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 Data File : VU063230.D
 Acq On : 11 Feb 2025 12:07
 Operator : MD/SY
 Sample : VU0211WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 03:16:55 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	6.106	96	55425	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17934	0.981	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	17795	0.936	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	34881	1.937	ug/l	100
3) Chloromethane	1.515	50	39366	1.898	ug/l	98
4) Vinyl Chloride	1.599	62	40631	1.980	ug/l	100
5) Bromomethane	1.849	94	22200	2.214	ug/l	98
6) Chloroethane	1.923	64	25320	1.959	ug/l	98
7) Trichlorofluoromethane	2.129	101	50024	2.057	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	27957	2.026	ug/l	100
9) 1,1-Dichloroethene	2.570	96	28143	2.001	ug/l	98
10) Iodomethane	2.711	142	42948	1.943	ug/l	96
11) Allyl Chloride	2.914	41	38956	1.928	ug/l	99
12) Acrylonitrile	3.325	53	11706	3.609	ug/l	97
13) Acetone	2.631	43	22228	8.913	ug/l	95
14) Carbon Disulfide	2.782	76	97781	1.989	ug/l	99
15) Methylene Chloride	3.033	84	32623	1.878	ug/l	99
16) trans-1,2-Dichloroethene	3.345	96	31649	1.972	ug/l	95
17) 1,1-Dichloroethane	3.856	63	58713	1.941	ug/l	100
18) 2-Butanone	4.714	43	35261	8.884	ug/l	94
19) Cyclohexane	5.373	56	42953	1.767	ug/l	89
20) Methylcyclohexane	6.753	83	49192	2.041	ug/l	98
21) 2,2-Dichloropropane	4.650	77	46690	1.978	ug/l	99
22) cis-1,2-Dichloroethene	4.656	96	33572	1.936	ug/l	99
23) Diethyl Ether	2.367	59	22508	1.865	ug/l	92
24) tert-Butyl Alcohol	3.200	59	9326	1.124	ug/l	# 93
25) Methyl tert-Butyl Ether	3.351	73	66762	1.901	ug/l	97
26) Bromochloromethane	4.962	128	14812	1.954	ug/l	97
27) Chloroform	5.078	83	60066	1.968	ug/l	95
28) 1,1,1-Trichloroethane	5.306	97	48266	1.952	ug/l	99
29) 1,1-Dichloropropene	5.518	75	44151	1.993	ug/l	99
30) Carbon Tetrachloride	5.515	117	43154	2.035	ug/l	97
31) Isopropyl Ether	3.978	45	82853	1.918	ug/l	99
32) Ethyl-t-butyl ether	4.486	59	75741	1.929	ug/l	100
33) Tert-Amyl methyl ether	5.930	73	65301	1.903	ug/l	98
34) Propionitrile	4.785	54	10600	8.855	ug/l	# 87
35) Benzene	5.762	78	132307	1.943	ug/l	96
36) 1,2-Dichloroethane	5.785	62	38000	1.933	ug/l	99
37) Trichloroethene	6.534	130	33039	2.040	ug/l	98
38) 1,2-Dichloropropane	6.782	63	34557	1.939	ug/l	97
39) Methacrylonitrile	4.975	41	8038	1.802	ug/l	# 86
40) Methyl acrylate	4.865	55	9902	1.204	ug/l	98
41) Tetrahydrofuran	5.058	42	8769	3.380	ug/l	95
42) 1-Chlorobutane	5.447	56	58303	1.924	ug/l	95
43) Dibromomethane	6.914	93	17206	1.906	ug/l	99
44) Bromodichloromethane	7.097	83	41643	1.982	ug/l	98

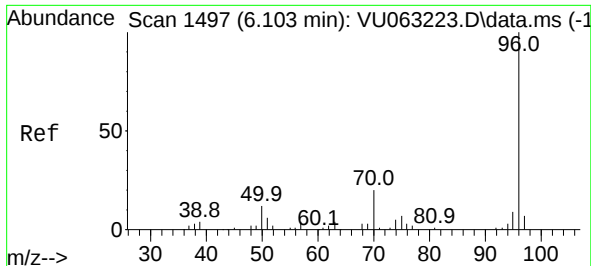
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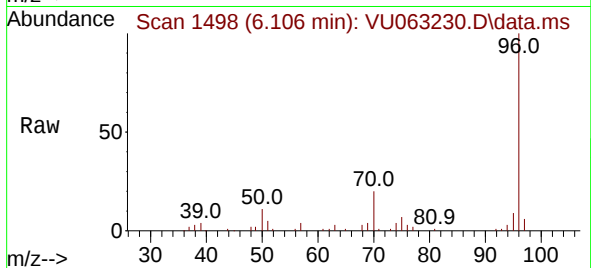
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	89316	9.439	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	34070	7.659	ug/l #	51
47) Methyl methacrylate	6.955	69	27667	3.639	ug/l	94
48) Ethyl methacrylate	8.328	69	26252	1.839	ug/l	99
49) Toluene	7.962	92	78140	1.995	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	37997	1.976	ug/l	97
51) cis-1,3-Dichloropropene	7.598	75	46394	1.953	ug/l	98
52) 1,1,2-Trichloroethane	8.389	97	23627	1.941	ug/l	97
53) 1,3-Dichloropropane	8.566	76	41879	1.938	ug/l	99
54) 2-Hexanone	8.682	43	58847	9.113	ug/l	98
55) Dibromochloromethane	8.801	129	27354	1.954	ug/l	99
56) 1,2-Dibromoethane	8.917	107	22029	1.930	ug/l	99
58) Tetrachloroethene	8.544	164	27268	2.043	ug/l	97
59) Chlorobenzene	9.438	112	81191	1.965	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	28863	1.943	ug/l	99
61) Pentachloroethane	11.418	117	24877	1.875	ug/l	96
62) Hexachloroethane	12.466	117	21187	1.805	ug/l	99
63) Ethyl Benzene	9.563	91	137062	1.923	ug/l	100
64) m/p-Xylenes	9.685	106	104430	3.922	ug/l	97
65) o-Xylene	10.090	106	49629	1.904	ug/l	97
66) Styrene	10.110	104	77051	1.858	ug/l	98
67) Bromoform	10.283	173	14840	1.868	ug/l	99
69) Isopropylbenzene	10.476	105	119341	1.948	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	30580	1.864	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	34070	2.765	ug/l #	77
72) Bromobenzene	10.775	156	32516	1.969	ug/l	98
73) n-propylbenzene	10.897	120	34231	1.951	ug/l	97
74) 2-Chlorotoluene	10.978	126	32733	2.025	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	111469	1.963	ug/l	100
76) 4-Chlorotoluene	11.090	126	32504	1.960	ug/l	99
77) tert-Butylbenzene	11.412	119	111932	1.949	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	105544	1.873	ug/l	100
79) sec-Butylbenzene	11.634	105	143488	1.963	ug/l	99
80) Nitrobenzene	13.225	77	1902	7.454	ug/l #	96
81) p-Isopropyltoluene	11.785	119	110271	1.911	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	61914	1.933	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	61090	1.950	ug/l	99
84) n-Butylbenzene	12.199	91	95124	1.839	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	59757	1.942	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.990	75	4088	1.776	ug/l	98
87) 1,2,4-Trichlorobenzene	13.836	180	28591	1.905	ug/l	99
88) Hexachlorobutadiene	14.010	225	21893	2.041	ug/l	97
89) Naphthalene	14.084	128	41131	1.883	ug/l	96
90) 1,2,3-Trichlorobenzene	14.322	180	26648	1.815	ug/l	98

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

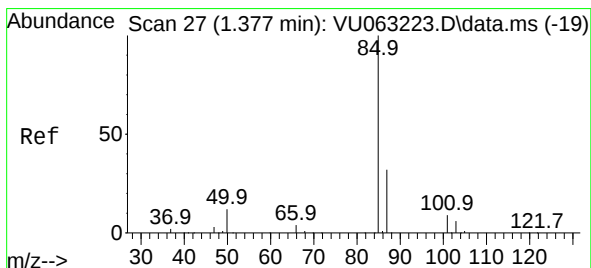
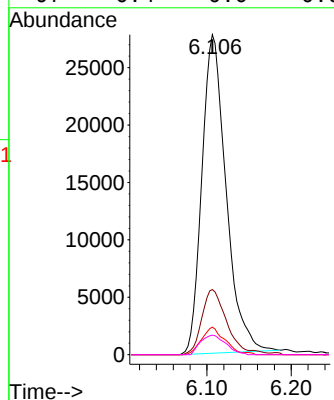
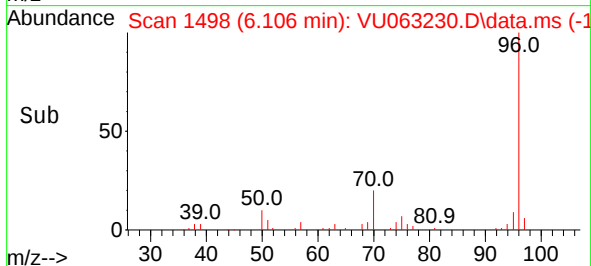


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Instrument :
MSVOA_U
ClientSampleId :

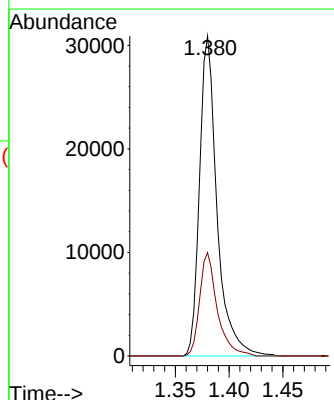
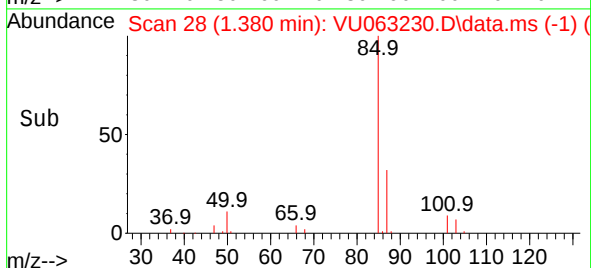
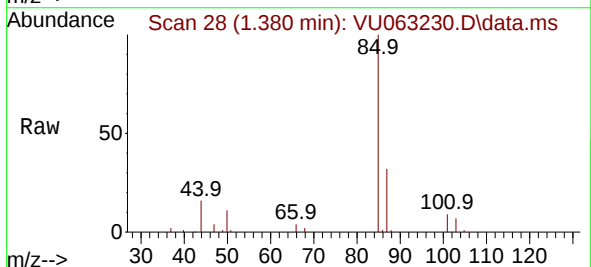


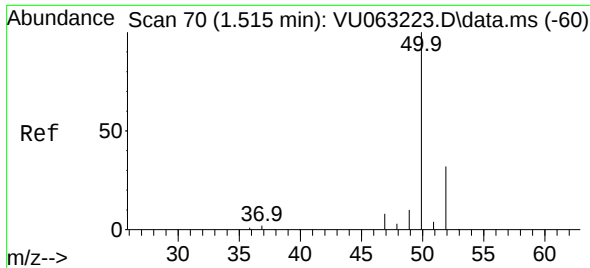
Tgt Ion: 96 Resp: 55425
Ion Ratio Lower Upper
96 100
70 20.4 15.6 23.4
95 8.4 7.3 10.9
97 6.4 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.937 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

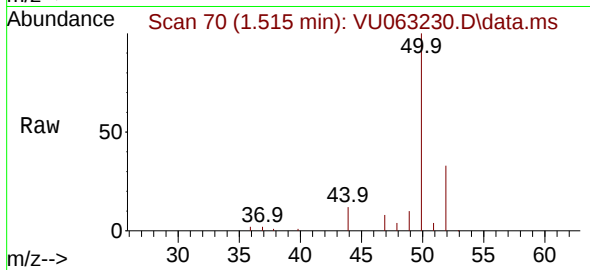
Tgt Ion: 85 Resp: 34881
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0



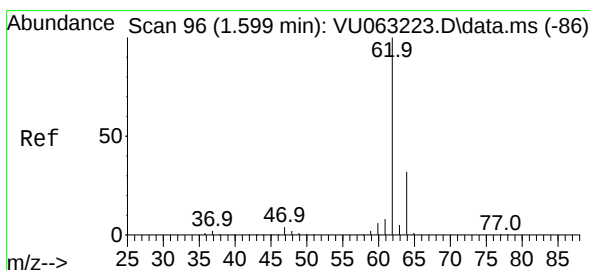
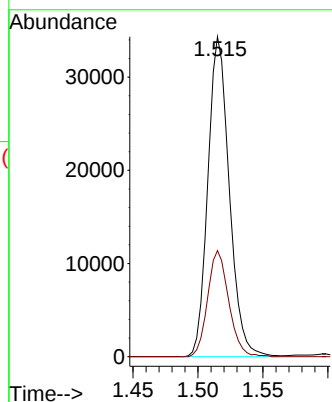
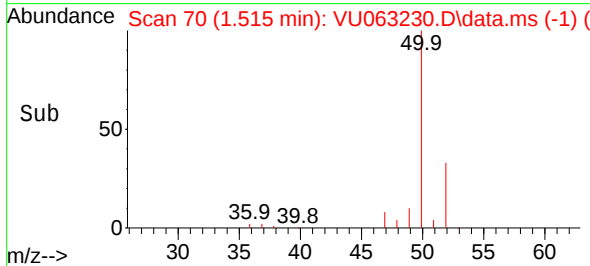


#3
Chloromethane
Concen: 1.898 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Instrument :
MSVOA_U
ClientSampleId :

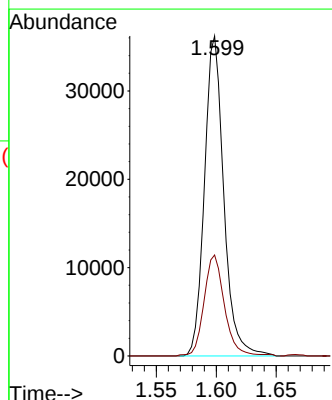
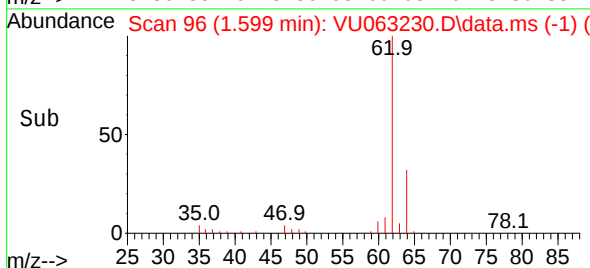
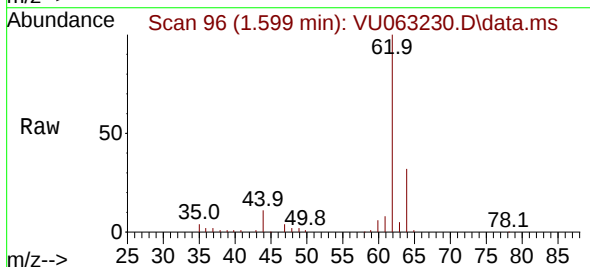


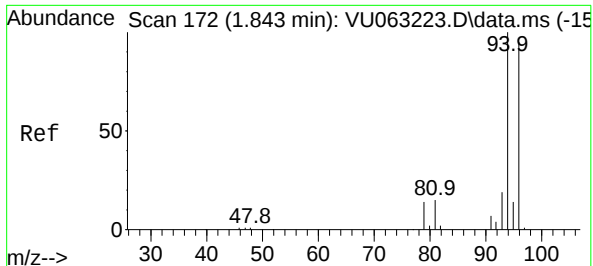
Tgt Ion: 50 Resp: 39366
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8



#4
Vinyl Chloride
Concen: 1.980 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion: 62 Resp: 40631
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

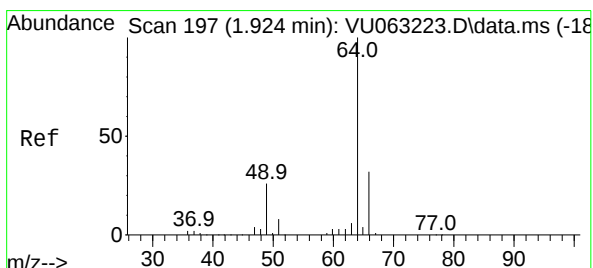
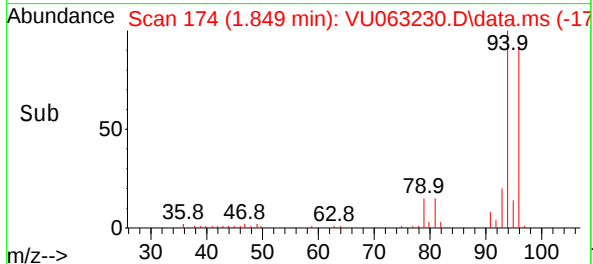
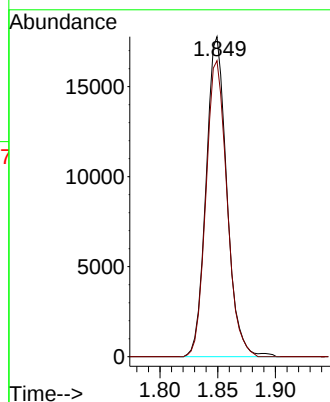
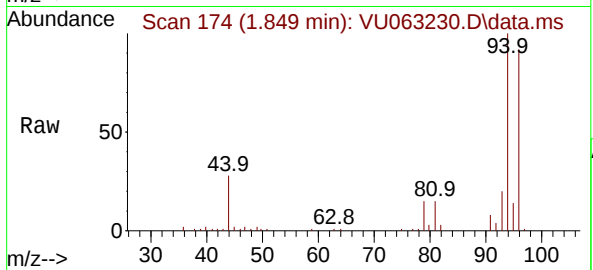




#5
Bromomethane
Concen: 2.214 ug/l
RT: 1.849 min Scan# 172
Delta R.T. 0.006 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

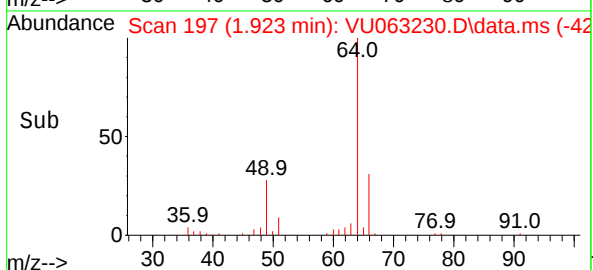
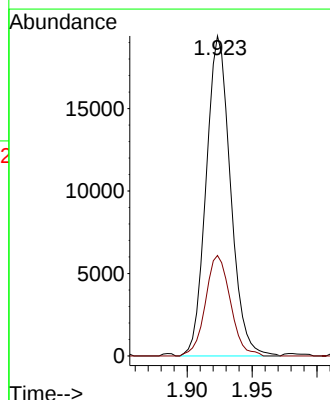
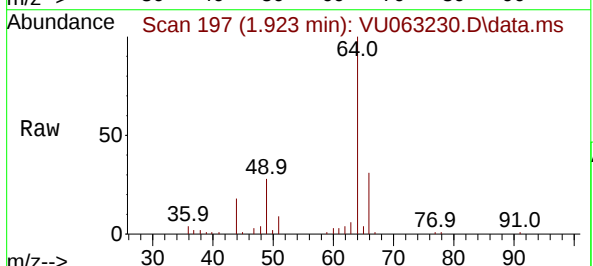
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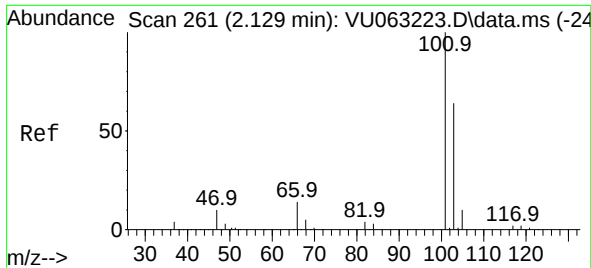
Tgt Ion: 94 Resp: 22200
Ion Ratio Lower Upper
94 100
96 92.5 75.7 113.5



#6
Chloroethane
Concen: 1.959 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

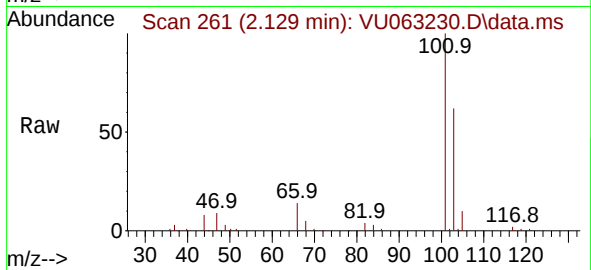
Tgt Ion: 64 Resp: 25320
Ion Ratio Lower Upper
64 100
66 31.4 25.8 38.8



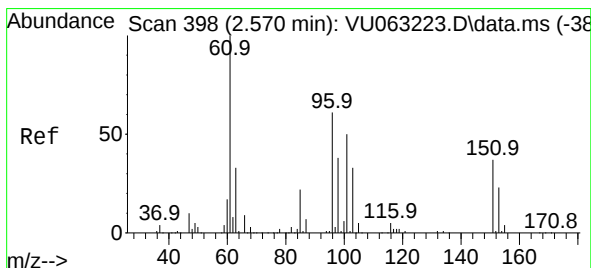
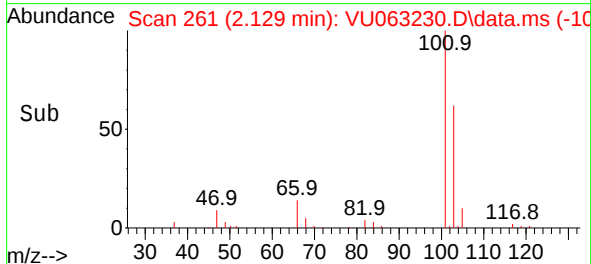
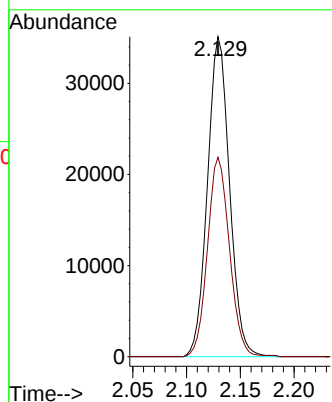


#7
 Trichlorofluoromethane
 Concen: 2.057 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063230.D
 Acq: 11 Feb 2025 12:07

Instrument :
 MSVOA_U
 ClientSampleId :

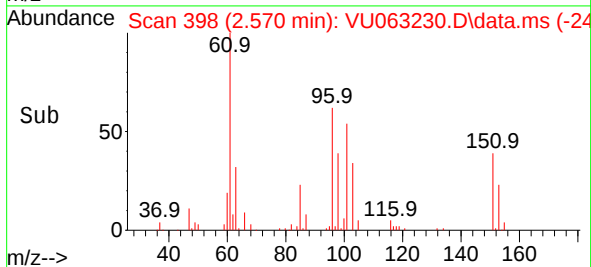
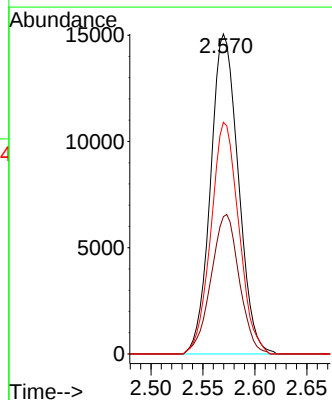
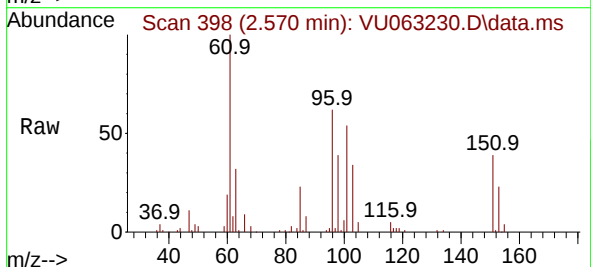


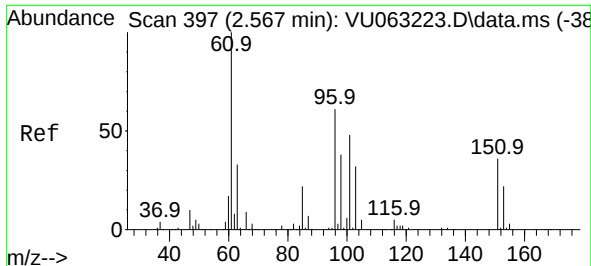
Tgt Ion:101 Resp: 50024
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.026 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063230.D
 Acq: 11 Feb 2025 12:07

Tgt Ion:101 Resp: 27957
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.4 53.0
 151 72.8 58.5 87.7

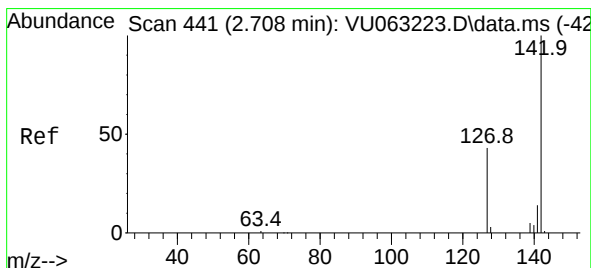
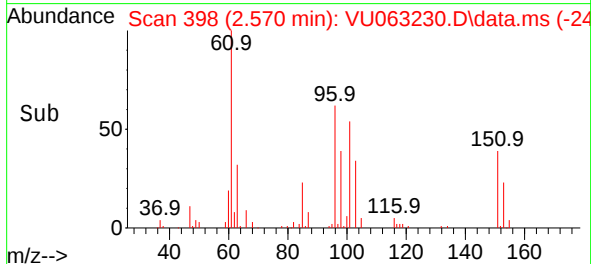
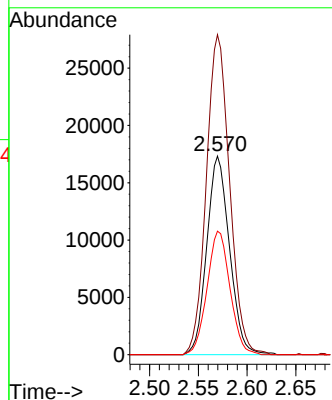
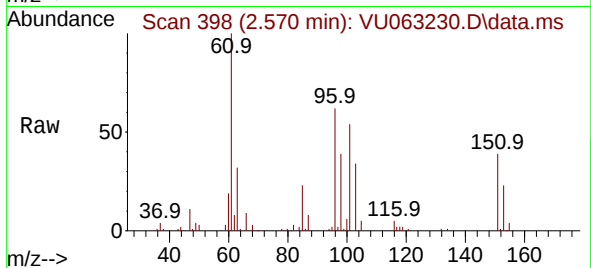




#9
1,1-Dichloroethene
Concen: 2.001 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

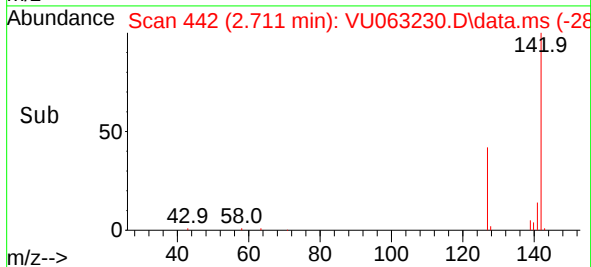
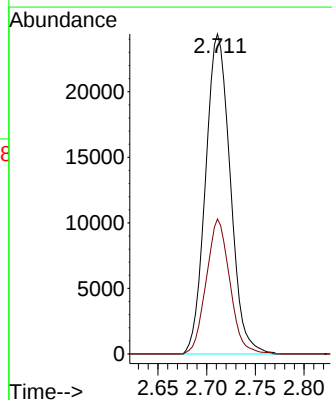
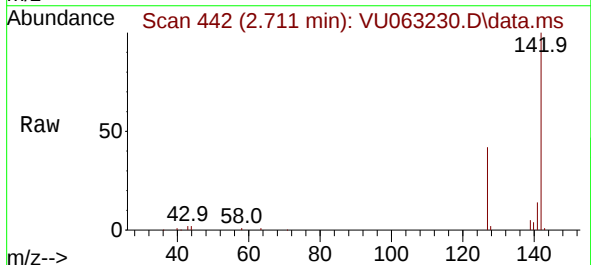
Instrument :
MSVOA_U
ClientSampleId :

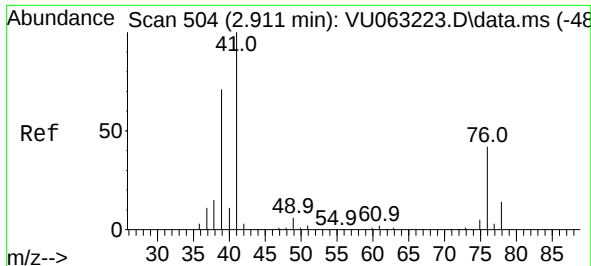
Tgt Ion: 96 Resp: 28143
Ion Ratio Lower Upper
96 100
61 161.2 0.0 492.9
98 62.2 0.0 124.0



#10
Iodomethane
Concen: 1.943 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion: 142 Resp: 42948
Ion Ratio Lower Upper
142 100
127 40.3 34.5 51.7

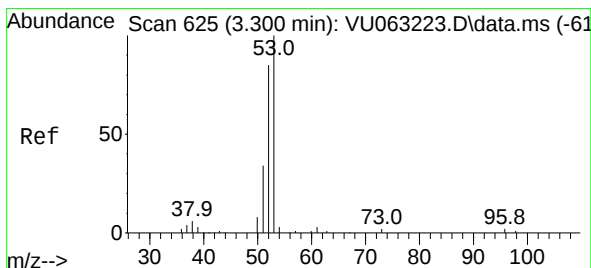
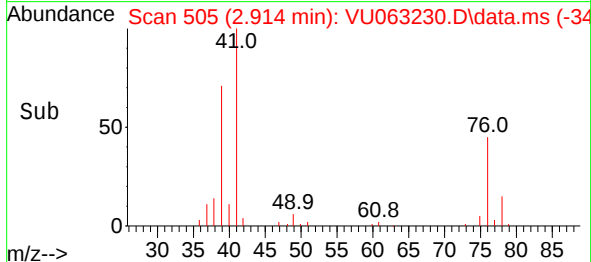
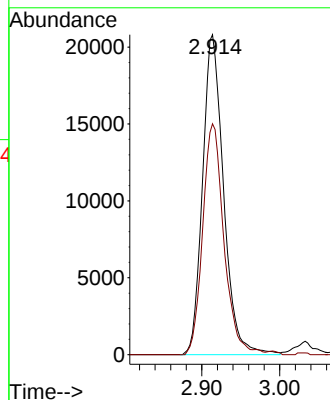
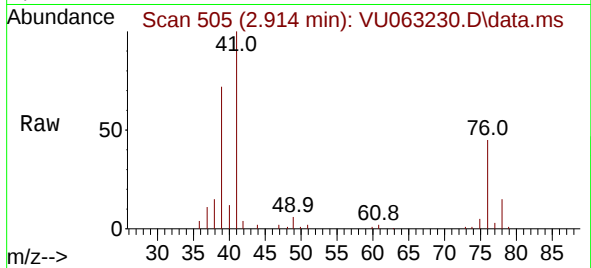




#11
 Allyl Chloride
 Concen: 1.928 ug/l
 RT: 2.914 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063230.D
 Acq: 11 Feb 2025 12:07

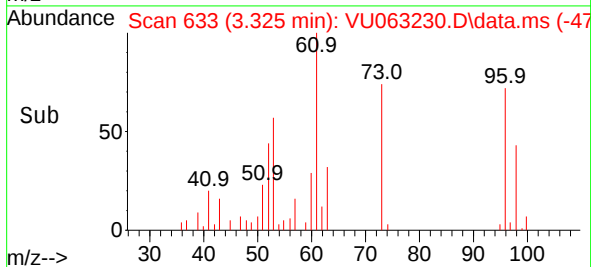
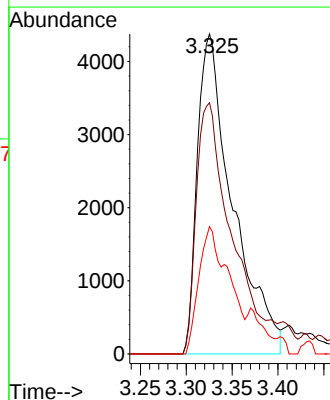
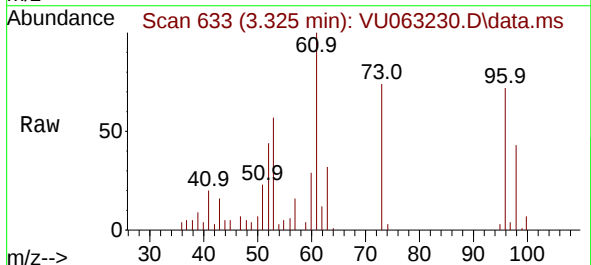
Instrument :
 MSVOA_U
 ClientSampleId :

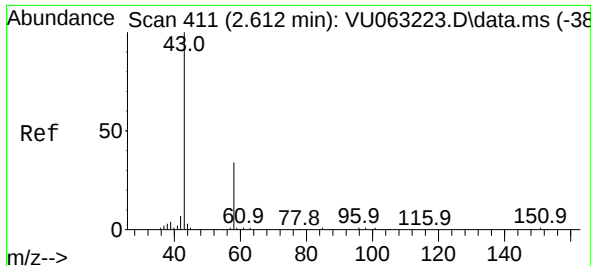
Tgt Ion: 41 Resp: 38956
 Ion Ratio Lower Upper
 41 100
 39 72.8 57.9 86.9



#12
 Acrylonitrile
 Concen: 3.609 ug/l
 RT: 3.325 min Scan# 633
 Delta R.T. 0.026 min
 Lab File: VU063230.D
 Acq: 11 Feb 2025 12:07

Tgt Ion: 53 Resp: 11706
 Ion Ratio Lower Upper
 53 100
 52 79.3 64.2 96.2
 51 34.0 30.8 46.2





#13

Acetone

Concen: 8.913 ug/l

RT: 2.631 min Scan# 411

Delta R.T. 0.019 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

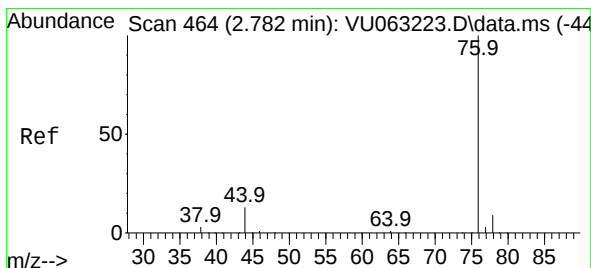
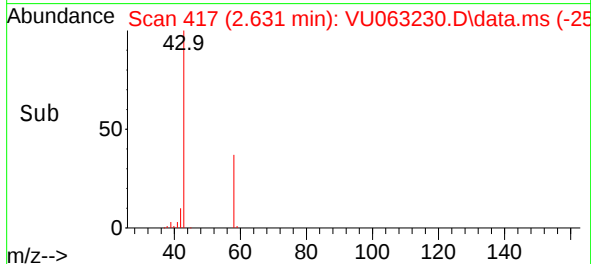
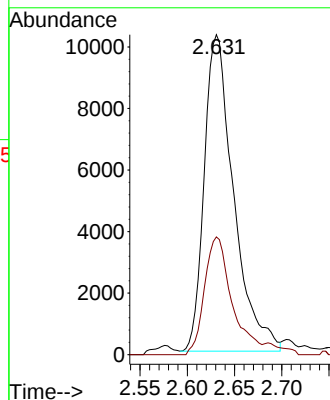
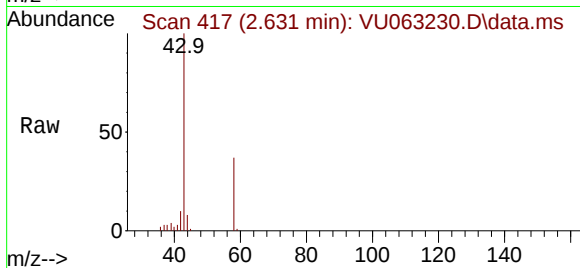
ClientSampleId :

Tgt Ion: 43 Resp: 22228

Ion Ratio Lower Upper

43 100

58 37.2 27.4 41.0



#14

Carbon Disulfide

Concen: 1.989 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063230.D

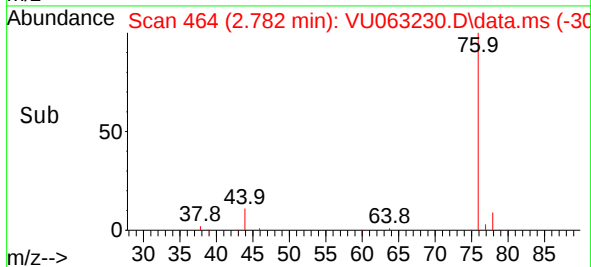
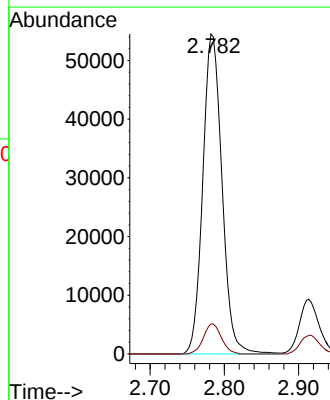
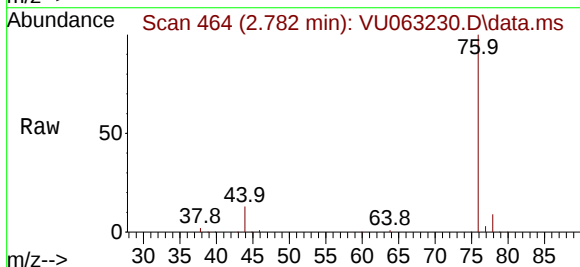
Acq: 11 Feb 2025 12:07

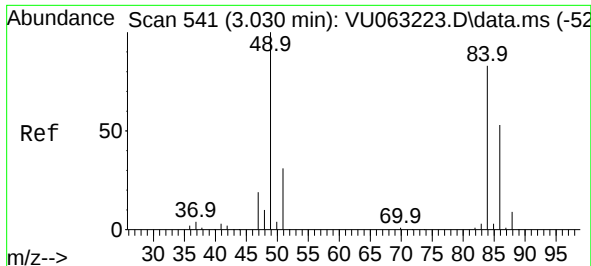
Tgt Ion: 76 Resp: 97781

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8





#15

Methylene Chloride

Concen: 1.878 ug/l

RT: 3.033 min Scan# 541

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 84 Resp: 32623

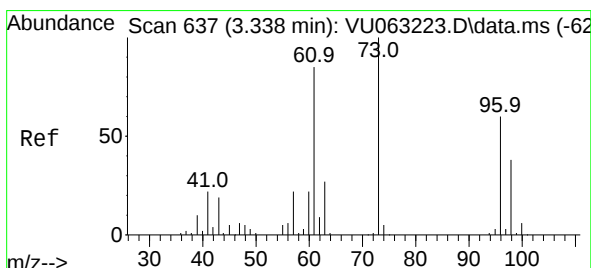
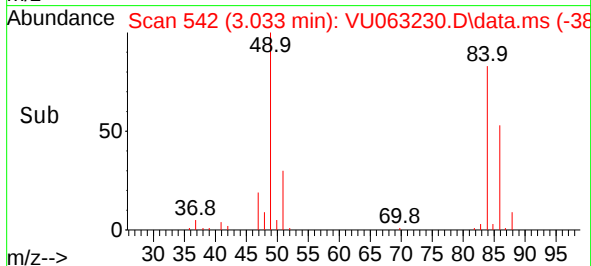
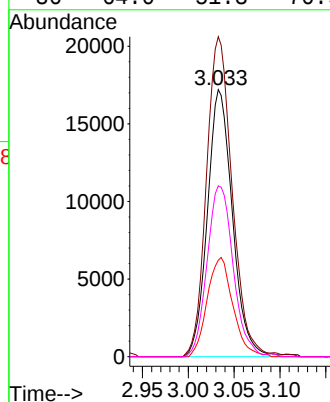
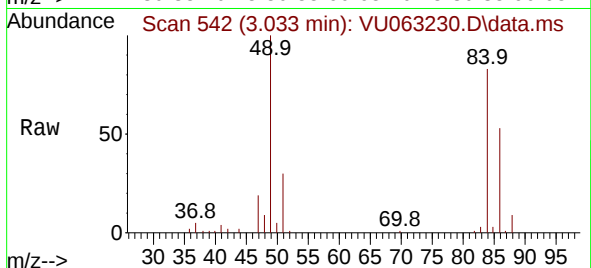
Ion Ratio Lower Upper

84 100

49 119.9 96.4 144.6

51 36.1 0.0 74.8

86 64.0 51.3 76.9



#16

trans-1,2-Dichloroethene

Concen: 1.972 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.006 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

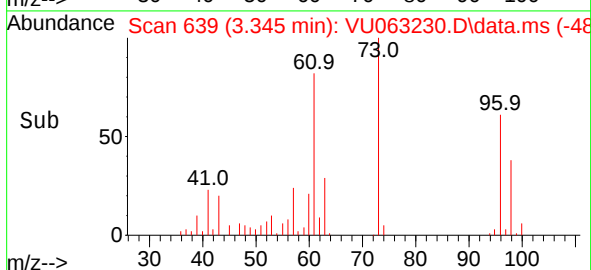
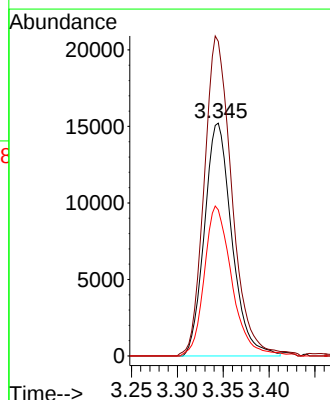
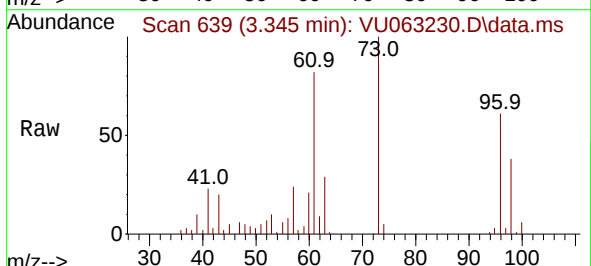
Tgt Ion: 96 Resp: 31649

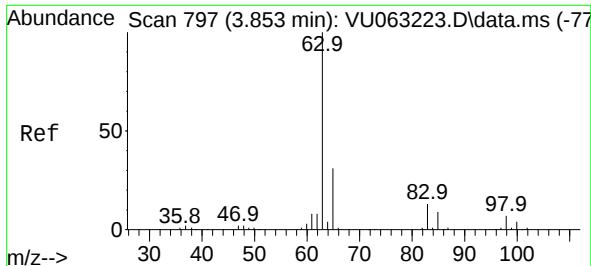
Ion Ratio Lower Upper

96 100

61 134.1 113.4 170.2

98 62.7 51.2 76.8

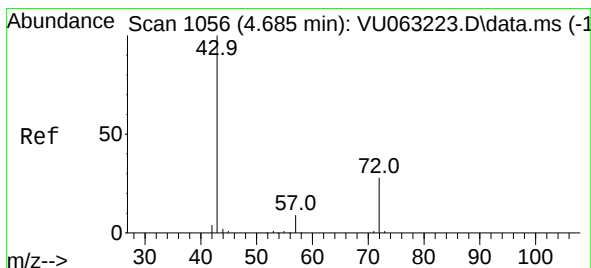
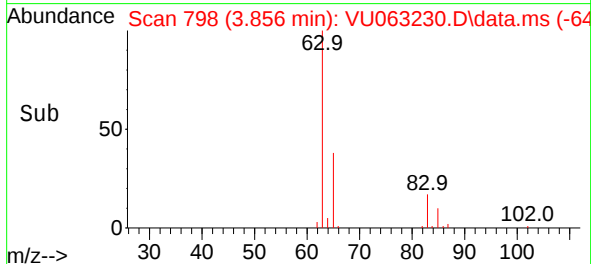
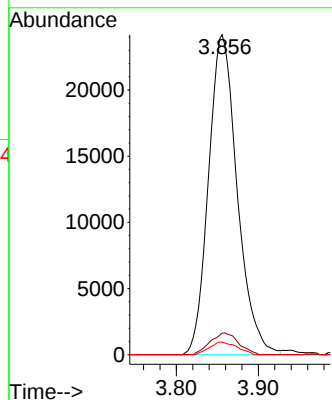
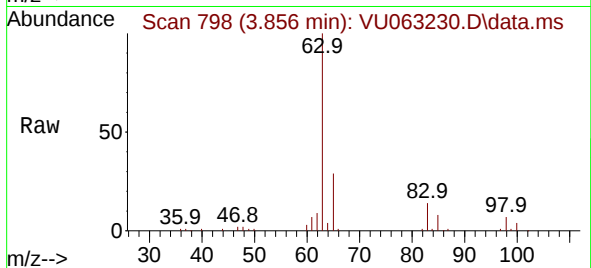




#17
1,1-Dichloroethane
Concen: 1.941 ug/l
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

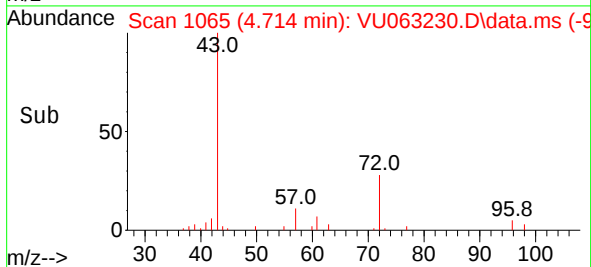
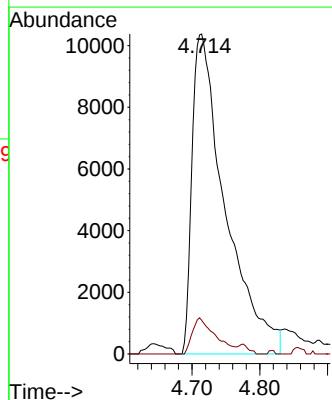
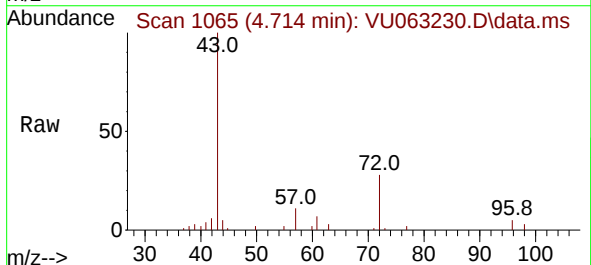
Instrument :
MSVOA_U
ClientSampleId :

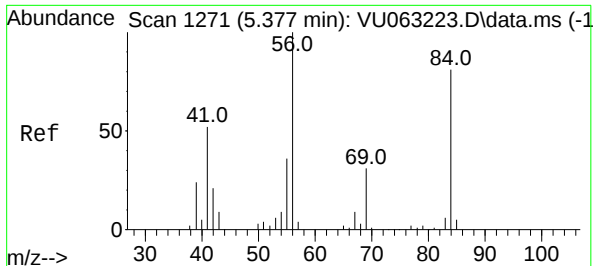
Tgt Ion: 63 Resp: 58713
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.9
100 3.9 2.1 6.2



#18
2-Butanone
Concen: 8.884 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.029 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion: 43 Resp: 35261
Ion Ratio Lower Upper
43 100
57 10.6 0.0 17.0





#19

Cyclohexane

Concen: 1.767 ug/l

RT: 5.373 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

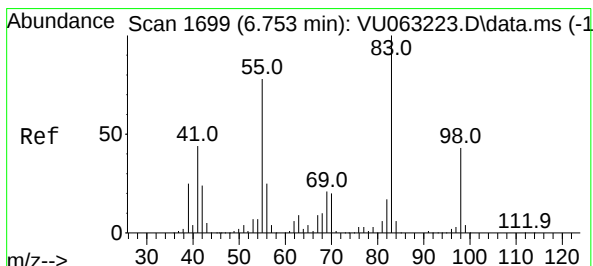
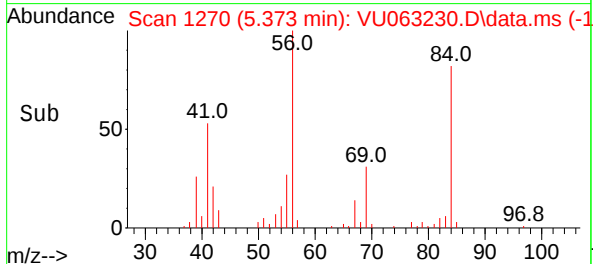
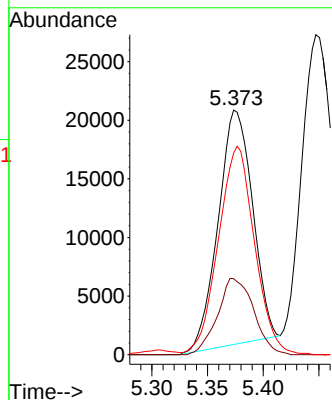
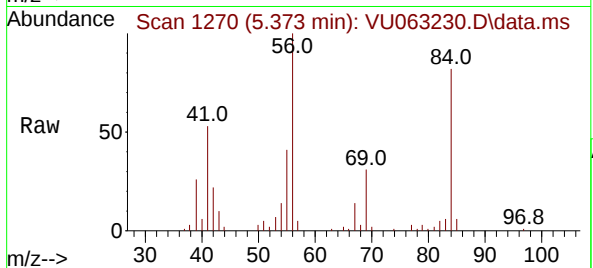
Tgt Ion: 56 Resp: 42953

Ion Ratio Lower Upper

56 100

69 34.3 24.5 36.7

84 92.3 65.2 97.8



#20

Methylcyclohexane

Concen: 2.041 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

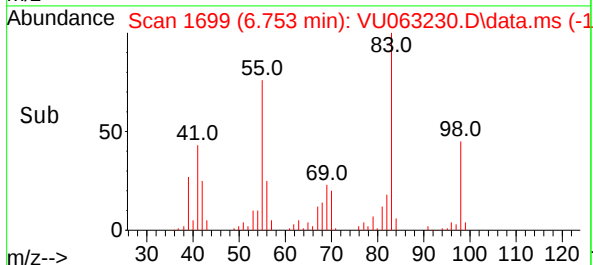
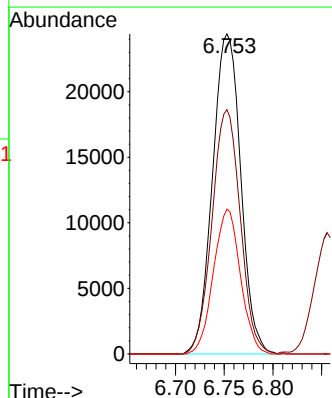
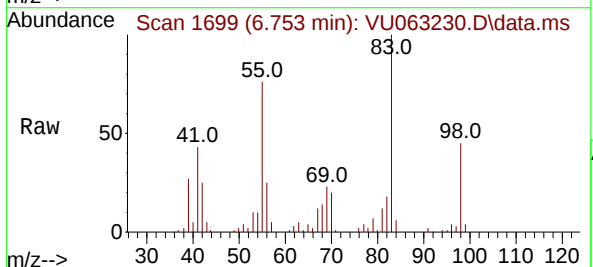
Tgt Ion: 83 Resp: 49192

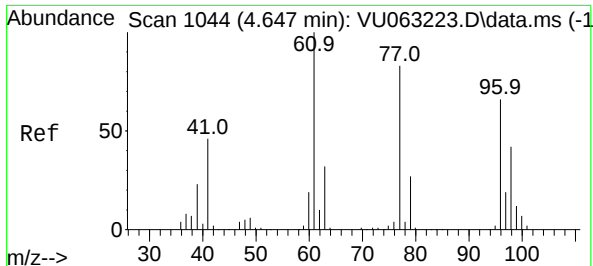
Ion Ratio Lower Upper

83 100

55 76.4 63.1 94.7

98 43.3 35.2 52.8

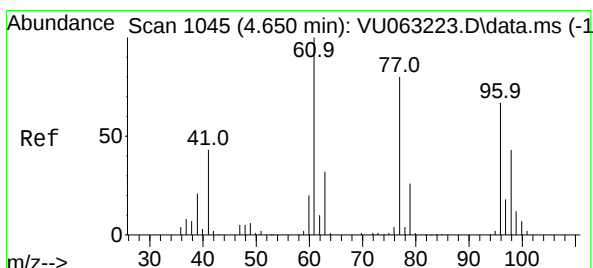
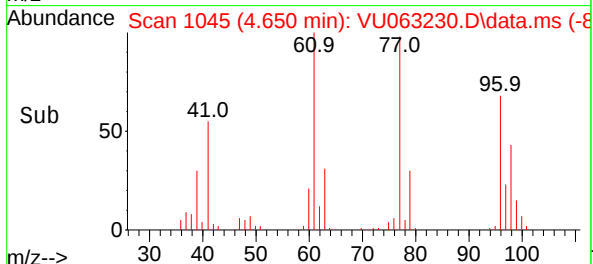
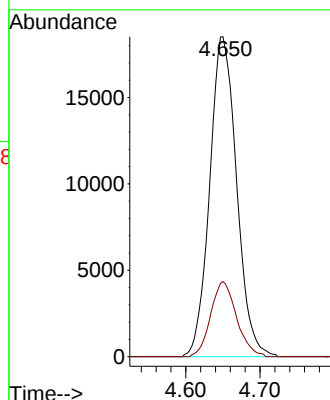
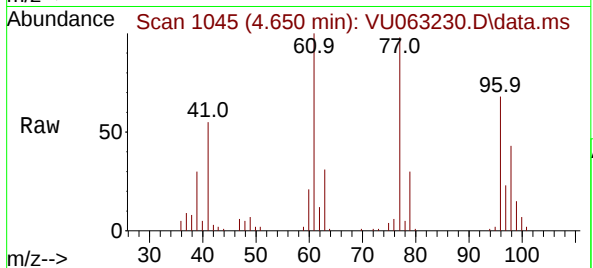




#21
2,2-Dichloropropane
Concen: 1.978 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

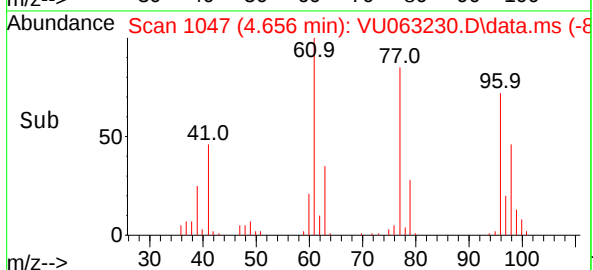
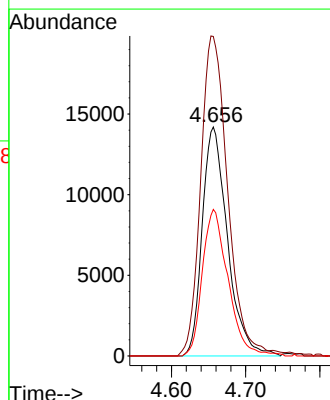
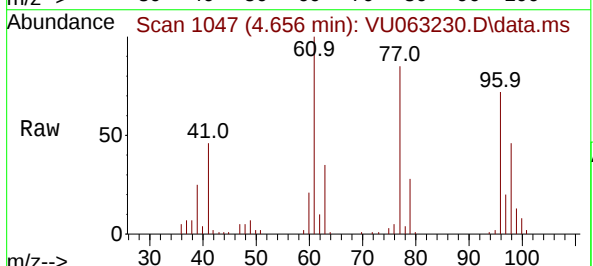
Instrument :
MSVOA_U
ClientSampleId :

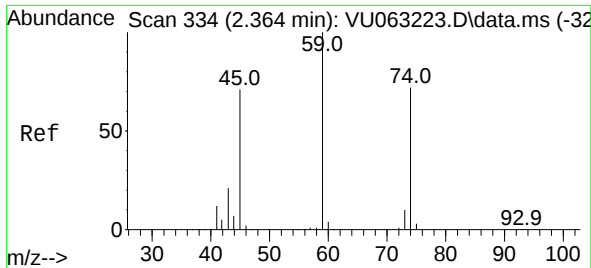
Tgt Ion: 77 Resp: 46690
Ion Ratio Lower Upper
77 100
97 22.5 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 1.936 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion: 96 Resp: 33572
Ion Ratio Lower Upper
96 100
61 149.7 0.0 373.3
98 65.2 31.9 95.9

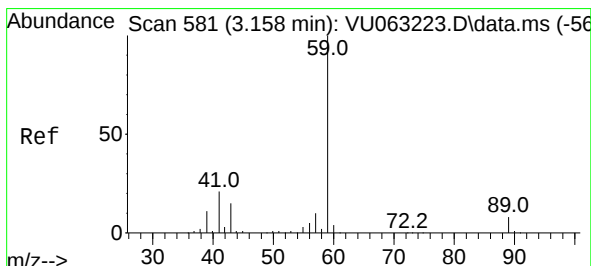
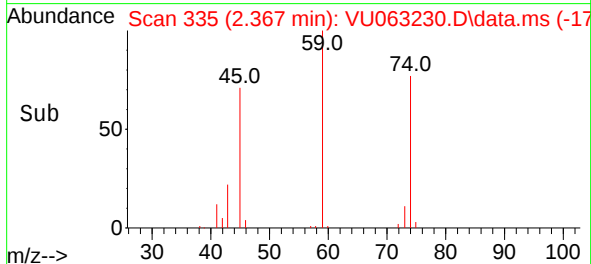
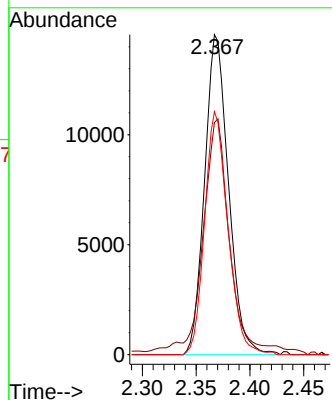
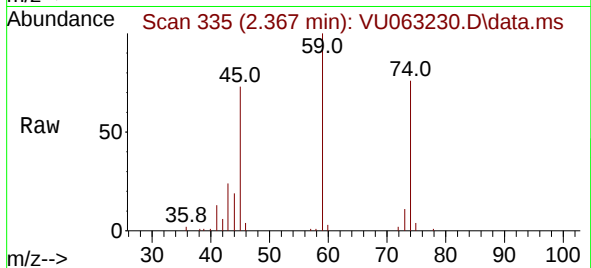




#23
Diethyl Ether
Concen: 1.865 ug/l
RT: 2.367 min Scan# 341
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

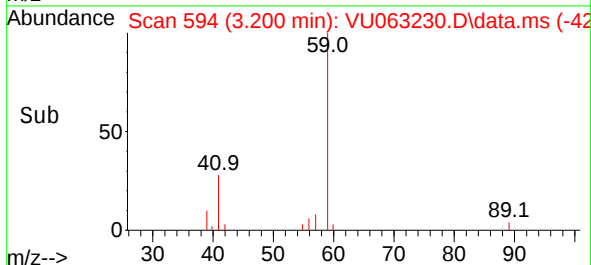
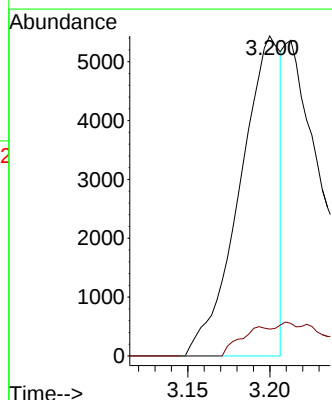
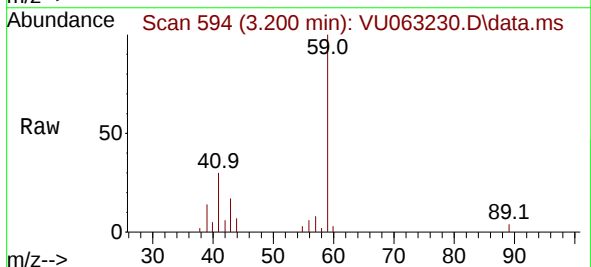
Instrument :
MSVOA_U
ClientSampleId :

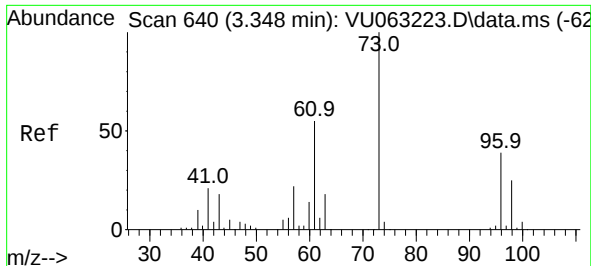
Tgt Ion: 59 Resp: 22508
Ion Ratio Lower Upper
59 100
45 84.3 57.8 86.6
74 73.9 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 1.124 ug/l
RT: 3.200 min Scan# 594
Delta R.T. 0.042 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion: 59 Resp: 9326
Ion Ratio Lower Upper
59 100
57 6.7 7.5 11.3#





#25

Methyl tert-Butyl Ether

Concen: 1.901 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

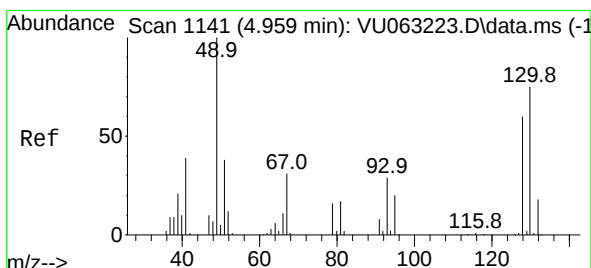
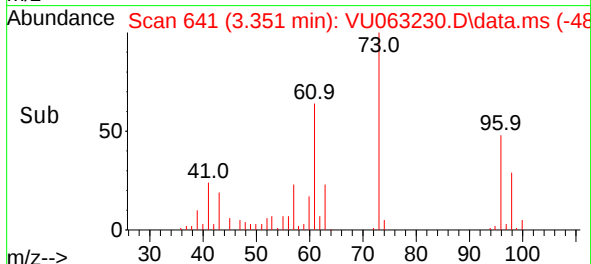
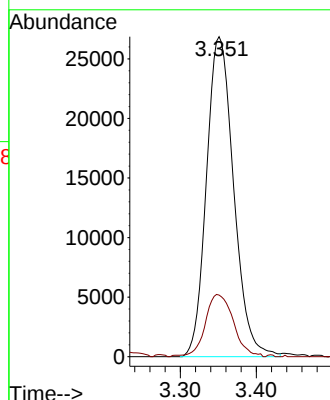
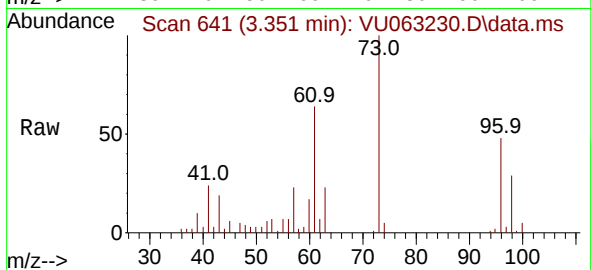
ClientSampleId :

Tgt Ion: 73 Resp: 66762

Ion Ratio Lower Upper

73 100

43 20.1 14.9 22.3



#26

Bromochloromethane

Concen: 1.954 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

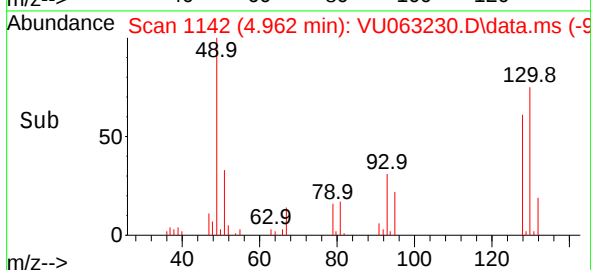
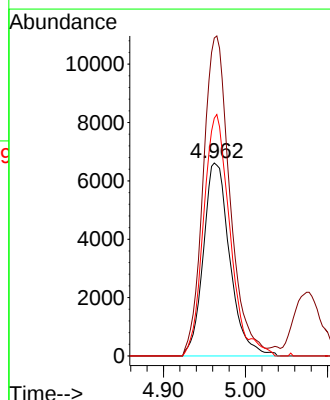
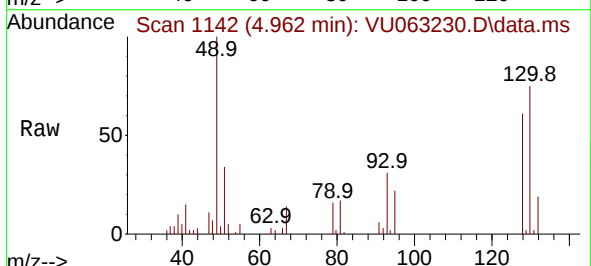
Tgt Ion:128 Resp: 14812

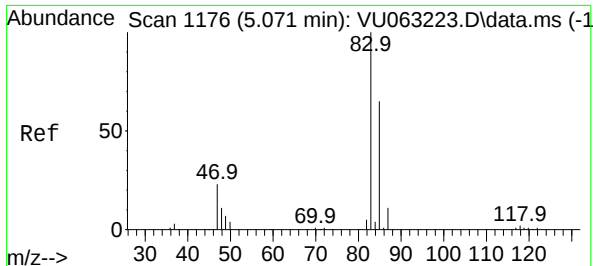
Ion Ratio Lower Upper

128 100

49 167.8 0.0 343.4

130 125.4 102.9 154.3





#27

Chloroform

Concen: 1.968 ug/l

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

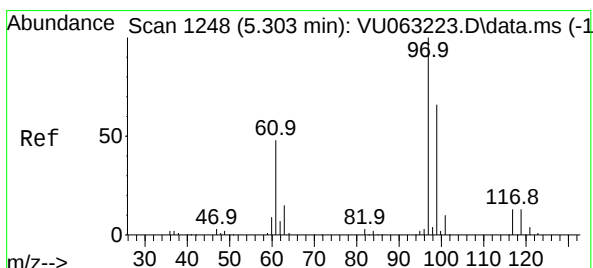
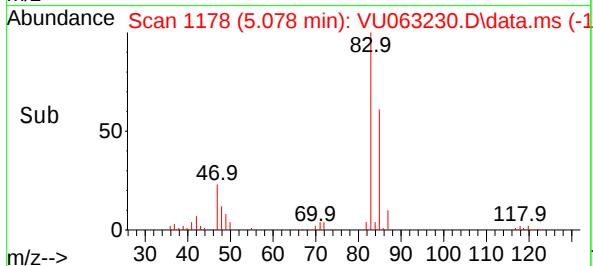
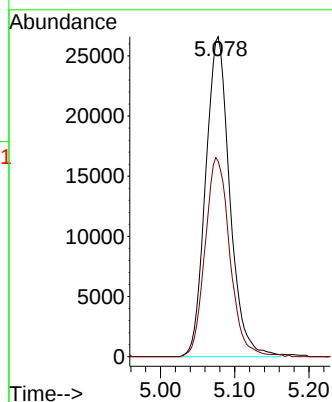
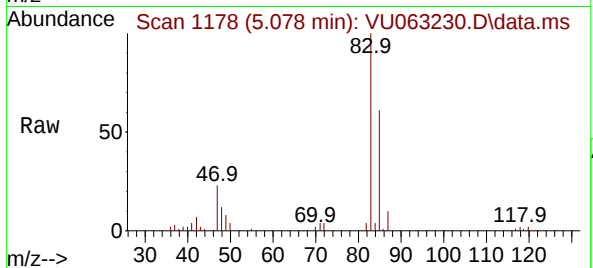
ClientSampleId :

Tgt Ion: 83 Resp: 60066

Ion Ratio Lower Upper

83 100

85 61.1 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 1.952 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

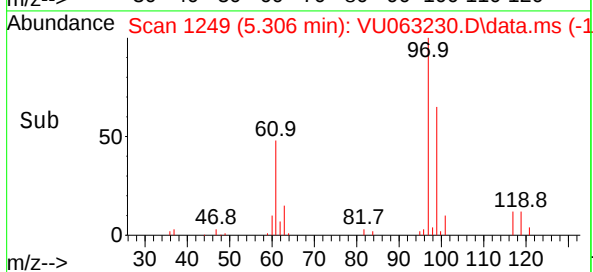
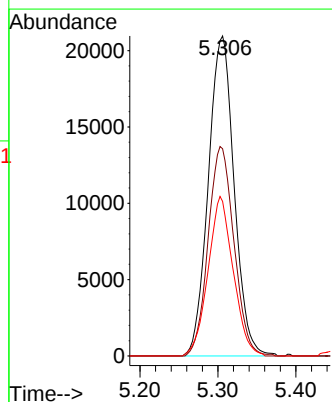
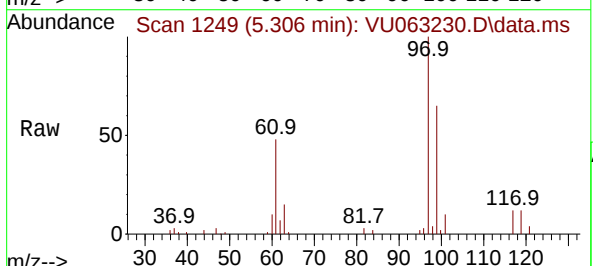
Tgt Ion: 97 Resp: 48266

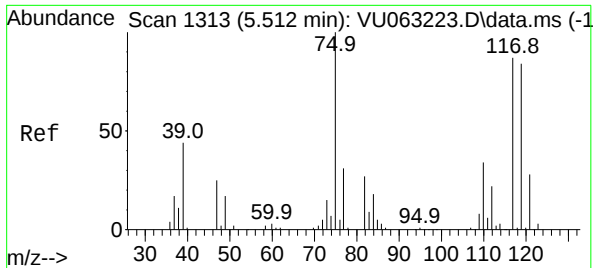
Ion Ratio Lower Upper

97 100

99 65.3 32.4 97.0

61 48.5 23.8 71.2

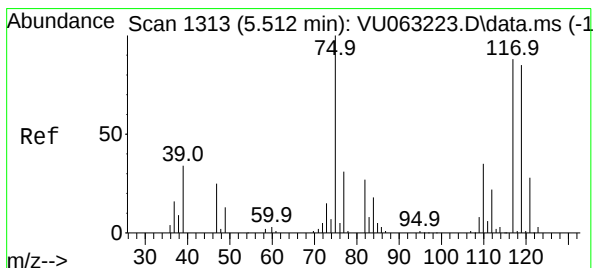
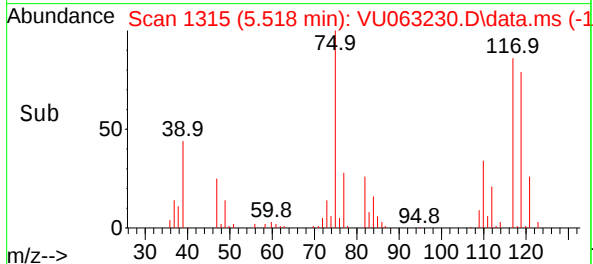
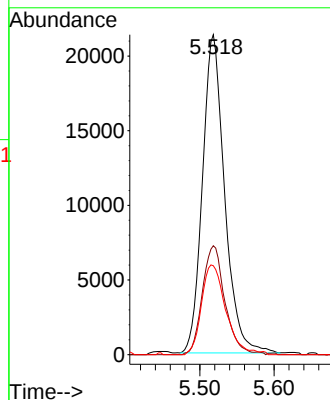
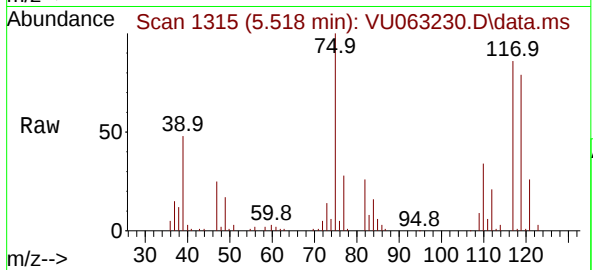




#29
1,1-Dichloropropene
Concen: 1.993 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

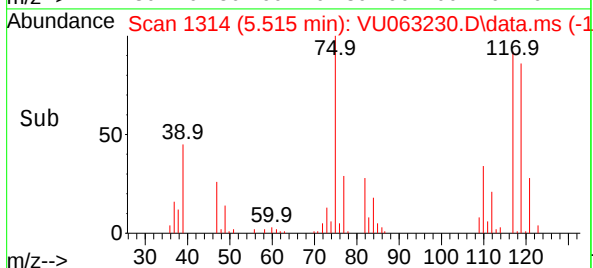
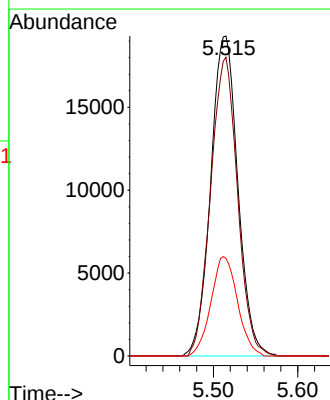
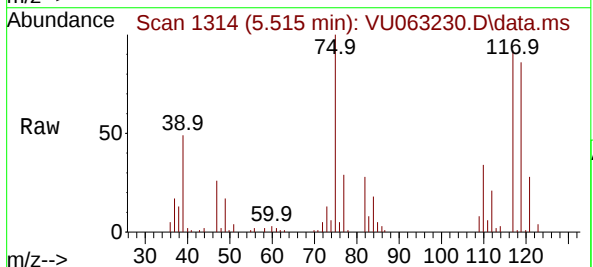
Instrument :
MSVOA_U
ClientSampleId :

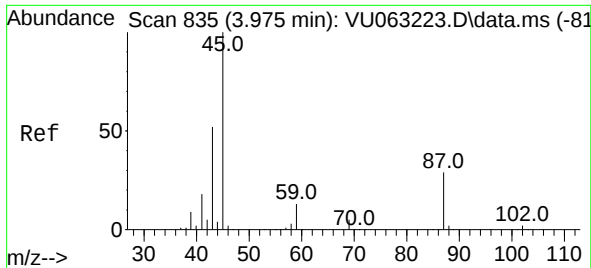
Tgt Ion: 75 Resp: 44151
Ion Ratio Lower Upper
75 100
110 34.7 17.2 51.5
77 31.1 24.6 37.0



#30
Carbon Tetrachloride
Concen: 2.035 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion:117 Resp: 43154
Ion Ratio Lower Upper
117 100
119 93.3 76.7 115.1
121 30.5 25.5 38.3

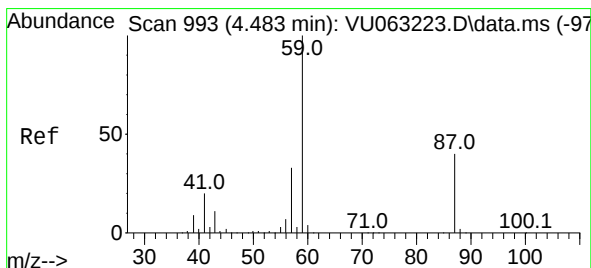
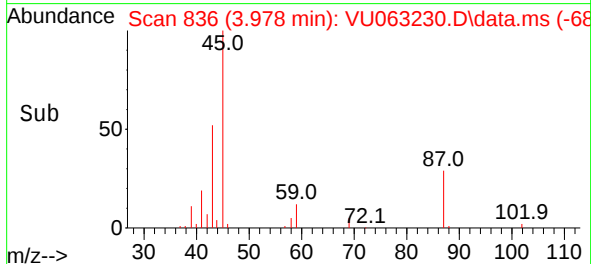
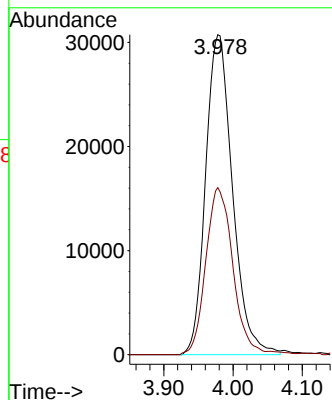
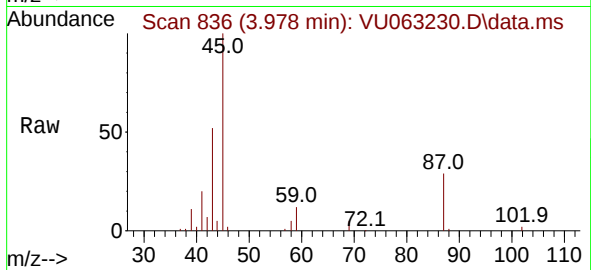




#31
Isopropyl Ether
Concen: 1.918 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

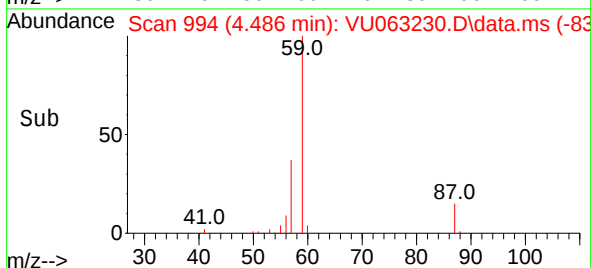
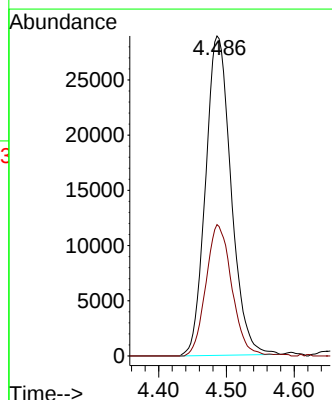
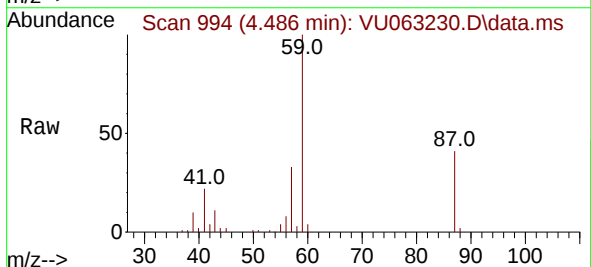
Instrument :
MSVOA_U
ClientSampleId :

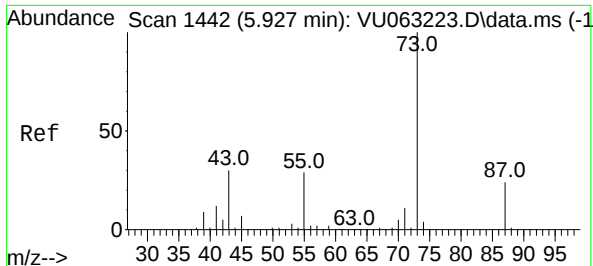
Tgt Ion: 45 Resp: 82853
Ion Ratio Lower Upper
45 100
43 52.2 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 1.929 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

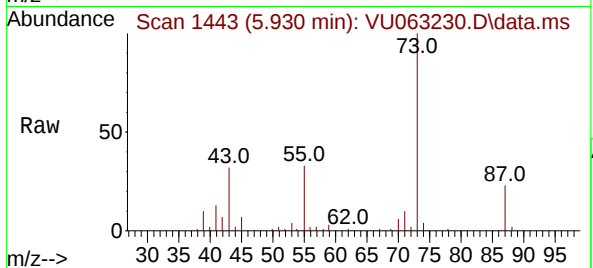
Tgt Ion: 59 Resp: 75741
Ion Ratio Lower Upper
59 100
87 40.9 32.6 49.0



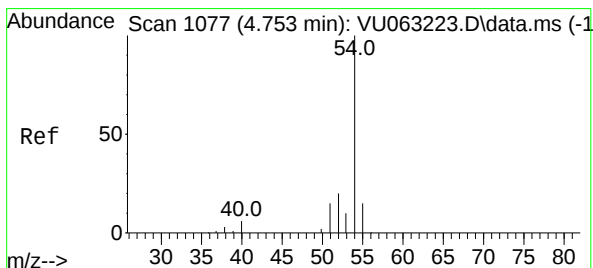
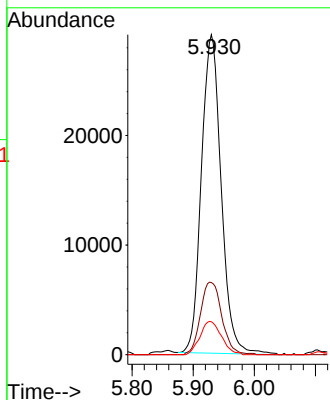
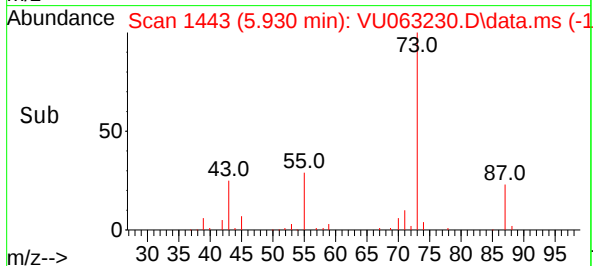


#33
Tert-Amyl methyl ether
Concen: 1.903 ug/l
RT: 5.930 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

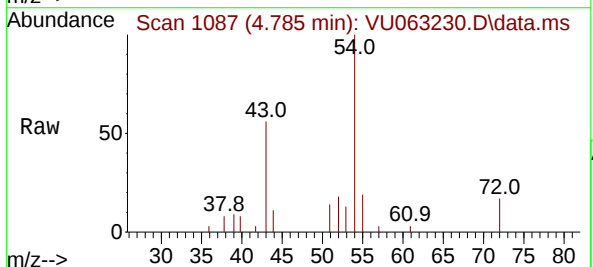
Instrument :
MSVOA_U
ClientSampleId :



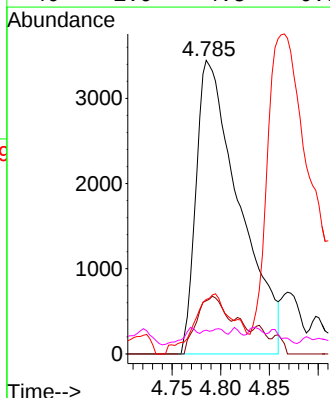
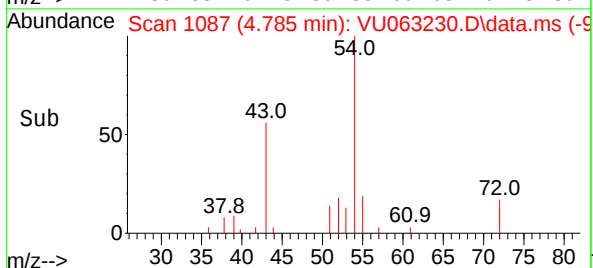
Tgt Ion: 73 Resp: 65301
Ion Ratio Lower Upper
73 100
87 24.6 18.9 28.3
71 11.3 9.0 13.4

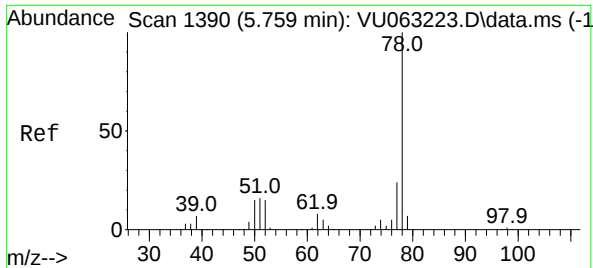


#34
Propionitrile
Concen: 8.855 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.032 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07



Tgt Ion: 54 Resp: 10600
Ion Ratio Lower Upper
54 100
52 13.1 16.3 24.5#
55 18.7 11.8 17.6#
40 1.9 4.3 6.5#





#35

Benzene

Concen: 1.943 ug/l

RT: 5.762 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

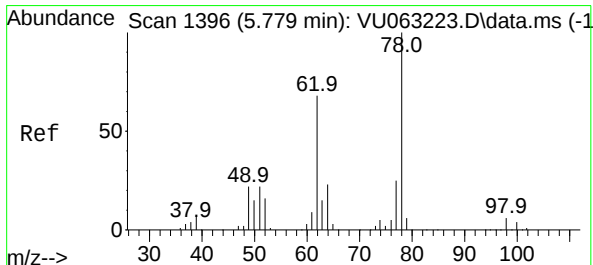
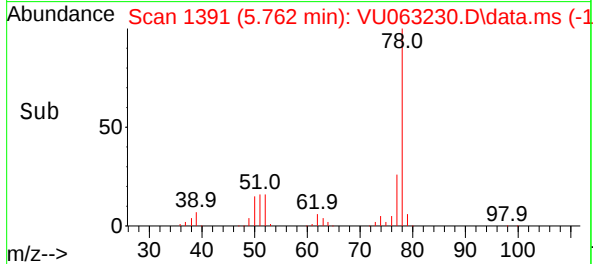
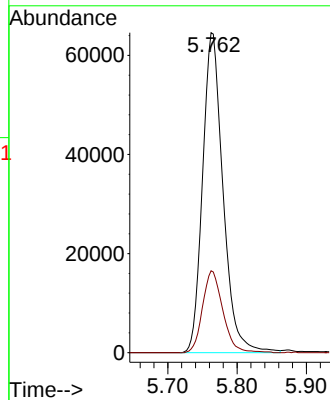
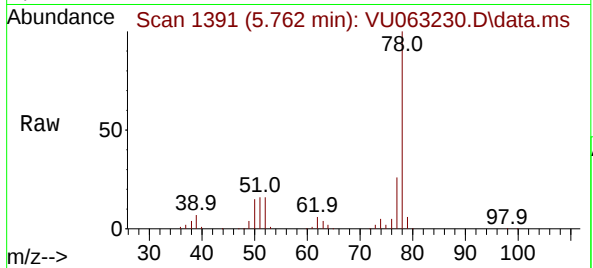
ClientSampleId :

Tgt Ion: 78 Resp: 132307

Ion Ratio Lower Upper

78 100

77 25.6 19.0 28.4



#36

1,2-Dichloroethane

Concen: 1.933 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VU063230.D

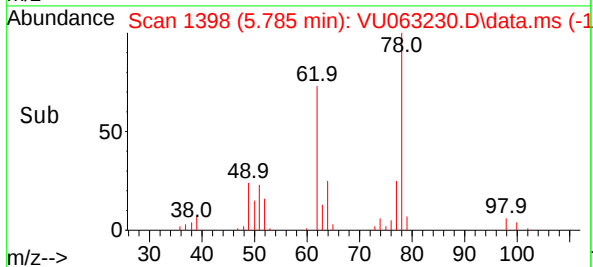
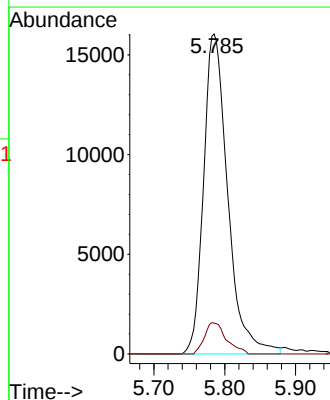
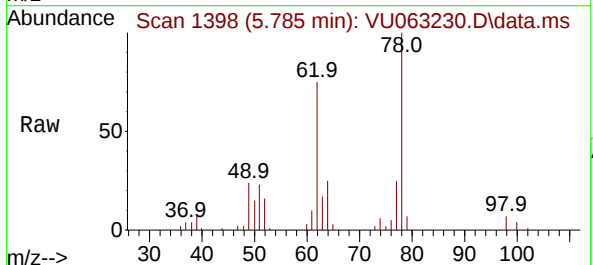
Acq: 11 Feb 2025 12:07

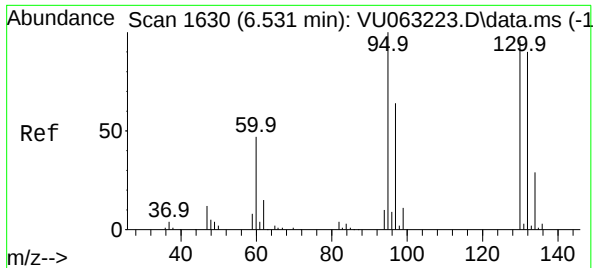
Tgt Ion: 62 Resp: 38000

Ion Ratio Lower Upper

62 100

98 8.9 6.9 10.3

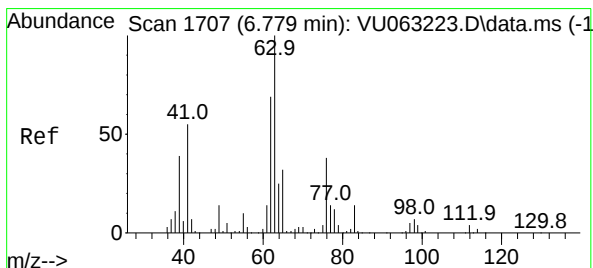
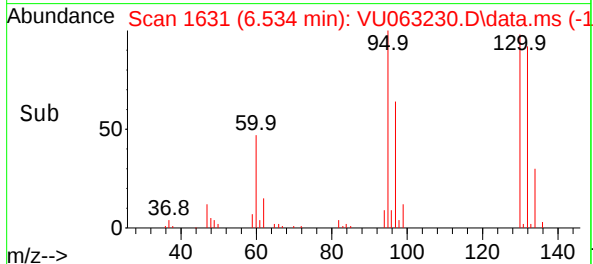
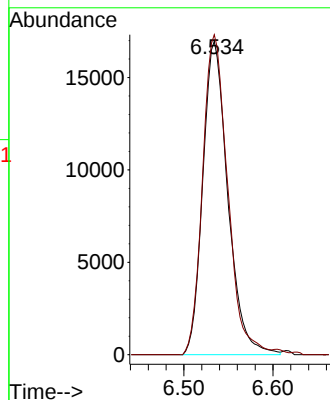
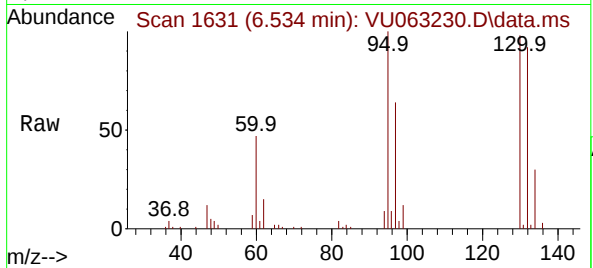




#37
Trichloroethene
Concen: 2.040 ug/l
RT: 6.534 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

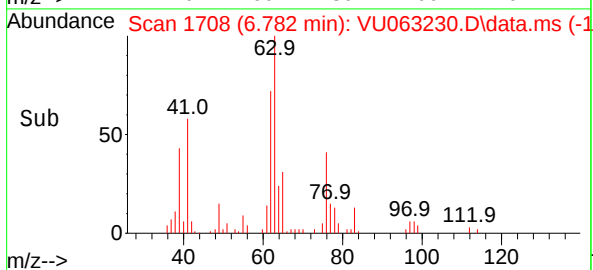
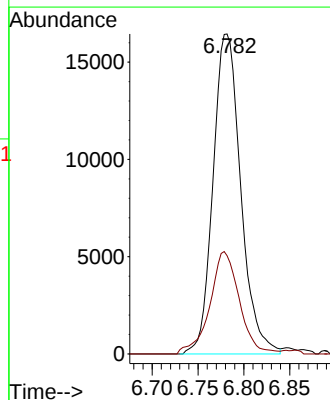
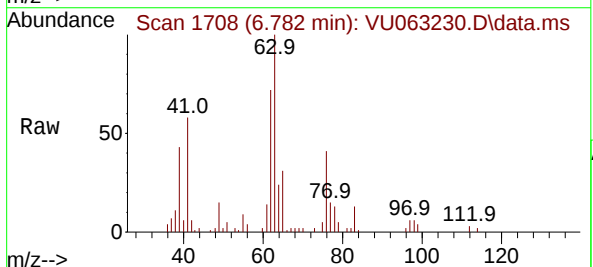
Instrument :
MSVOA_U
ClientSampleId :

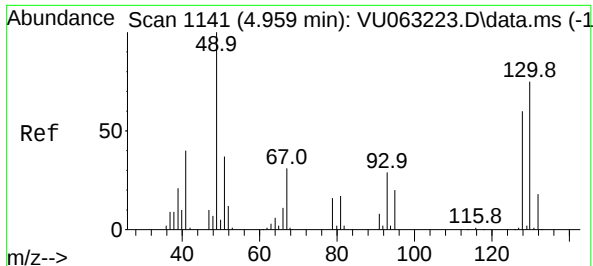
Tgt Ion:130 Resp: 33039
Ion Ratio Lower Upper
130 100
95 102.1 83.2 124.8



#38
1,2-Dichloropropane
Concen: 1.939 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

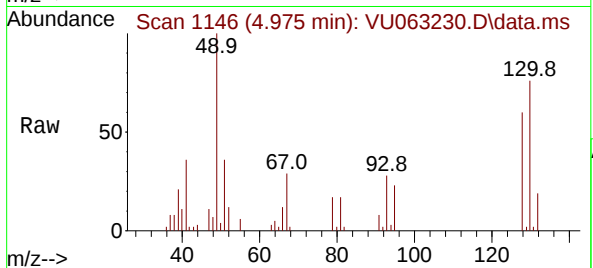
Tgt Ion: 63 Resp: 34557
Ion Ratio Lower Upper
63 100
65 29.9 25.3 37.9



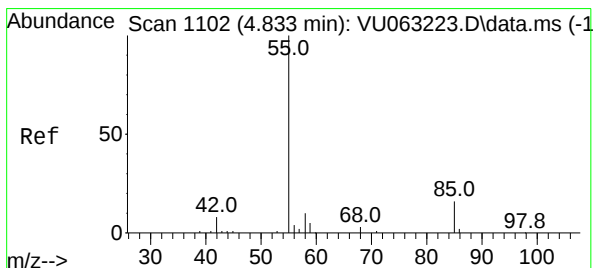
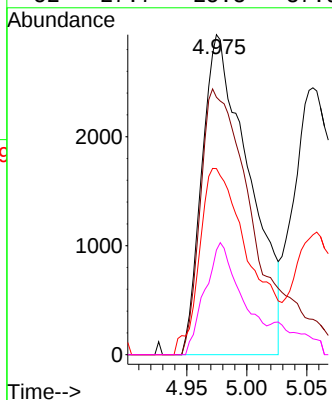
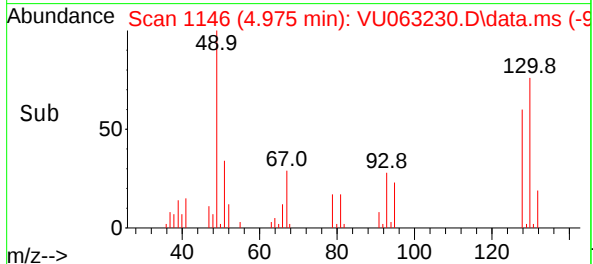


#39
Methacrylonitrile
Concen: 1.802 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.016 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

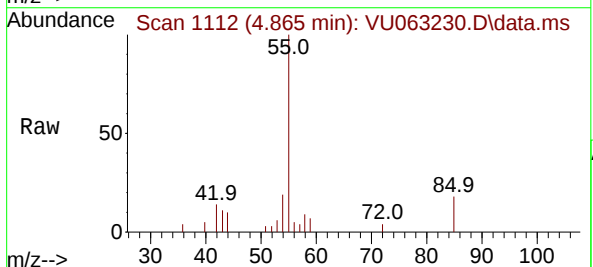
Instrument :
MSVOA_U
ClientSampleId :



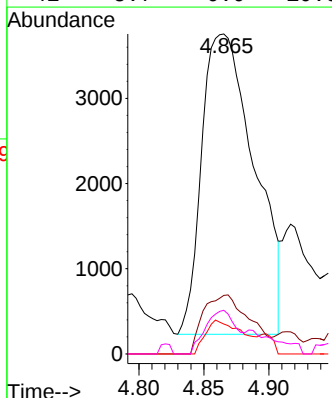
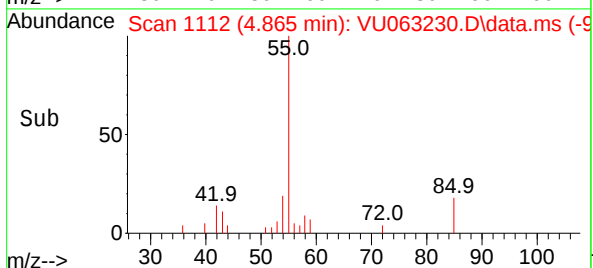
Tgt Ion:	41	Resp:	8038
Ion	Ratio	Lower	Upper
41	100		
67	97.5	64.5	96.7#
39	61.8	43.0	64.6
52	27.7	25.3	37.9

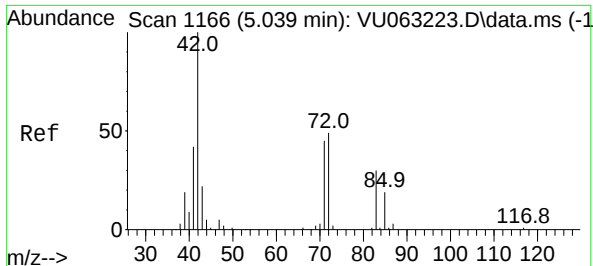


#40
Methyl acrylate
Concen: 1.204 ug/l
RT: 4.865 min Scan# 1112
Delta R.T. 0.032 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07



Tgt Ion:	55	Resp:	9902
Ion	Ratio	Lower	Upper
55	100		
85	17.3	13.3	19.9
58	8.0	7.3	10.9
42	8.7	6.9	10.3





#41

Tetrahydrofuran

Concen: 3.380 ug/l

RT: 5.058 min Scan# 1166

Delta R.T. 0.019 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

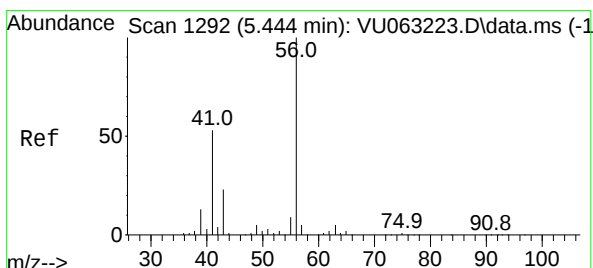
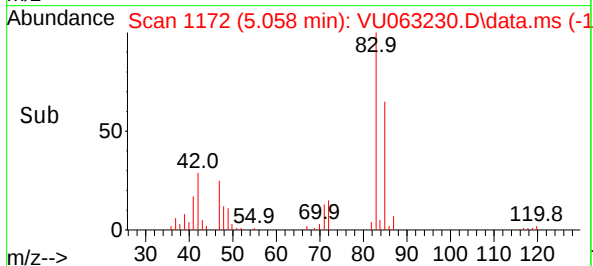
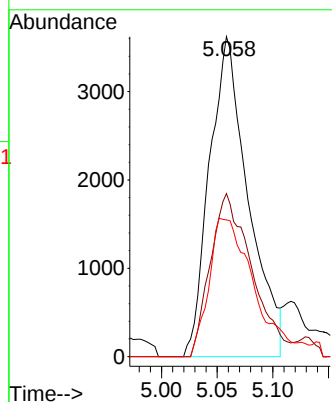
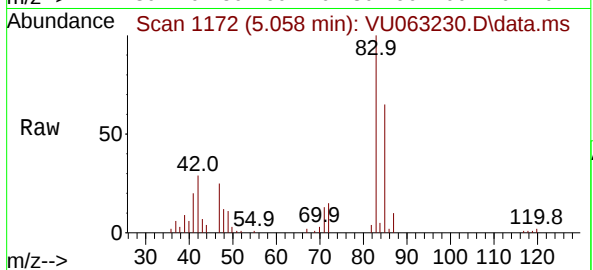
Tgt Ion: 42 Resp: 8769

Ion Ratio Lower Upper

42 100

72 54.7 41.5 62.3

71 50.5 37.2 55.8



#42

1-Chlorobutane

Concen: 1.924 ug/l

RT: 5.447 min Scan# 1293

Delta R.T. 0.003 min

Lab File: VU063230.D

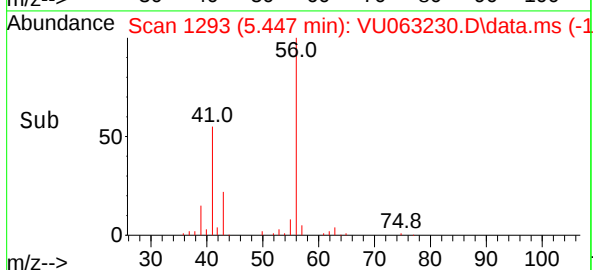
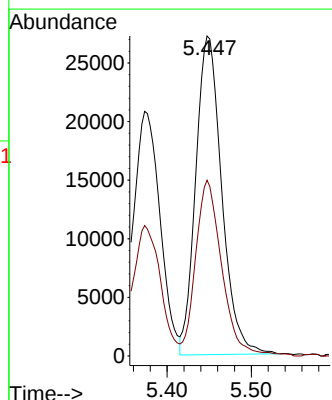
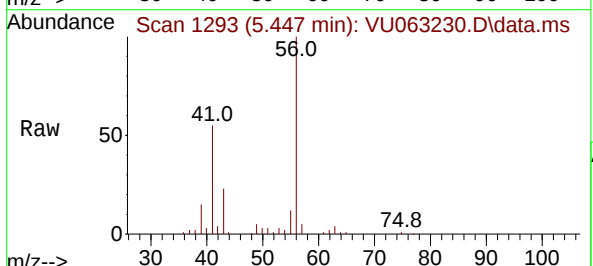
Acq: 11 Feb 2025 12:07

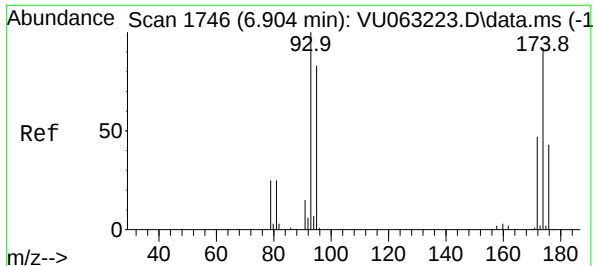
Tgt Ion: 56 Resp: 58303

Ion Ratio Lower Upper

56 100

41 55.7 26.3 78.8





#43

Dibromomethane

Concen: 1.906 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.009 min

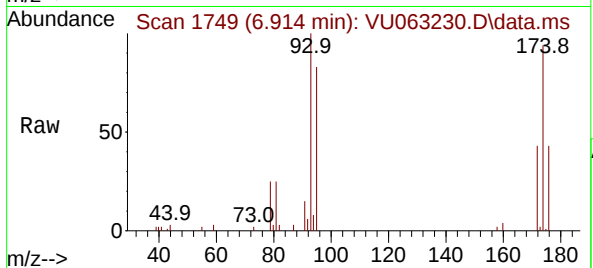
Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :



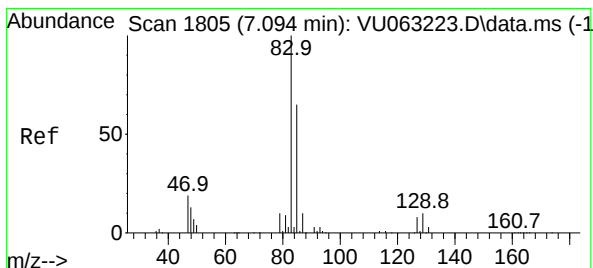
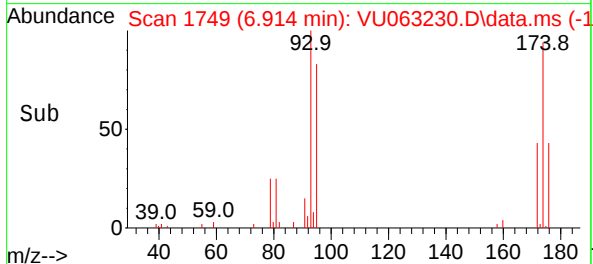
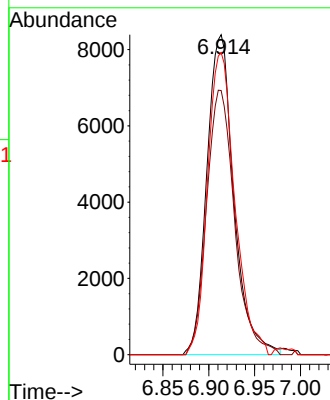
Tgt Ion: 93 Resp: 17206

Ion Ratio Lower Upper

93 100

95 85.5 67.2 100.8

174 95.0 75.7 113.5



#44

Bromodichloromethane

Concen: 1.982 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

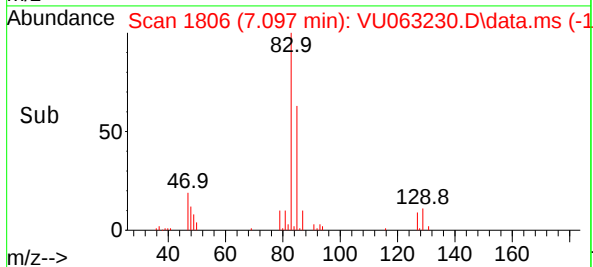
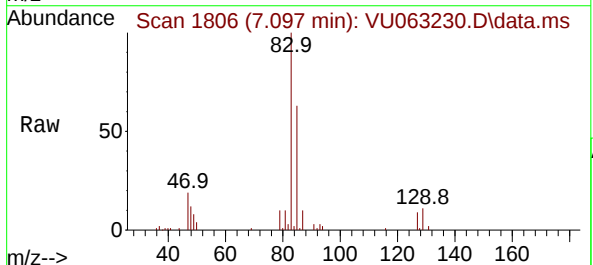
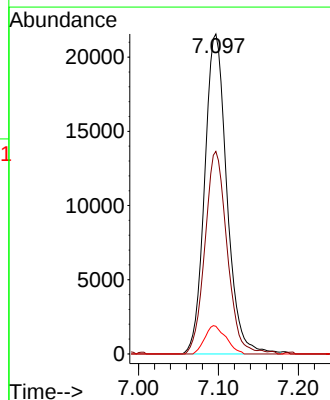
Tgt Ion: 83 Resp: 41643

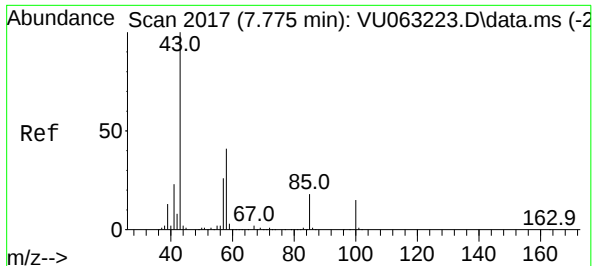
Ion Ratio Lower Upper

83 100

85 63.3 51.7 77.5

127 9.6 6.7 10.1

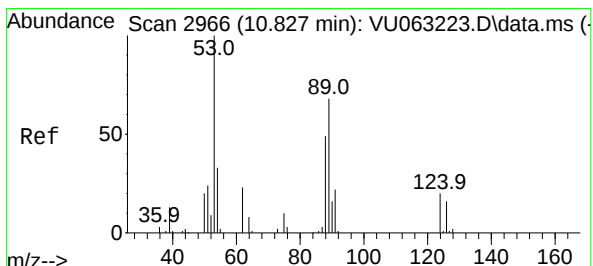
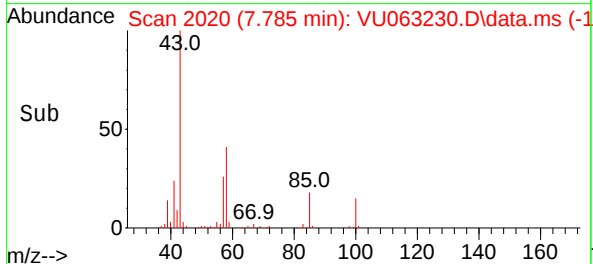
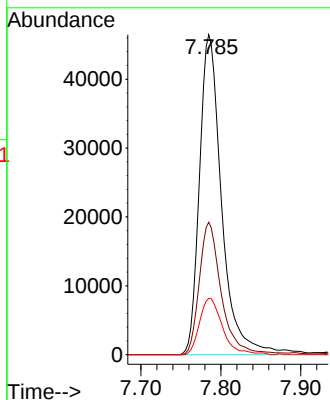
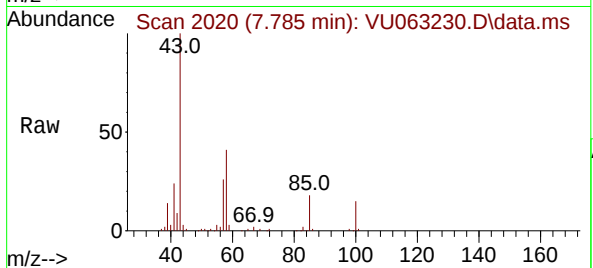




#45
4-Methyl-2-Pentanone
Concen: 9.439 ug/l
RT: 7.785 min Scan# 2017
Delta R.T. 0.009 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

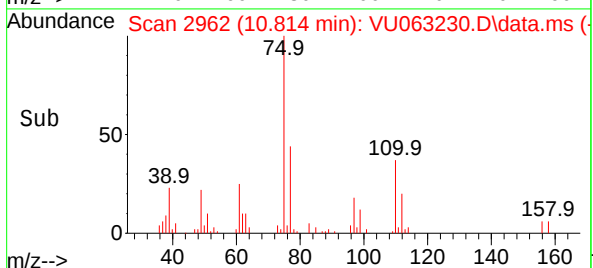
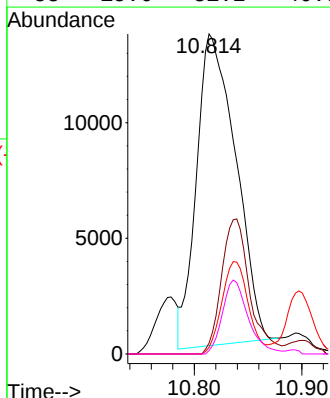
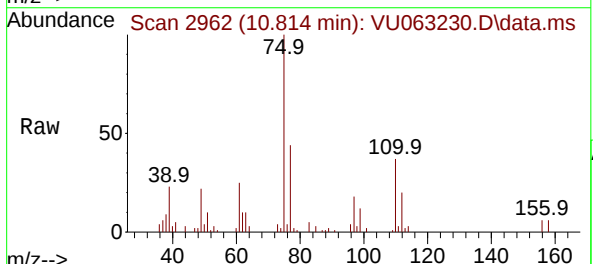
Instrument :
MSVOA_U
ClientSampleId :

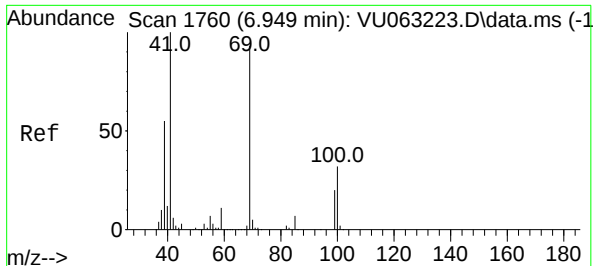
Tgt Ion: 43 Resp: 89316
Ion Ratio Lower Upper
43 100
58 41.3 20.8 62.5
85 18.1 14.8 22.2



#46
t-1,4-Dichloro-2-butene
Concen: 7.659 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.013 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion: 75 Resp: 34070
Ion Ratio Lower Upper
75 100
53 31.2 64.5 96.7#
89 20.2 43.4 65.2#
88 15.6 31.2 46.8#





#47

Methyl methacrylate

Concen: 3.639 ug/l

RT: 6.955 min Scan# 1

Delta R.T. 0.006 min

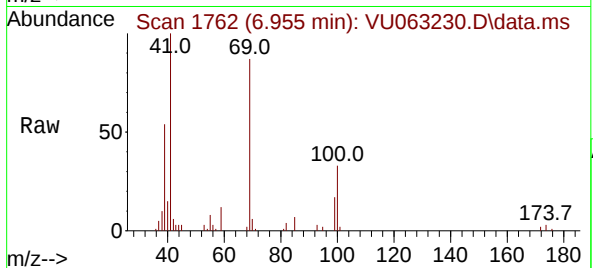
Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 27667

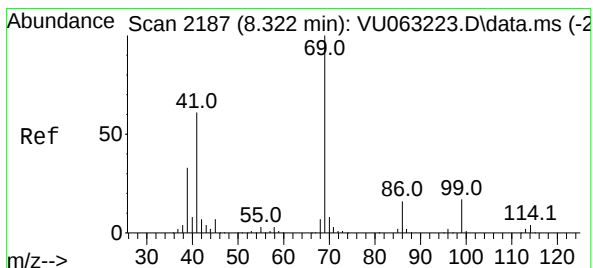
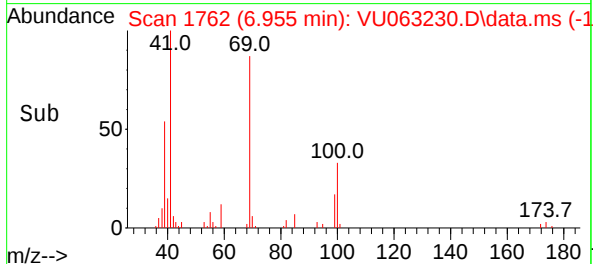
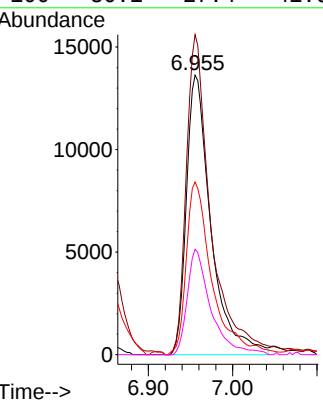
Ion Ratio Lower Upper

69 100

41 114.8 0.0 217.0

39 64.7 47.7 71.5

100 36.1 27.4 41.0



#48

Ethyl methacrylate

Concen: 1.839 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VU063230.D

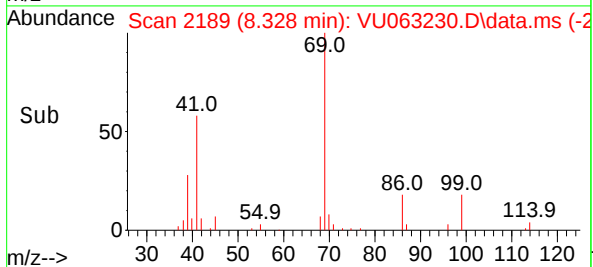
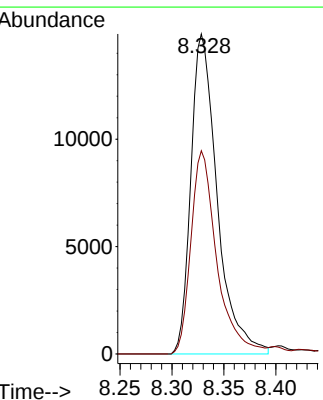
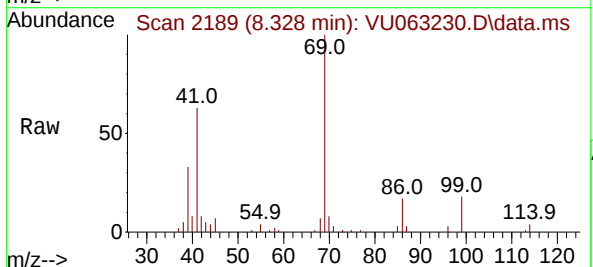
Acq: 11 Feb 2025 12:07

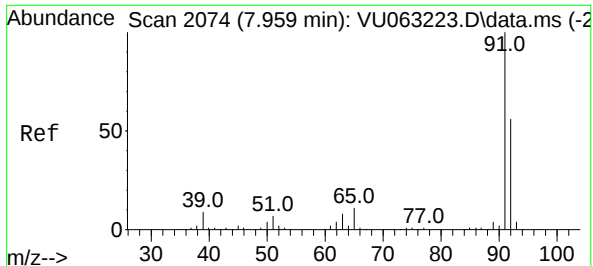
Tgt Ion: 69 Resp: 26252

Ion Ratio Lower Upper

69 100

41 62.4 30.6 92.0





#49

Toluene

Concen: 1.995 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

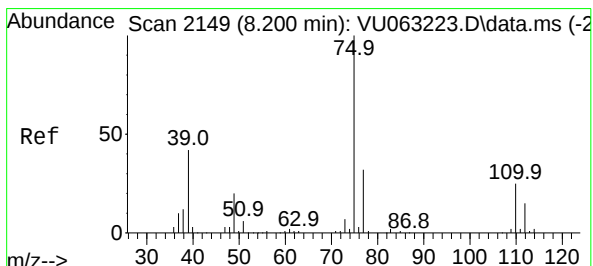
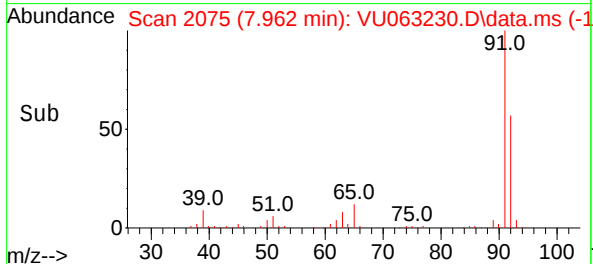
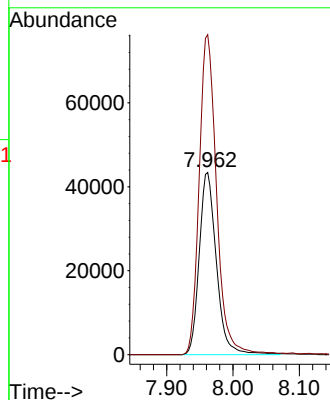
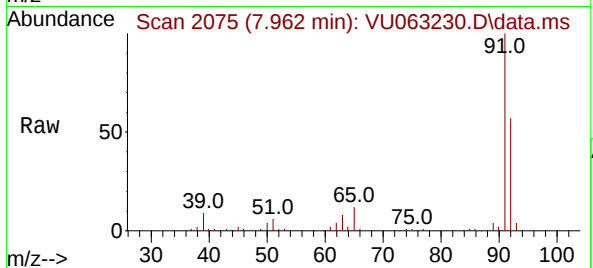
ClientSampleId :

Tgt Ion: 92 Resp: 78140

Ion Ratio Lower Upper

92 100

91 178.2 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 1.976 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU063230.D

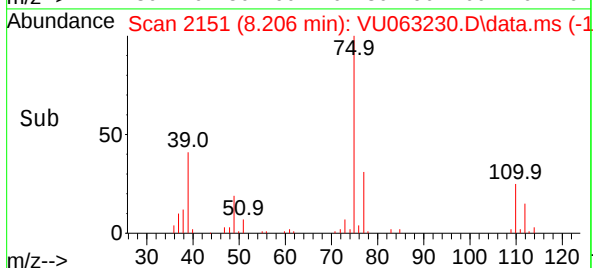
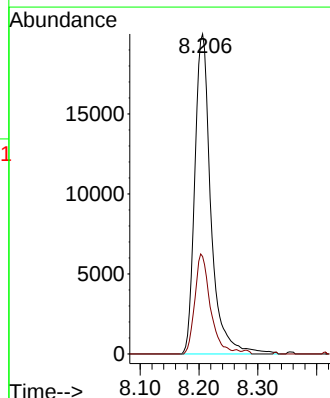
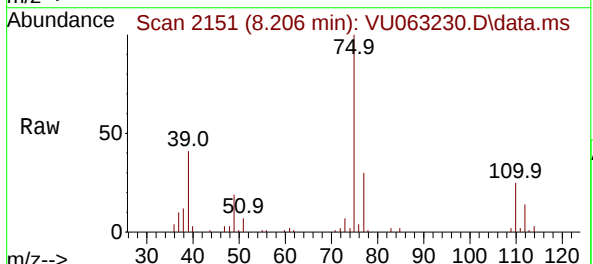
Acq: 11 Feb 2025 12:07

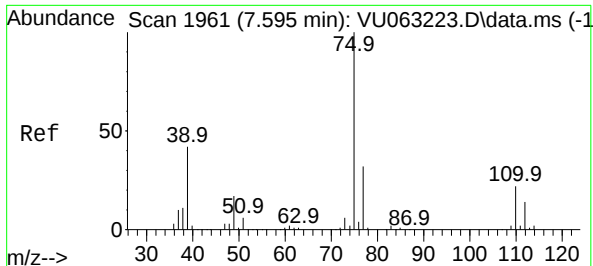
Tgt Ion: 75 Resp: 37997

Ion Ratio Lower Upper

75 100

77 30.4 25.9 38.9





#51

cis-1,3-Dichloropropene

Concen: 1.953 ug/l

RT: 7.598 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU063230.D

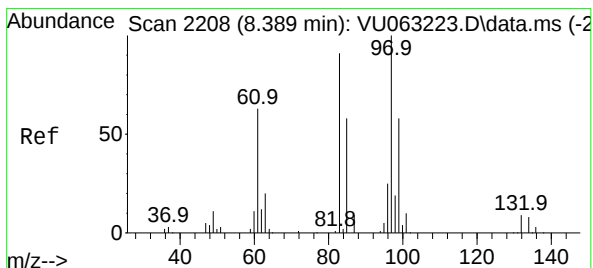
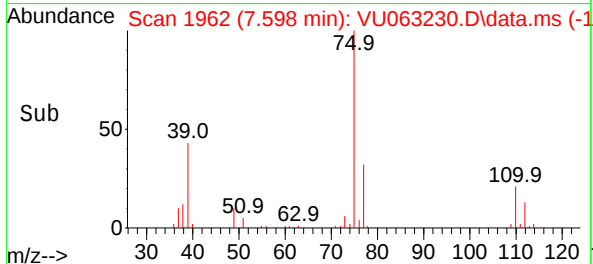
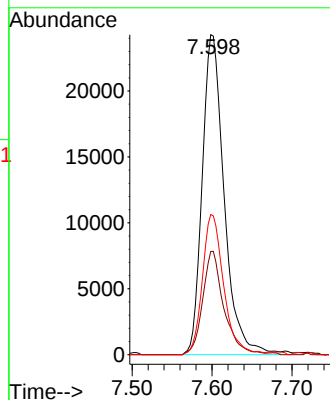
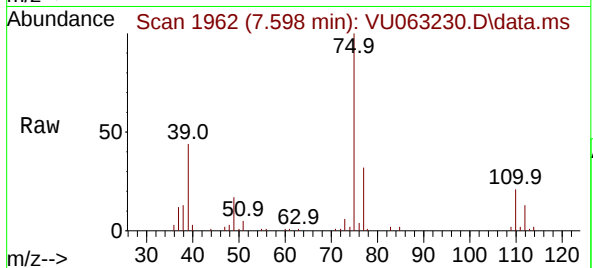
Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	46394
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.3	37.9
39	43.2	33.5	50.3



#52

1,1,2-Trichloroethane

Concen: 1.941 ug/l

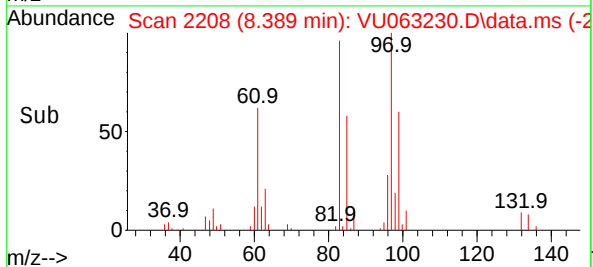
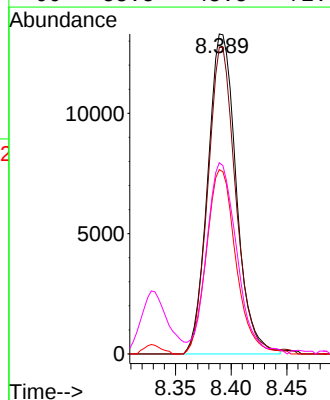
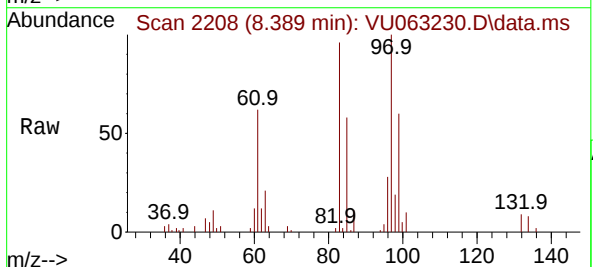
RT: 8.389 min Scan# 2208

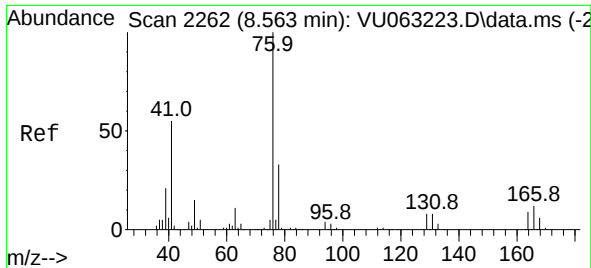
Delta R.T. -0.000 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Tgt Ion:	97	Resp:	23627
Ion	Ratio	Lower	Upper
97	100		
83	95.7	73.0	109.4
85	57.6	46.3	69.5
99	58.5	48.5	72.7





#53

1,3-Dichloropropane

Concen: 1.938 ug/l

RT: 8.566 min Scan# 2262

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

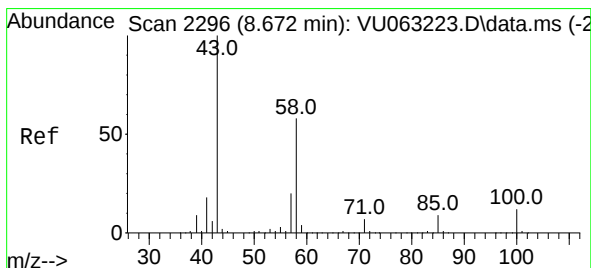
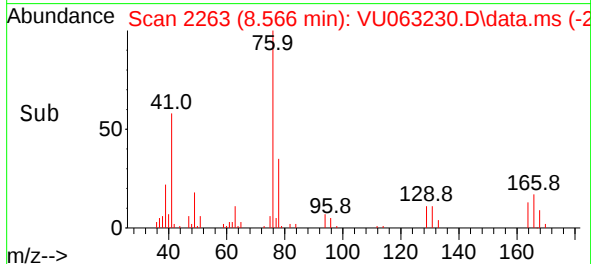
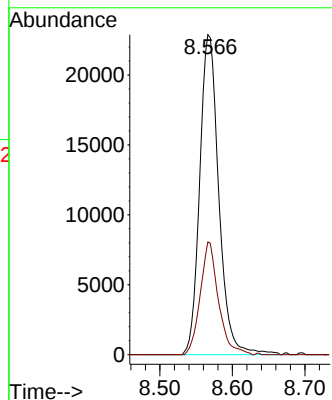
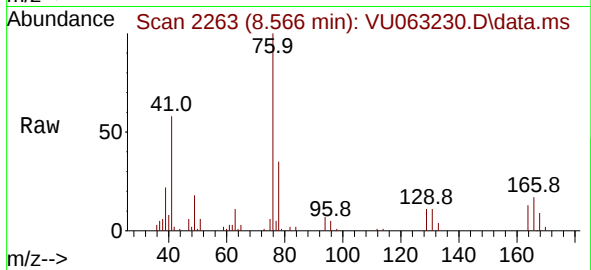
ClientSampleId :

Tgt Ion: 76 Resp: 41879

Ion Ratio Lower Upper

76 100

78 33.6 26.3 39.5



#54

2-Hexanone

Concen: 9.113 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.009 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

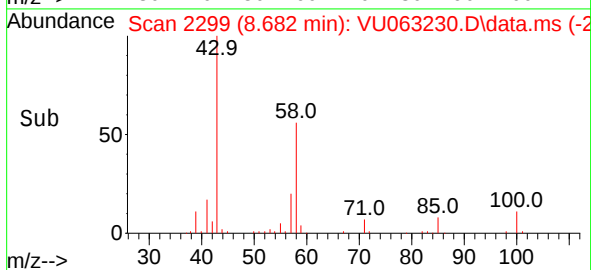
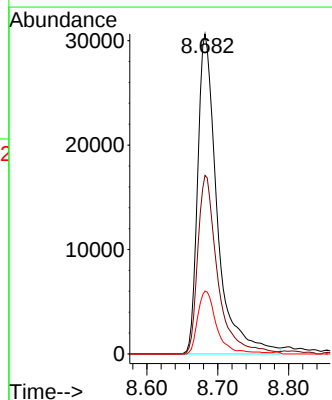
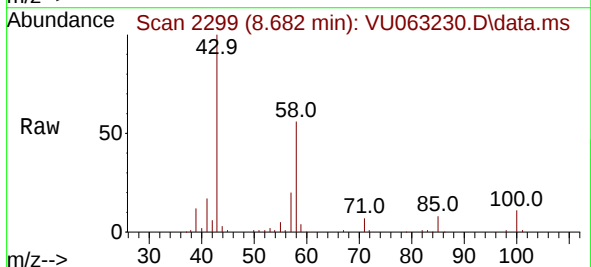
Tgt Ion: 43 Resp: 58847

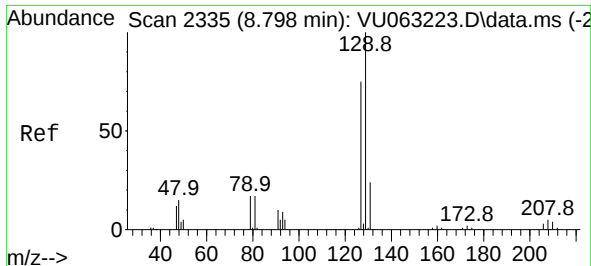
Ion Ratio Lower Upper

43 100

58 56.5 38.0 78.0

57 19.2 0.0 39.1





#55

Dibromochloromethane

Concen: 1.954 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

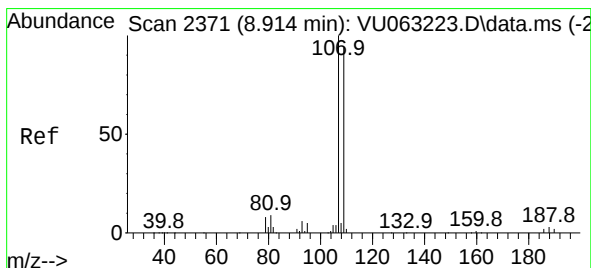
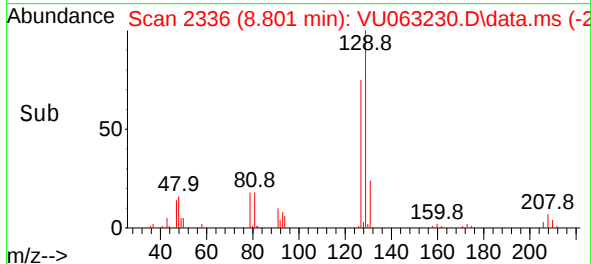
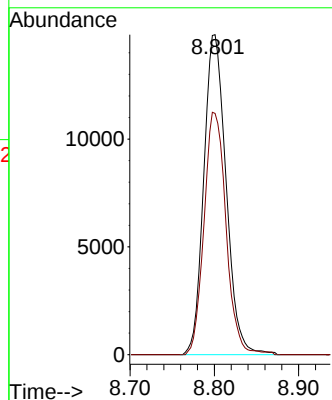
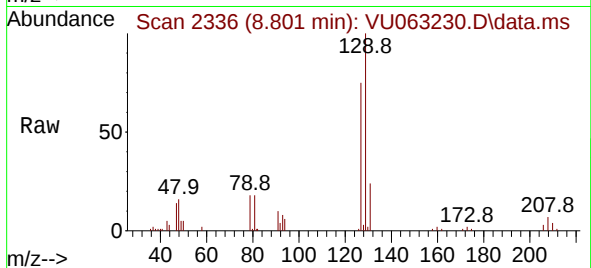
ClientSampleId :

Tgt Ion:129 Resp: 27354

Ion Ratio Lower Upper

129 100

127 74.5 60.4 90.6



#56

1,2-Dibromoethane

Concen: 1.930 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. 0.003 min

Lab File: VU063230.D

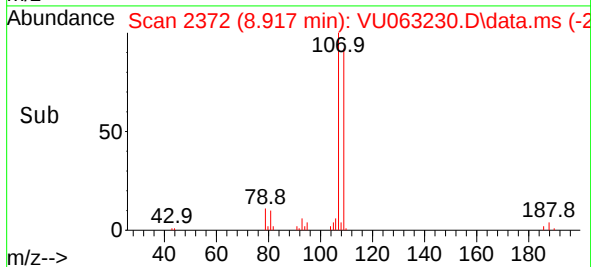
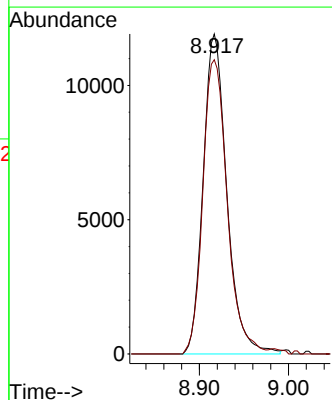
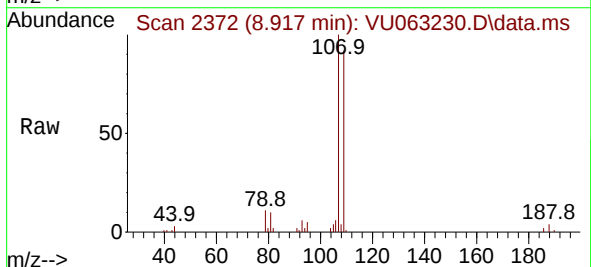
Acq: 11 Feb 2025 12:07

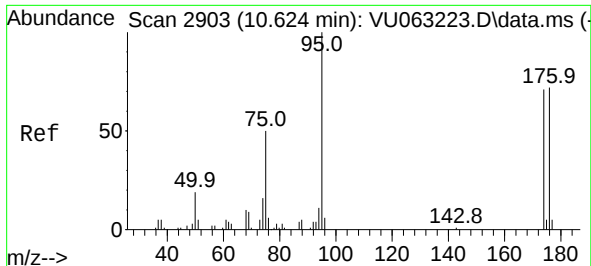
Tgt Ion:107 Resp: 22029

Ion Ratio Lower Upper

107 100

109 94.8 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.981 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

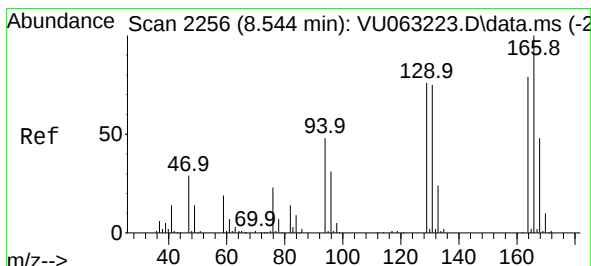
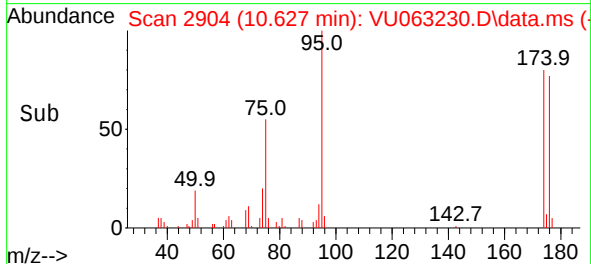
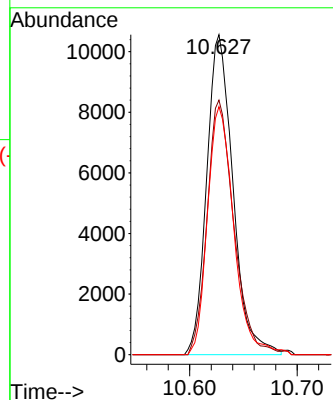
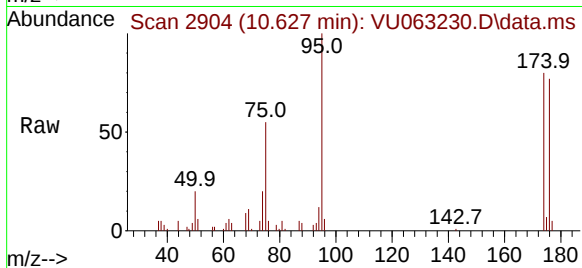
Tgt Ion: 95 Resp: 17934

Ion Ratio Lower Upper

95 100

174 80.9 58.6 88.0

176 77.4 58.2 87.4



#58

Tetrachloroethene

Concen: 2.043 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Tgt Ion: 164 Resp: 27268

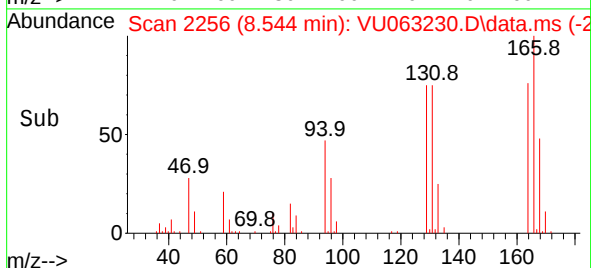
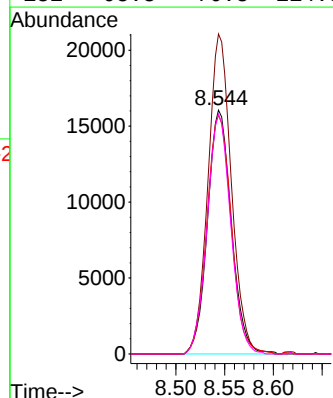
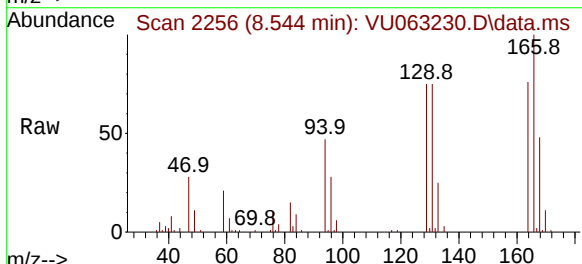
Ion Ratio Lower Upper

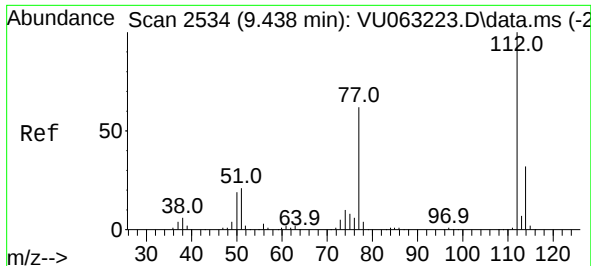
164 100

166 131.2 101.4 152.0

129 98.0 77.0 115.4

131 98.3 76.3 114.5





#59

Chlorobenzene

Concen: 1.965 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

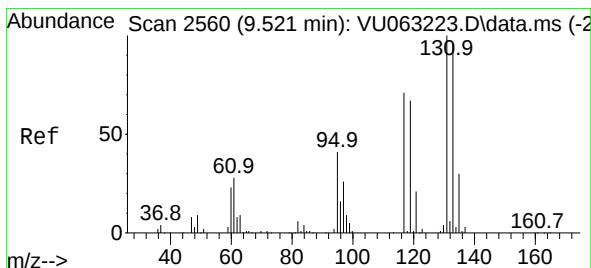
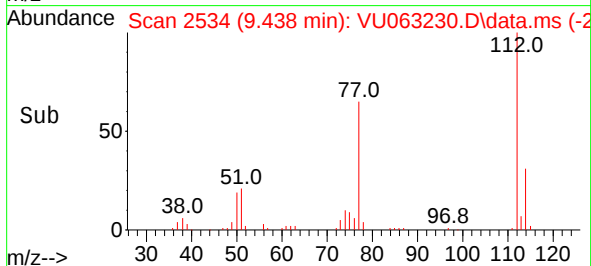
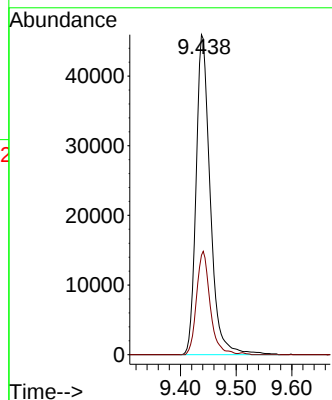
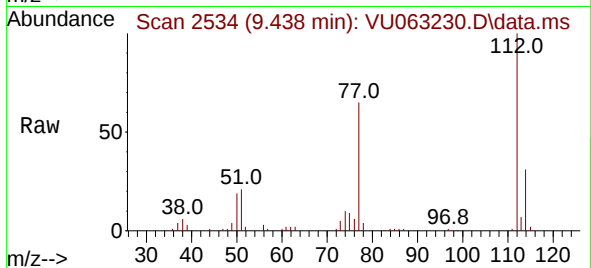
ClientSampleId :

Tgt Ion:112 Resp: 81191

Ion Ratio Lower Upper

112 100

114 31.1 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 1.943 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

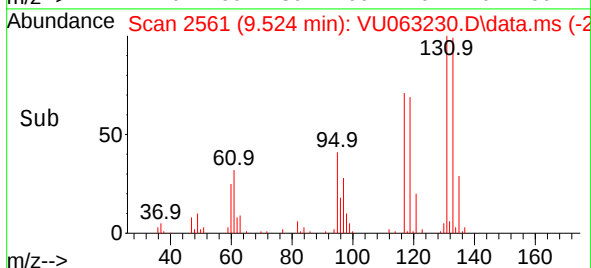
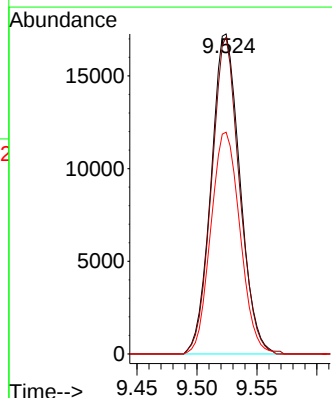
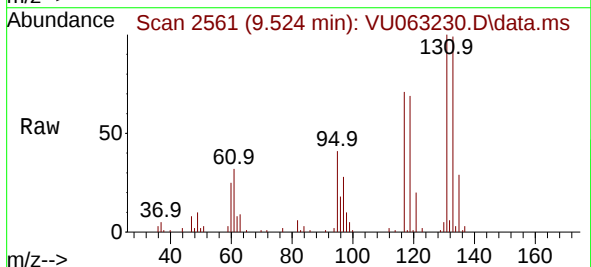
Tgt Ion:131 Resp: 28863

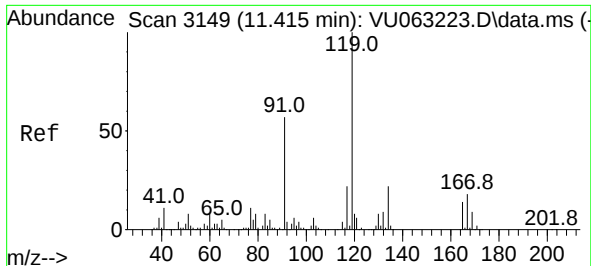
Ion Ratio Lower Upper

131 100

133 95.8 76.7 115.1

119 70.0 54.4 81.6

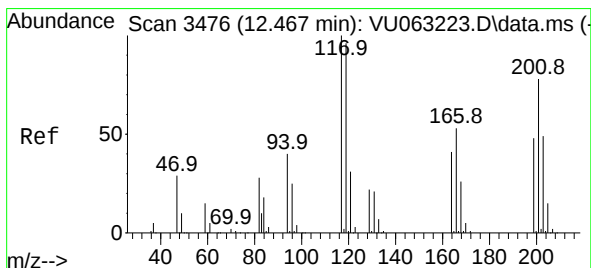
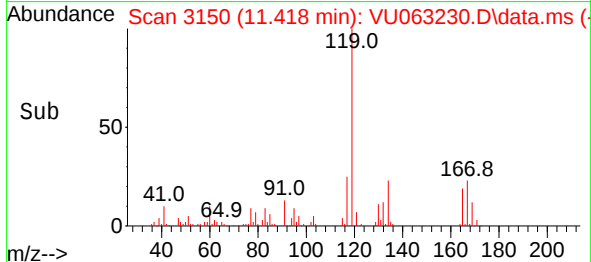
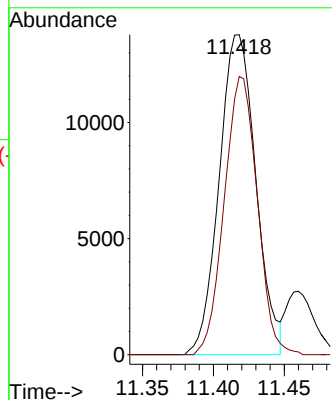
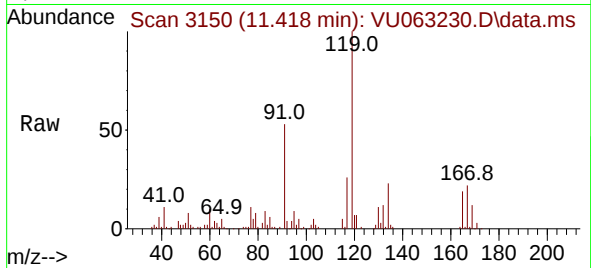




#61
Pentachloroethane
Concen: 1.875 ug/l
RT: 11.418 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

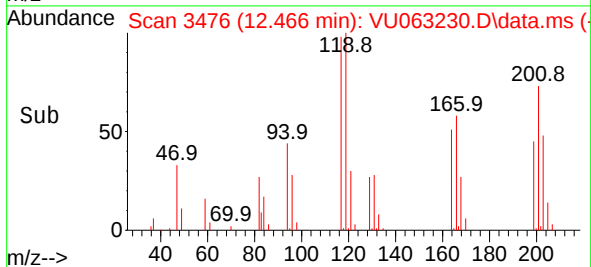
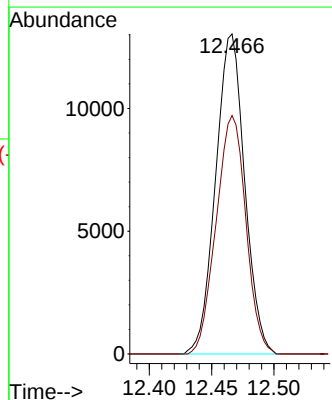
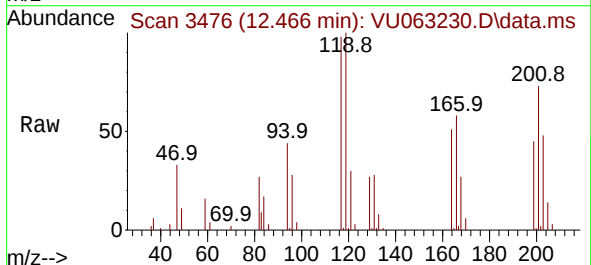
Instrument :
MSVOA_U
ClientSampleId :

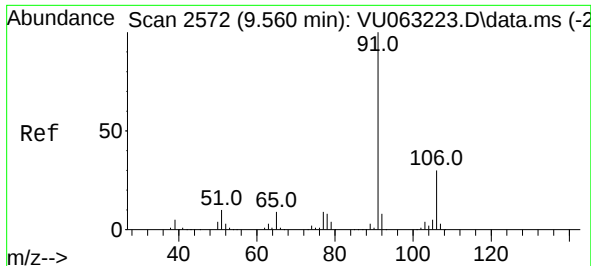
Tgt Ion:117 Resp: 24877
Ion Ratio Lower Upper
117 100
167 78.1 65.0 97.6



#62
Hexachloroethane
Concen: 1.805 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion:117 Resp: 21187
Ion Ratio Lower Upper
117 100
201 76.1 61.3 91.9





#63

Ethyl Benzene

Concen: 1.923 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

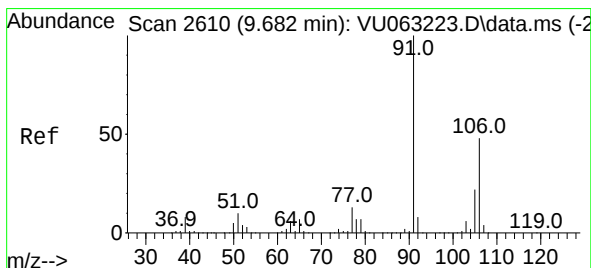
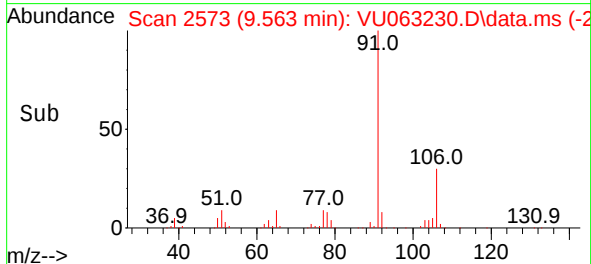
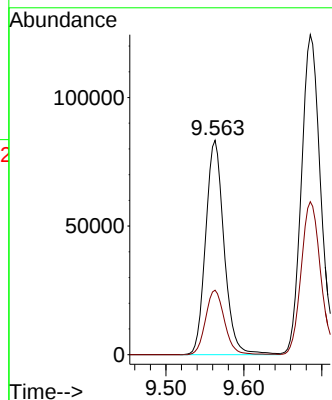
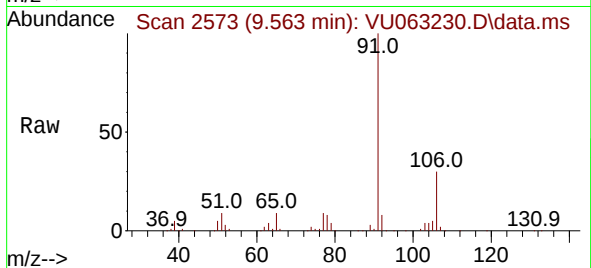
ClientSampleId :

Tgt Ion: 91 Resp: 137062

Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.2



#64

m/p-Xylenes

Concen: 3.922 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063230.D

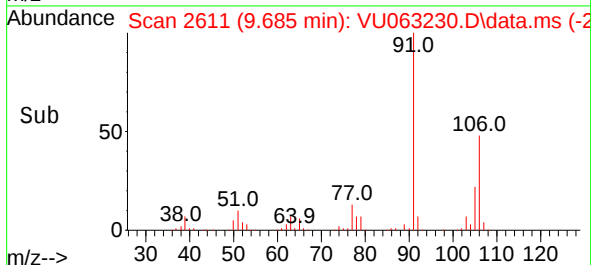
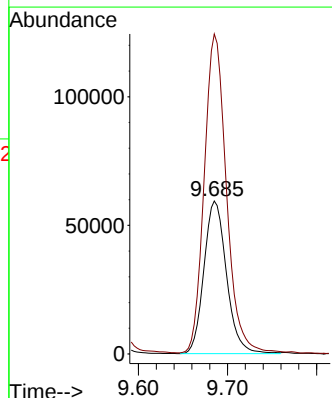
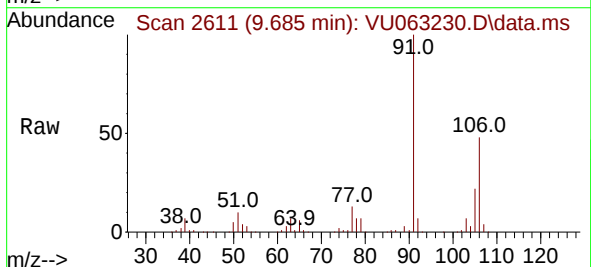
Acq: 11 Feb 2025 12:07

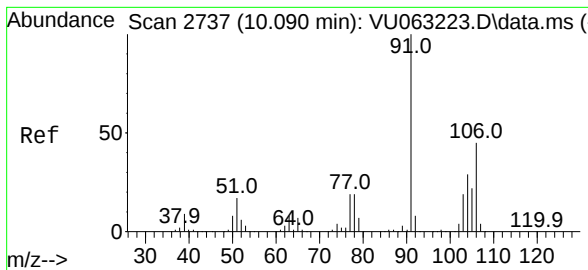
Tgt Ion: 106 Resp: 104430

Ion Ratio Lower Upper

106 100

91 204.7 166.9 250.3

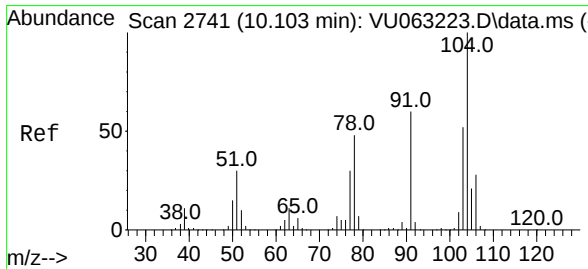
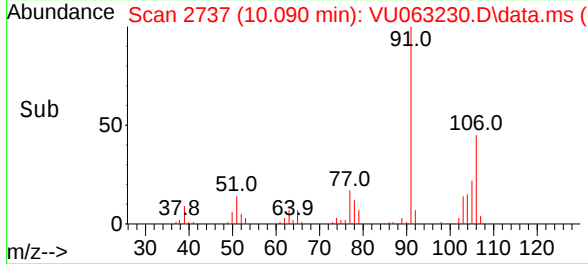
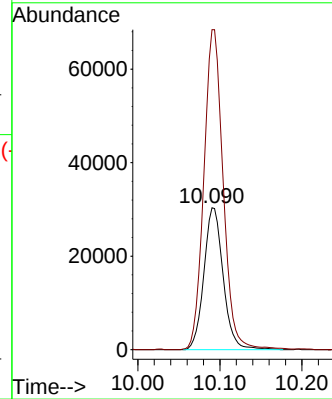
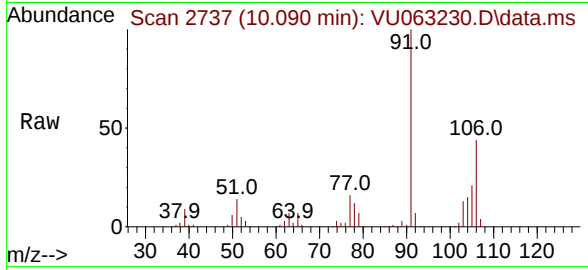




#65
o-Xylene
Concen: 1.904 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

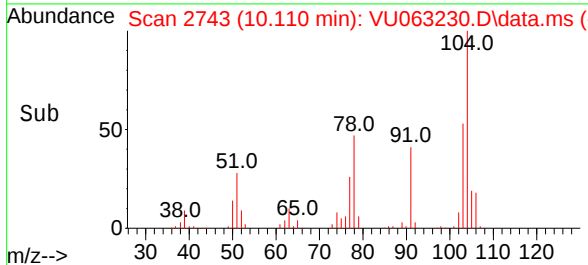
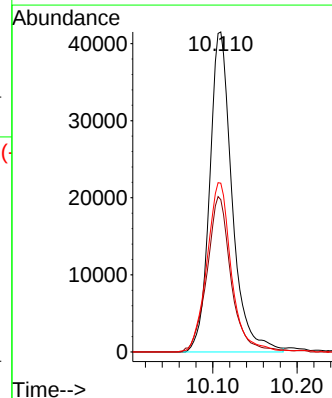
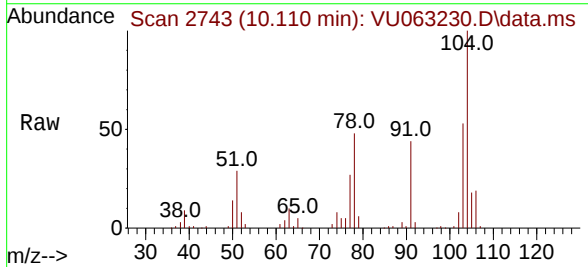
Instrument :
MSVOA_U
ClientSampleId :

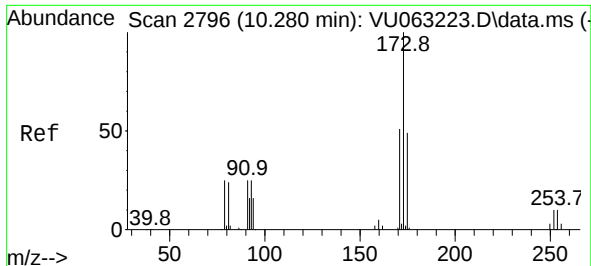
Tgt Ion:106 Resp: 49629
Ion Ratio Lower Upper
106 100
91 226.3 110.9 332.9



#66
Styrene
Concen: 1.858 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.006 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion:104 Resp: 77051
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 57.8 44.8 67.2

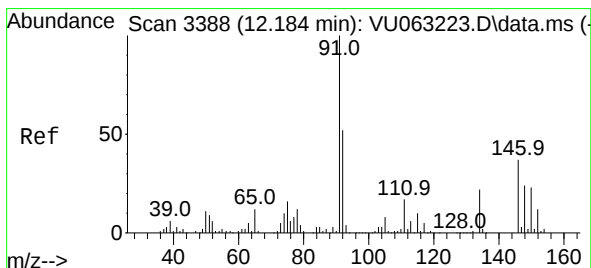
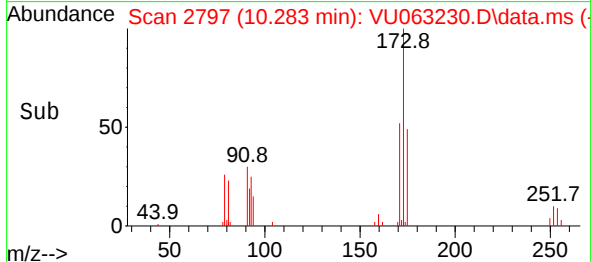
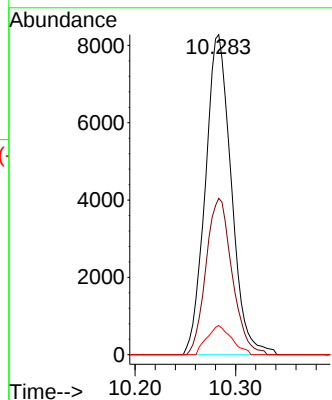
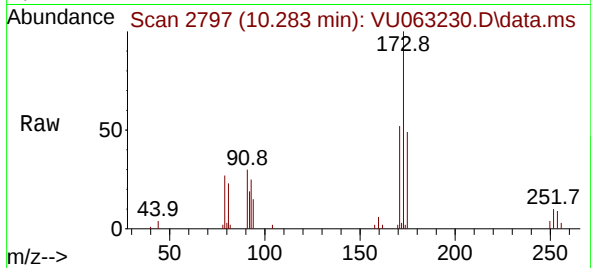




#67
Bromoform
Concen: 1.868 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

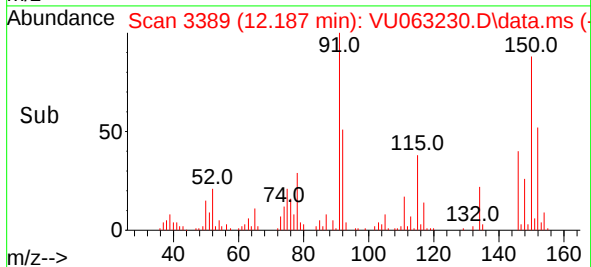
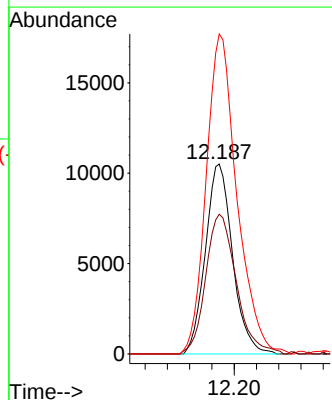
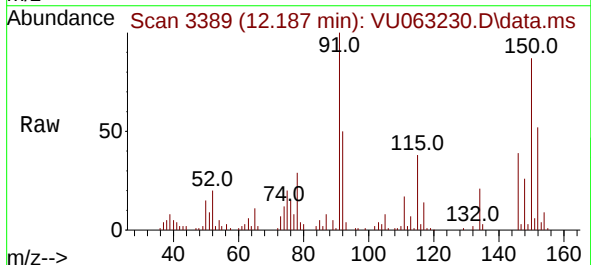
Instrument :
MSVOA_U
ClientSampleId :

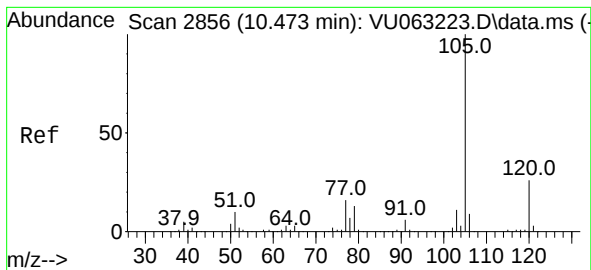
Tgt Ion:173 Resp: 14840
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
254 8.6 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 0.936 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion:152 Resp: 17795
Ion Ratio Lower Upper
152 100
115 82.7 0.0 275.2
150 190.1 0.0 658.4





#69

Isopropylbenzene

Concen: 1.948 ug/l

RT: 10.476 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

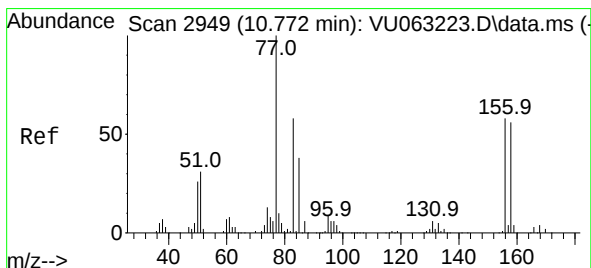
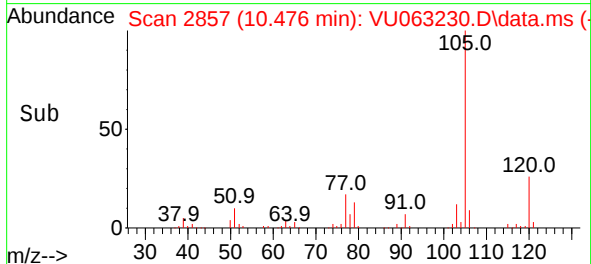
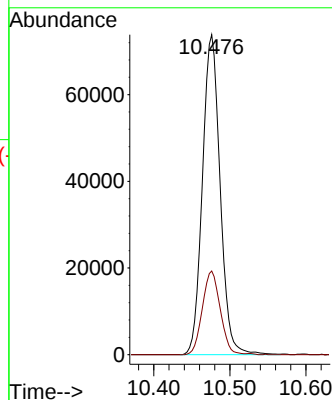
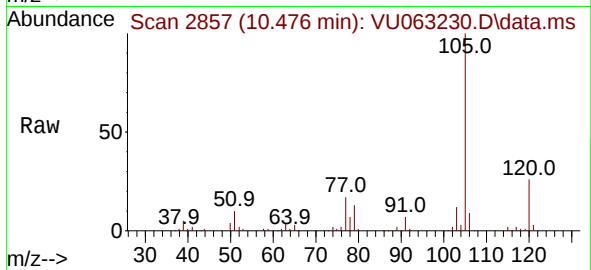
ClientSampleId :

Tgt Ion:105 Resp: 119341

Ion Ratio Lower Upper

105 100

120 26.3 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 1.864 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

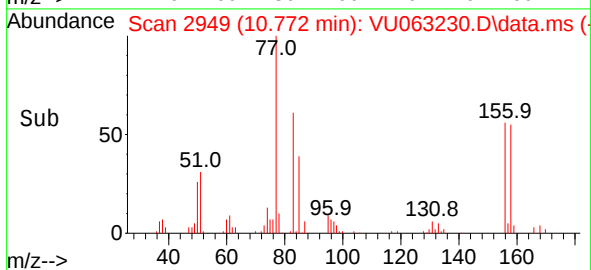
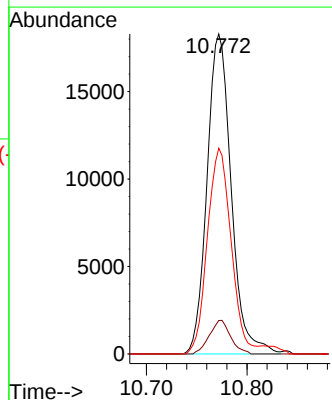
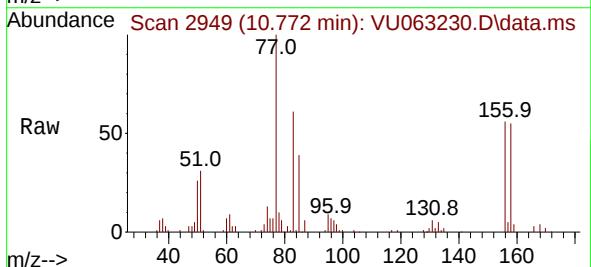
Tgt Ion: 83 Resp: 30580

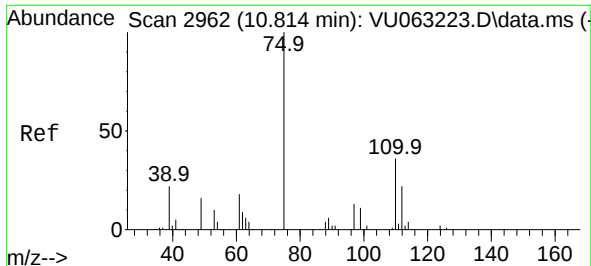
Ion Ratio Lower Upper

83 100

131 9.2 7.4 11.0

85 63.1 51.8 77.8

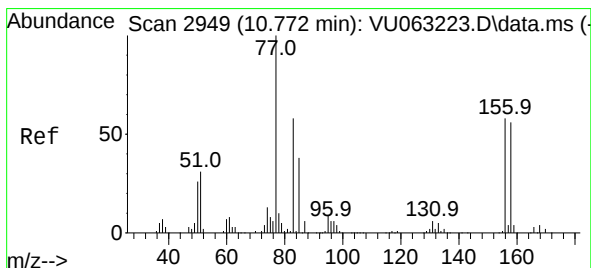
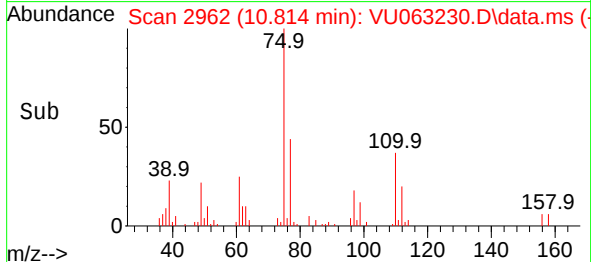
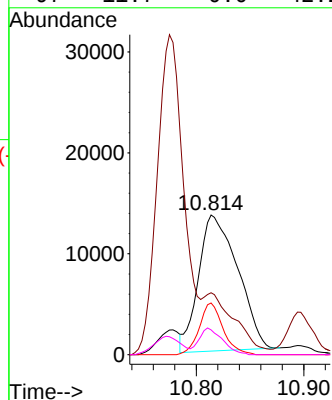
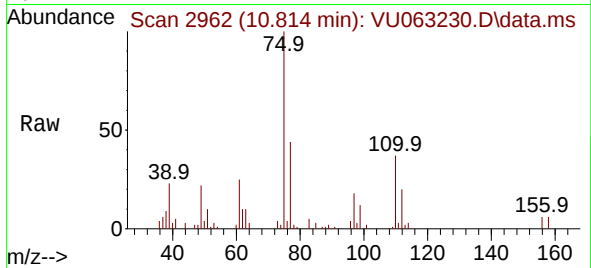




#71
1,2,3-Trichloropropane
Concen: 2.765 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

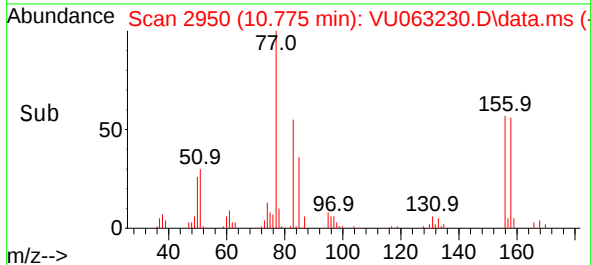
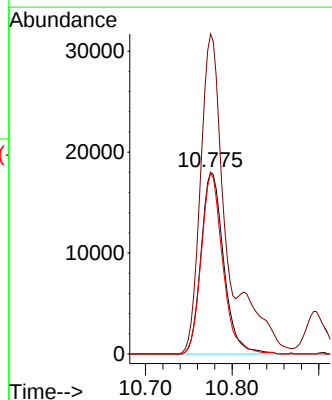
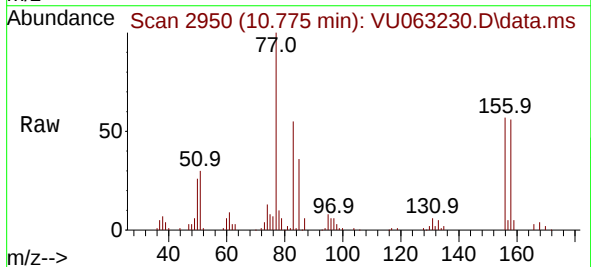
Instrument :
MSVOA_U
ClientSampleId :

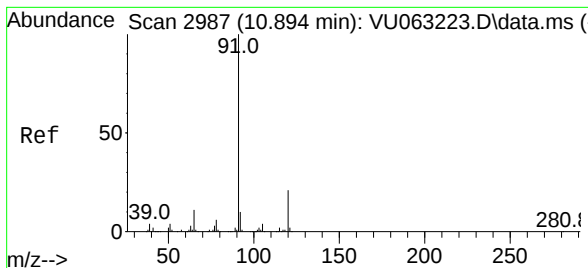
Tgt Ion:	75	Resp:	34070
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	23.1	0.0	77.0
97	11.7	0.0	42.2



#72
Bromobenzene
Concen: 1.969 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion:	156	Resp:	32516
Ion Ratio	Lower	Upper	
156	100		
77	168.7	0.0	343.6
158	94.8	0.0	193.0





#73

n-propylbenzene

Concen: 1.951 ug/l

RT: 10.897 min Scan# 2987

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

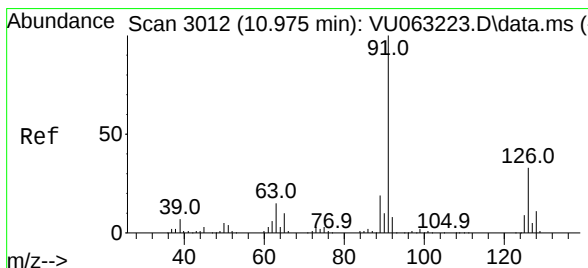
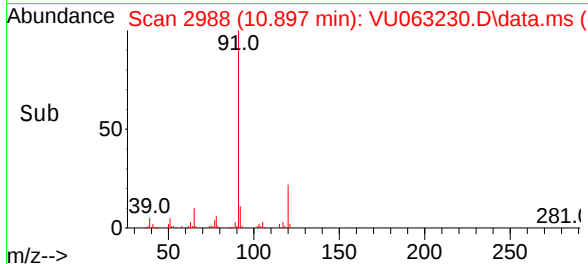
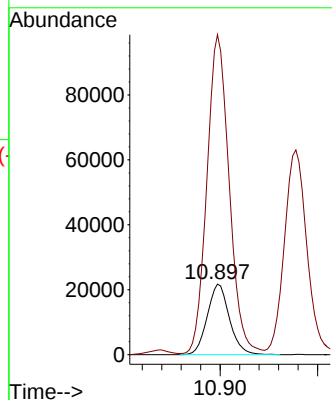
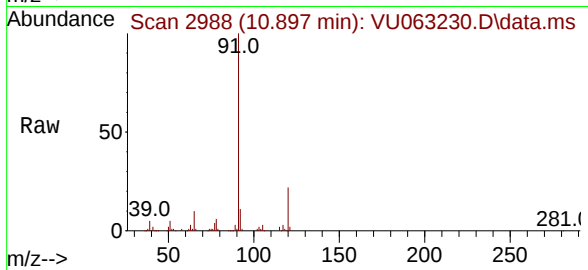
ClientSampleId :

Tgt Ion:120 Resp: 34231

Ion Ratio Lower Upper

120 100

91 454.5 369.8 554.6



#74

2-Chlorotoluene

Concen: 2.025 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.003 min

Lab File: VU063230.D

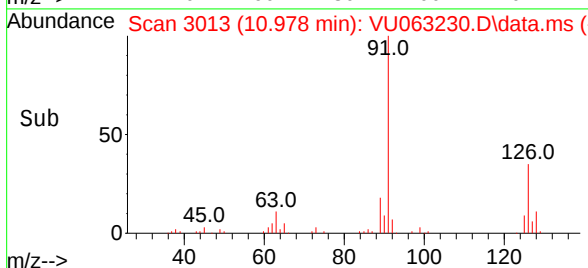
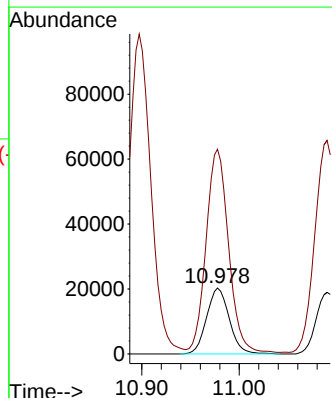
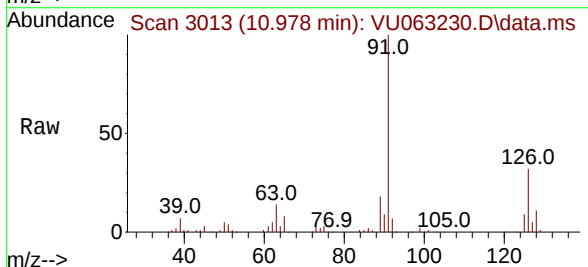
Acq: 11 Feb 2025 12:07

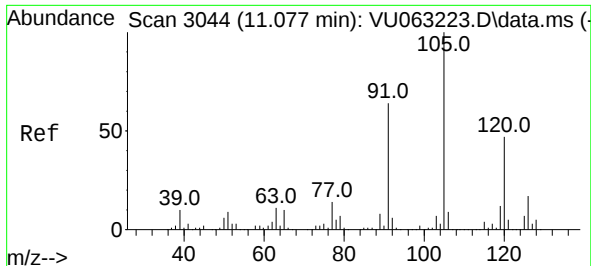
Tgt Ion:126 Resp: 32733

Ion Ratio Lower Upper

126 100

91 307.0 0.0 623.8

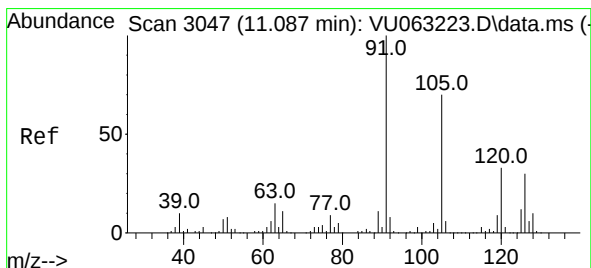
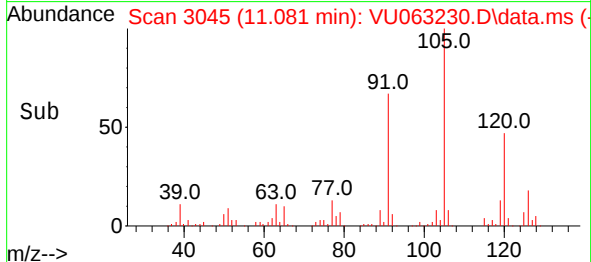
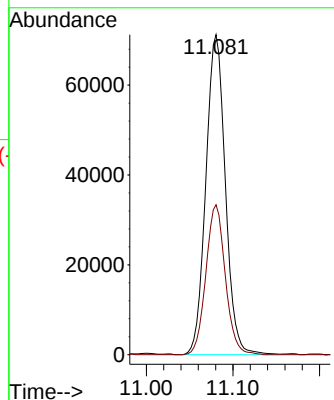
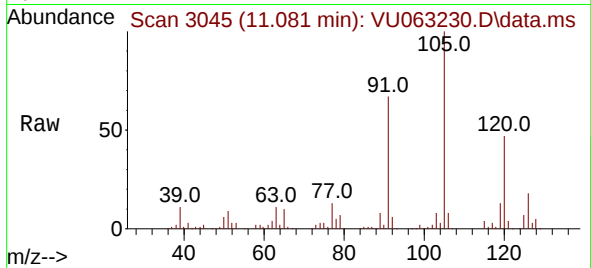




#75
1,3,5-Trimethylbenzene
Concen: 1.963 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

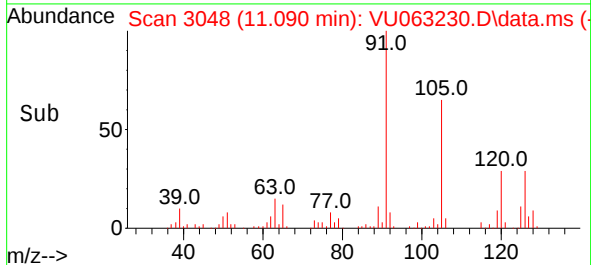
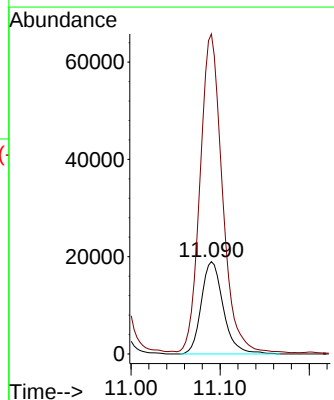
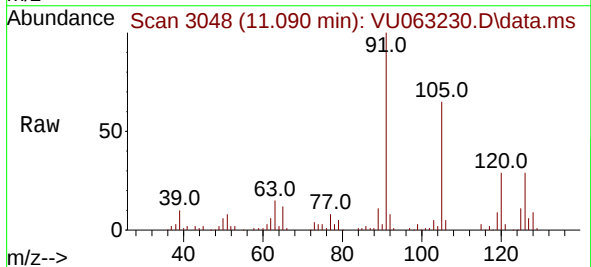
Instrument :
MSVOA_U
ClientSampleId :

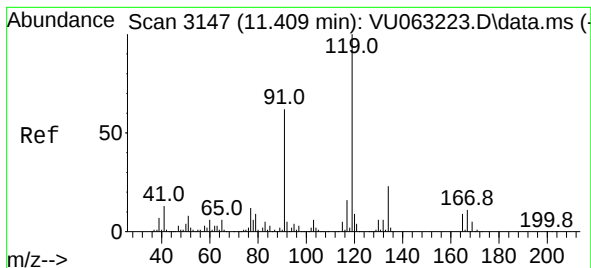
Tgt Ion:105 Resp: 111469
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9



#76
4-Chlorotoluene
Concen: 1.960 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion:126 Resp: 32504
Ion Ratio Lower Upper
126 100
91 350.2 0.0 703.6





#77

tert-Butylbenzene

Concen: 1.949 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

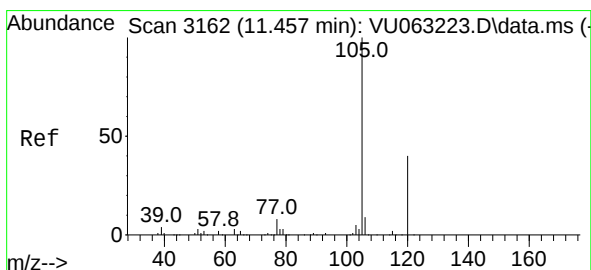
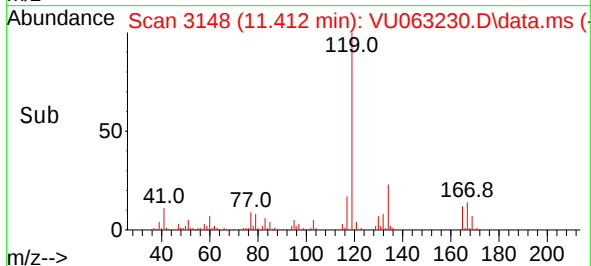
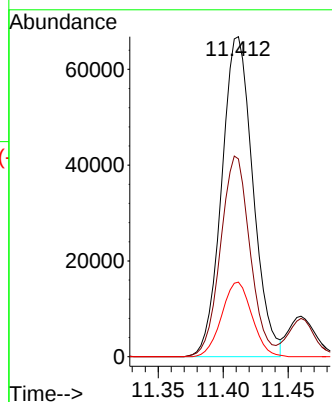
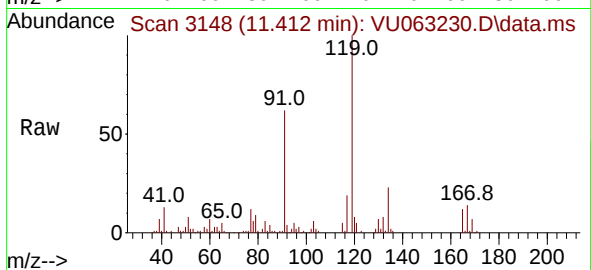
Tgt Ion:119 Resp: 111932

Ion Ratio Lower Upper

119 100

91 59.2 29.4 88.3

134 22.5 17.6 26.4



#78

1,2,4-Trimethylbenzene

Concen: 1.873 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU063230.D

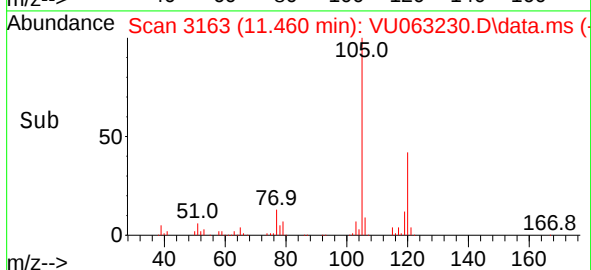
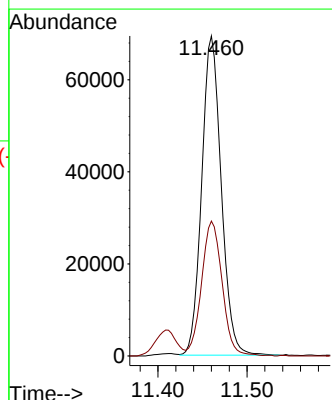
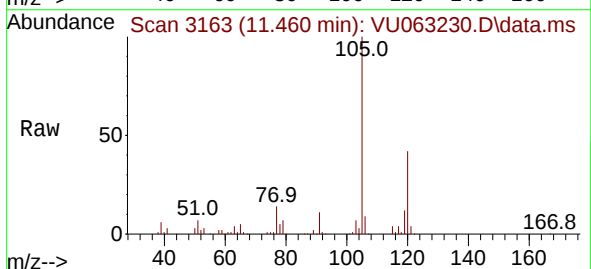
Acq: 11 Feb 2025 12:07

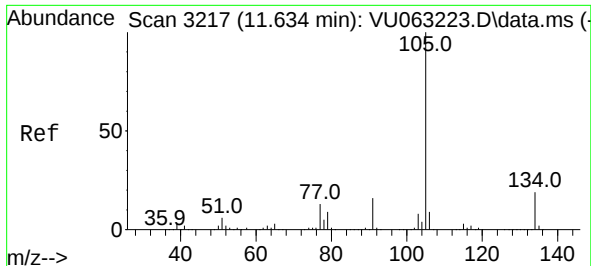
Tgt Ion:105 Resp: 105544

Ion Ratio Lower Upper

105 100

120 44.0 21.9 65.7





#79

sec-Butylbenzene

Concen: 1.963 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

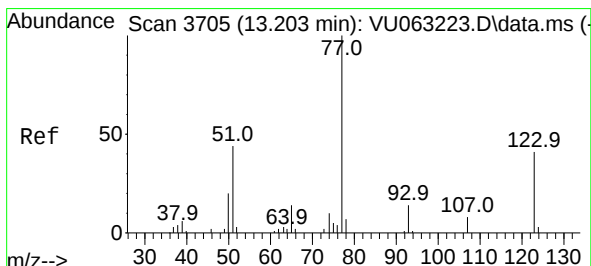
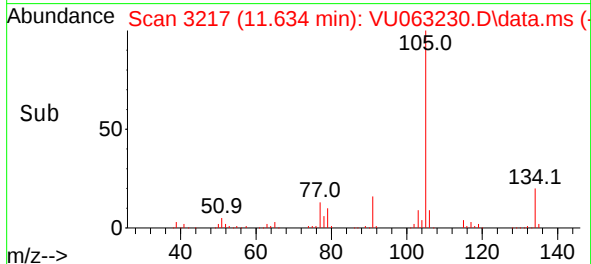
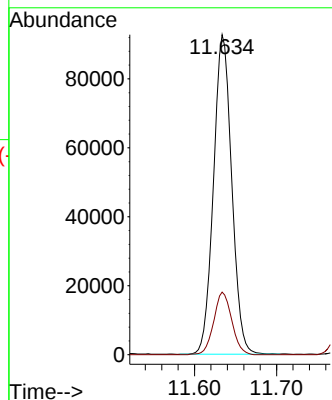
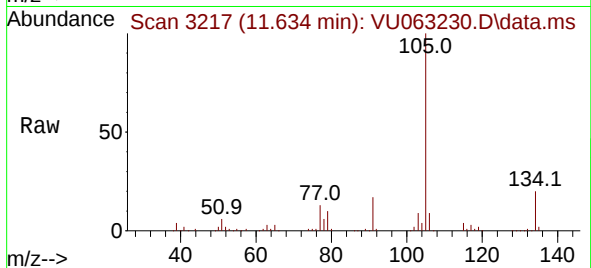
ClientSampleId :

Tgt Ion:105 Resp: 143488

Ion Ratio Lower Upper

105 100

134 19.4 15.1 22.7



#80

Nitrobenzene

Concen: 7.454 ug/l

RT: 13.225 min Scan# 3712

Delta R.T. 0.022 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

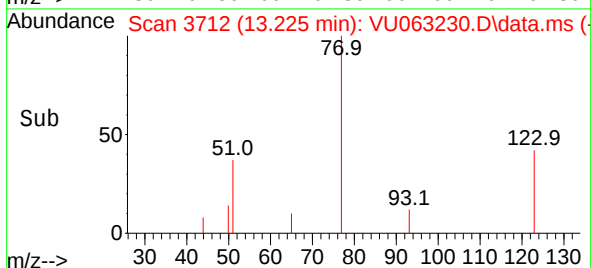
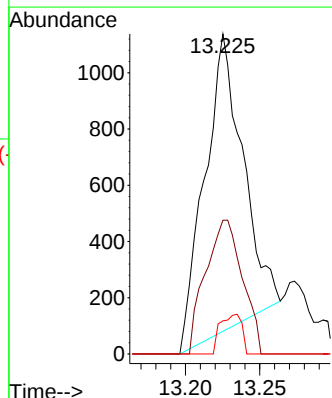
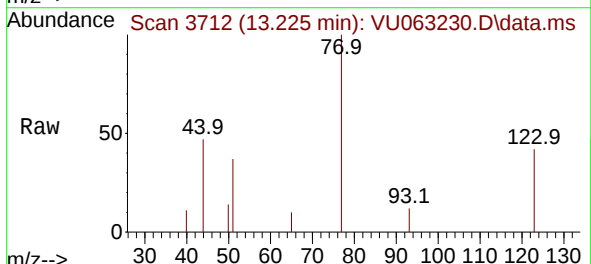
Tgt Ion: 77 Resp: 1902

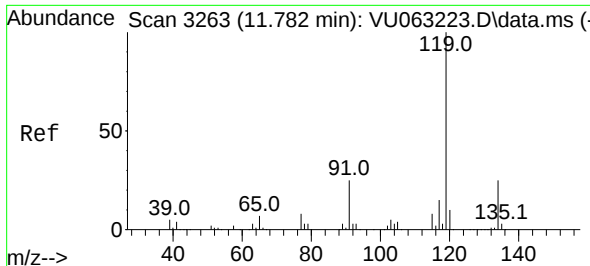
Ion Ratio Lower Upper

77 100

123 43.4 18.9 67.1

65 7.5 11.9 15.1#

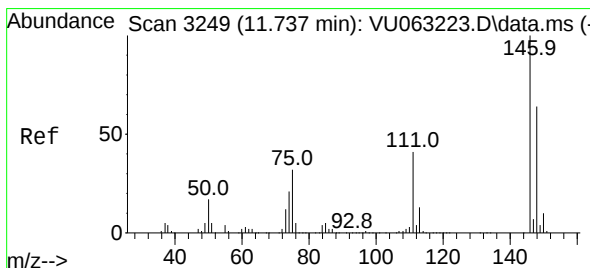
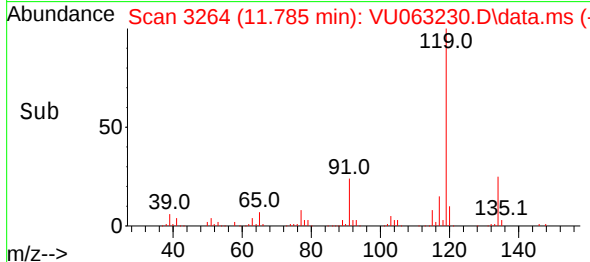
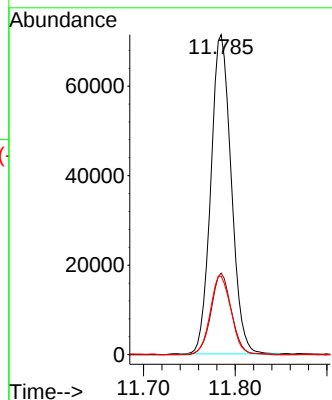
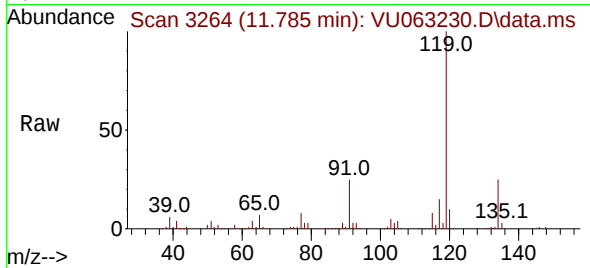




#81
p-Isopropyltoluene
Concen: 1.911 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

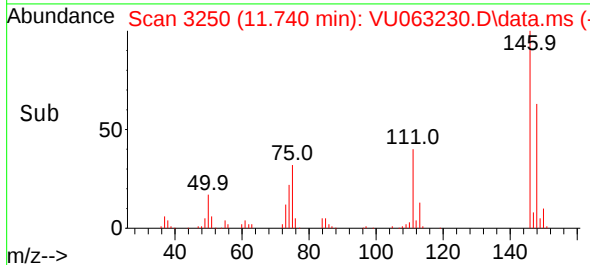
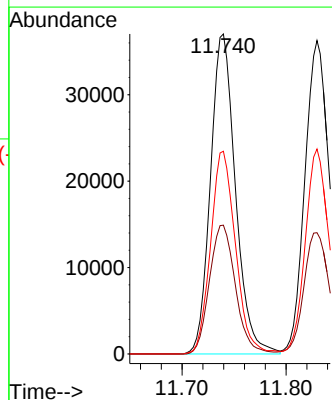
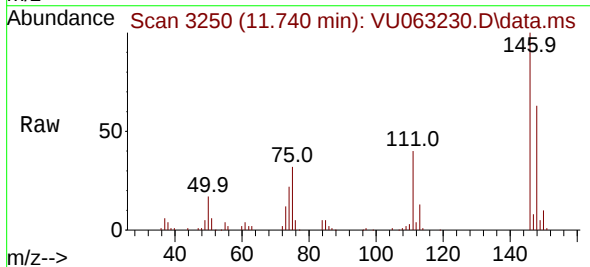
Instrument :
MSVOA_U
ClientSampleId :

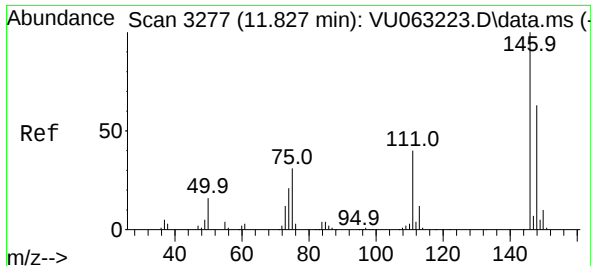
Tgt Ion:119 Resp: 110271
Ion Ratio Lower Upper
119 100
134 25.5 20.3 30.5
91 25.4 19.4 29.2



#82
1,3-Dichlorobenzene
Concen: 1.933 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063230.D
Acq: 11 Feb 2025 12:07

Tgt Ion:146 Resp: 61914
Ion Ratio Lower Upper
146 100
111 41.9 32.8 49.2
148 63.2 51.1 76.7





#83

1,4-Dichlorobenzene

Concen: 1.950 ug/l

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

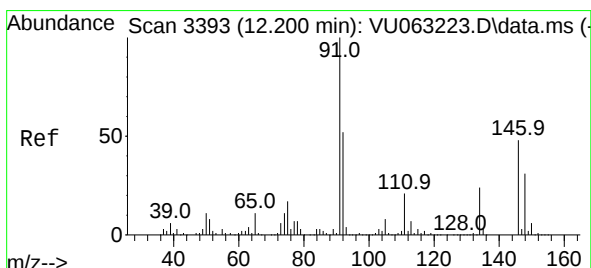
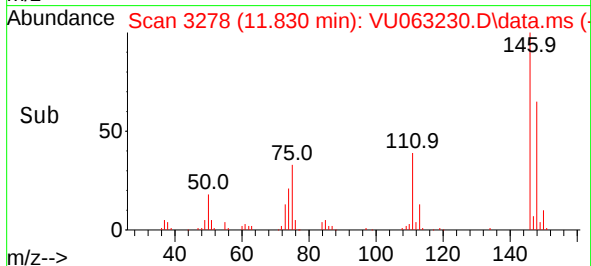
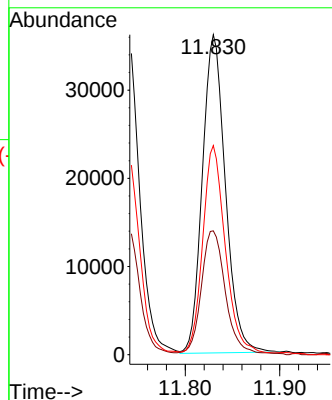
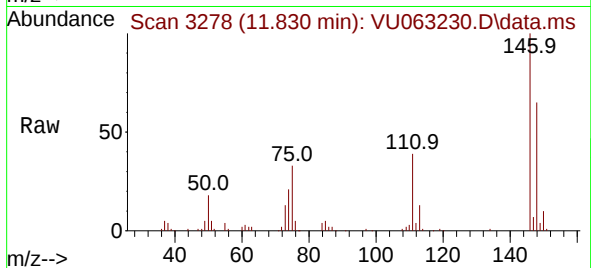
Tgt Ion:146 Resp: 61090

Ion Ratio Lower Upper

146 100

111 41.0 32.1 48.1

148 63.6 50.2 75.4



#84

n-Butylbenzene

Concen: 1.839 ug/l

RT: 12.199 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

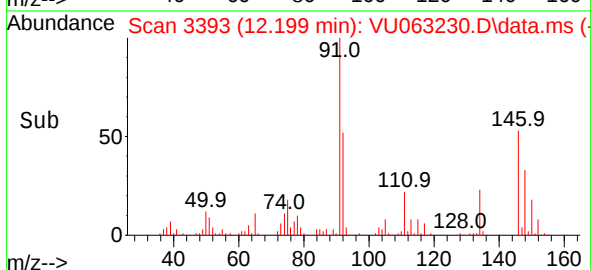
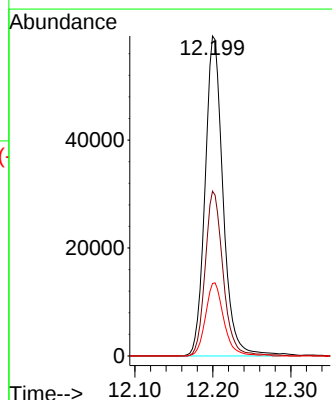
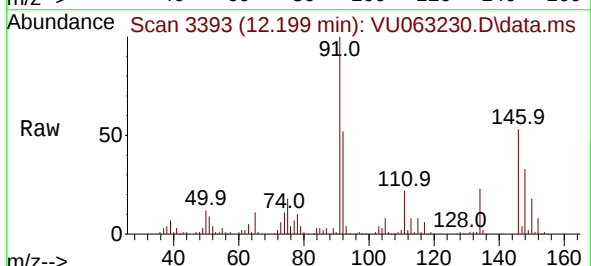
Tgt Ion: 91 Resp: 95124

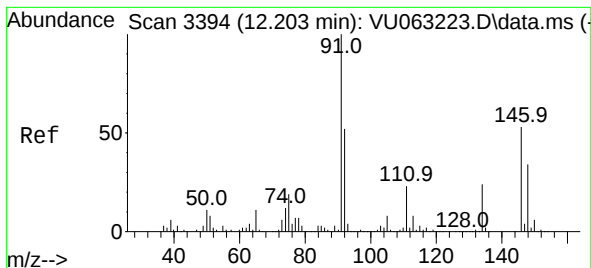
Ion Ratio Lower Upper

91 100

92 51.1 41.8 62.8

134 23.2 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 1.942 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

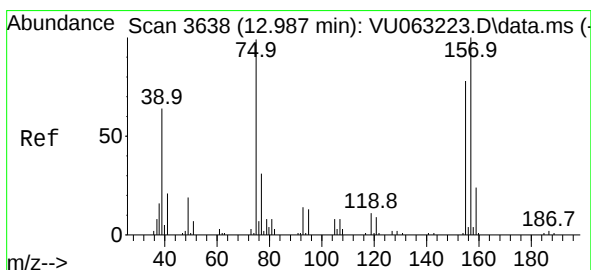
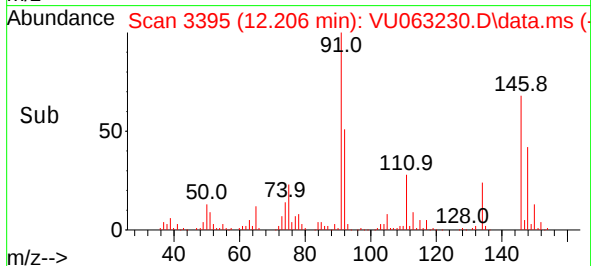
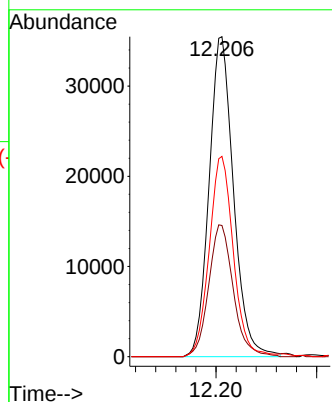
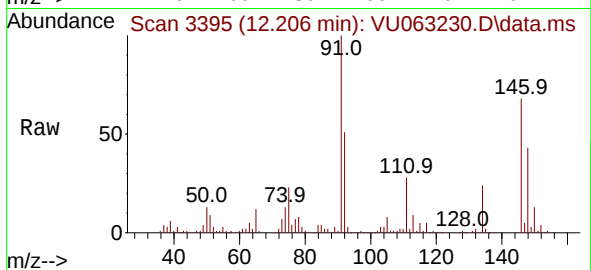
Tgt Ion:146 Resp: 59757

Ion Ratio Lower Upper

146 100

111 41.4 21.9 65.7

148 62.1 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.776 ug/l

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

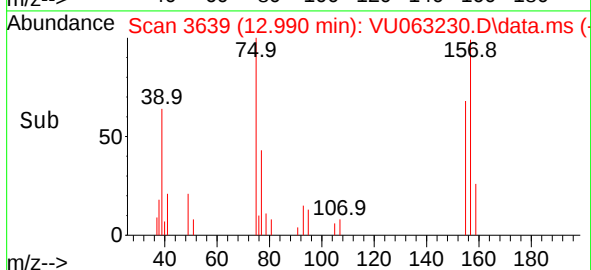
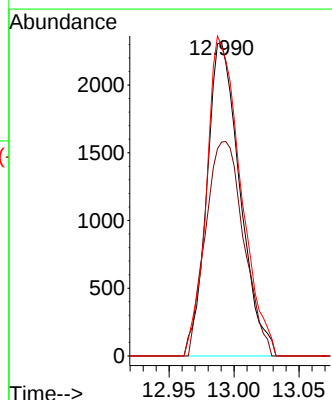
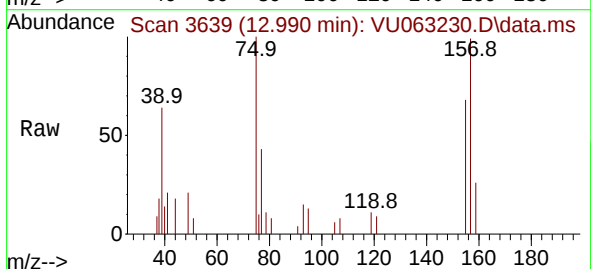
Tgt Ion: 75 Resp: 4088

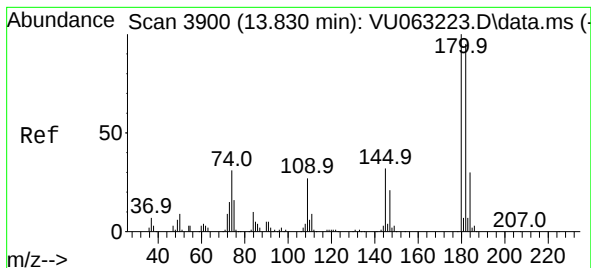
Ion Ratio Lower Upper

75 100

155 78.8 63.5 95.3

157 105.6 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 1.905 ug/l

RT: 13.836 min Scan# 3900

Delta R.T. 0.006 min

Lab File: VU063230.D

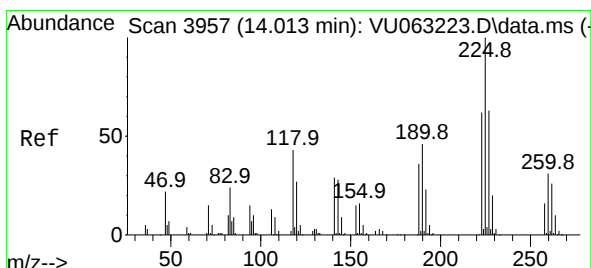
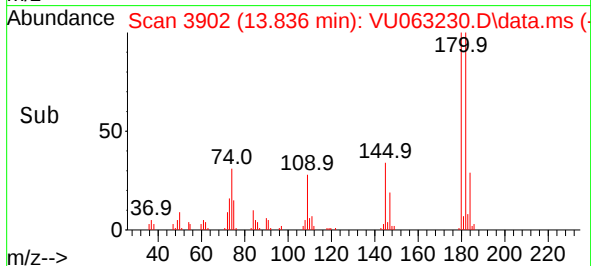
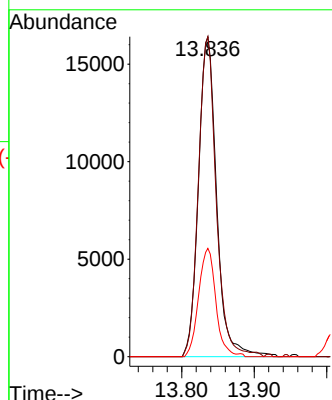
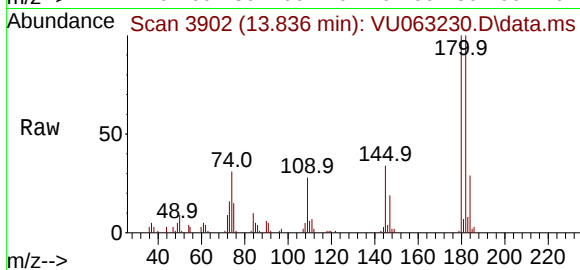
Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	28591
Ion Ratio	Lower	Upper
180	100	
182	97.3	76.6 115.0
145	31.9	25.4 38.2



#88

Hexachlorobutadiene

Concen: 2.041 ug/l

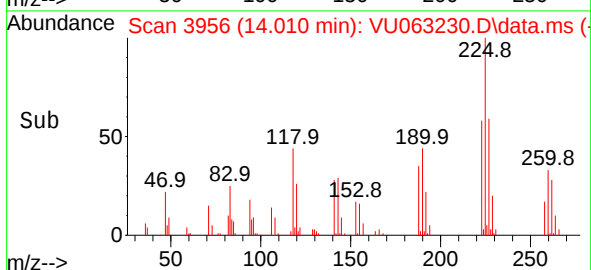
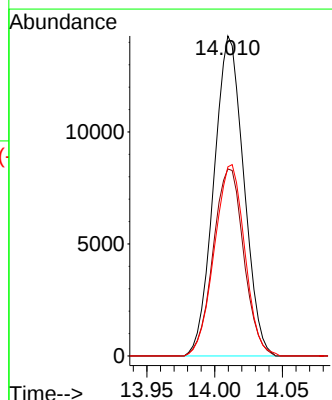
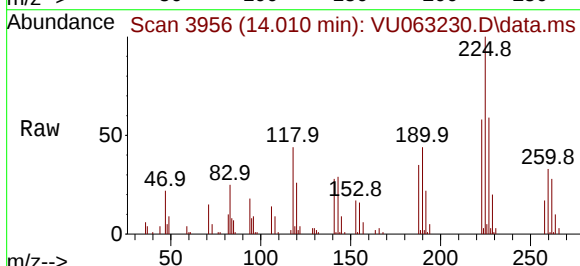
RT: 14.010 min Scan# 3956

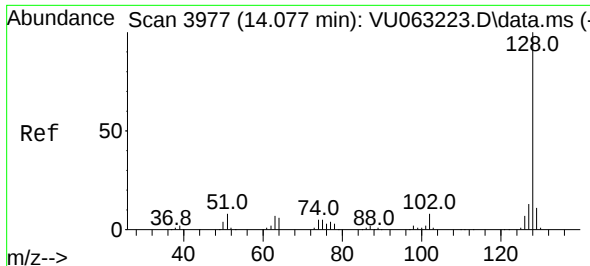
Delta R.T. -0.003 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Tgt Ion:225	Resp:	21893
Ion Ratio	Lower	Upper
225	100	
223	59.9	49.5 74.3
227	60.9	51.0 76.4





#89

Naphthalene

Concen: 1.883 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU063230.D

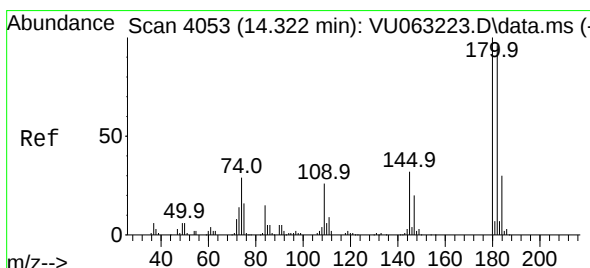
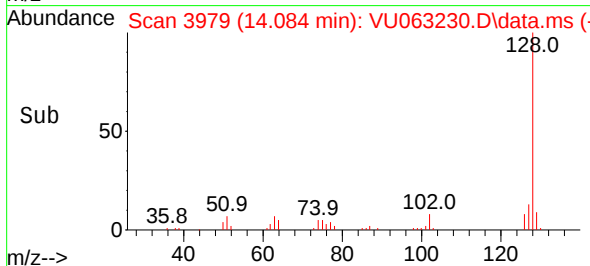
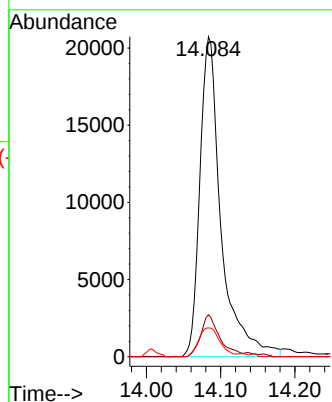
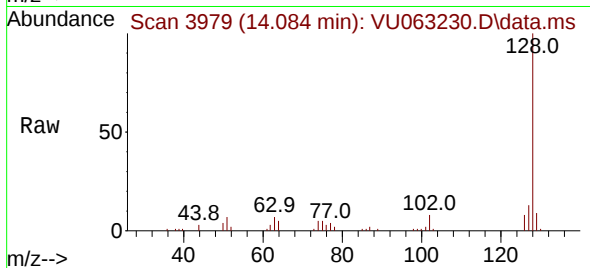
Acq: 11 Feb 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp: 41131
Ion Ratio	Lower Upper
128	100
127	11.7 10.6 16.0
129	9.0 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 1.815 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063230.D

Acq: 11 Feb 2025 12:07

Tgt Ion:180	Resp: 26648
Ion Ratio	Lower Upper
180	100
182	99.1 78.2 117.2
145	33.8 26.1 39.1

