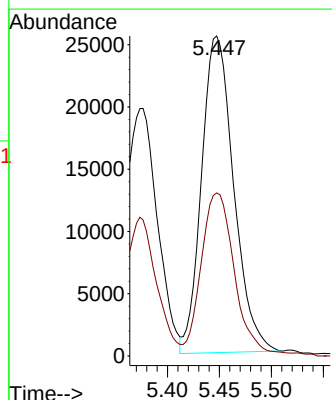
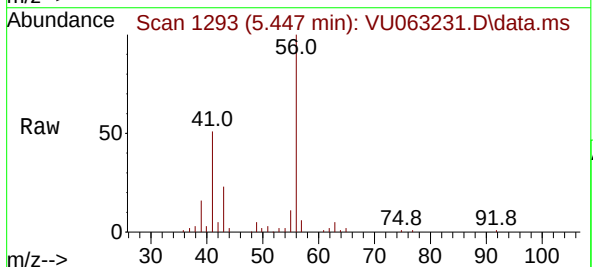
Instrument :
MSVOA_U
ClientSampleId :

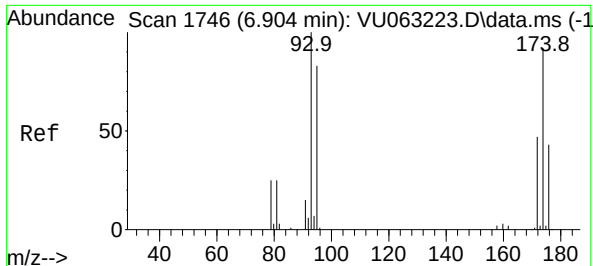
Tgt Ion: 42 Resp: 9149
Ion Ratio Lower Upper
42 100
72 45.9 41.5 62.3
71 49.2 37.2 55.8



#42
1-Chlorobutane
Concen: 1.826 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 56 Resp: 54703
Ion Ratio Lower Upper
56 100
41 53.7 26.3 78.8





#43

Dibromomethane

Concen: 1.851 ug/l

RT: 6.907 min Scan# 1

Delta R.T. 0.003 min

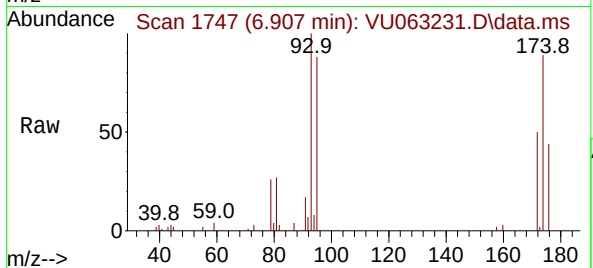
Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :



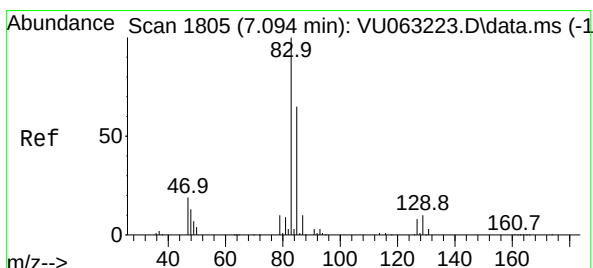
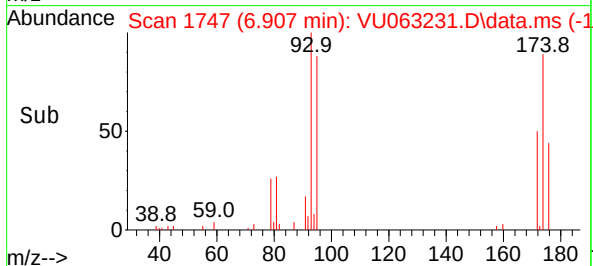
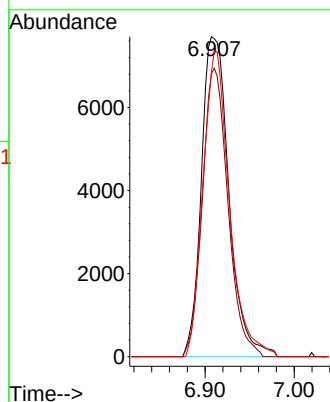
Tgt Ion: 93 Resp: 16512

Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

174 91.7 75.7 113.5



#44

Bromodichloromethane

Concen: 1.953 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

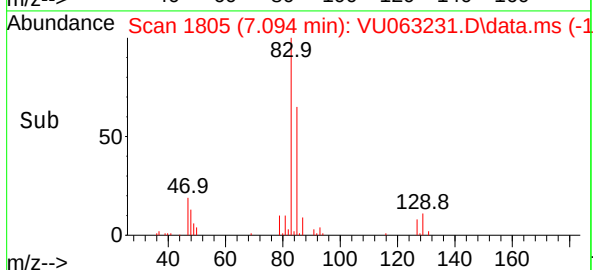
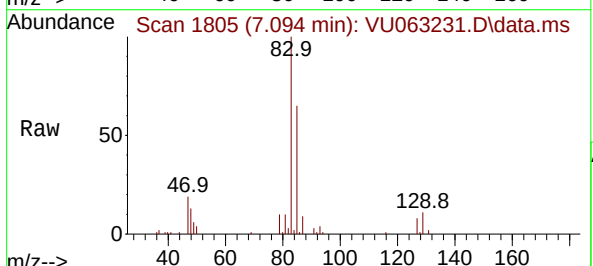
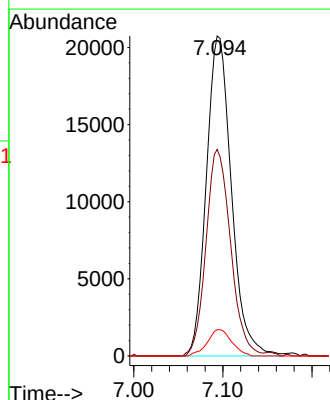
Tgt Ion: 83 Resp: 40544

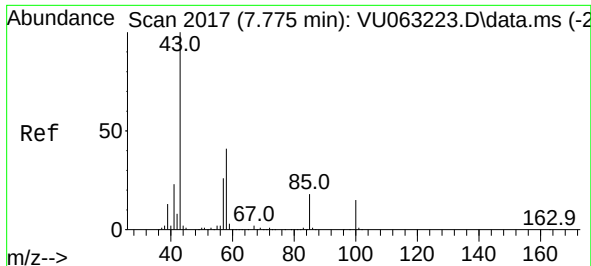
Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5

127 8.2 6.7 10.1

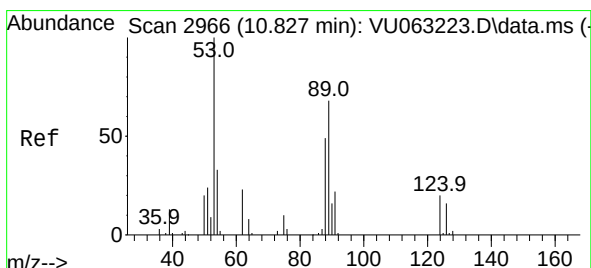
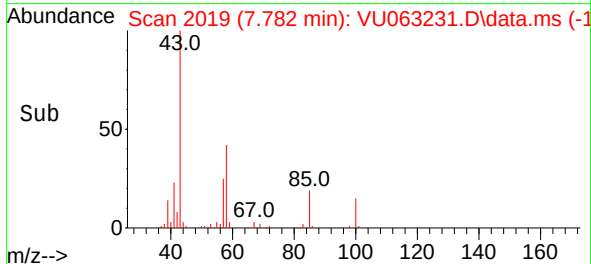
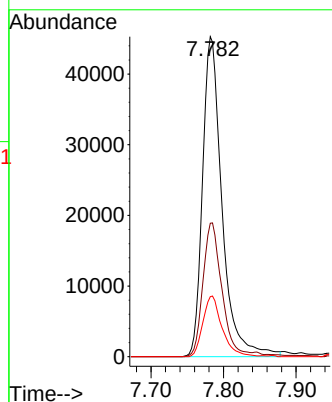
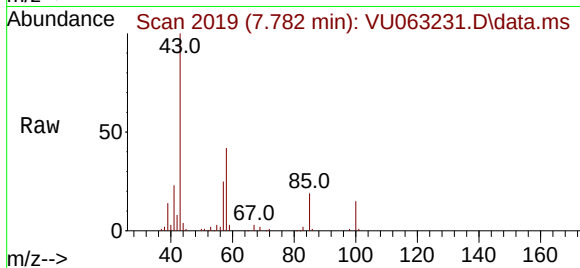




#45
4-Methyl-2-Pentanone
Concen: 9.059 ug/l
RT: 7.782 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

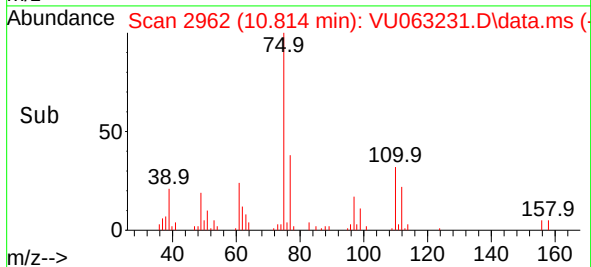
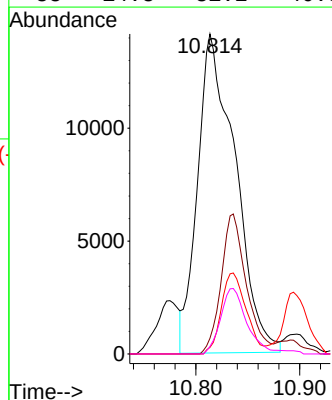
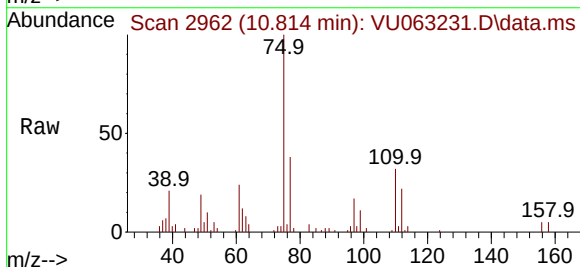
Instrument :
MSVOA_U
ClientSampleId :

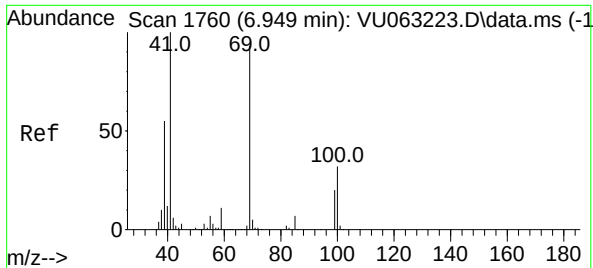
Tgt Ion: 43 Resp: 84721
Ion Ratio Lower Upper
43 100
58 40.4 20.8 62.5
85 18.6 14.8 22.2



#46
t-1,4-Dichloro-2-butene
Concen: 8.067 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.013 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 75 Resp: 35466
Ion Ratio Lower Upper
75 100
53 29.7 64.5 96.7#
89 16.9 43.4 65.2#
88 14.8 31.2 46.8#





#47

Methyl methacrylate

Concen: 3.714 ug/l

RT: 6.955 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 27905

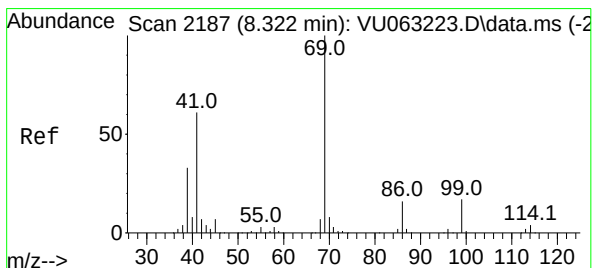
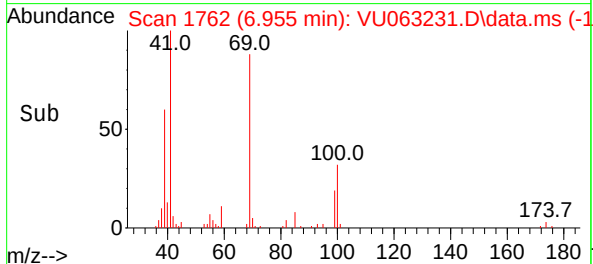
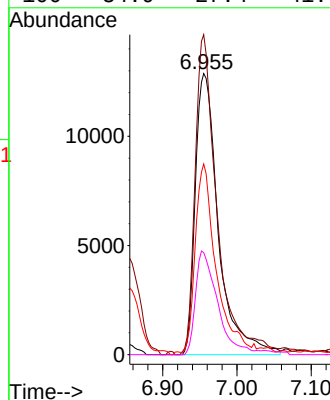
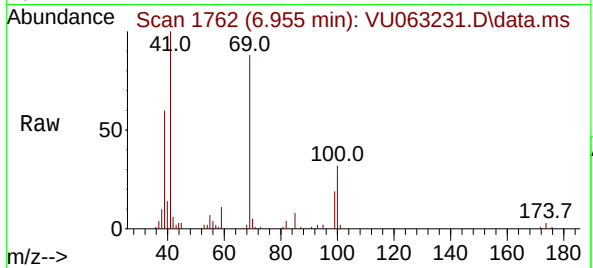
Ion Ratio Lower Upper

69 100

41 108.3 0.0 217.0

39 61.9 47.7 71.5

100 34.9 27.4 41.0



#48

Ethyl methacrylate

Concen: 1.890 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VU063231.D

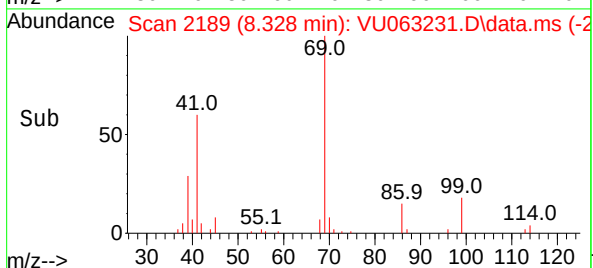
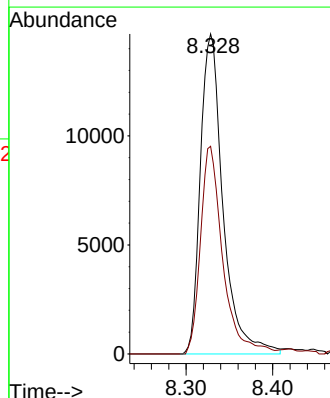
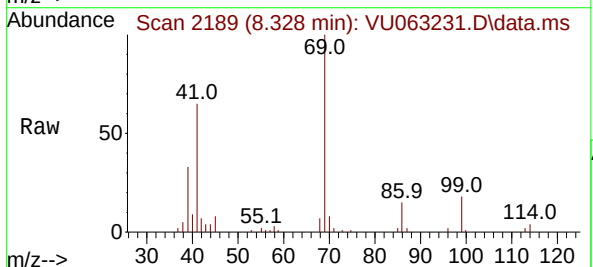
Acq: 11 Feb 2025 12:31

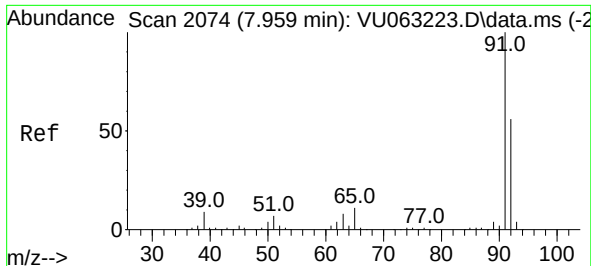
Tgt Ion: 69 Resp: 26666

Ion Ratio Lower Upper

69 100

41 63.7 30.6 92.0





#49

Toluene

Concen: 1.903 ug/l

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

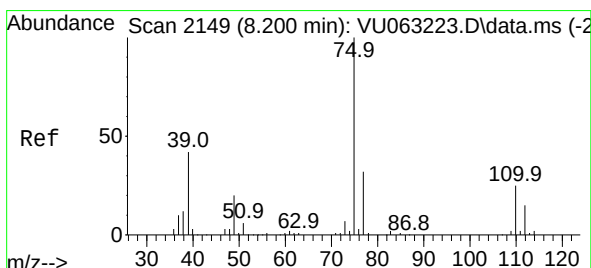
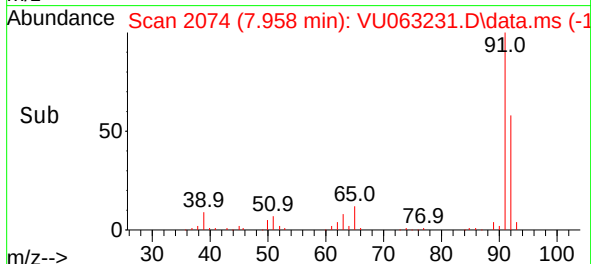
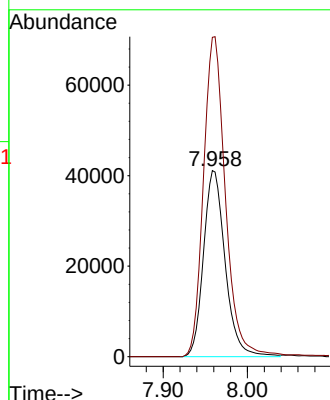
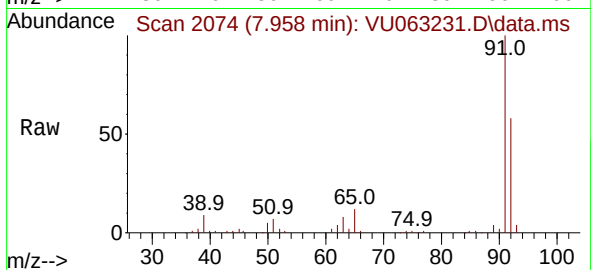
ClientSampleId :

Tgt Ion: 92 Resp: 73665

Ion Ratio Lower Upper

92 100

91 174.3 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 1.888 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063231.D

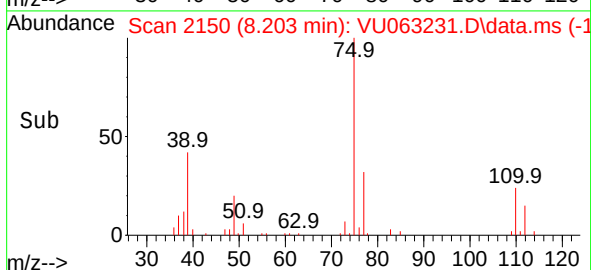
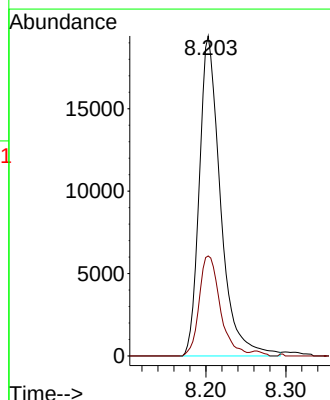
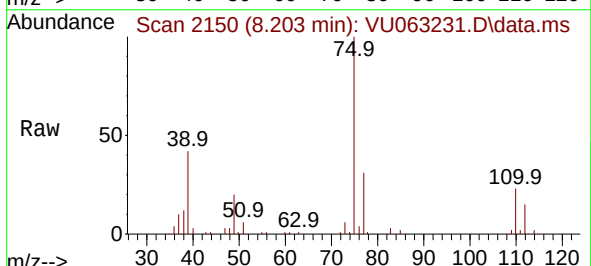
Acq: 11 Feb 2025 12:31

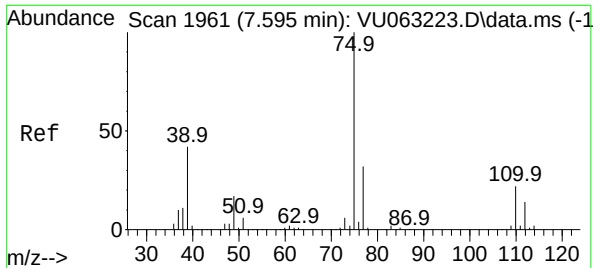
Tgt Ion: 75 Resp: 35883

Ion Ratio Lower Upper

75 100

77 31.2 25.9 38.9





#51

cis-1,3-Dichloropropene

Concen: 1.884 ug/l

RT: 7.598 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

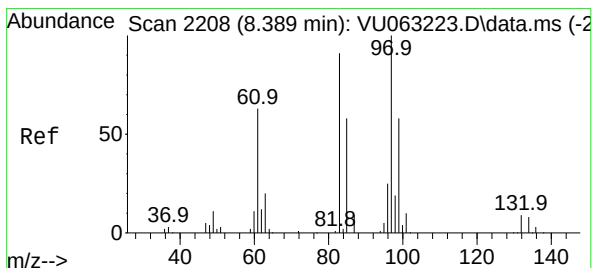
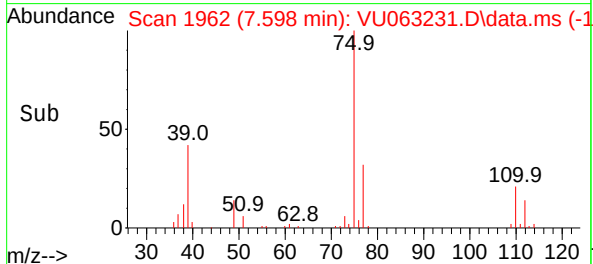
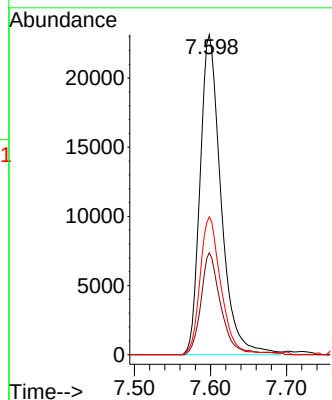
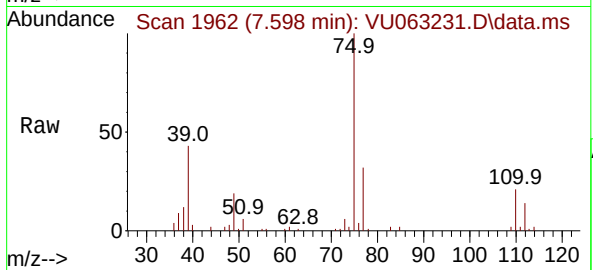
Tgt Ion: 75 Resp: 44229

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 43.1 33.5 50.3



#52

1,1,2-Trichloroethane

Concen: 1.869 ug/l

RT: 8.389 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion: 97 Resp: 22475

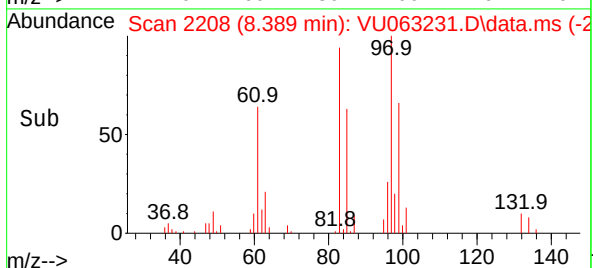
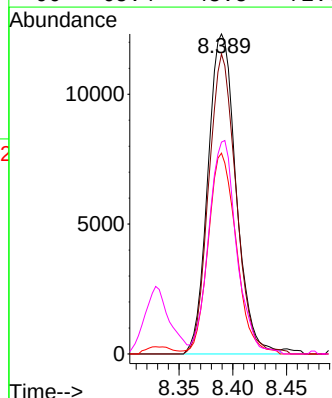
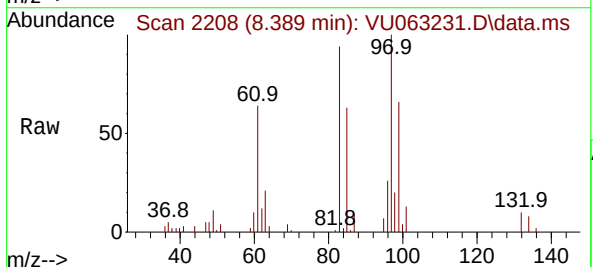
Ion Ratio Lower Upper

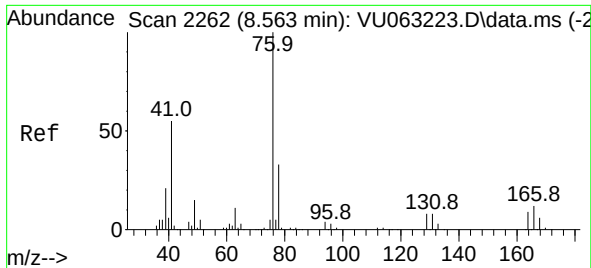
97 100

83 93.8 73.0 109.4

85 62.8 46.3 69.5

99 65.4 48.5 72.7

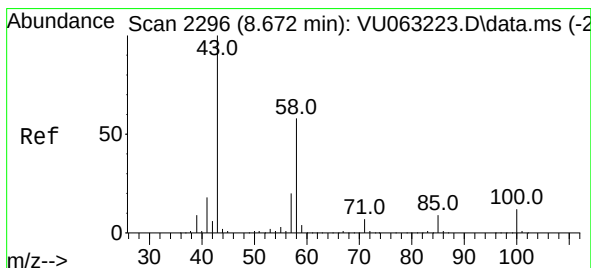
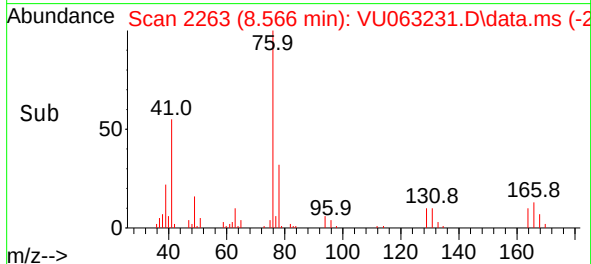
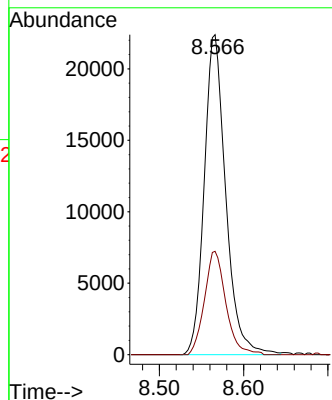
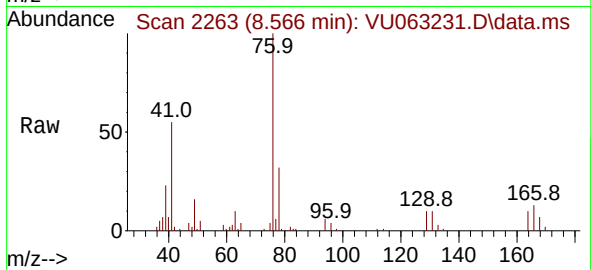




#53
1,3-Dichloropropane
Concen: 1.862 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

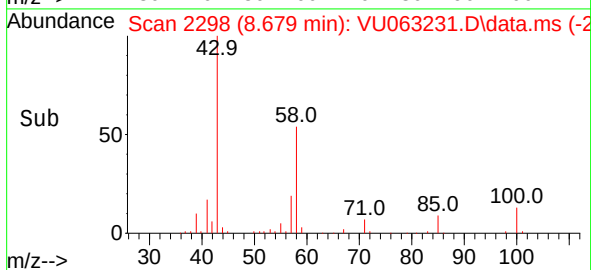
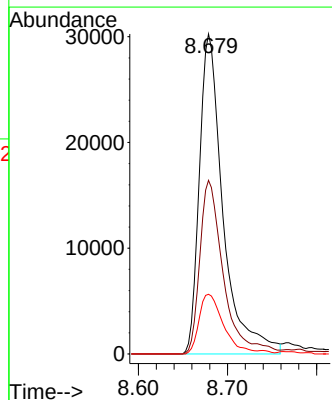
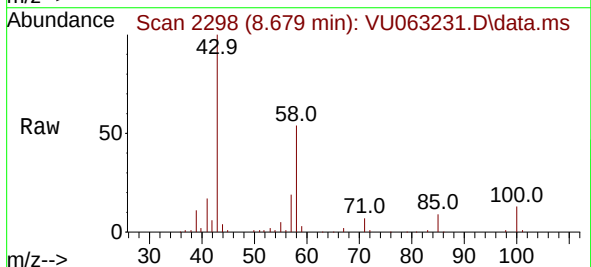
Instrument :
MSVOA_U
ClientSampleId :

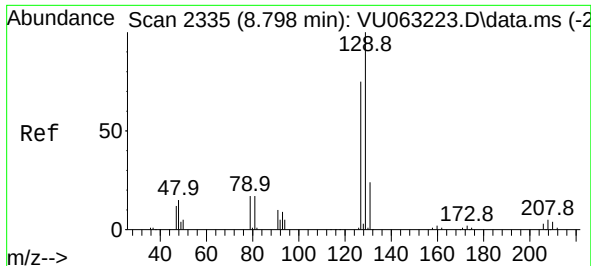
Tgt Ion: 76 Resp: 39762
Ion Ratio Lower Upper
76 100
78 32.1 26.3 39.5



#54
2-Hexanone
Concen: 8.755 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion: 43 Resp: 55875
Ion Ratio Lower Upper
43 100
58 53.9 38.0 78.0
57 19.2 0.0 39.1





#55

Dibromochloromethane

Concen: 1.856 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

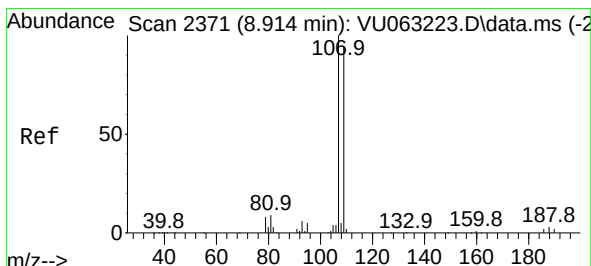
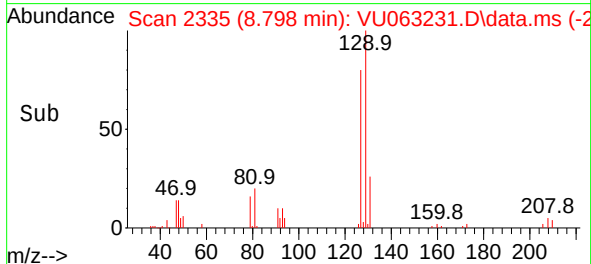
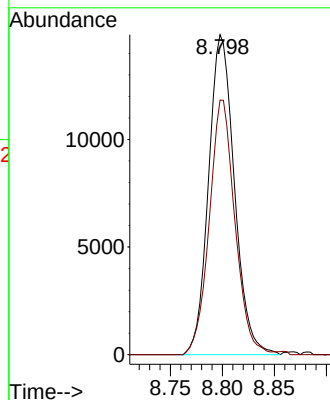
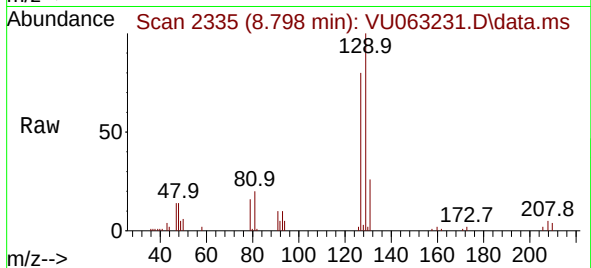
ClientSampleId :

Tgt Ion:129 Resp: 25680

Ion Ratio Lower Upper

129 100

127 79.0 60.4 90.6



#56

1,2-Dibromoethane

Concen: 1.899 ug/l

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU063231.D

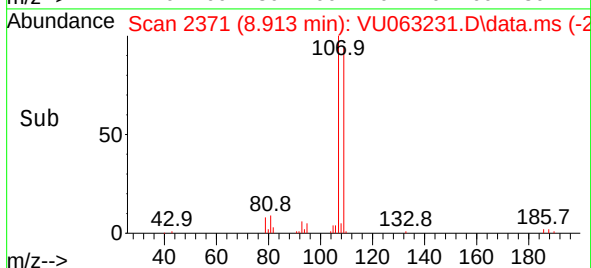
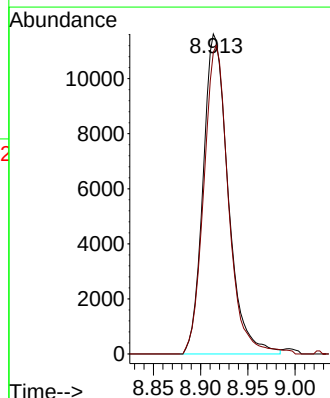
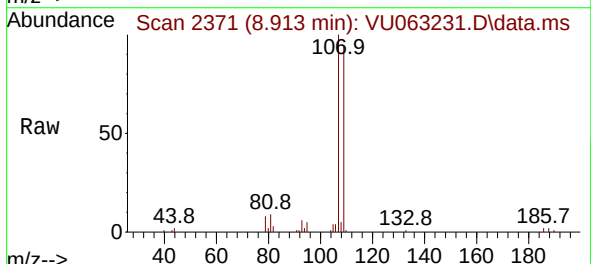
Acq: 11 Feb 2025 12:31

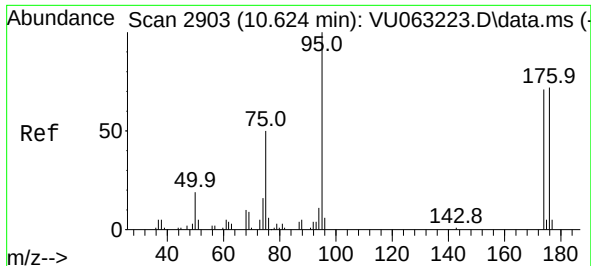
Tgt Ion:107 Resp: 21428

Ion Ratio Lower Upper

107 100

109 95.1 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 1.033 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

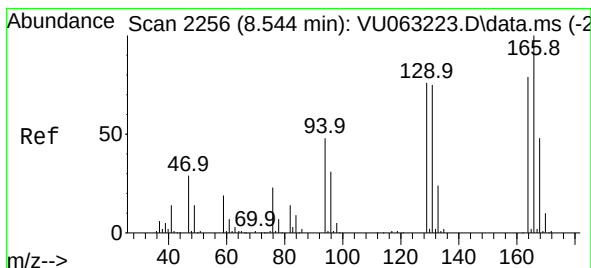
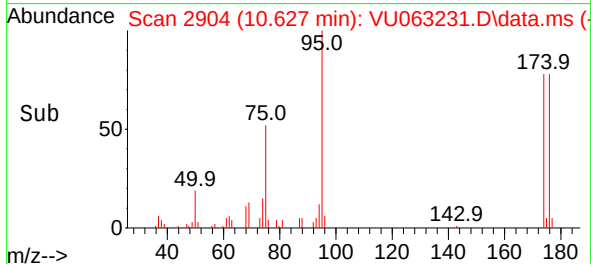
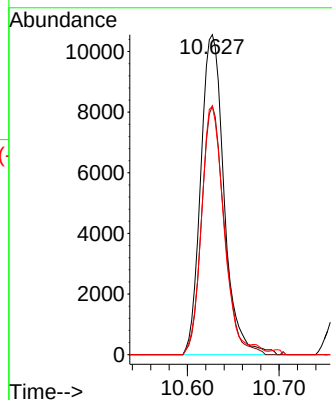
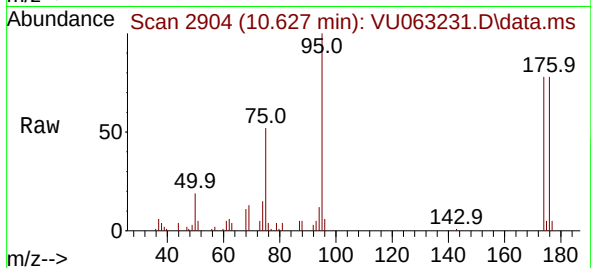
Tgt Ion: 95 Resp: 18663

Ion Ratio Lower Upper

95 100

174 75.4 58.6 88.0

176 75.8 58.2 87.4



#58

Tetrachloroethene

Concen: 2.007 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion:164 Resp: 26480

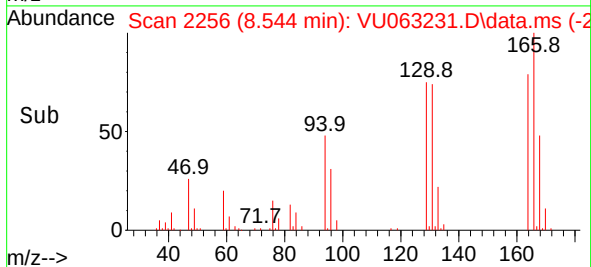
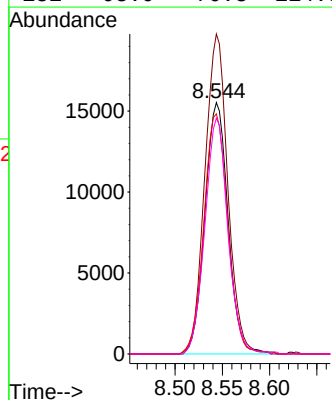
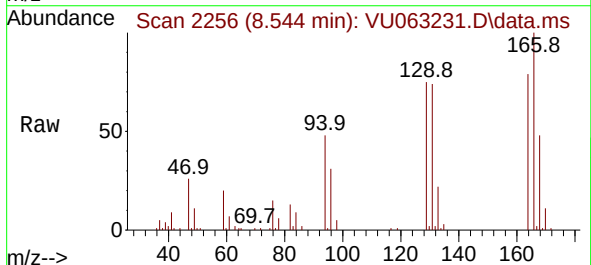
Ion Ratio Lower Upper

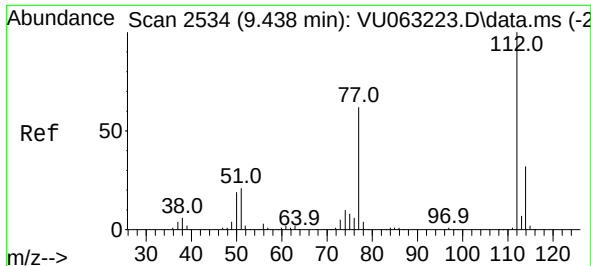
164 100

166 127.3 101.4 152.0

129 95.6 77.0 115.4

131 93.9 76.3 114.5





#59

Chlorobenzene

Concen: 1.929 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

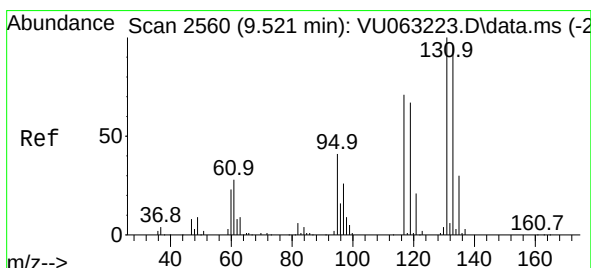
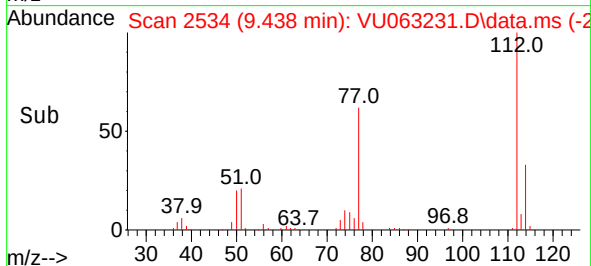
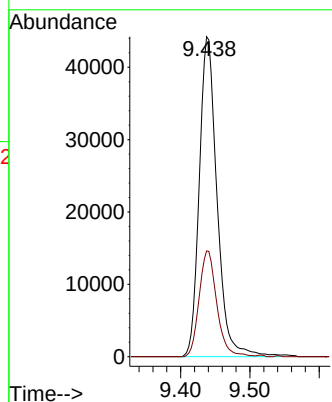
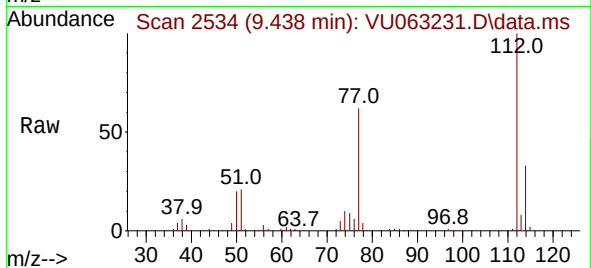
ClientSampleId :

Tgt Ion:112 Resp: 78809

Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 1.867 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

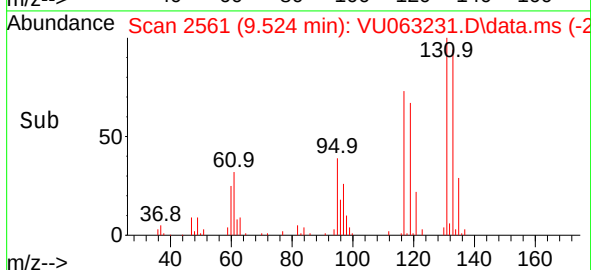
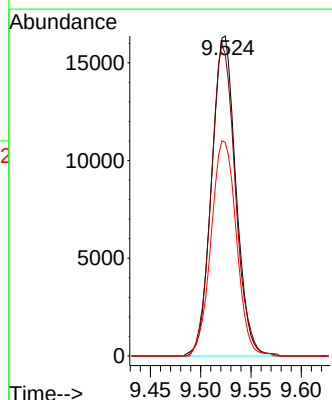
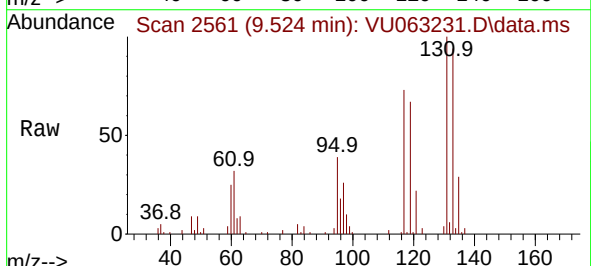
Tgt Ion:131 Resp: 27412

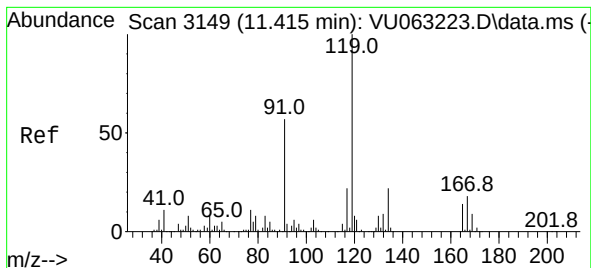
Ion Ratio Lower Upper

131 100

133 97.4 76.7 115.1

119 70.2 54.4 81.6

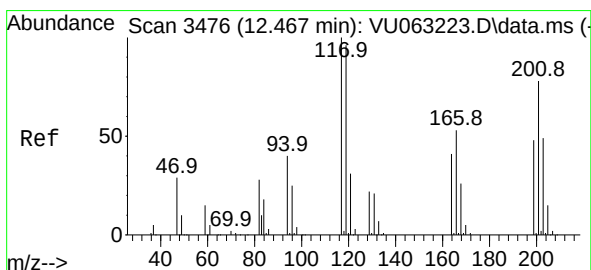
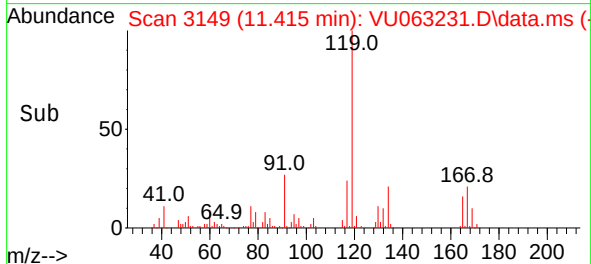
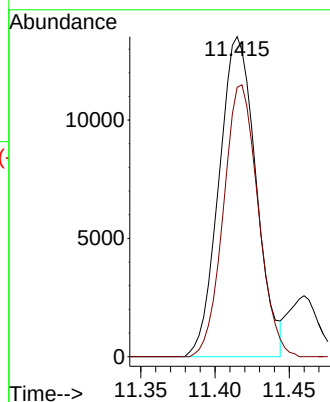
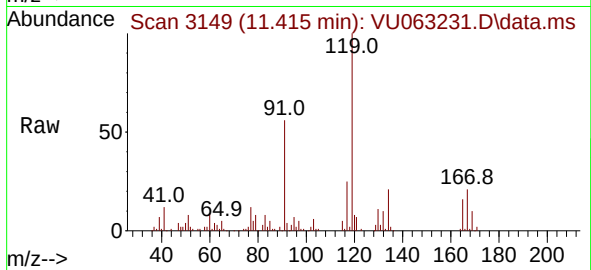




#61
Pentachloroethane
Concen: 1.788 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

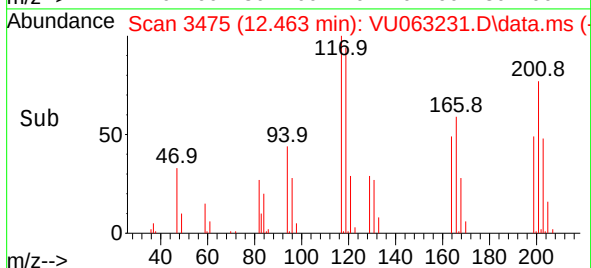
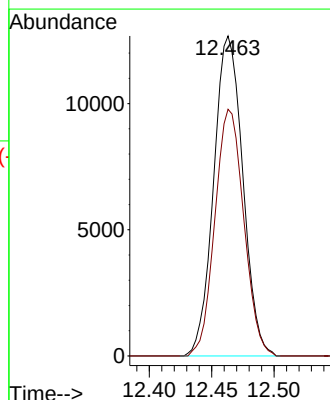
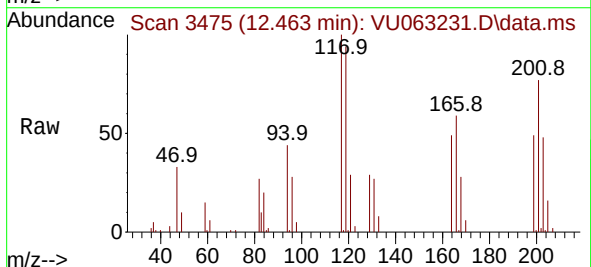
Instrument :
MSVOA_U
ClientSampleId :

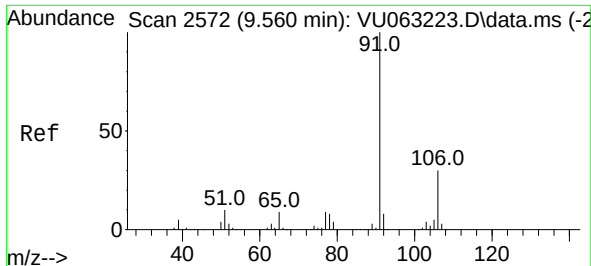
Tgt Ion:117 Resp: 23456
Ion Ratio Lower Upper
117 100
167 79.4 65.0 97.6



#62
Hexachloroethane
Concen: 1.779 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:117 Resp: 20644
Ion Ratio Lower Upper
117 100
201 76.3 61.3 91.9





#63

Ethyl Benzene

Concen: 1.843 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

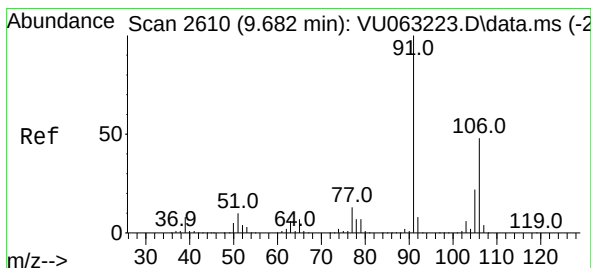
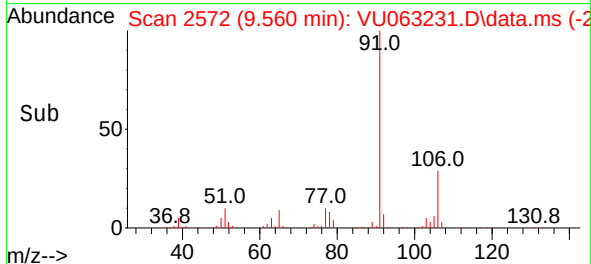
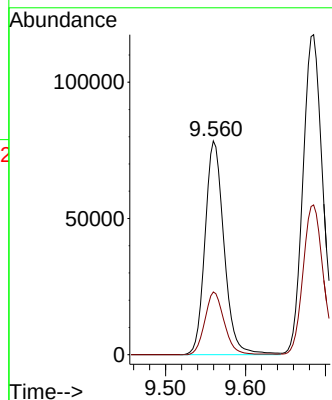
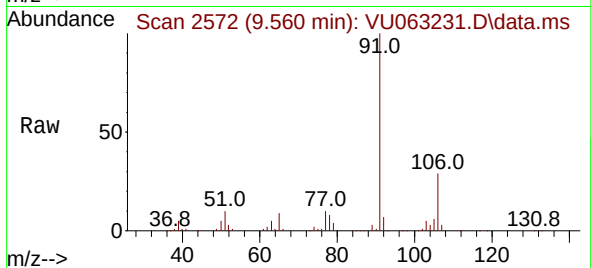
ClientSampleId :

Tgt Ion: 91 Resp: 129864

Ion Ratio Lower Upper

91 100

106 29.4 24.2 36.2



#64

m/p-Xylenes

Concen: 3.689 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063231.D

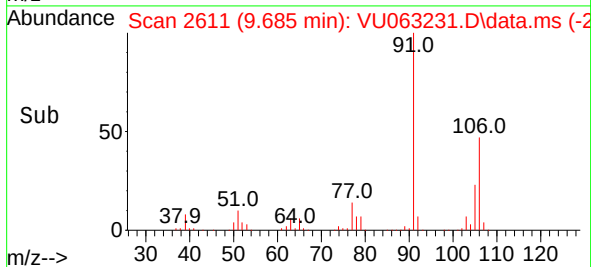
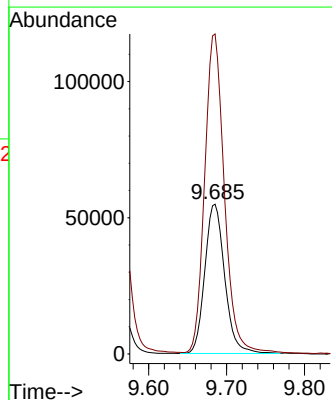
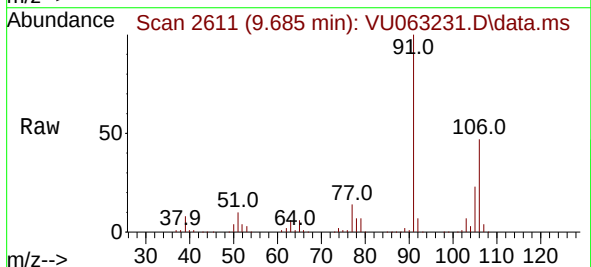
Acq: 11 Feb 2025 12:31

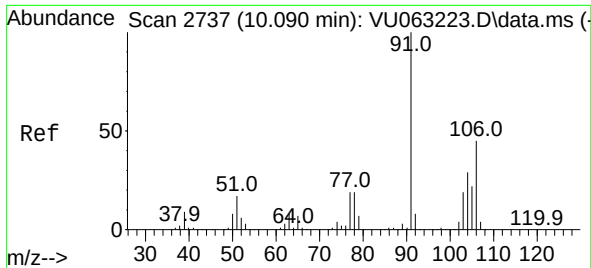
Tgt Ion:106 Resp: 97083

Ion Ratio Lower Upper

106 100

91 213.1 166.9 250.3

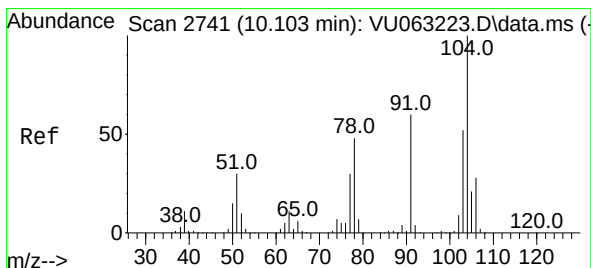
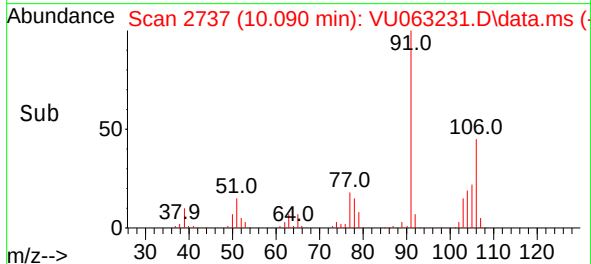
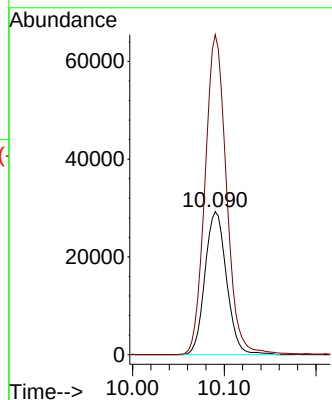
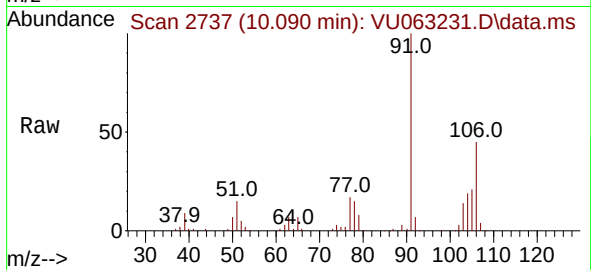




#65
o-Xylene
Concen: 1.859 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

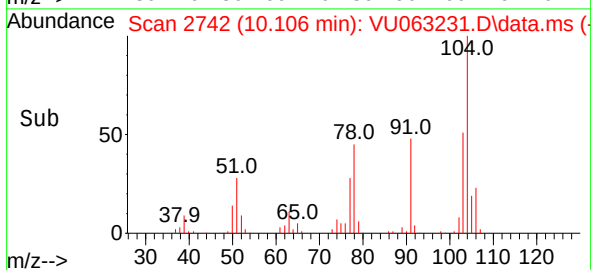
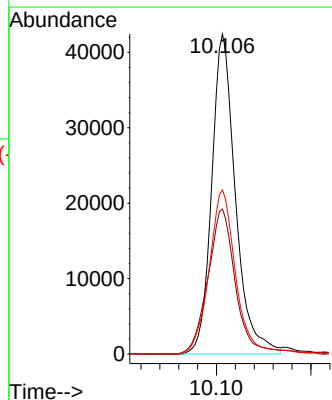
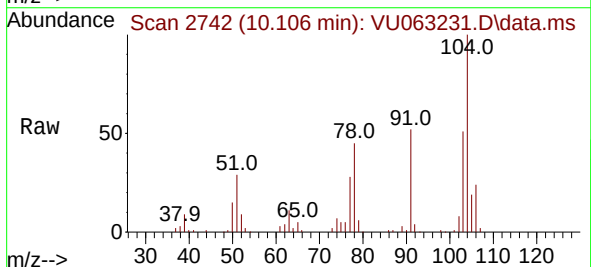
Instrument :
MSVOA_U
ClientSampleId :

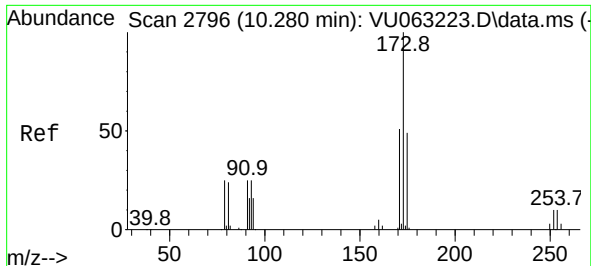
Tgt Ion:106 Resp: 47893
Ion Ratio Lower Upper
106 100
91 223.0 110.9 332.9



#66
Styrene
Concen: 1.809 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:104 Resp: 74164
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 57.3 44.8 67.2

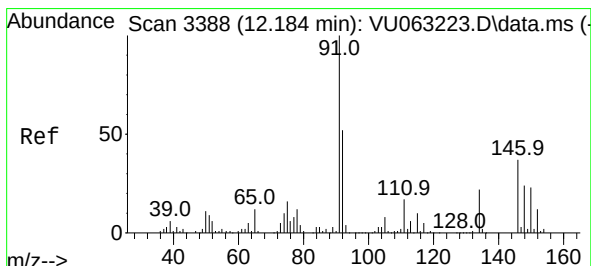
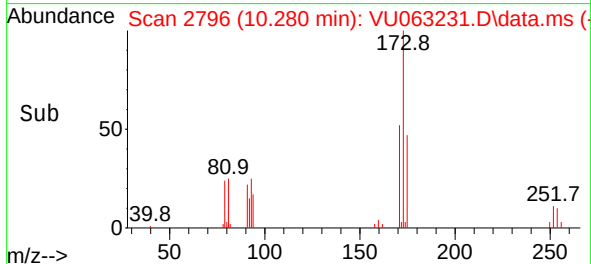
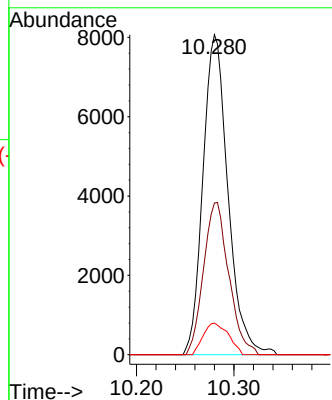
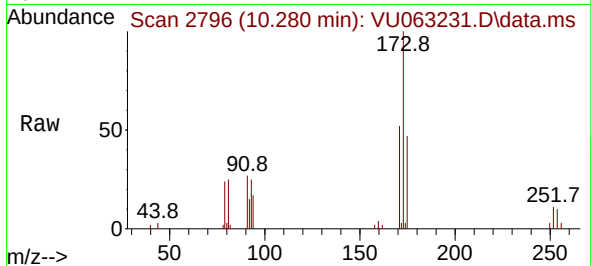




#67
Bromoform
Concen: 1.829 ug/l
RT: 10.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

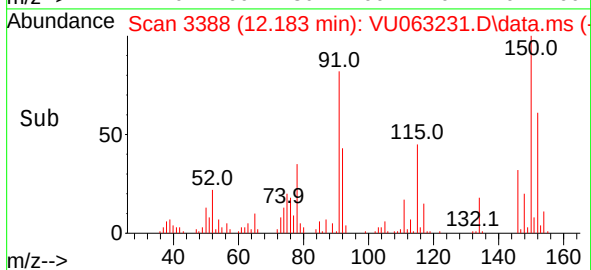
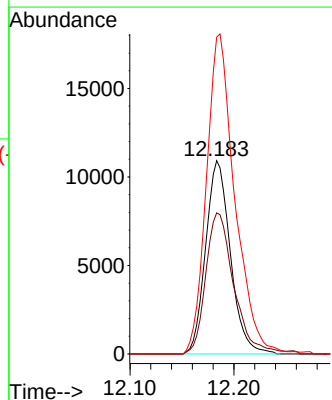
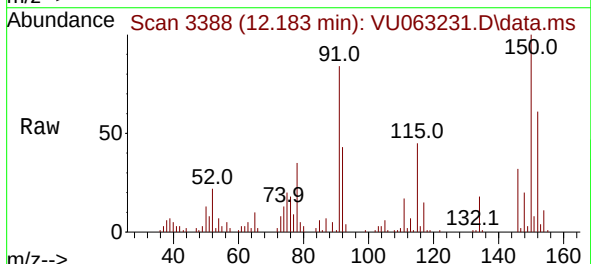
Instrument :
MSVOA_U
ClientSampleId :

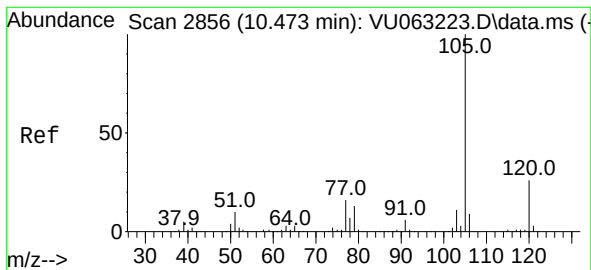
Tgt Ion:173 Resp: 14362
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.4
254 9.9 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 0.961 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:152 Resp: 18049
Ion Ratio Lower Upper
152 100
115 82.5 0.0 275.2
150 190.2 0.0 658.4





#69

Isopropylbenzene

Concen: 1.866 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

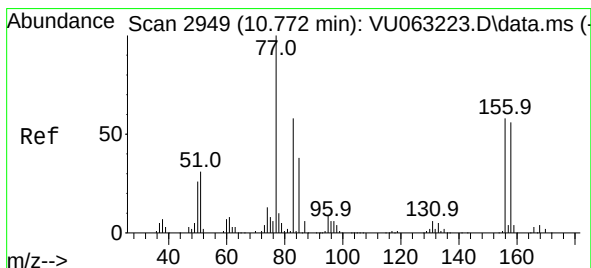
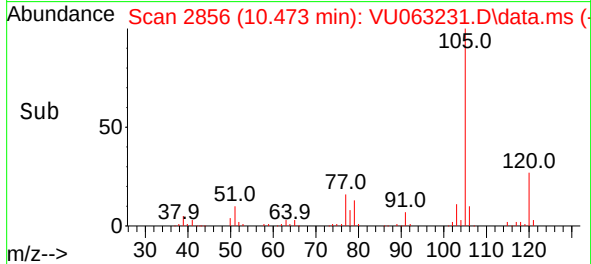
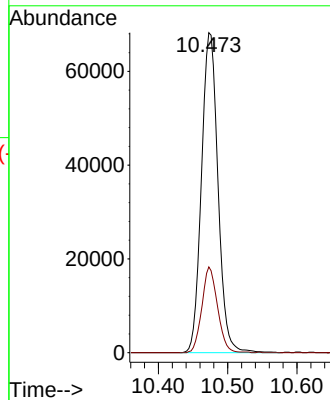
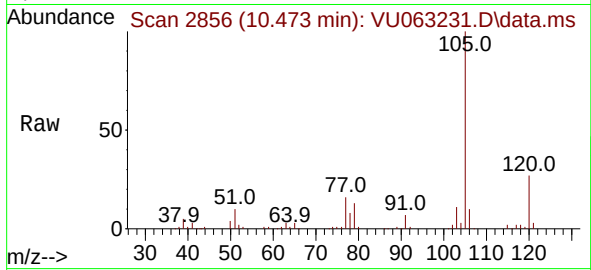
ClientSampleId :

Tgt Ion:105 Resp: 113031

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 1.878 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

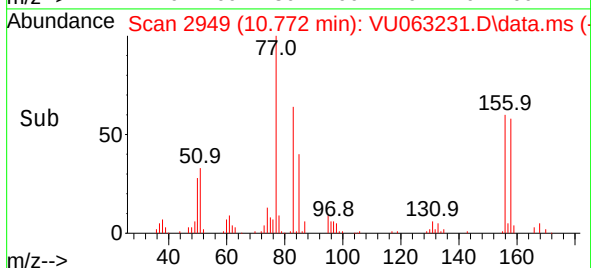
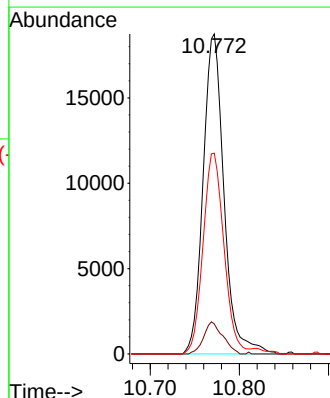
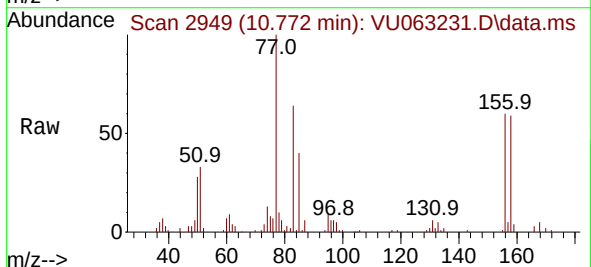
Tgt Ion: 83 Resp: 30438

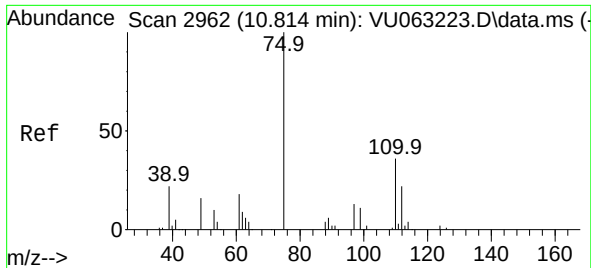
Ion Ratio Lower Upper

83 100

131 9.2 7.4 11.0

85 62.8 51.8 77.8

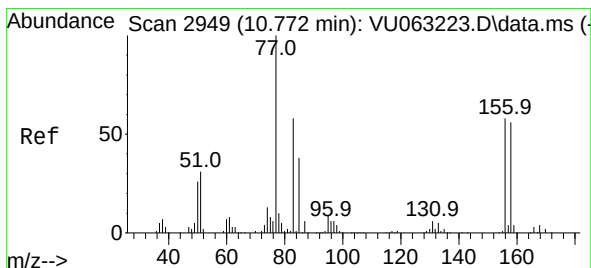
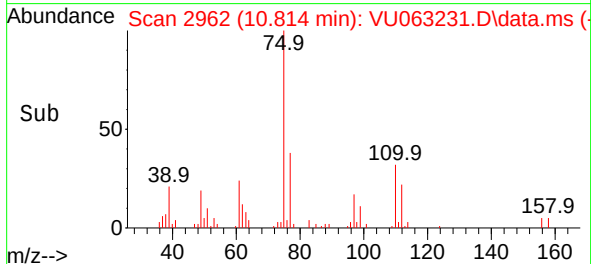
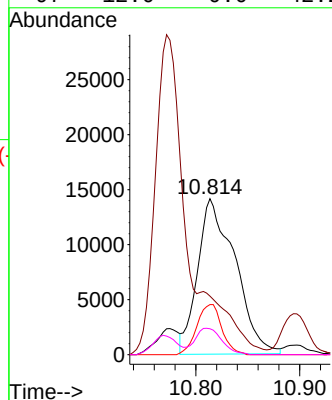
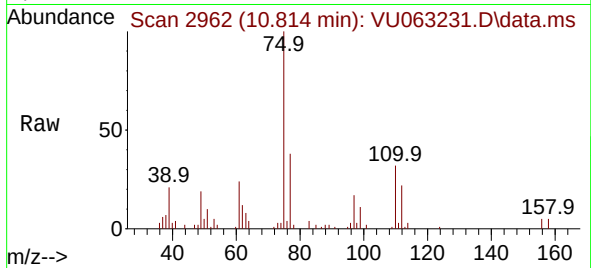




#71
1,2,3-Trichloropropane
Concen: 2.912 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

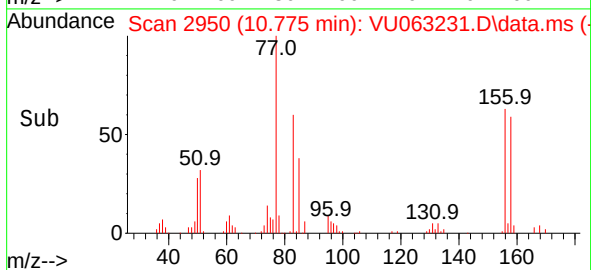
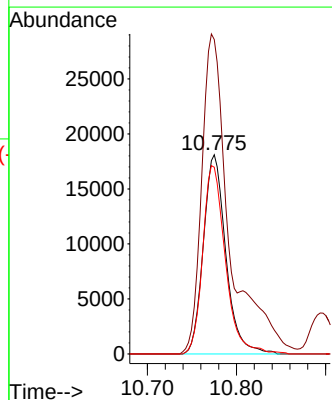
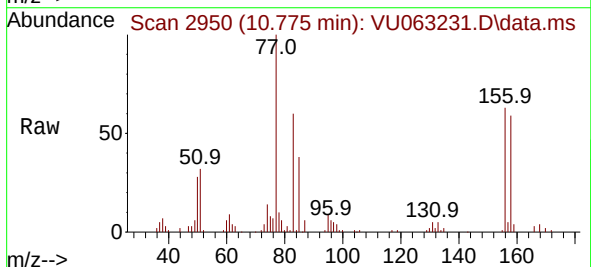
Instrument :
MSVOA_U
ClientSampleId :

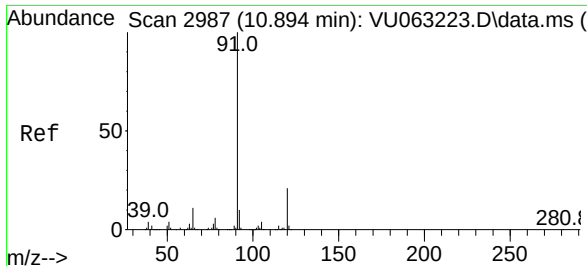
Tgt Ion:	75	Resp:	35466
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	21.5	0.0	77.0
97	12.0	0.0	42.2



#72
Bromobenzene
Concen: 1.947 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:	156	Resp:	31774
Ion Ratio	Lower	Upper	
156	100		
77	199.5	0.0	343.6
158	95.3	0.0	193.0

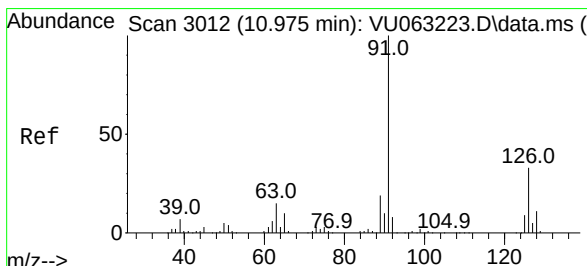
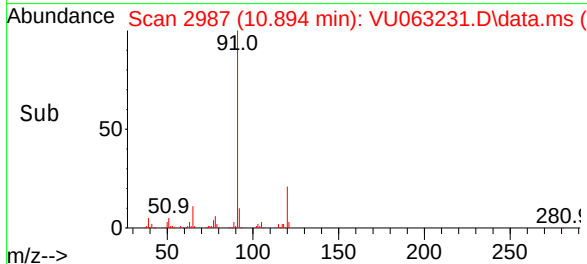
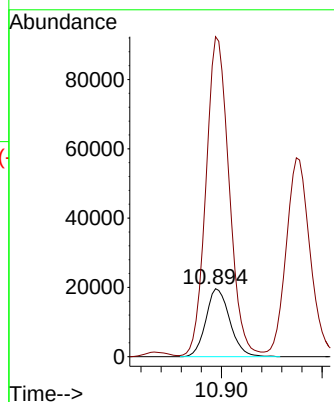
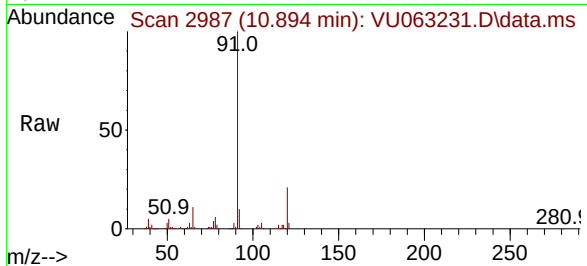




#73
n-propylbenzene
Concen: 1.867 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

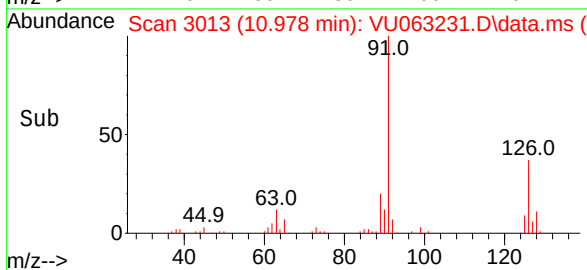
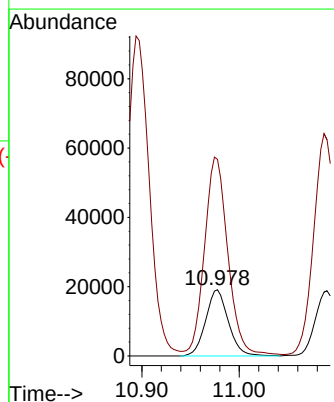
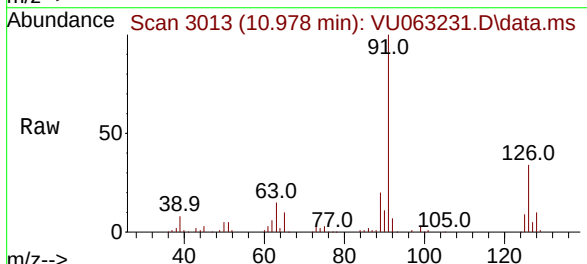
Instrument :
MSVOA_U
ClientSampleId :

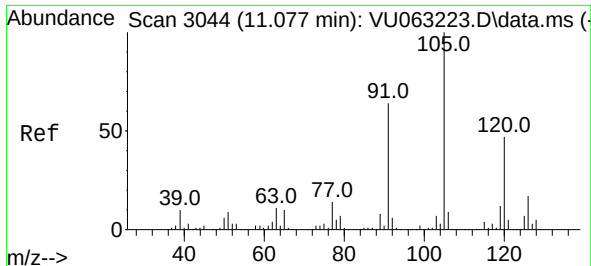
Tgt Ion:120 Resp: 32378
Ion Ratio Lower Upper
120 100
91 453.8 369.8 554.6



#74
2-Chlorotoluene
Concen: 1.935 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

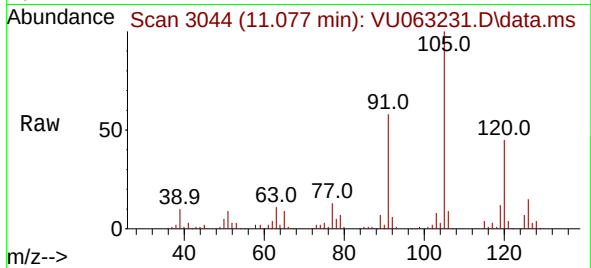
Tgt Ion:126 Resp: 30928
Ion Ratio Lower Upper
126 100
91 305.5 0.0 623.8



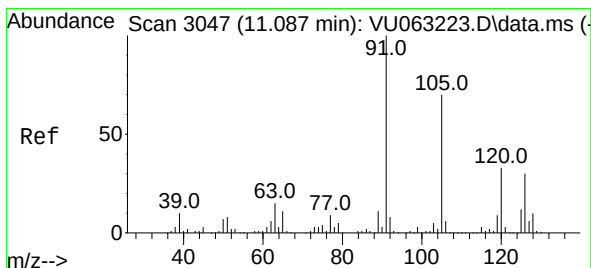
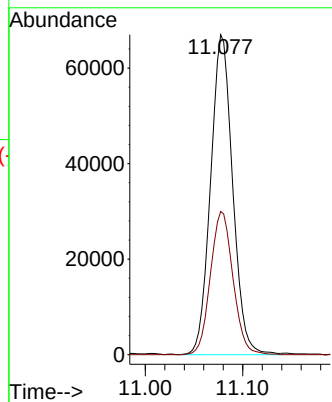
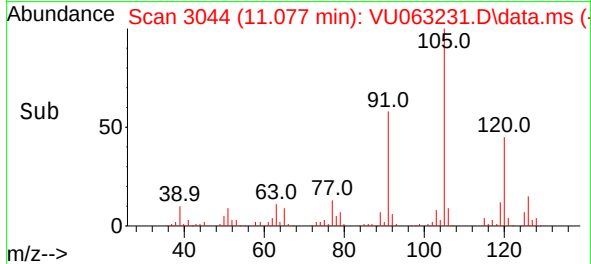


#75
1,3,5-Trimethylbenzene
Concen: 1.875 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

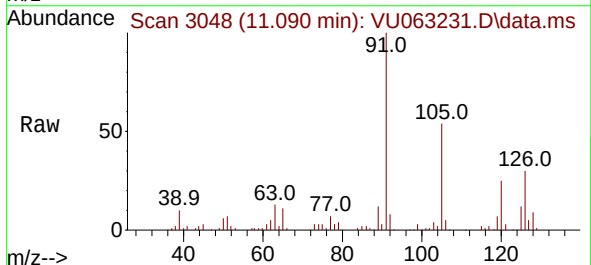
Instrument :
MSVOA_U
ClientSampleId :



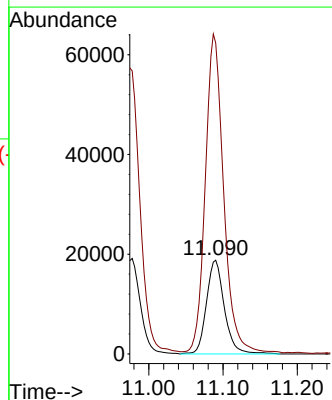
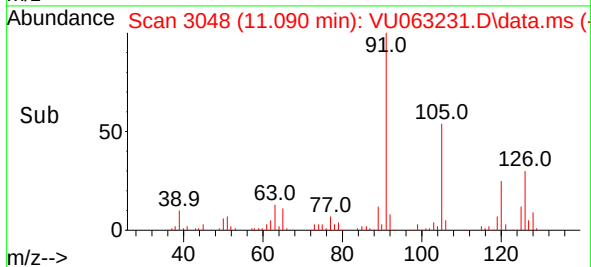
Tgt Ion:105 Resp: 105240
Ion Ratio Lower Upper
105 100
120 45.8 37.3 55.9

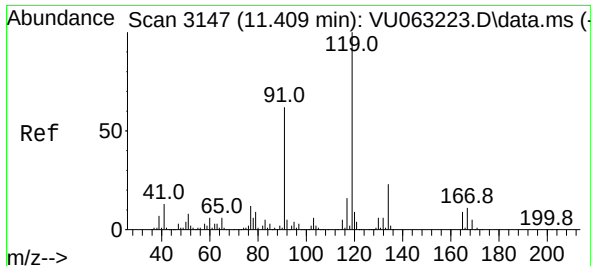


#76
4-Chlorotoluene
Concen: 1.920 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31



Tgt Ion:126 Resp: 31460
Ion Ratio Lower Upper
126 100
91 346.9 0.0 703.6

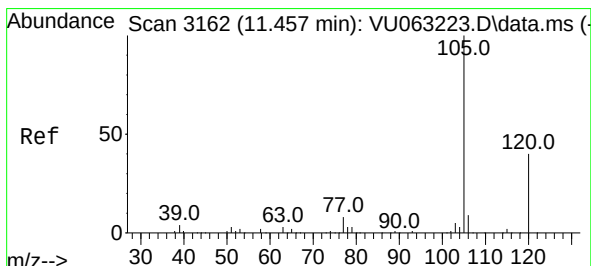
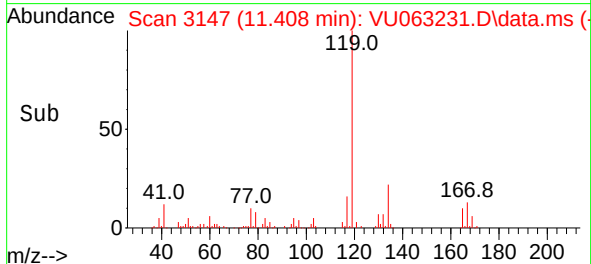
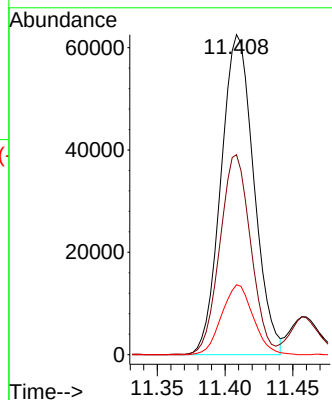
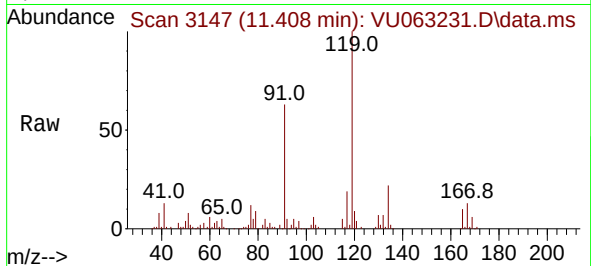




#77
tert-Butylbenzene
Concen: 1.858 ug/l
RT: 11.408 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

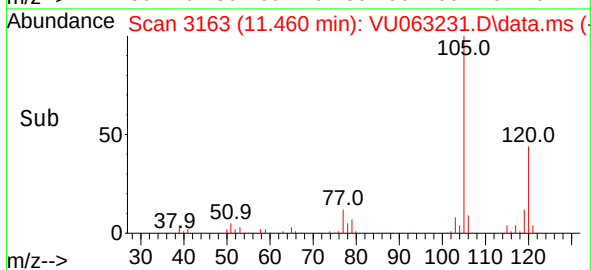
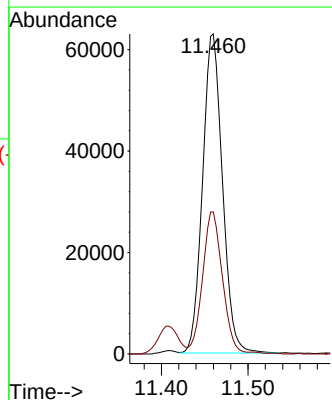
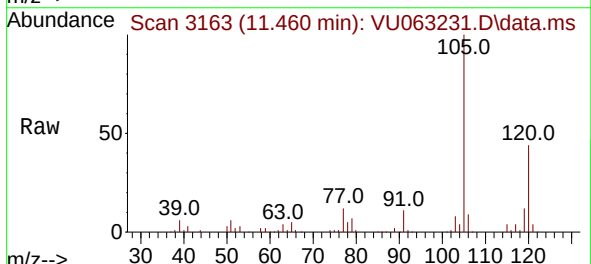
Instrument :
MSVOA_U
ClientSampleId :

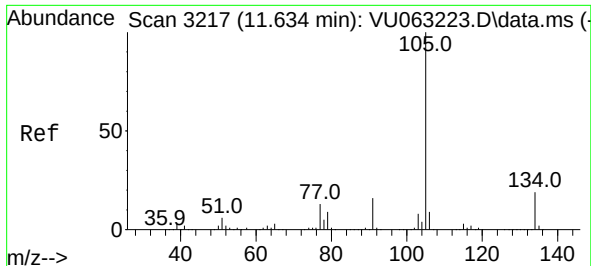
Tgt Ion:119 Resp: 105468
Ion Ratio Lower Upper
119 100
91 58.8 29.4 88.3
134 20.9 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 1.801 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063231.D
Acq: 11 Feb 2025 12:31

Tgt Ion:105 Resp: 100273
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.7





#79

sec-Butylbenzene

Concen: 1.904 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

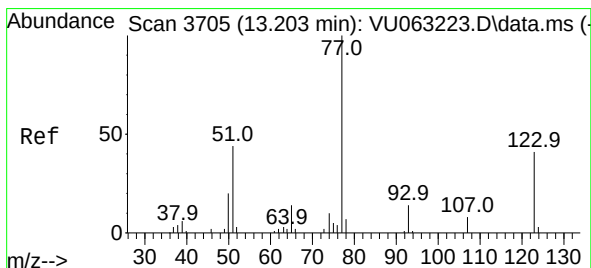
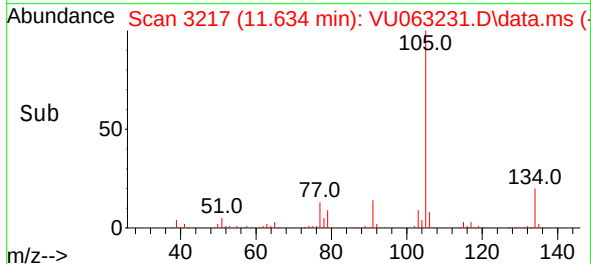
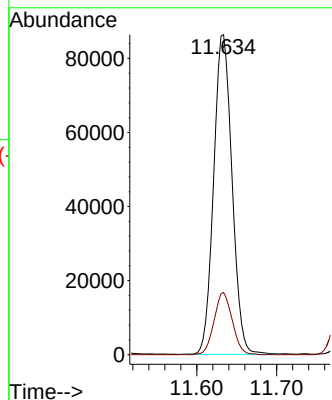
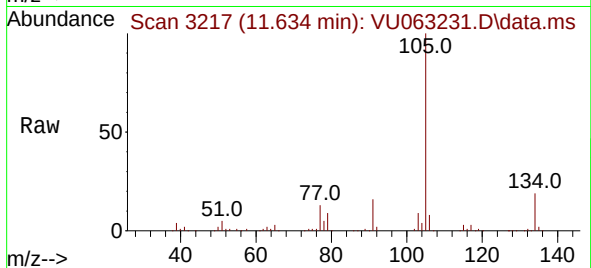
ClientSampleId :

Tgt Ion:105 Resp: 137558

Ion Ratio Lower Upper

105 100

134 19.2 15.1 22.7



#80

Nitrobenzene

Concen: 7.986 ug/l

RT: 13.219 min Scan# 3710

Delta R.T. 0.016 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

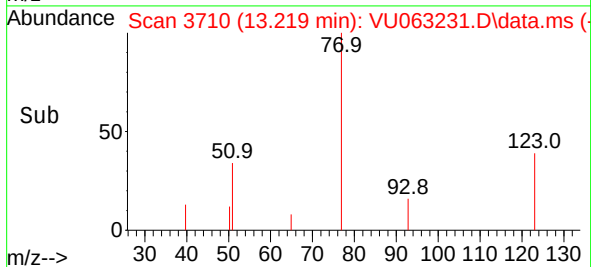
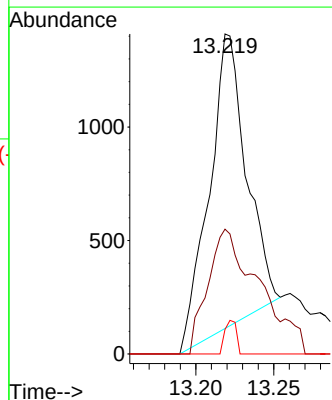
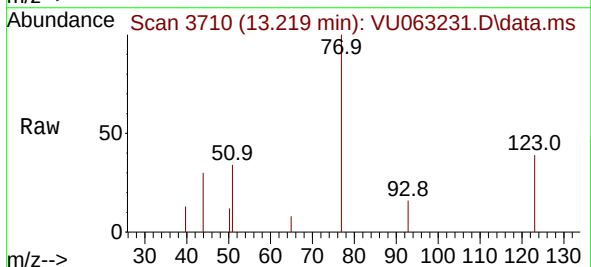
Tgt Ion: 77 Resp: 2157

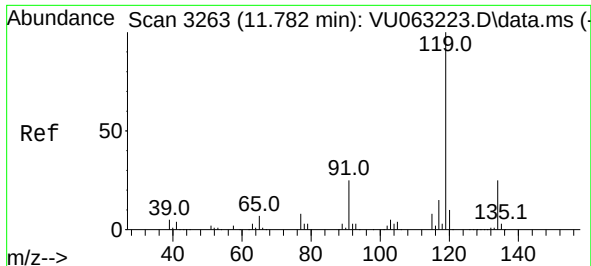
Ion Ratio Lower Upper

77 100

123 58.6 18.9 67.1

65 3.5 11.9 15.1#

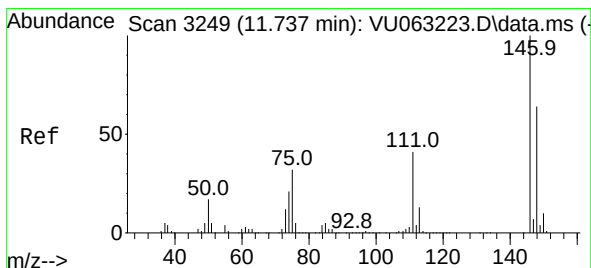
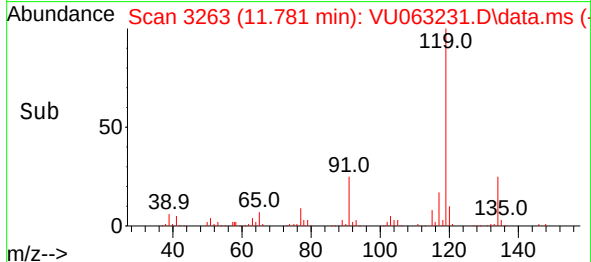
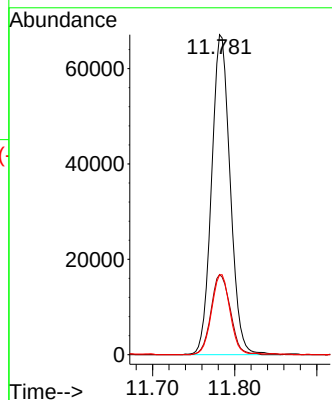
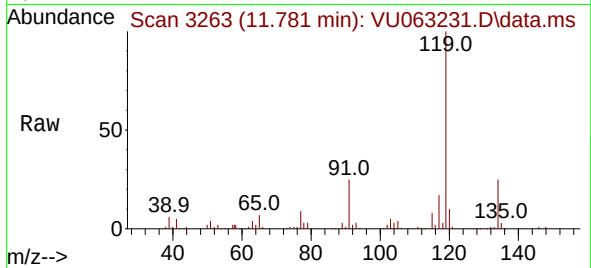




#81
 p-Isopropyltoluene
 Concen: 1.854 ug/l
 RT: 11.781 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

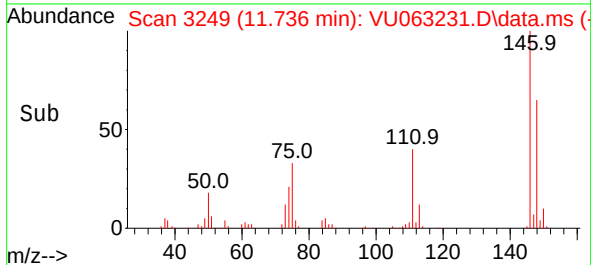
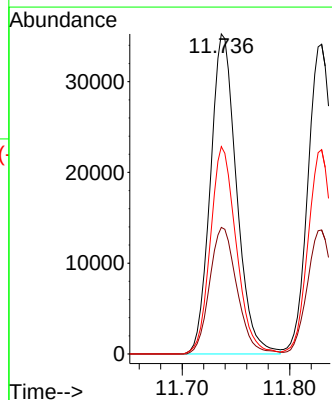
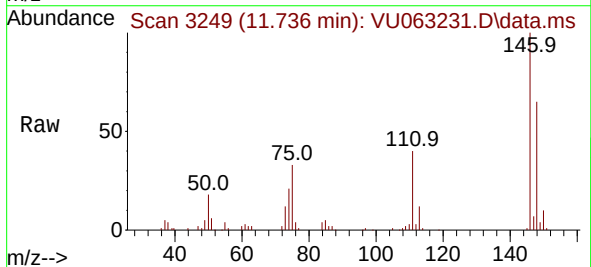
Instrument :
 MSVOA_U
 ClientSampleId :

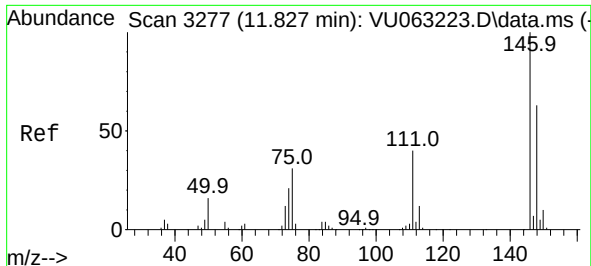
Tgt Ion:119 Resp: 105707
 Ion Ratio Lower Upper
 119 100
 134 26.0 20.3 30.5
 91 24.7 19.4 29.2



#82
 1,3-Dichlorobenzene
 Concen: 1.882 ug/l
 RT: 11.736 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU063231.D
 Acq: 11 Feb 2025 12:31

Tgt Ion:146 Resp: 59568
 Ion Ratio Lower Upper
 146 100
 111 41.4 32.8 49.2
 148 64.2 51.1 76.7





#83

1,4-Dichlorobenzene

Concen: 1.851 ug/l

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

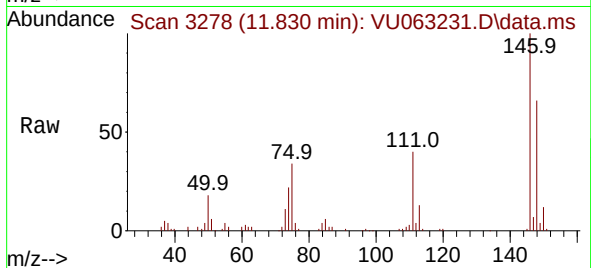
Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :



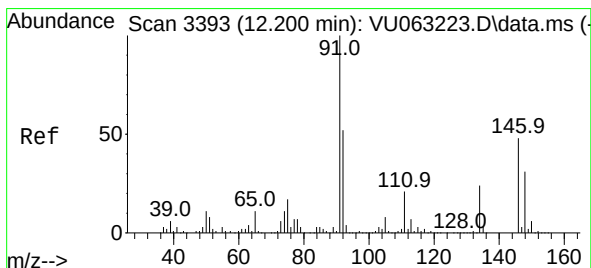
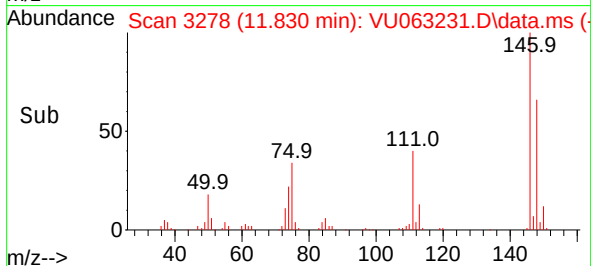
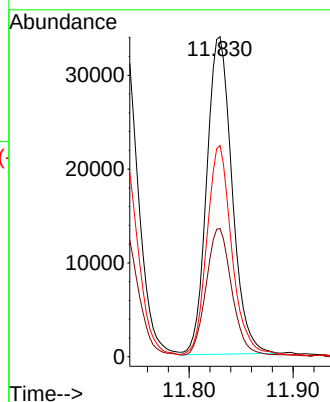
Tgt Ion:146 Resp: 57308

Ion Ratio Lower Upper

146 100

111 41.1 32.1 48.1

148 67.1 50.2 75.4



#84

n-Butylbenzene

Concen: 1.854 ug/l

RT: 12.199 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

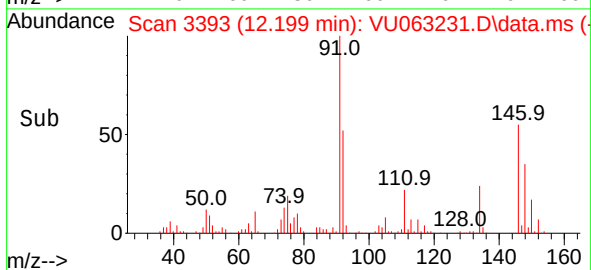
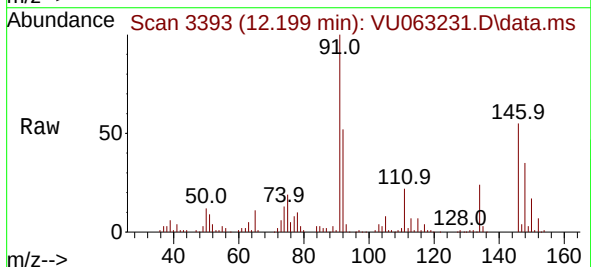
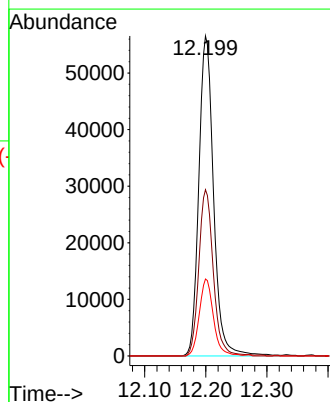
Tgt Ion: 91 Resp: 94788

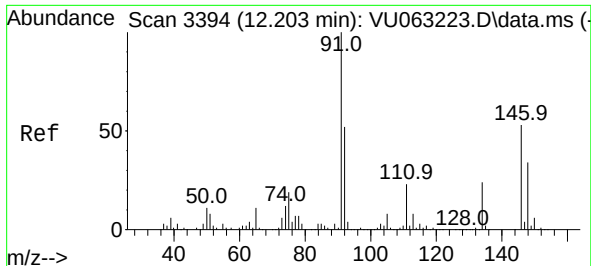
Ion Ratio Lower Upper

91 100

92 51.0 41.8 62.8

134 23.1 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 1.891 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

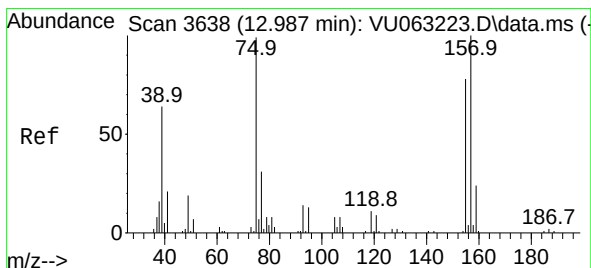
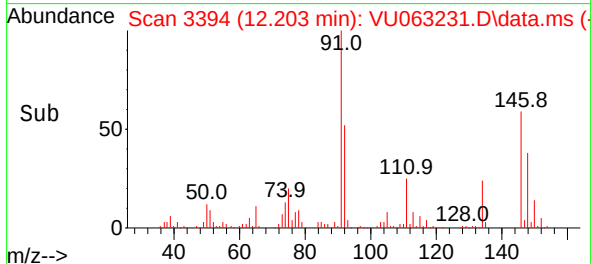
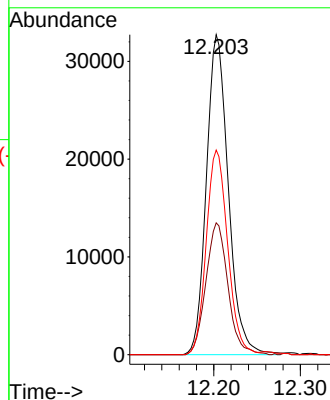
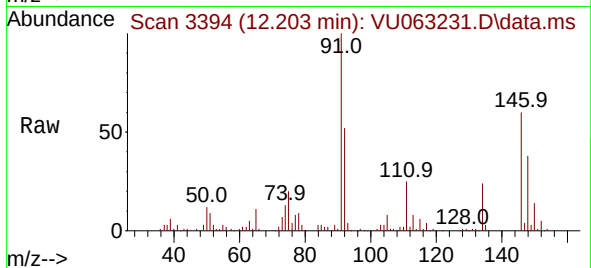
Tgt Ion:146 Resp: 57519

Ion Ratio Lower Upper

146 100

111 41.5 21.9 65.7

148 62.5 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.822 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

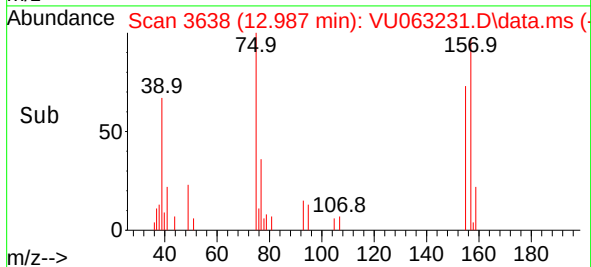
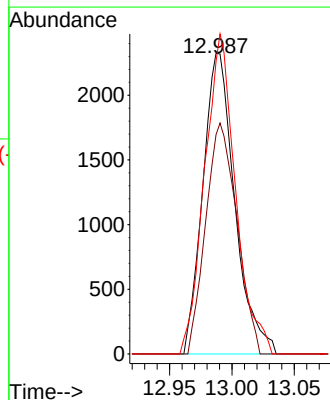
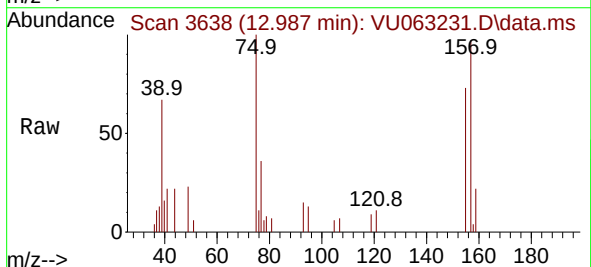
Tgt Ion: 75 Resp: 4147

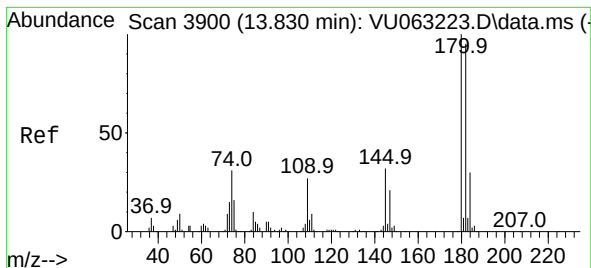
Ion Ratio Lower Upper

75 100

155 75.1 63.5 95.3

157 103.0 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 2.027 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

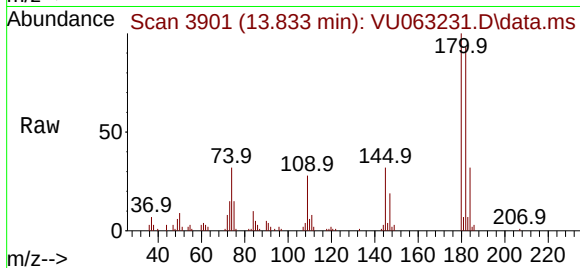
Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

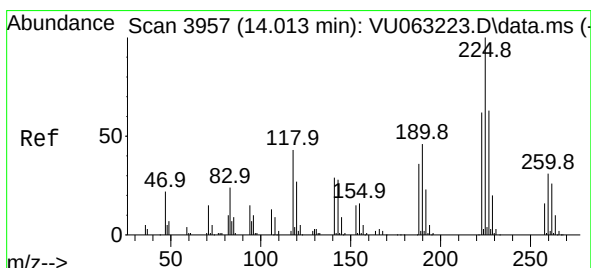
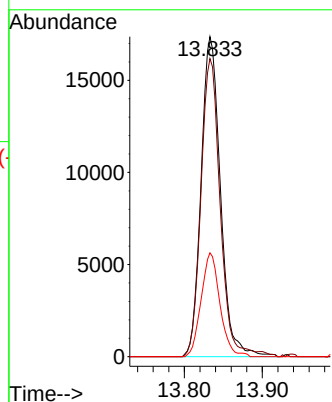
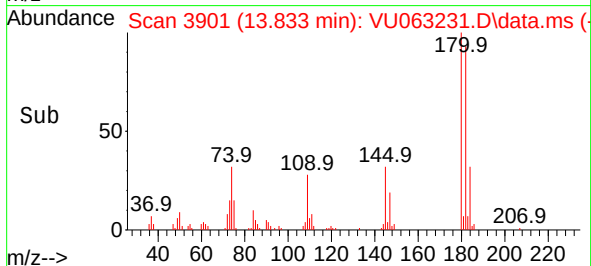
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	180	Resp:	30065
Ion Ratio	Lower	Upper	
180	100		
182	91.7	76.6	115.0
145	31.5	25.4	38.2



#88

Hexachlorobutadiene

Concen: 1.948 ug/l

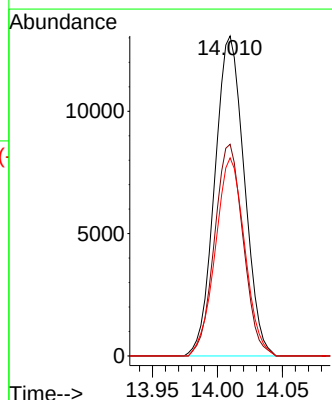
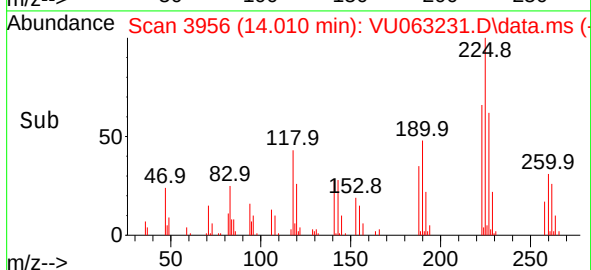
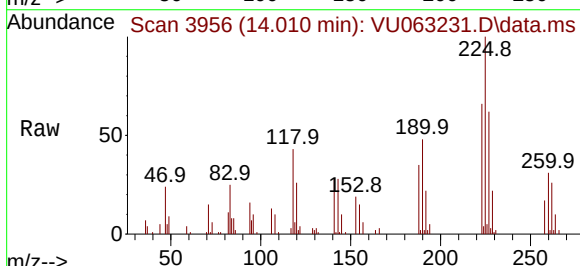
RT: 14.010 min Scan# 3956

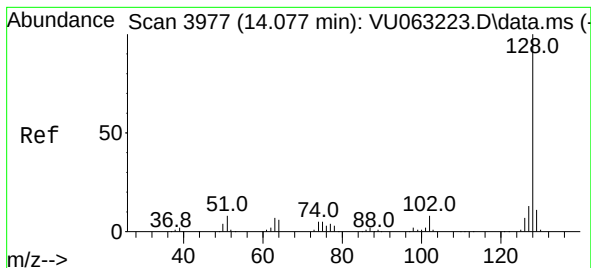
Delta R.T. -0.003 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion:	225	Resp:	20647
Ion Ratio	Lower	Upper	
225	100		
223	64.0	49.5	74.3
227	61.5	51.0	76.4





#89

Naphthalene

Concen: 2.069 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Instrument :

MSVOA_U

ClientSampleId :

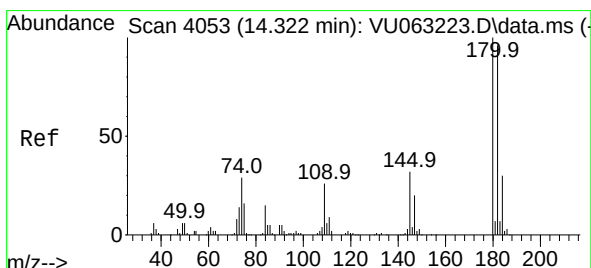
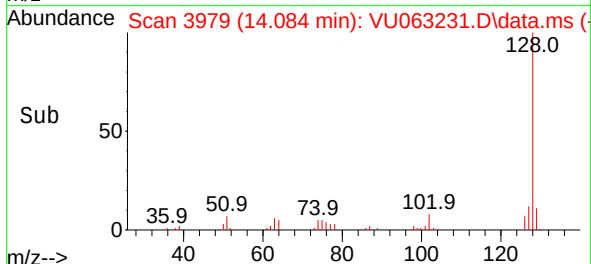
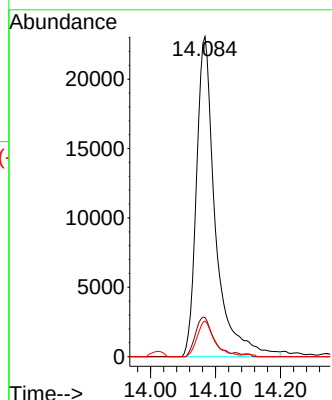
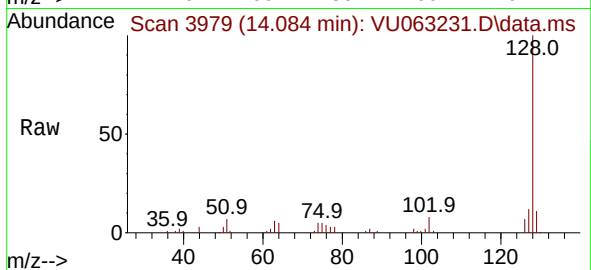
Tgt Ion:128 Resp: 46812

Ion Ratio Lower Upper

128 100

127 11.7 10.6 16.0

129 10.2 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 1.952 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063231.D

Acq: 11 Feb 2025 12:31

Tgt Ion:180 Resp: 28334

Ion Ratio Lower Upper

180 100

182 96.0 78.2 117.2

145 31.6 26.1 39.1

