

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063226.D
 Acq On : 10 Feb 2025 18:24
 Operator : MD/SY
 Sample : VU0210WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 04:27:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 04:17:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	56822	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	18557	0.990	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18088	0.928	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	35542	1.925	ug/l	99
3) Chloromethane	1.518	50	41881	1.970	ug/l	98
4) Vinyl Chloride	1.599	62	41923	1.993	ug/l	96
5) Bromomethane	1.843	94	22738	2.337	ug/l	100
6) Chloroethane	1.924	64	25444	1.920	ug/l	100
7) Trichlorofluoromethane	2.129	101	50702	2.034	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	28004	1.979	ug/l	100
9) 1,1-Dichloroethene	2.570	96	28981	2.010	ug/l	94
10) Iodomethane	2.708	142	43157	1.904	ug/l	98
11) Allyl Chloride	2.911	41	40792	1.970	ug/l	99
12) Acrylonitrile	3.313	53	13947	4.195	ug/l	93
13) Acetone	2.615	43	25839	10.106	ug/l	98
14) Carbon Disulfide	2.782	76	98758	1.959	ug/l	99
15) Methylene Chloride	3.033	84	34720	1.949	ug/l	96
16) trans-1,2-Dichloroethene	3.341	96	32463	1.973	ug/l	100
17) 1,1-Dichloroethane	3.856	63	61804	1.993	ug/l	99
18) 2-Butanone	4.698	43	39943	9.816	ug/l	95
19) Cyclohexane	5.374	56	44303	1.778	ug/l	91
20) Methylcyclohexane	6.753	83	49042	1.985	ug/l	100
21) 2,2-Dichloropropane	4.650	77	46643	1.928	ug/l	99
22) cis-1,2-Dichloroethene	4.657	96	35323	1.987	ug/l	98
23) Diethyl Ether	2.367	59	25163	2.034	ug/l	97
24) tert-Butyl Alcohol	3.165	59	35984	23.501	ug/l #	94
25) Methyl tert-Butyl Ether	3.351	73	75951	2.109	ug/l	99
26) Bromochloromethane	4.962	128	16300	2.098	ug/l	97
27) Chloroform	5.074	83	61644	1.970	ug/l	97
28) 1,1,1-Trichloroethane	5.300	97	50947	2.010	ug/l	100
29) 1,1-Dichloropropene	5.515	75	44143	1.944	ug/l	98
30) Carbon Tetrachloride	5.509	117	44189	2.032	ug/l	93
31) Isopropyl Ether	3.975	45	87828	1.984	ug/l	98
32) Ethyl-t-butyl ether	4.486	59	80681	2.004	ug/l	98
33) Tert-Amyl methyl ether	5.927	73	72137	2.051	ug/l	99
34) Propionitrile	4.769	54	12827	10.452	ug/l #	89
35) Benzene	5.763	78	138763	1.987	ug/l	100
36) 1,2-Dichloroethane	5.782	62	41264	2.048	ug/l	100
37) Trichloroethene	6.531	130	32894	1.981	ug/l	99
38) 1,2-Dichloropropane	6.779	63	36191	1.980	ug/l	94
39) Methacrylonitrile	4.968	41	9914	2.168	ug/l	95
40) Methyl acrylate	4.849	55	13724	1.628	ug/l #	96
41) Tetrahydrofuran	5.052	42	11742	4.414	ug/l	92
42) 1-Chlorobutane	5.444	56	62330	2.006	ug/l	97
43) Dibromomethane	6.907	93	19013	2.055	ug/l	99
44) Bromodichloromethane	7.094	83	43189	2.005	ug/l	97

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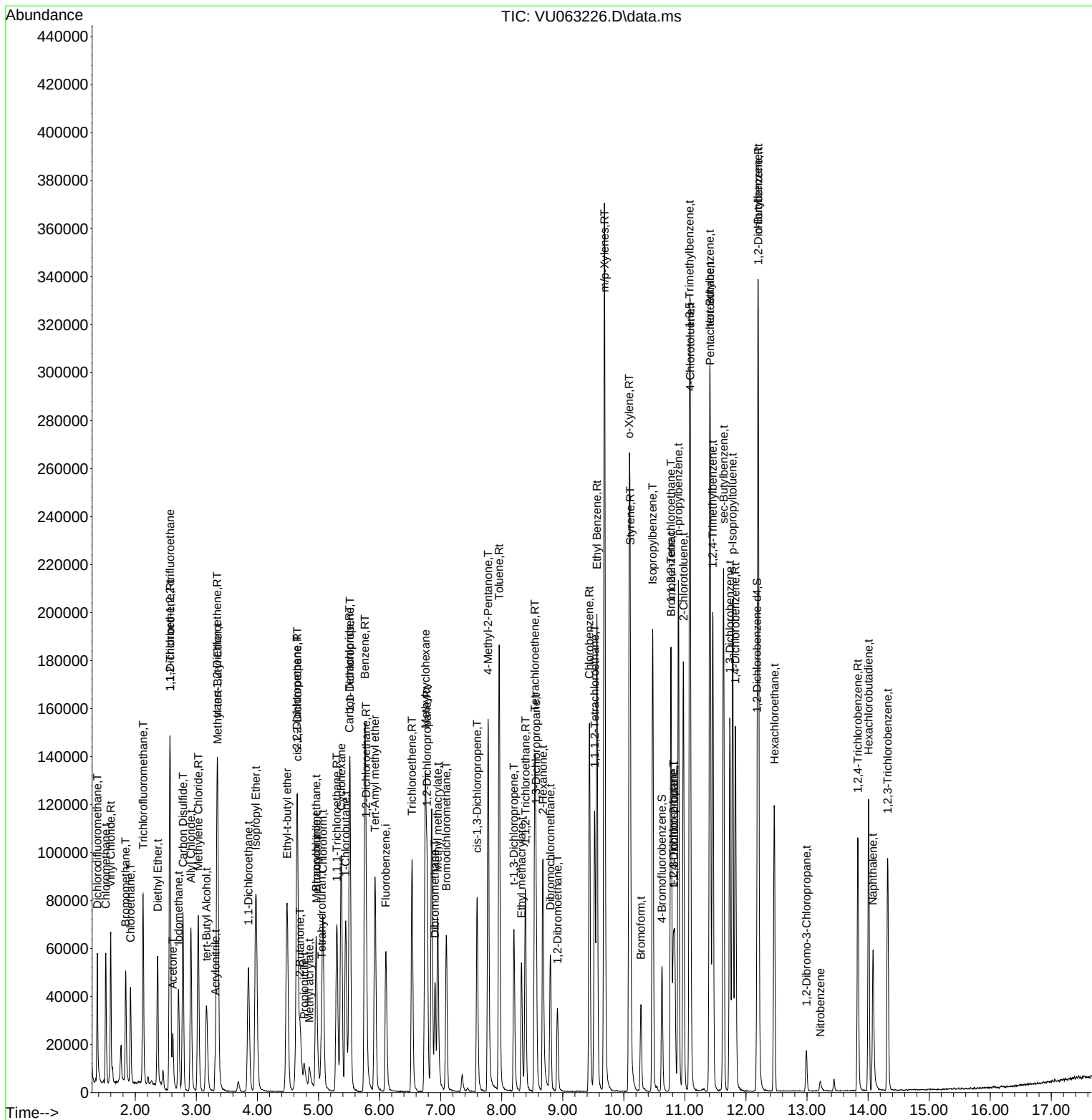
Instrument :
 MSVOA_U
 ClientSampleId :

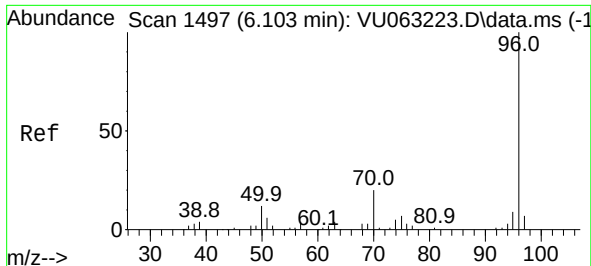
Quant Time: Feb 11 04:27:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 04:17:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	102545	10.570	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	41306	9.057	ug/l #	50
47) Methyl methacrylate	6.952	69	32386	4.155	ug/l	97
48) Ethyl methacrylate	8.325	69	30695	2.097	ug/l	98
49) Toluene	7.959	92	80408	2.003	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	40335	2.046	ug/l	97
51) cis-1,3-Dichloropropene	7.599	75	49298	2.024	ug/l	97
52) 1,1,2-Trichloroethane	8.389	97	27156	2.177	ug/l	97
53) 1,3-Dichloropropane	8.563	76	45544	2.056	ug/l	99
54) 2-Hexanone	8.676	43	68770	10.388	ug/l	98
55) Dibromochloromethane	8.798	129	30379	2.116	ug/l	97
56) 1,2-Dibromoethane	8.914	107	24293	2.076	ug/l	99
58) Tetrachloroethene	8.544	164	27886	2.038	ug/l	98
59) Chlorobenzene	9.438	112	85423	2.016	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	30254	1.986	ug/l	99
61) Pentachloroethane	11.415	117	26565	1.953	ug/l	97
62) Hexachloroethane	12.466	117	22398	1.861	ug/l	98
63) Ethyl Benzene	9.560	91	142578	1.951	ug/l	100
64) m/p-Xylenes	9.685	106	108774	3.985	ug/l	99
65) o-Xylene	10.090	106	54366	2.035	ug/l	95
66) Styrene	10.106	104	81863	1.925	ug/l	97
67) Bromoform	10.280	173	17160	2.106	ug/l	97
69) Isopropylbenzene	10.473	105	123176	1.961	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	34449	2.049	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	41306	3.270	ug/l #	75
72) Bromobenzene	10.775	156	35050	2.071	ug/l	96
73) n-propylbenzene	10.894	120	35370	1.967	ug/l	97
74) 2-Chlorotoluene	10.978	126	33821	2.040	ug/l	98
75) 1,3,5-Trimethylbenzene	11.077	105	112651	1.935	ug/l	99
76) 4-Chlorotoluene	11.090	126	33203	1.953	ug/l	99
77) tert-Butylbenzene	11.409	119	114430	1.944	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	112560	1.949	ug/l	99
79) sec-Butylbenzene	11.634	105	147292	1.965	ug/l	99
80) Nitrobenzene	13.219	77	3322	9.997	ug/l #	95
81) p-Isopropyltoluene	11.782	119	115886	1.959	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	65076	1.982	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	62978	1.961	ug/l	99
84) n-Butylbenzene	12.200	91	101410	1.912	ug/l	96
85) 1,2-Dichlorobenzene	12.203	146	63347	2.008	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	5050	2.140	ug/l	95
87) 1,2,4-Trichlorobenzene	13.833	180	32865	2.136	ug/l	96
88) Hexachlorobutadiene	14.010	225	21566	1.961	ug/l	100
89) Naphthalene	14.081	128	57074	2.316	ug/l	97
90) 1,2,3-Trichlorobenzene	14.322	180	31758	2.109	ug/l	96

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

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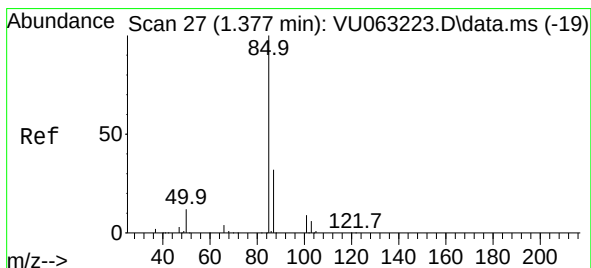
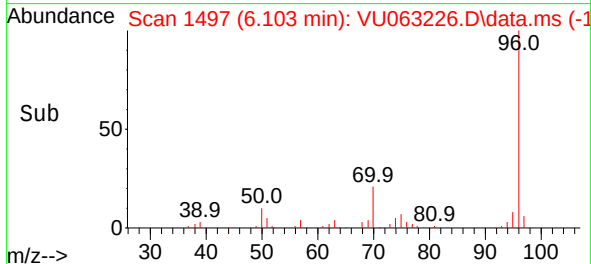
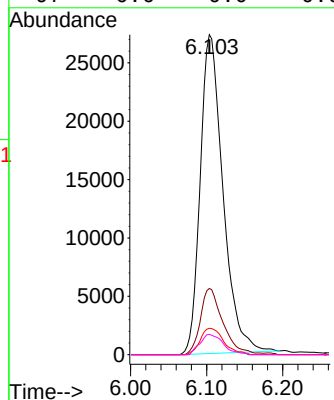
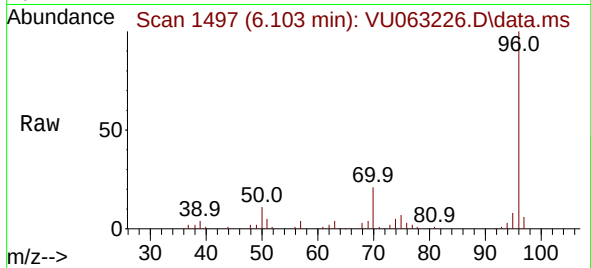




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

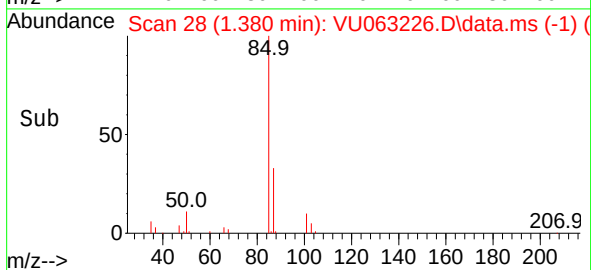
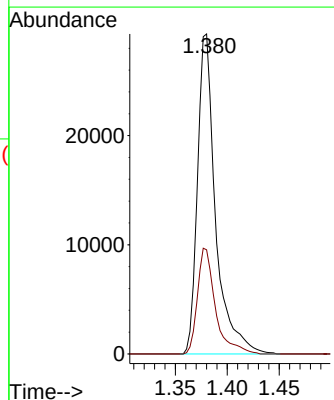
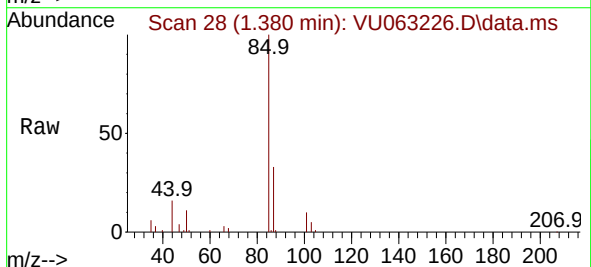
Instrument :
MSVOA_U
ClientSampleId :

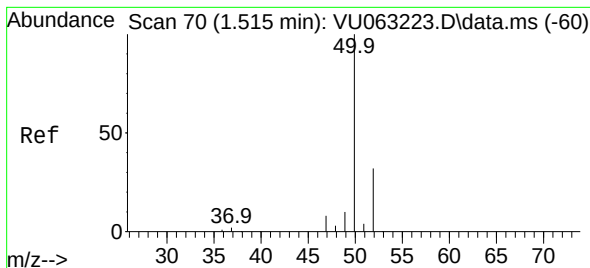
Tgt Ion: 96 Resp: 56822
Ion Ratio Lower Upper
96 100
70 19.8 15.6 23.4
95 8.5 7.3 10.9
97 6.6 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.925 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion: 85 Resp: 35542
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0





#3

Chloromethane

Concen: 1.970 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

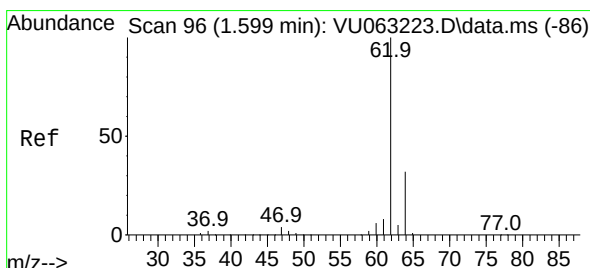
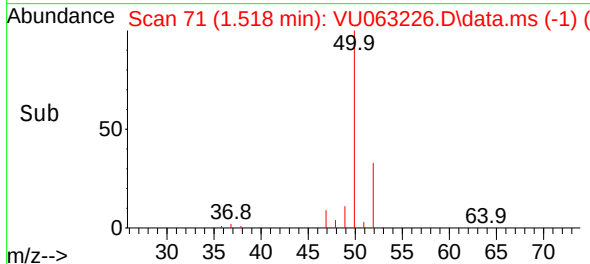
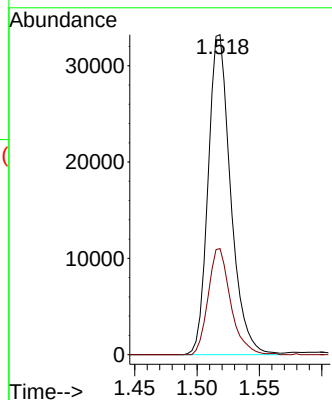
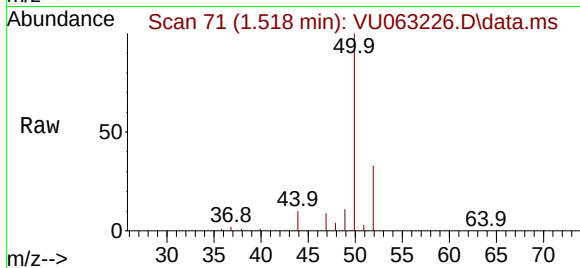
ClientSampleId :

Tgt Ion: 50 Resp: 41881

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.8



#4

Vinyl Chloride

Concen: 1.993 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063226.D

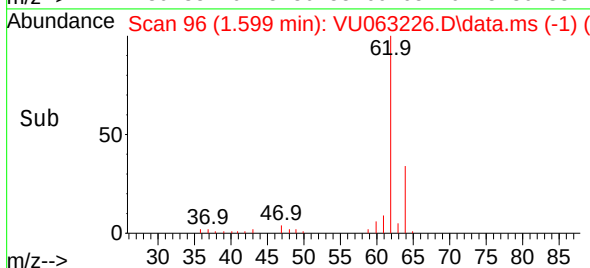
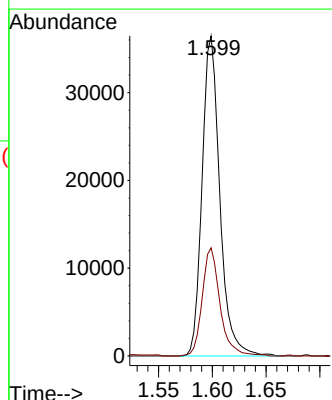
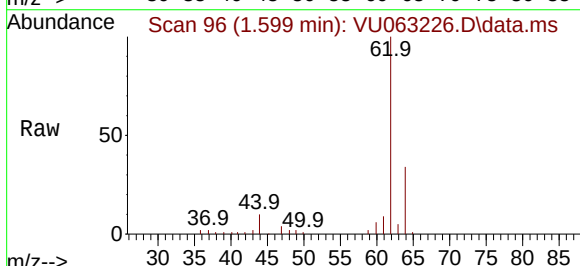
Acq: 10 Feb 2025 18:24

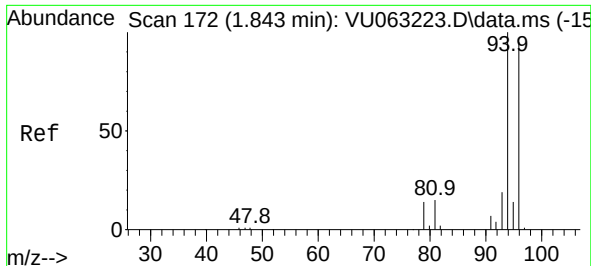
Tgt Ion: 62 Resp: 41923

Ion Ratio Lower Upper

62 100

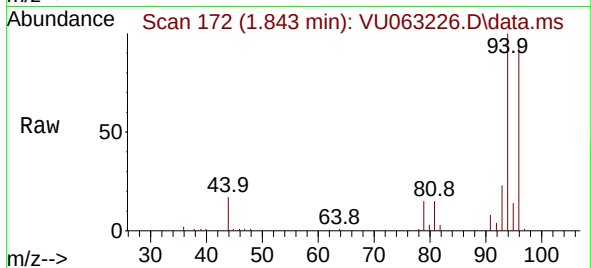
64 33.8 25.4 38.0



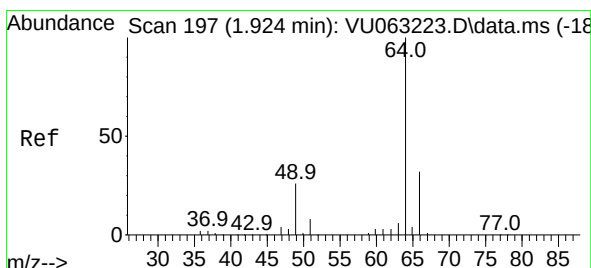
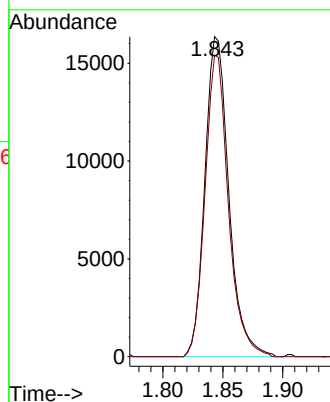
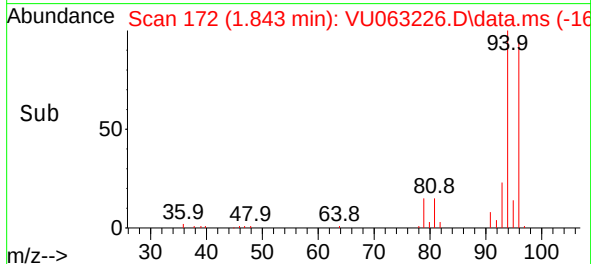


#5
Bromomethane
Concen: 2.337 ug/l
RT: 1.843 min Scan# 172
Delta R.T. -0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Instrument :
MSVOA_U
ClientSampleId :

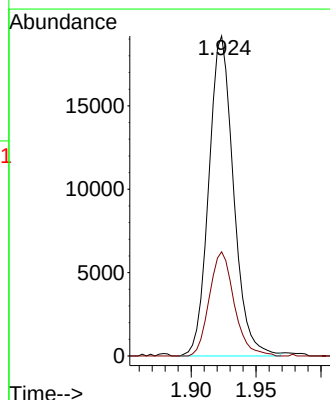
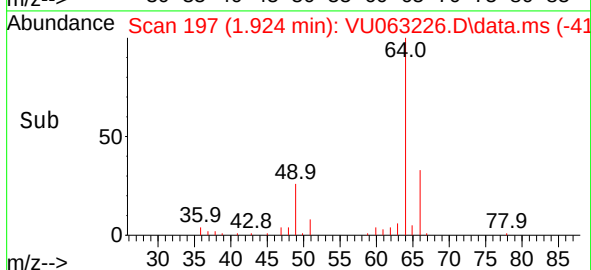
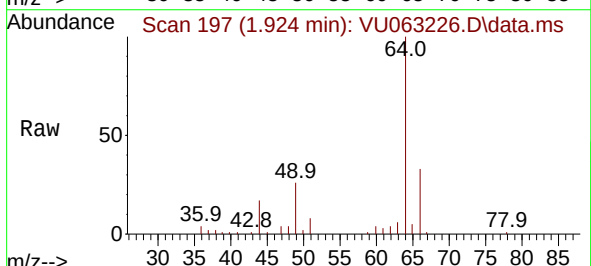


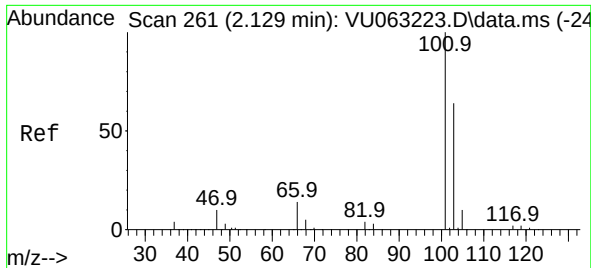
Tgt Ion: 94 Resp: 22738
Ion Ratio Lower Upper
94 100
96 94.2 75.7 113.5



#6
Chloroethane
Concen: 1.920 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

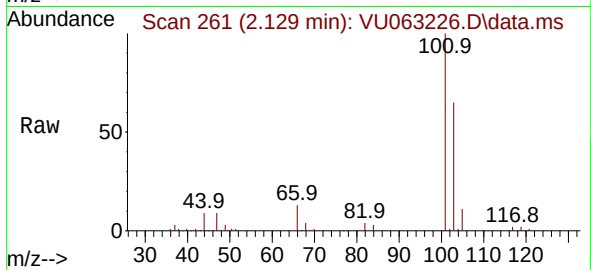
Tgt Ion: 64 Resp: 25444
Ion Ratio Lower Upper
64 100
66 32.5 25.8 38.8



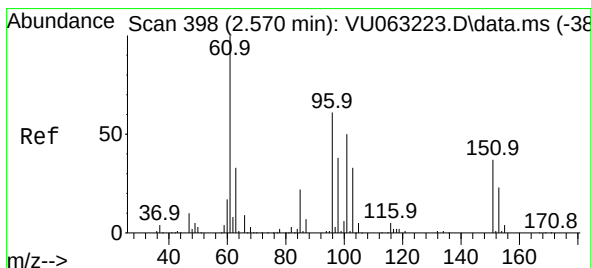
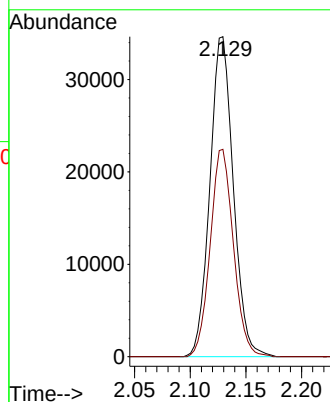
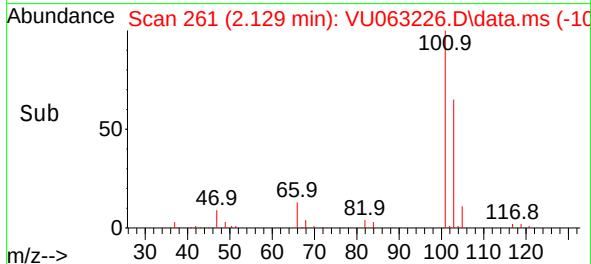


#7
 Trichlorofluoromethane
 Concen: 2.034 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

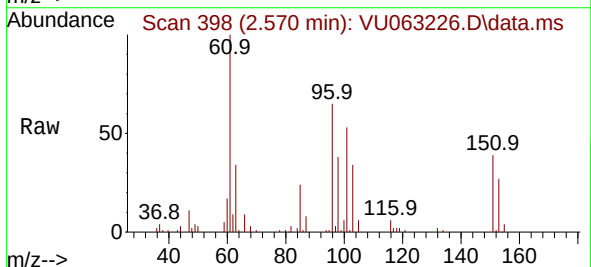
Instrument :
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 ClientSampleId :



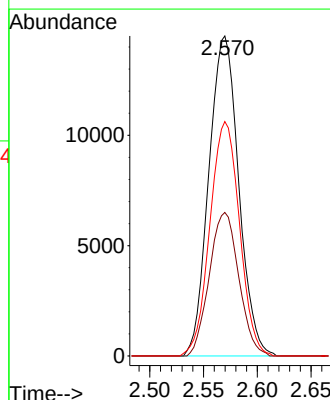
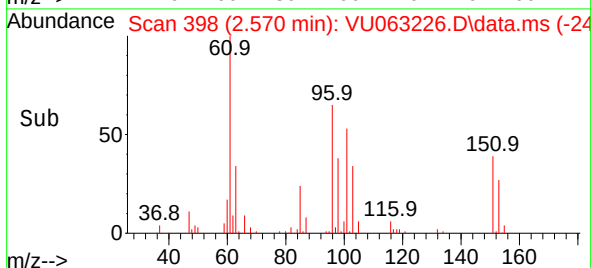
Tgt Ion:101 Resp: 50702
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2

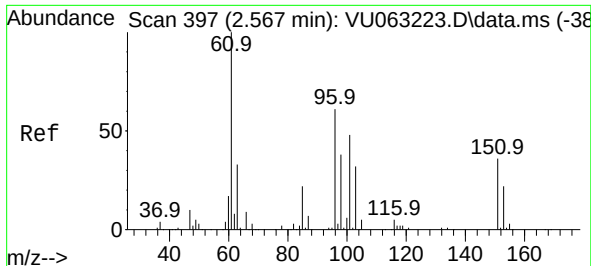


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.979 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24



Tgt Ion:101 Resp: 28004
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.4 53.0
 151 72.6 58.5 87.7

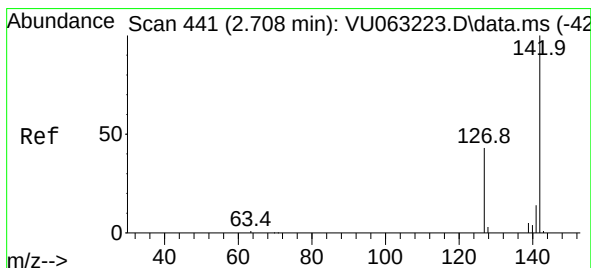
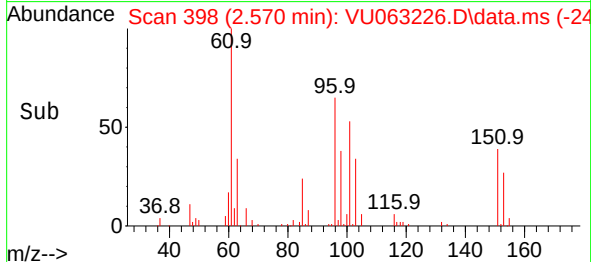
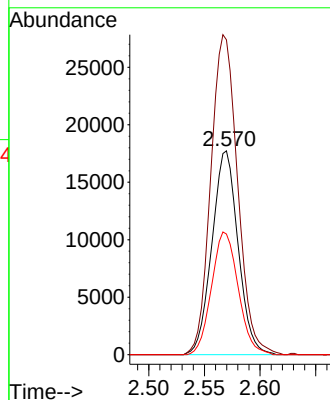
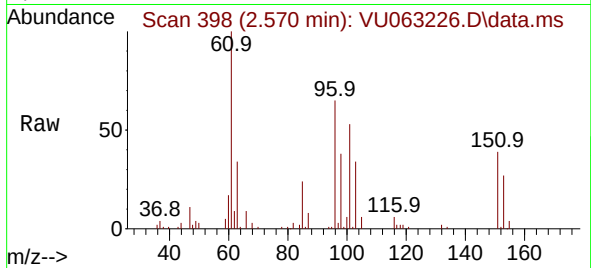




#9
1,1-Dichloroethene
Concen: 2.010 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

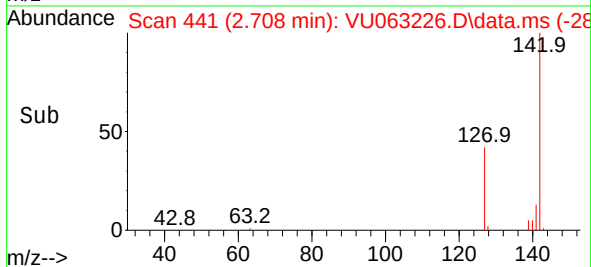
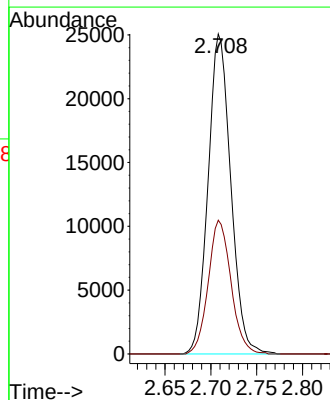
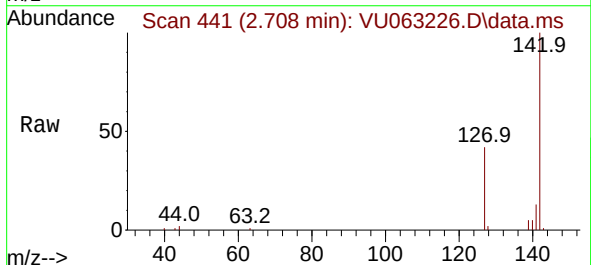
Instrument :
MSVOA_U
ClientSampleId :

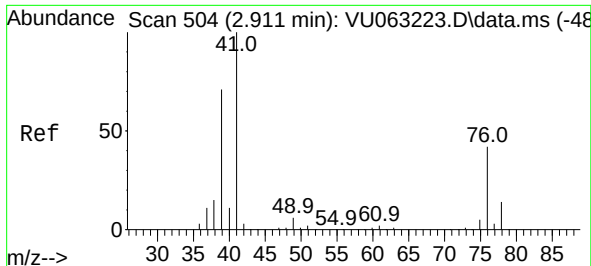
Tgt Ion: 96 Resp: 28981
Ion Ratio Lower Upper
96 100
61 154.6 0.0 492.9
98 59.2 0.0 124.0



#10
Iodomethane
Concen: 1.904 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion: 142 Resp: 43157
Ion Ratio Lower Upper
142 100
127 41.9 34.5 51.7

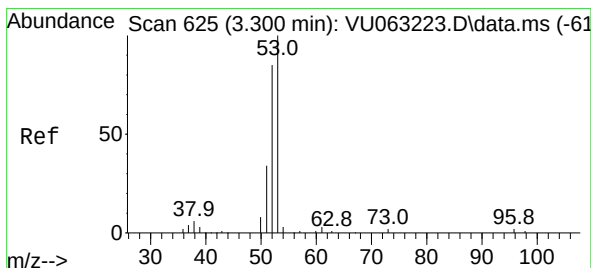
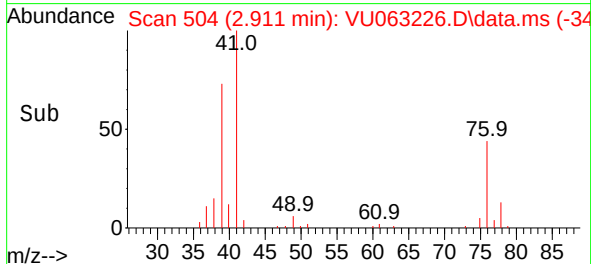
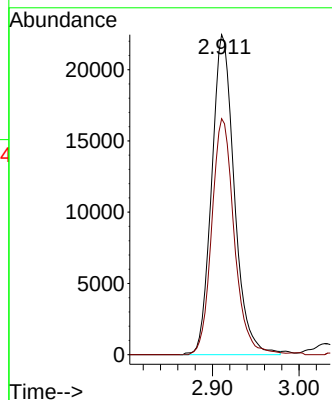
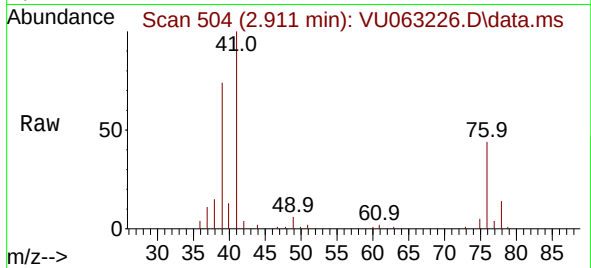




#11
 Allyl Chloride
 Concen: 1.970 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

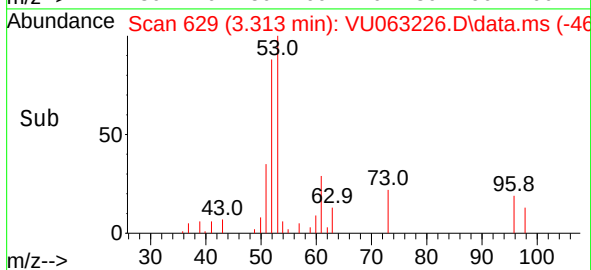
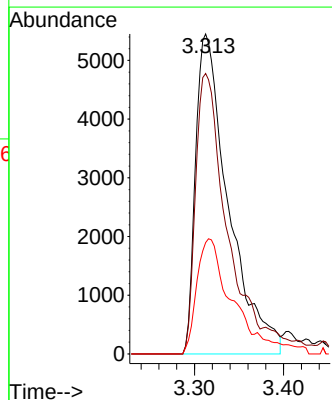
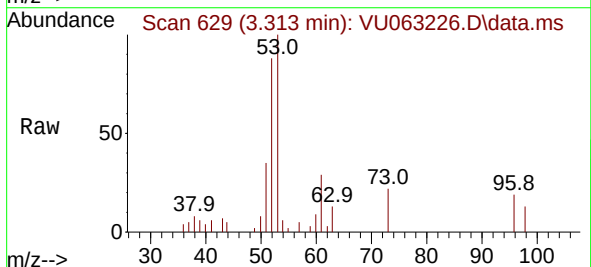
Instrument :
 MSVOA_U
 ClientSampleId :

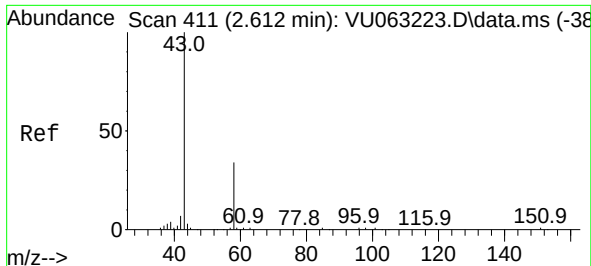
Tgt Ion: 41 Resp: 40792
 Ion Ratio Lower Upper
 41 100
 39 73.2 57.9 86.9



#12
 Acrylonitrile
 Concen: 4.195 ug/l
 RT: 3.313 min Scan# 629
 Delta R.T. 0.013 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

Tgt Ion: 53 Resp: 13947
 Ion Ratio Lower Upper
 53 100
 52 88.1 64.2 96.2
 51 40.2 30.8 46.2





#13

Acetone

Concen: 10.106 ug/l

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

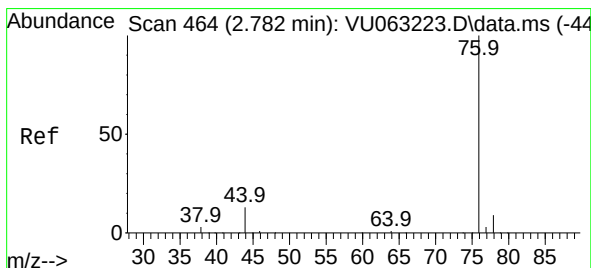
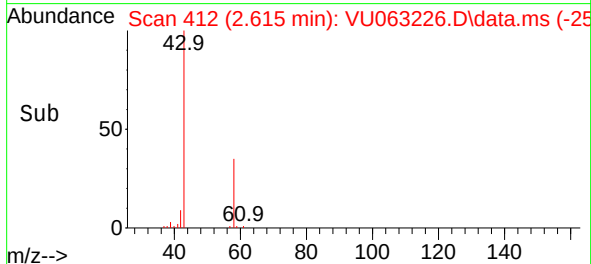
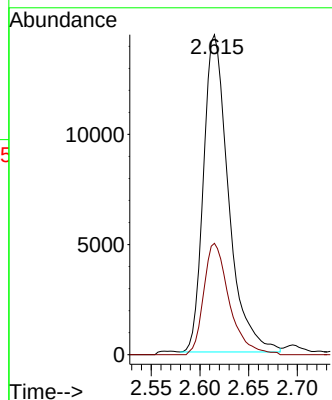
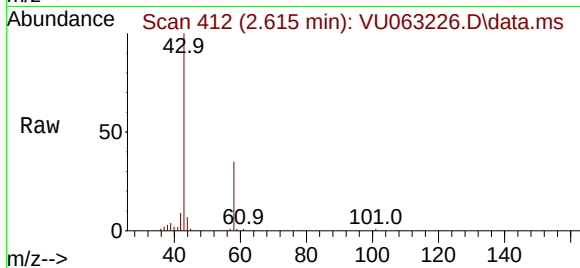
ClientSampleId :

Tgt Ion: 43 Resp: 25839

Ion Ratio Lower Upper

43 100

58 35.1 27.4 41.0



#14

Carbon Disulfide

Concen: 1.959 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063226.D

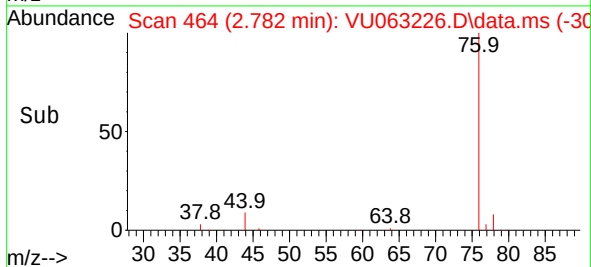
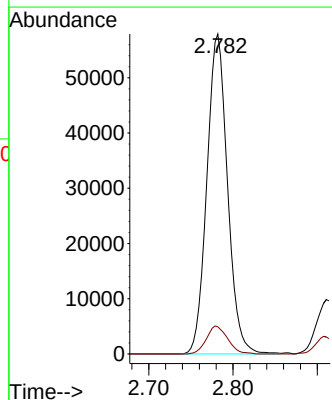
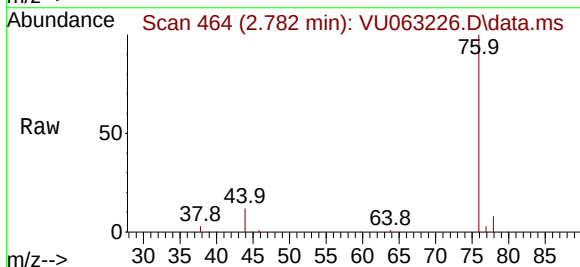
Acq: 10 Feb 2025 18:24

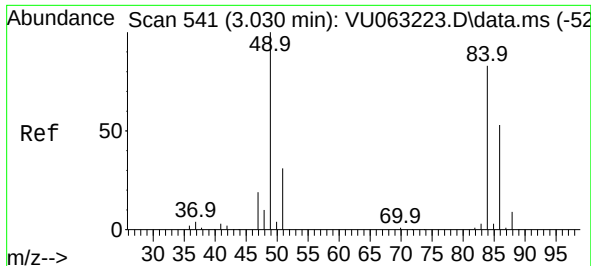
Tgt Ion: 76 Resp: 98758

Ion Ratio Lower Upper

76 100

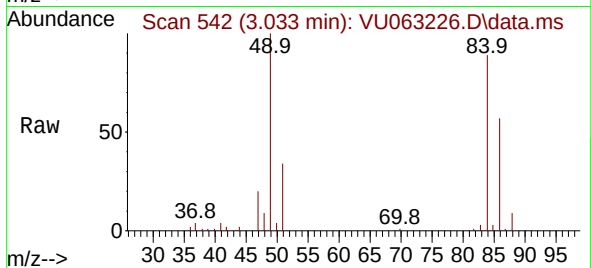
78 8.5 7.2 10.8



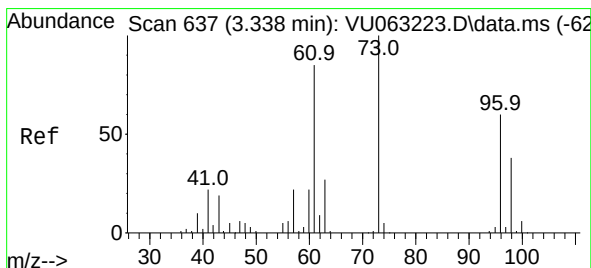
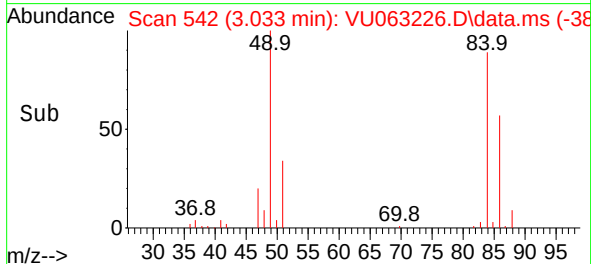
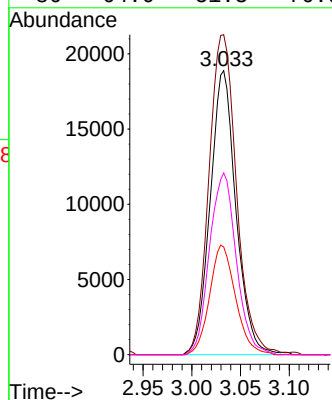


#15
Methylene Chloride
Concen: 1.949 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Instrument :
MSVOA_U
ClientSampleId :

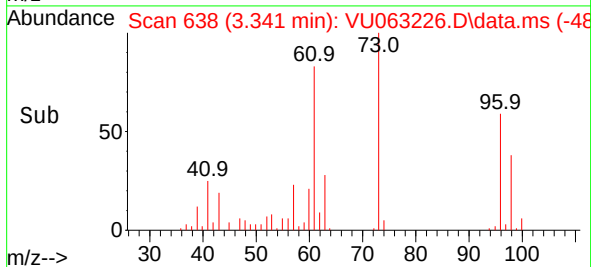
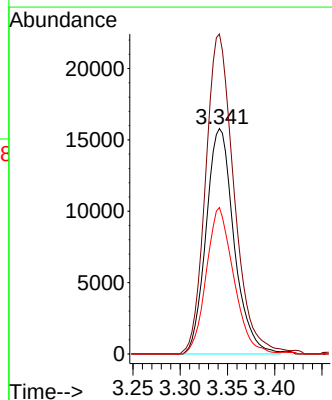
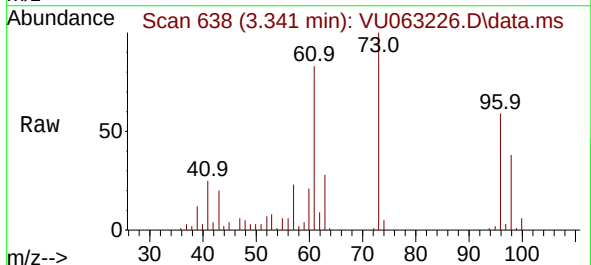


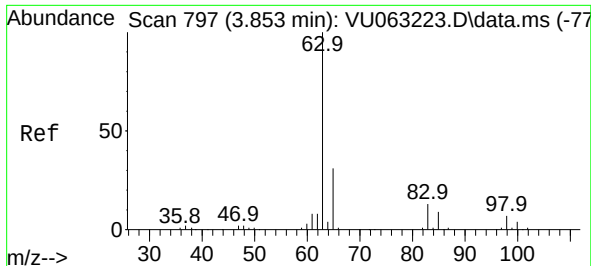
Tgt Ion: 84 Resp: 34720
Ion Ratio Lower Upper
84 100
49 112.7 96.4 144.6
51 37.9 0.0 74.8
86 64.0 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 1.973 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

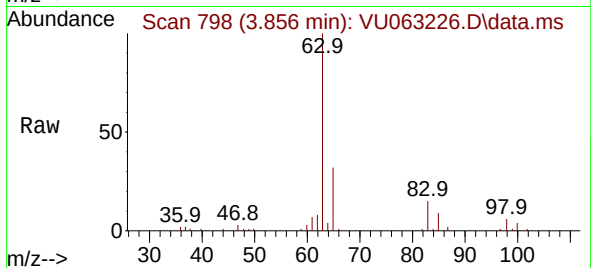
Tgt Ion: 96 Resp: 32463
Ion Ratio Lower Upper
96 100
61 141.9 113.4 170.2
98 64.9 51.2 76.8



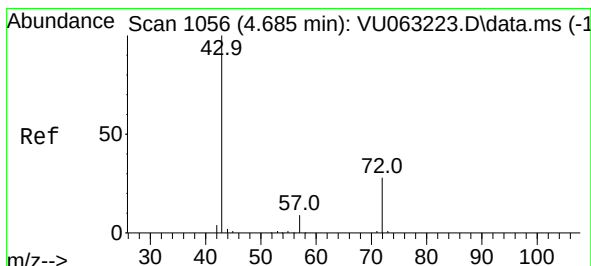
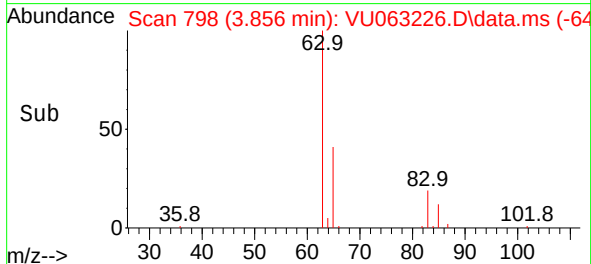
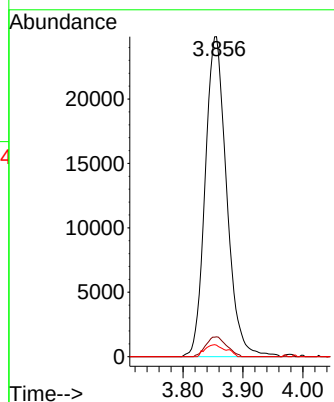


#17
1,1-Dichloroethane
Concen: 1.993 ug/l
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Instrument :
MSVOA_U
ClientSampleId :

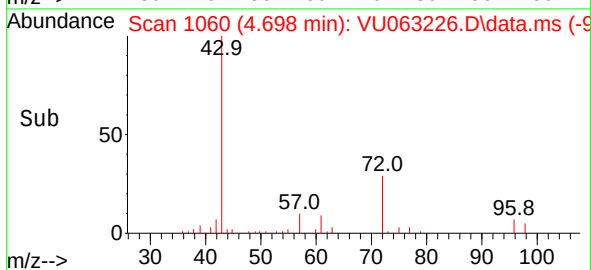
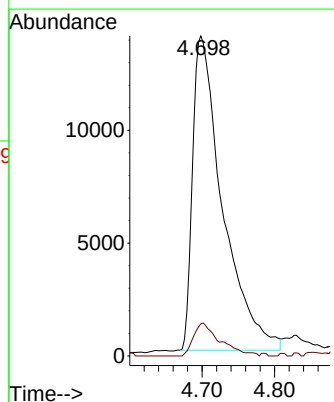
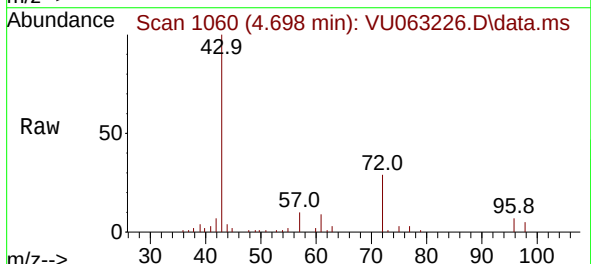


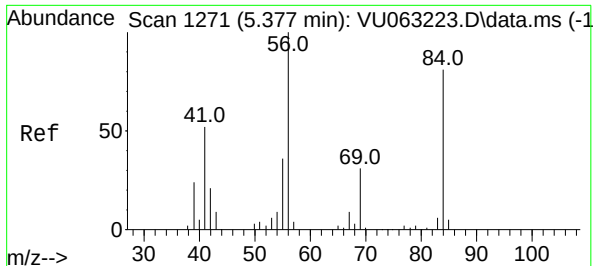
Tgt Ion: 63 Resp: 61804
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.9
100 3.6 2.1 6.2



#18
2-Butanone
Concen: 9.816 ug/l
RT: 4.698 min Scan# 1060
Delta R.T. 0.013 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion: 43 Resp: 39943
Ion Ratio Lower Upper
43 100
57 10.3 0.0 17.0





#19

Cyclohexane

Concen: 1.778 ug/l

RT: 5.374 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

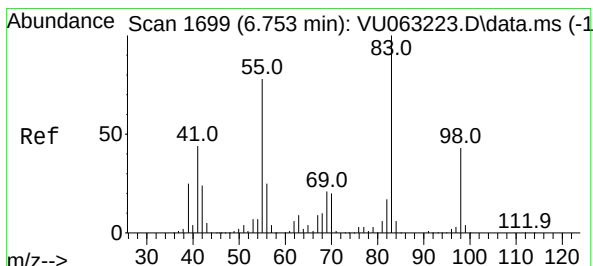
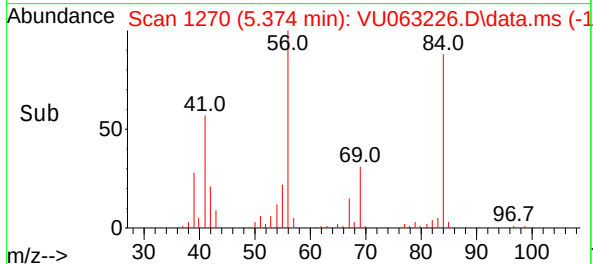
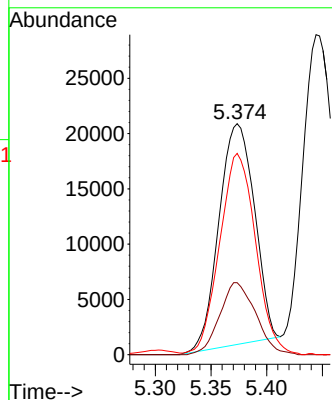
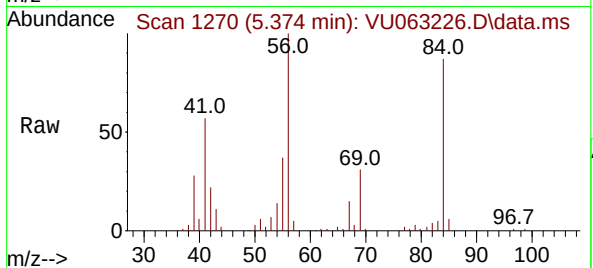
Tgt Ion: 56 Resp: 44303

Ion Ratio Lower Upper

56 100

69 33.1 24.5 36.7

84 91.5 65.2 97.8



#20

Methylcyclohexane

Concen: 1.985 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

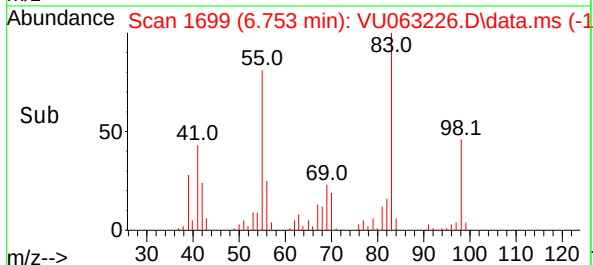
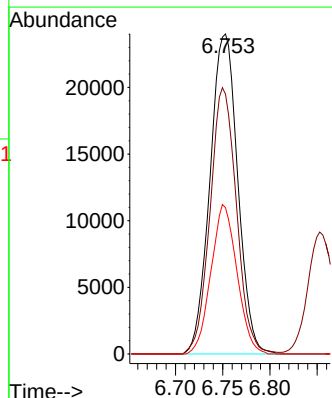
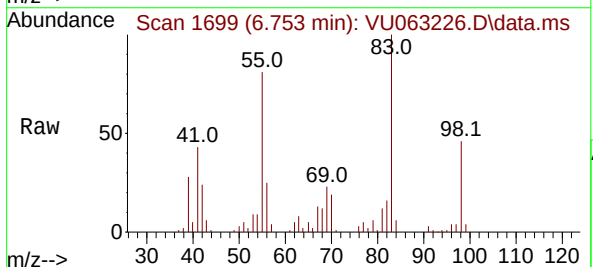
Tgt Ion: 83 Resp: 49042

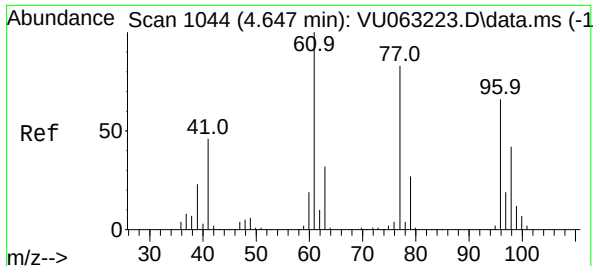
Ion Ratio Lower Upper

83 100

55 78.5 63.1 94.7

98 43.8 35.2 52.8

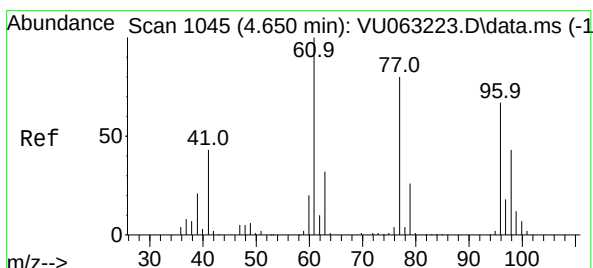
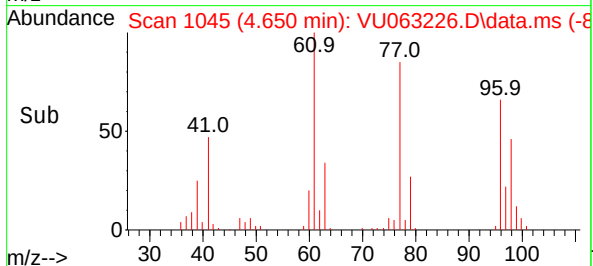
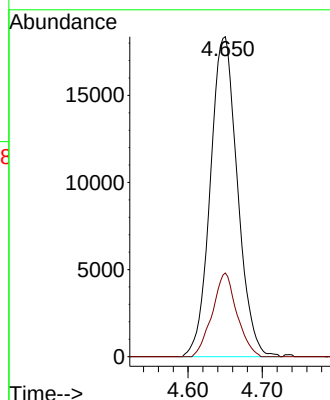
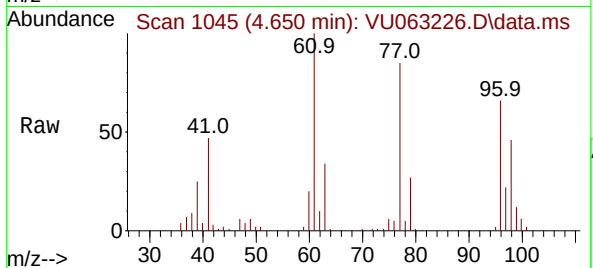




#21
2,2-Dichloropropane
Concen: 1.928 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

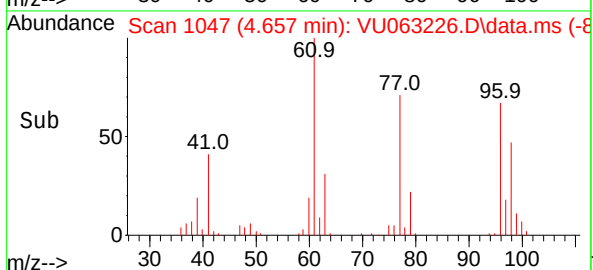
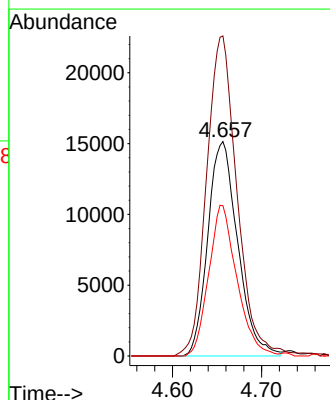
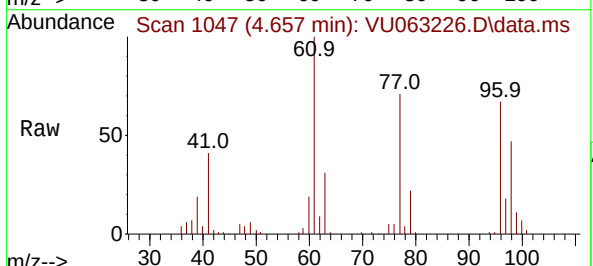
Instrument :
MSVOA_U
ClientSampleId :

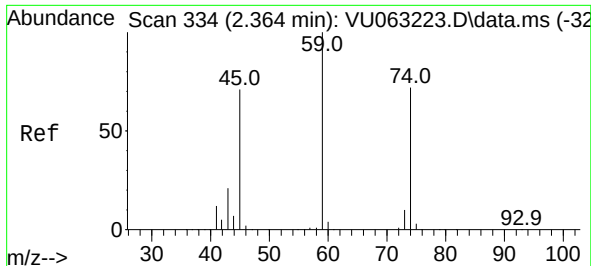
Tgt Ion: 77 Resp: 46643
Ion Ratio Lower Upper
77 100
97 23.7 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 1.987 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

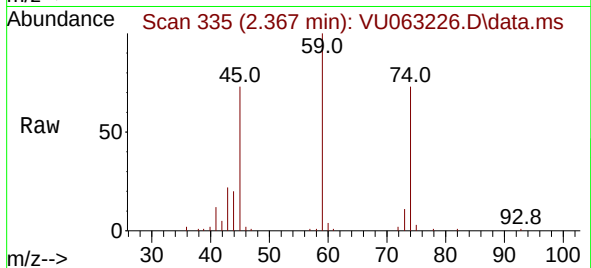
Tgt Ion: 96 Resp: 35323
Ion Ratio Lower Upper
96 100
61 151.6 0.0 373.3
98 66.1 31.9 95.9



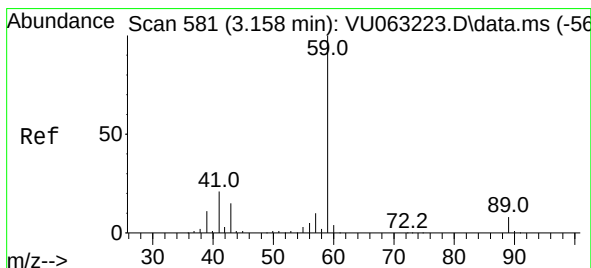
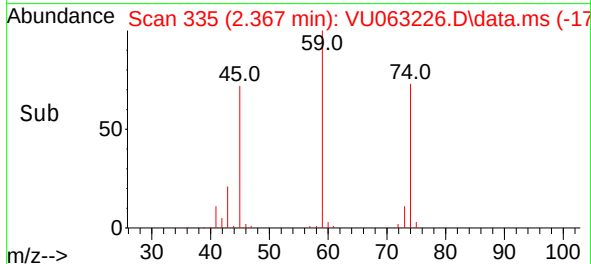
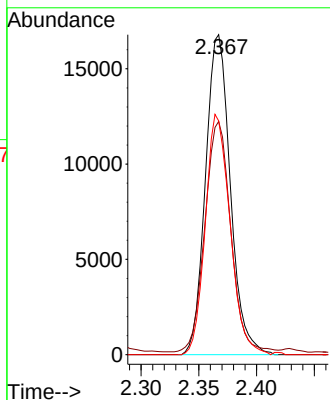


#23
Diethyl Ether
Concen: 2.034 ug/l
RT: 2.367 min Scan# 34
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Instrument :
MSVOA_U
ClientSampleId :

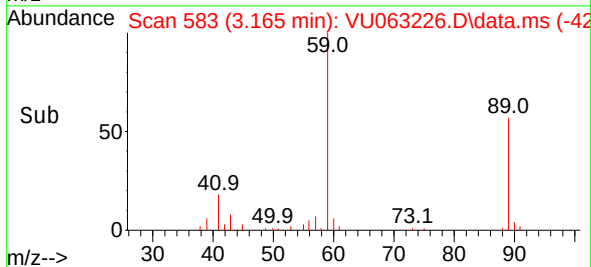
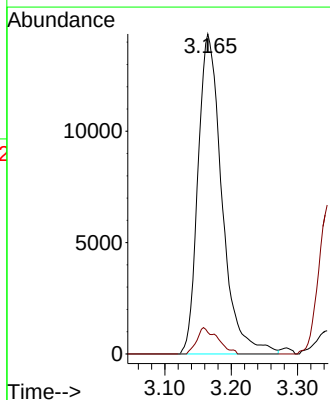
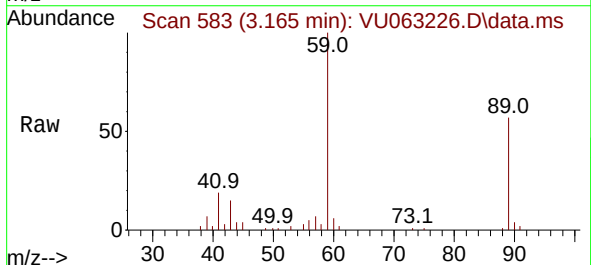


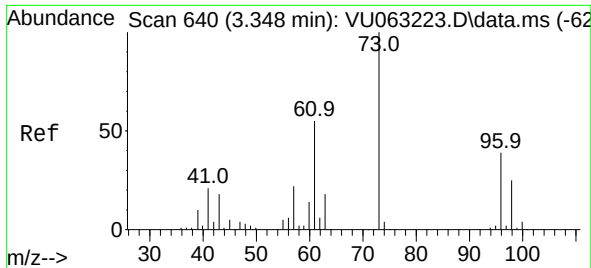
Tgt Ion: 59 Resp: 25163
Ion Ratio Lower Upper
59 100
45 74.5 57.8 86.6
74 74.8 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 23.501 ug/l
RT: 3.165 min Scan# 583
Delta R.T. 0.006 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion: 59 Resp: 35984
Ion Ratio Lower Upper
59 100
57 7.2 7.5 11.3#

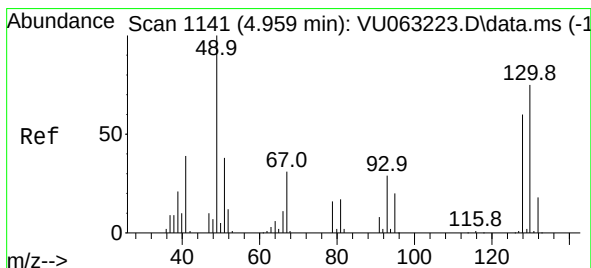
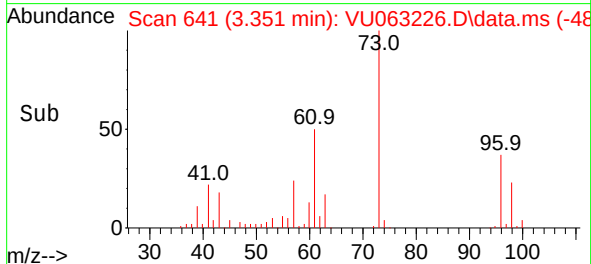
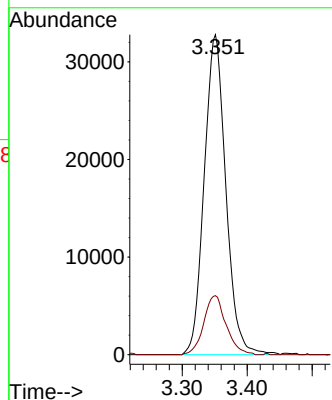
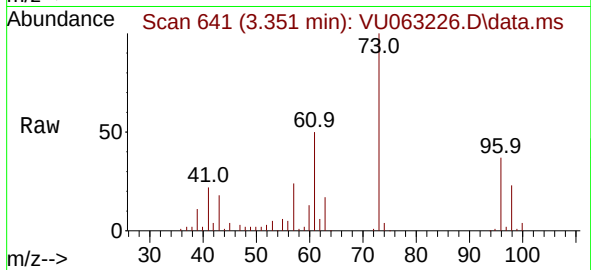




#25
Methyl tert-Butyl Ether
Concen: 2.109 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

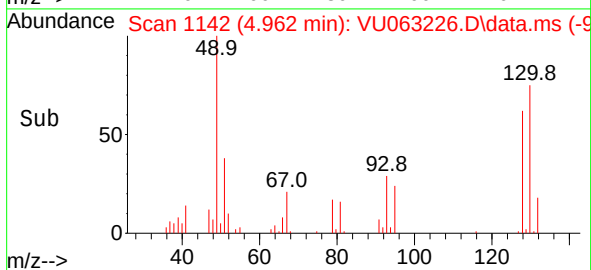
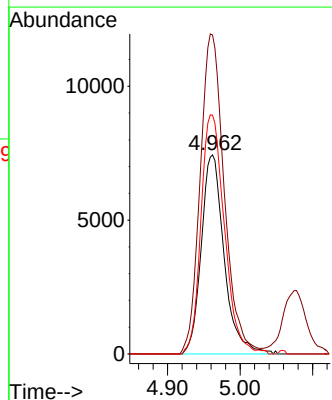
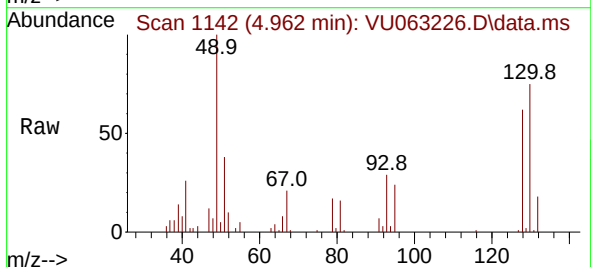
Instrument :
MSVOA_U
ClientSampleId :

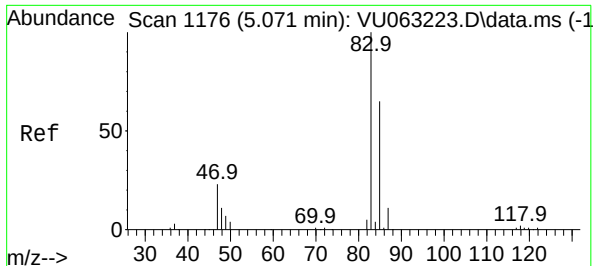
Tgt Ion: 73 Resp: 75951
Ion Ratio Lower Upper
73 100
43 19.0 14.9 22.3



#26
Bromochloromethane
Concen: 2.098 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion: 128 Resp: 16300
Ion Ratio Lower Upper
128 100
49 169.1 0.0 343.4
130 123.6 102.9 154.3





#27

Chloroform

Concen: 1.970 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

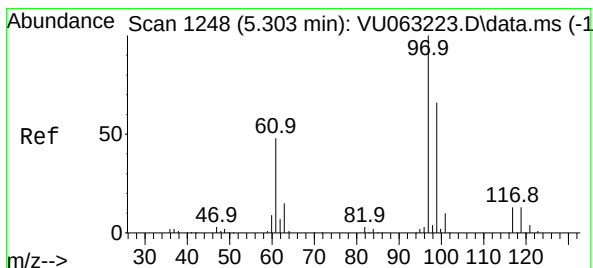
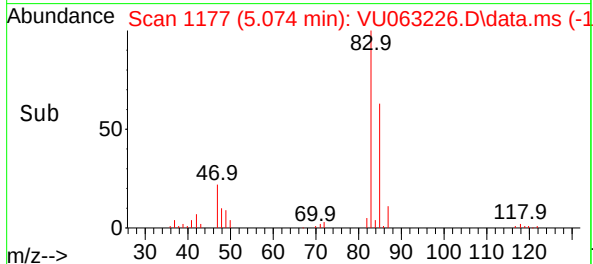
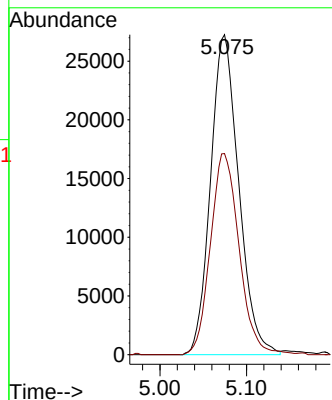
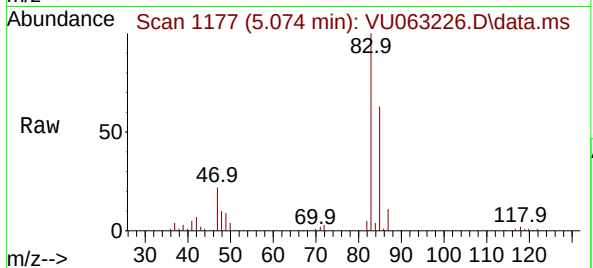
ClientSampleId :

Tgt Ion: 83 Resp: 61644

Ion Ratio Lower Upper

83 100

85 62.8 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 2.010 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

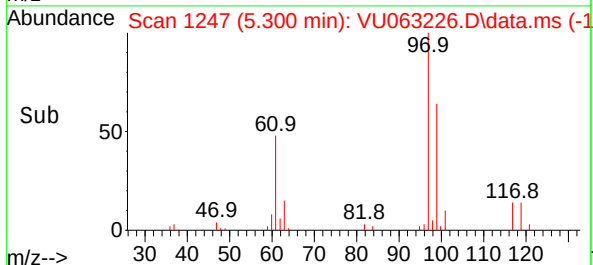
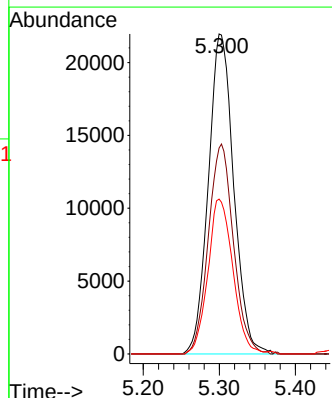
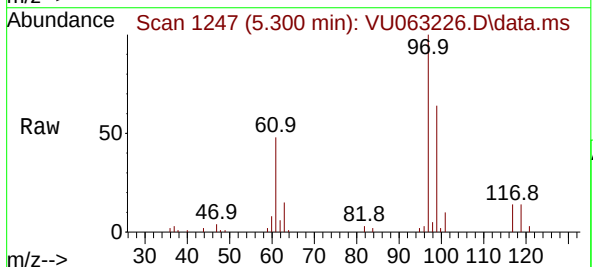
Tgt Ion: 97 Resp: 50947

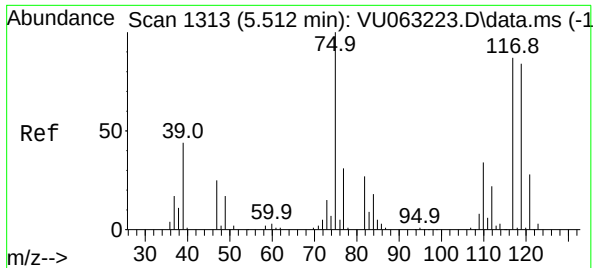
Ion Ratio Lower Upper

97 100

99 64.9 32.4 97.0

61 47.6 23.8 71.2





#29

1,1-Dichloropropene

Concen: 1.944 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

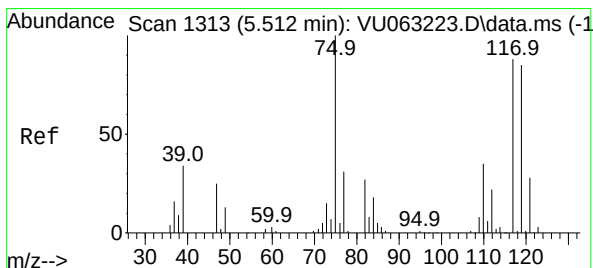
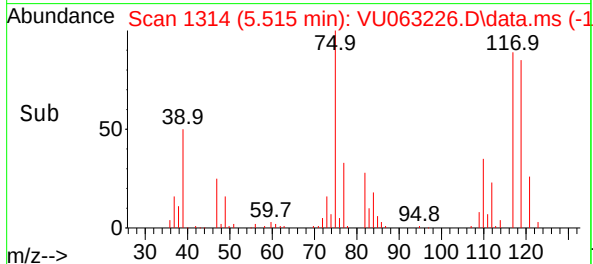
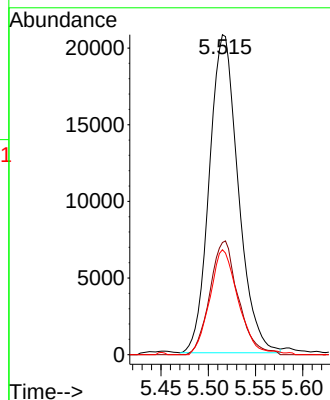
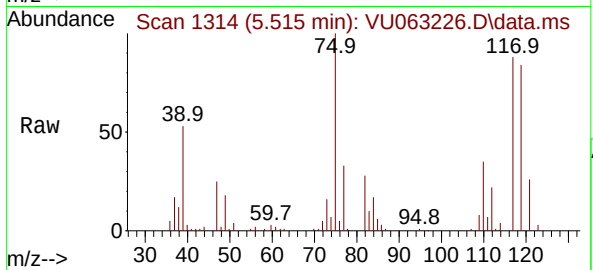
Tgt Ion: 75 Resp: 44143

Ion Ratio Lower Upper

75 100

110 35.0 17.2 51.5

77 32.7 24.6 37.0



#30

Carbon Tetrachloride

Concen: 2.032 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

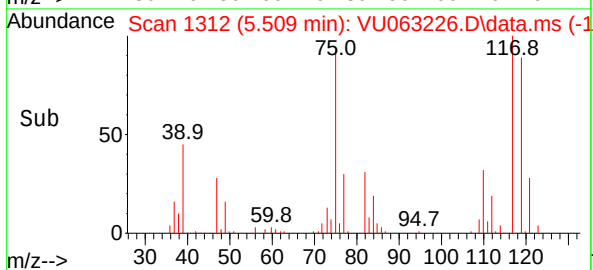
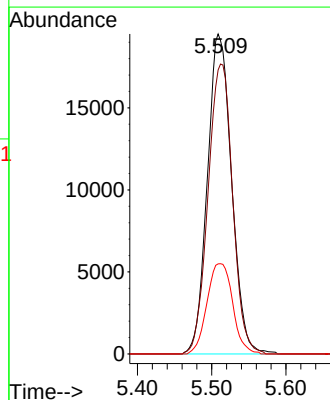
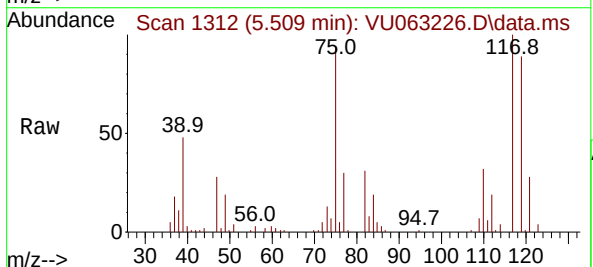
Tgt Ion: 117 Resp: 44189

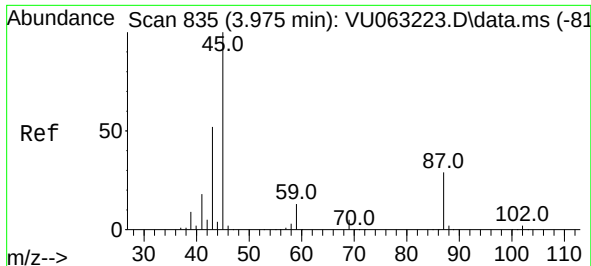
Ion Ratio Lower Upper

117 100

119 88.8 76.7 115.1

121 28.2 25.5 38.3

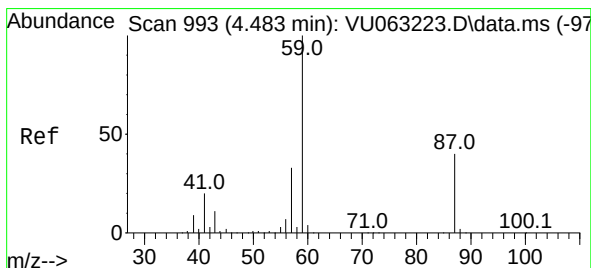
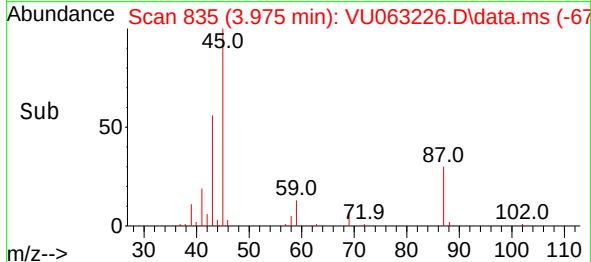
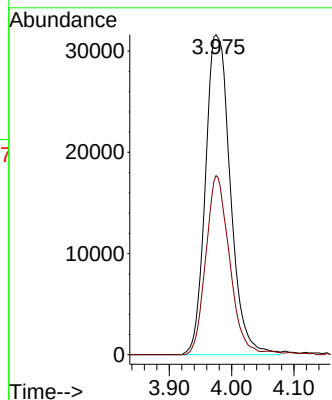
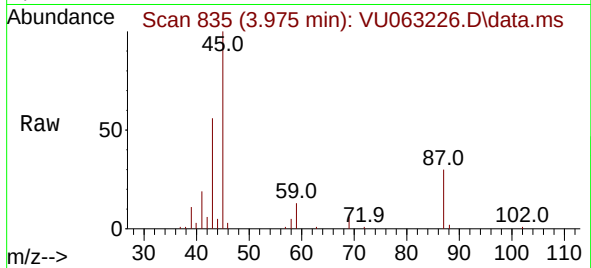




#31
Isopropyl Ether
Concen: 1.984 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

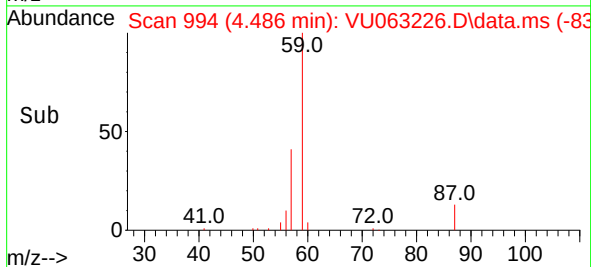
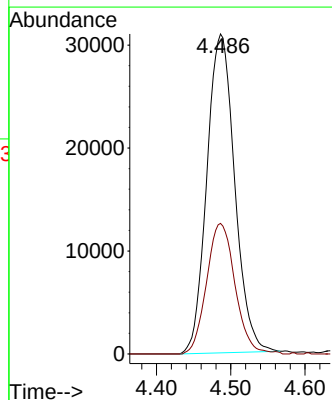
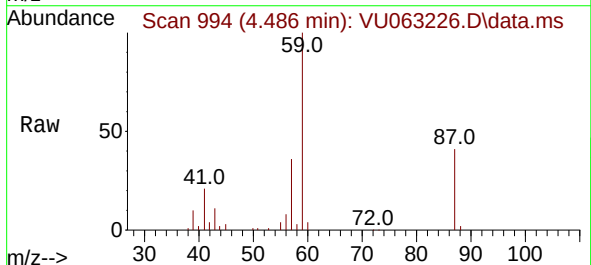
Instrument :
MSVOA_U
ClientSampleId :

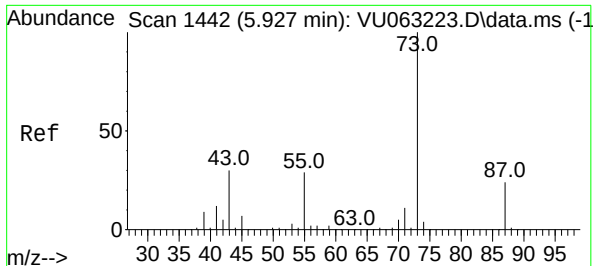
Tgt Ion: 45 Resp: 87828
Ion Ratio Lower Upper
45 100
43 52.9 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 2.004 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion: 59 Resp: 80681
Ion Ratio Lower Upper
59 100
87 41.9 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 2.051 ug/l

RT: 5.927 min Scan# 1442

Delta R.T. -0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

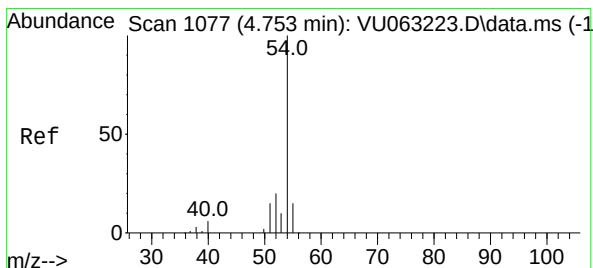
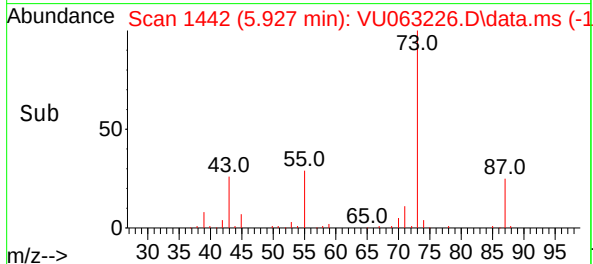
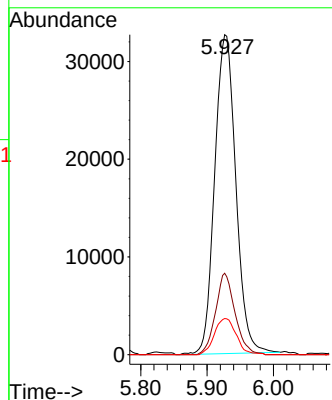
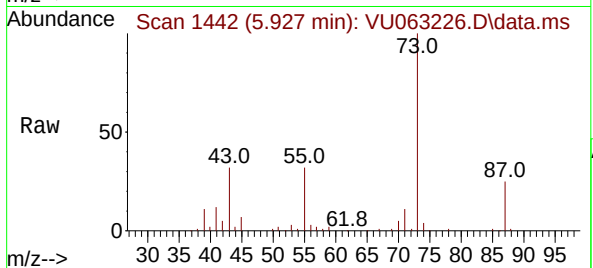
Tgt Ion: 73 Resp: 72137

Ion Ratio Lower Upper

73 100

87 23.6 18.9 28.3

71 11.8 9.0 13.4



#34

Propionitrile

Concen: 10.452 ug/l

RT: 4.769 min Scan# 1082

Delta R.T. 0.016 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Tgt Ion: 54 Resp: 12827

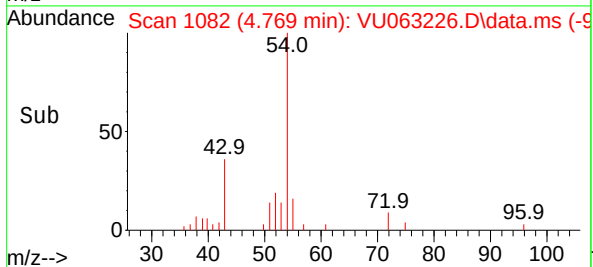
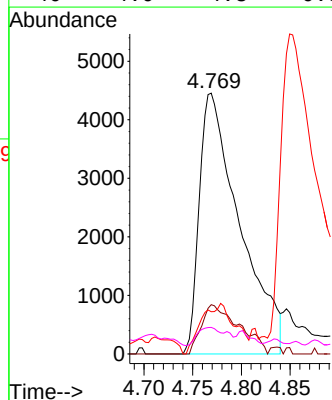
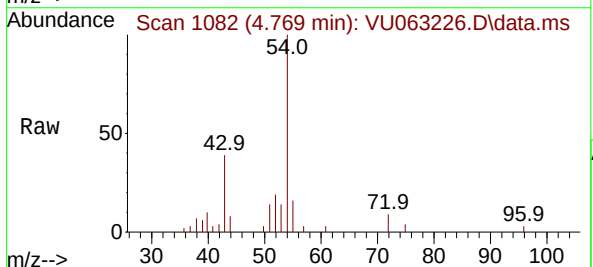
Ion Ratio Lower Upper

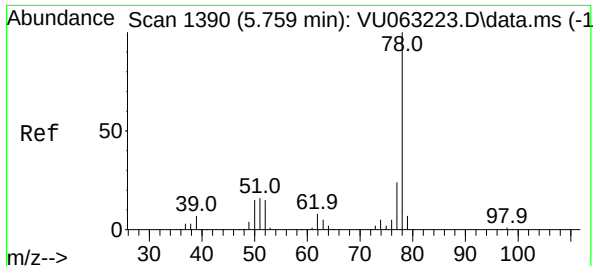
54 100

52 17.6 16.3 24.5

55 6.0 11.8 17.6#

40 4.9 4.3 6.5





#35

Benzene

Concen: 1.987 ug/l

RT: 5.763 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

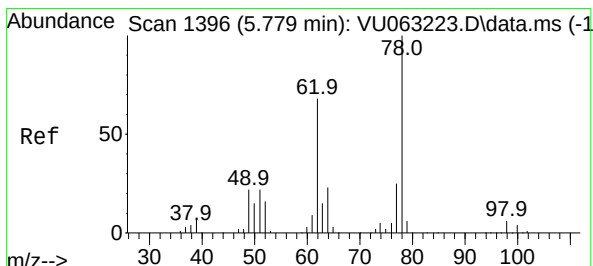
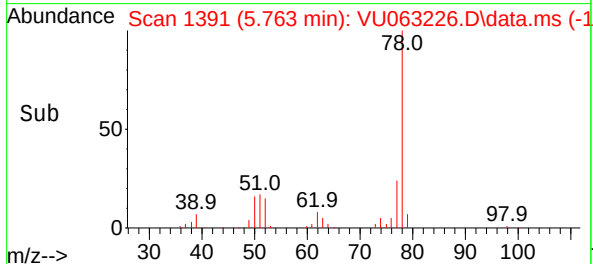
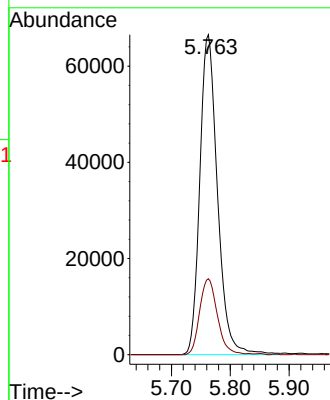
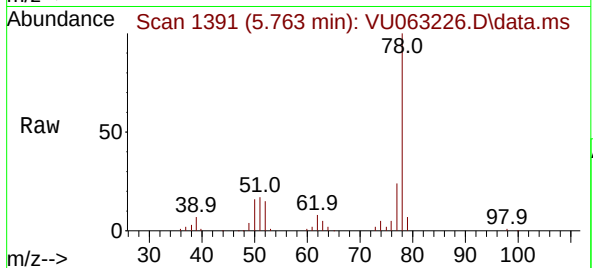
ClientSampleId :

Tgt Ion: 78 Resp: 138763

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



#36

1,2-Dichloroethane

Concen: 2.048 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063226.D

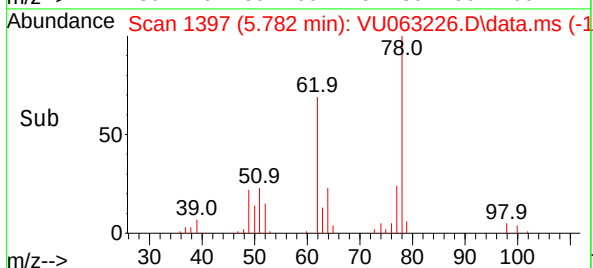
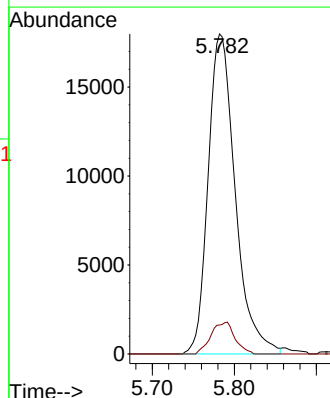
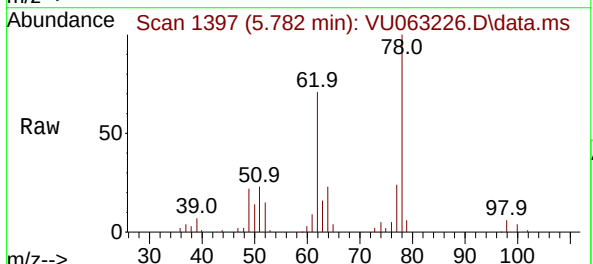
Acq: 10 Feb 2025 18:24

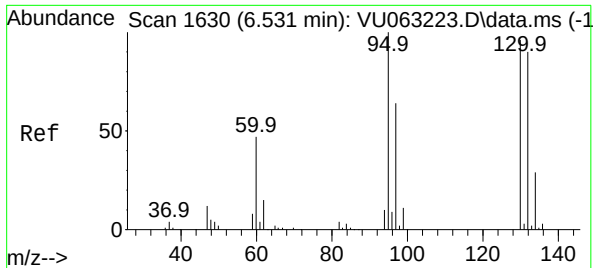
Tgt Ion: 62 Resp: 41264

Ion Ratio Lower Upper

62 100

98 8.8 6.9 10.3

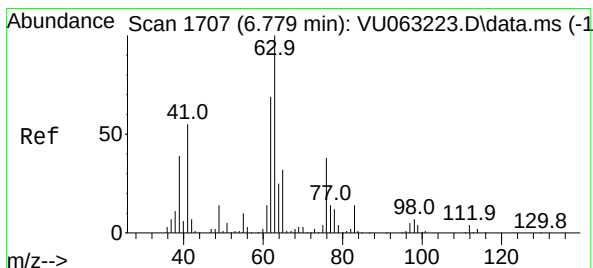
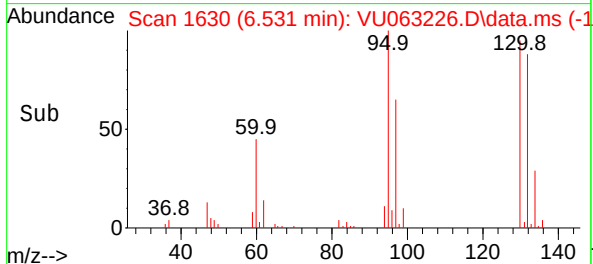
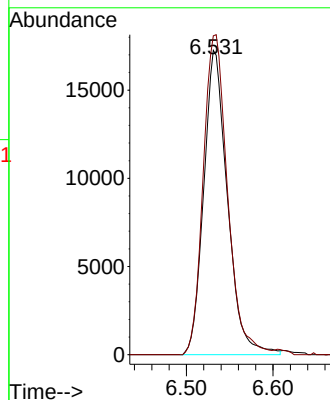
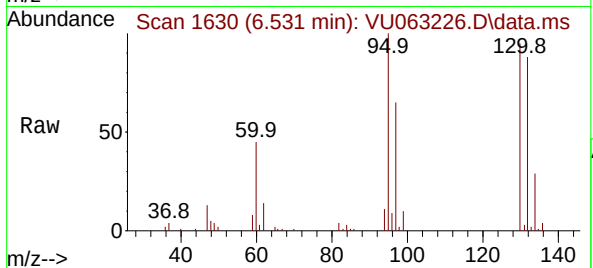




#37
Trichloroethene
Concen: 1.981 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

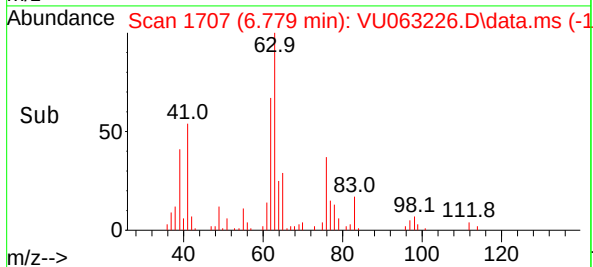
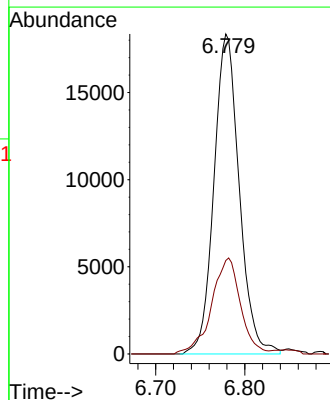
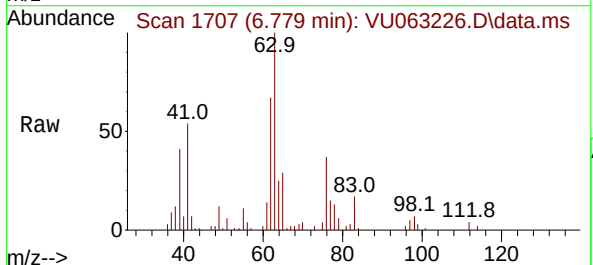
Instrument :
MSVOA_U
ClientSampleId :

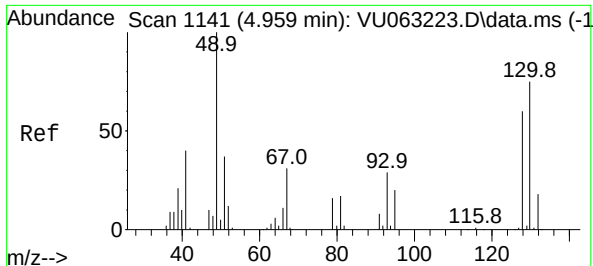
Tgt Ion:130 Resp: 32894
Ion Ratio Lower Upper
130 100
95 104.8 83.2 124.8



#38
1,2-Dichloropropane
Concen: 1.980 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion: 63 Resp: 36191
Ion Ratio Lower Upper
63 100
65 28.2 25.3 37.9





#39

Methacrylonitrile

Concen: 2.168 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.010 min

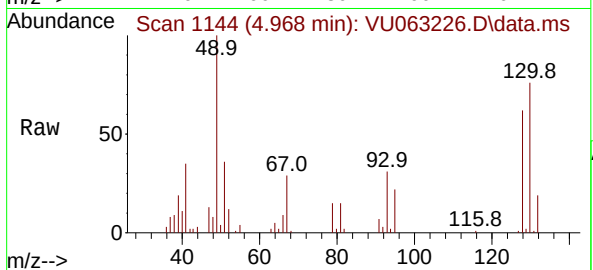
Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 9914

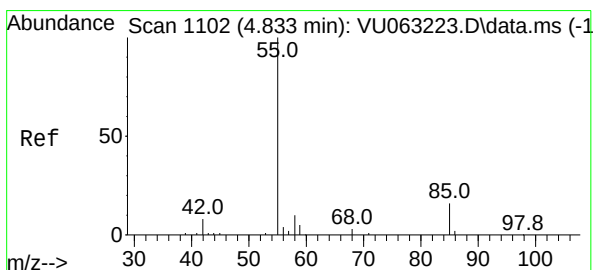
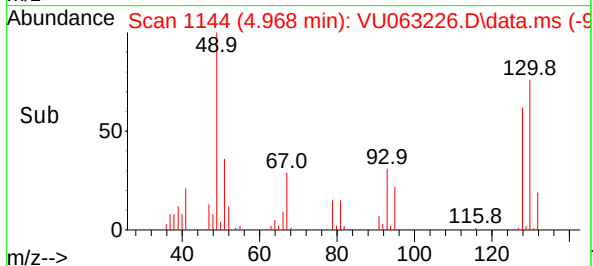
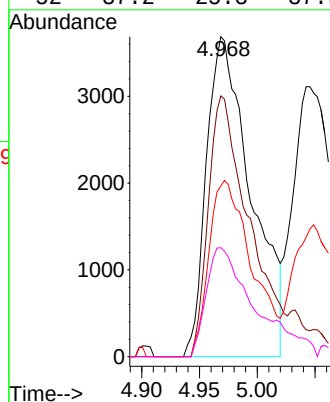
Ion Ratio Lower Upper

41 100

67 75.3 64.5 96.7

39 53.1 43.0 64.6

52 37.2 25.3 37.9



#40

Methyl acrylate

Concen: 1.628 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.016 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Tgt Ion: 55 Resp: 13724

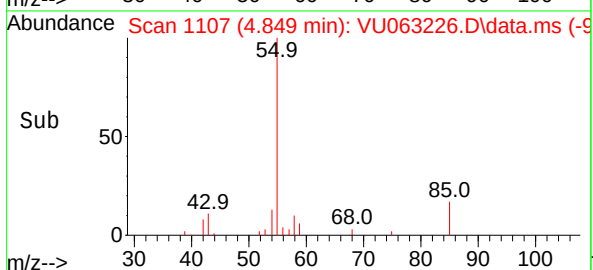
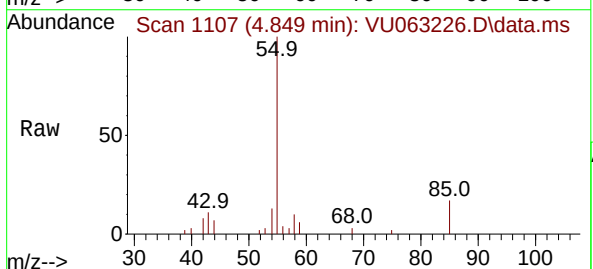
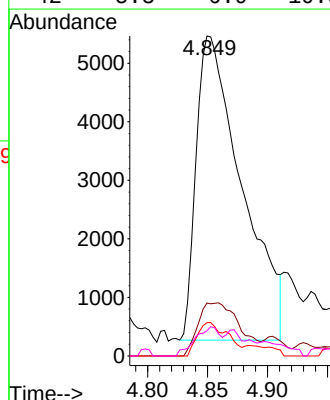
Ion Ratio Lower Upper

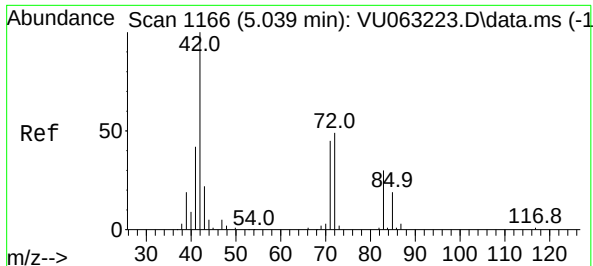
55 100

85 16.1 13.3 19.9

58 7.3 7.3 10.9

42 5.3 6.9 10.3#





#41

Tetrahydrofuran

Concen: 4.414 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. 0.013 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

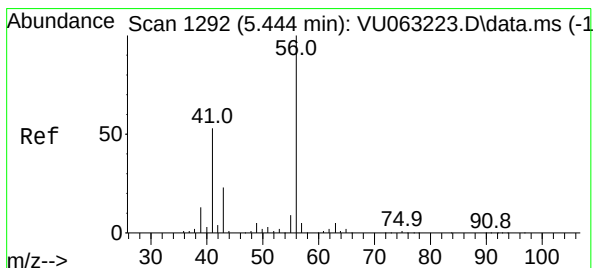
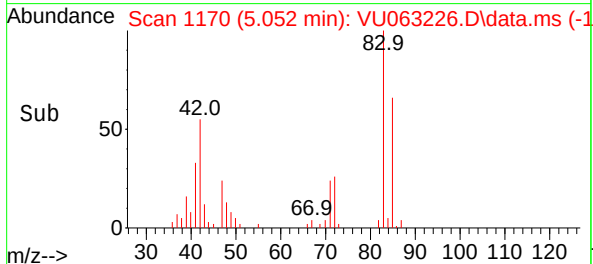
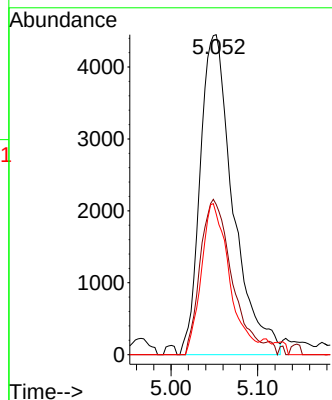
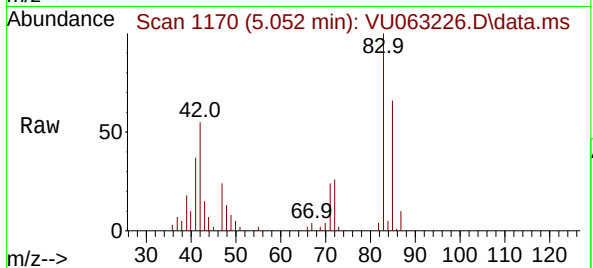
Tgt Ion: 42 Resp: 11742

Ion Ratio Lower Upper

42 100

72 46.6 41.5 62.3

71 40.4 37.2 55.8



#42

1-Chlorobutane

Concen: 2.006 ug/l

RT: 5.444 min Scan# 1292

Delta R.T. 0.000 min

Lab File: VU063226.D

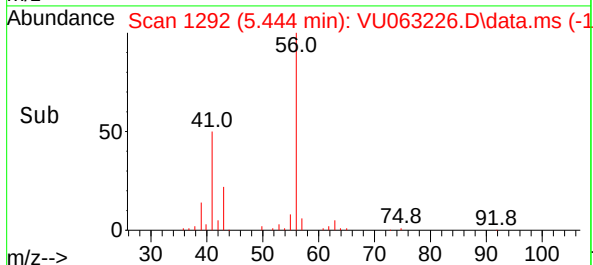
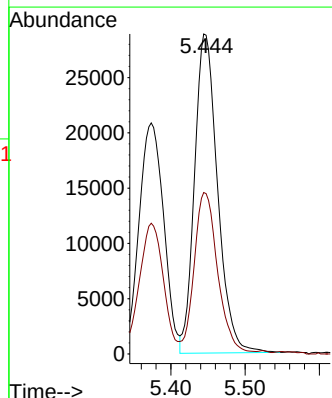
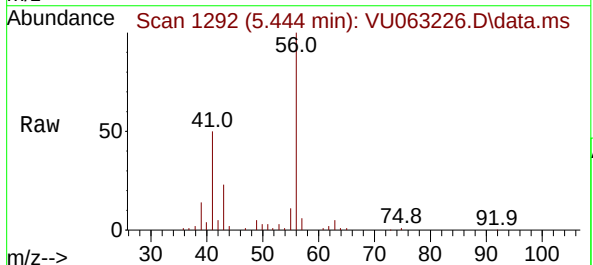
Acq: 10 Feb 2025 18:24

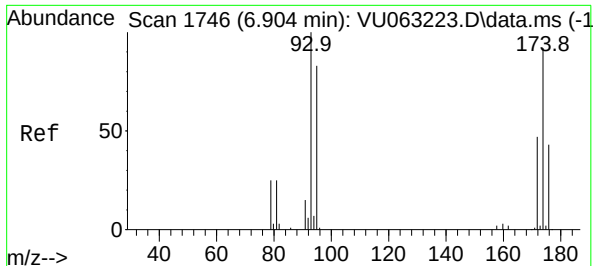
Tgt Ion: 56 Resp: 62330

Ion Ratio Lower Upper

56 100

41 50.2 26.3 78.8





#43

Dibromomethane

Concen: 2.055 ug/l

RT: 6.907 min Scan# 1

Delta R.T. 0.003 min

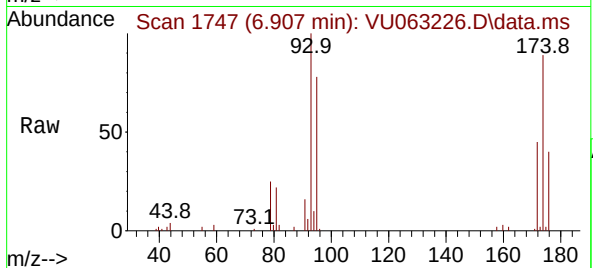
Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :



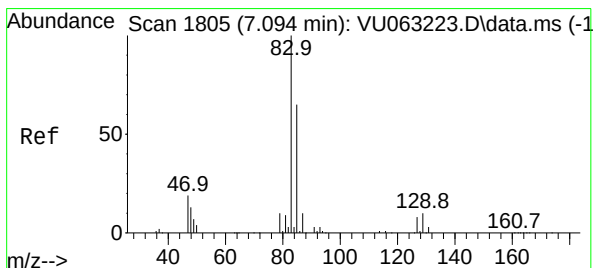
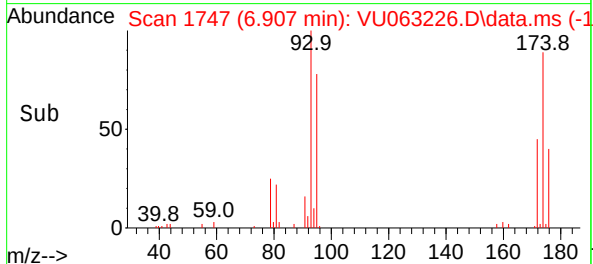
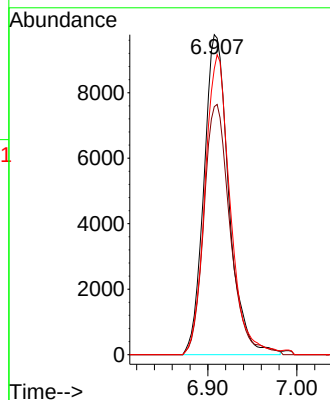
Tgt Ion: 93 Resp: 19013

Ion Ratio Lower Upper

93 100

95 82.3 67.2 100.8

174 94.6 75.7 113.5



#44

Bromodichloromethane

Concen: 2.005 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

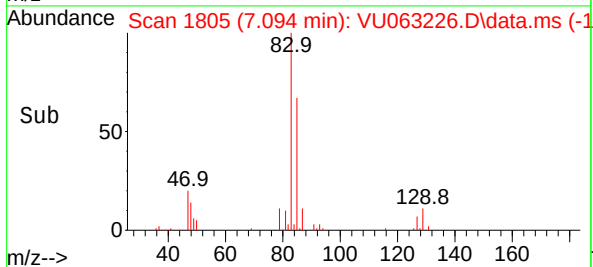
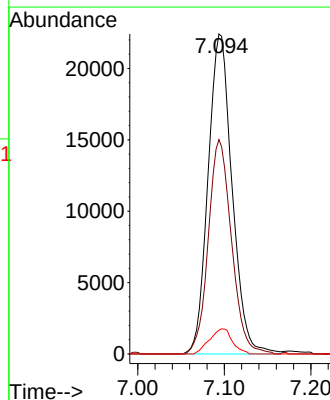
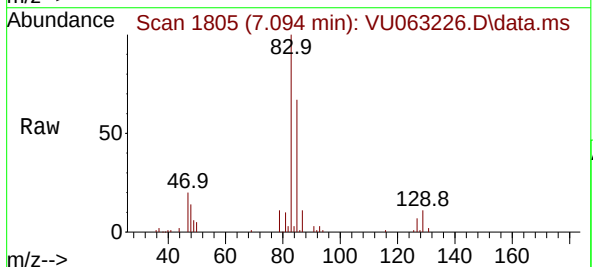
Tgt Ion: 83 Resp: 43189

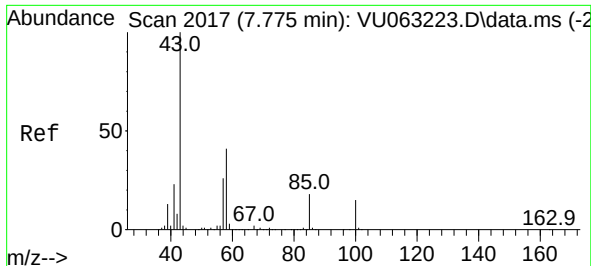
Ion Ratio Lower Upper

83 100

85 67.0 51.7 77.5

127 7.4 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 10.570 ug/l

RT: 7.779 min Scan# 2017

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

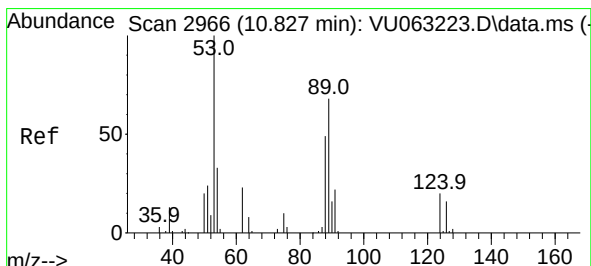
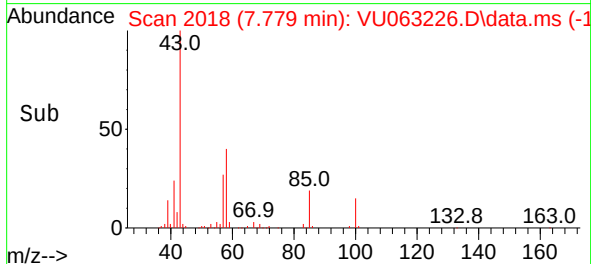
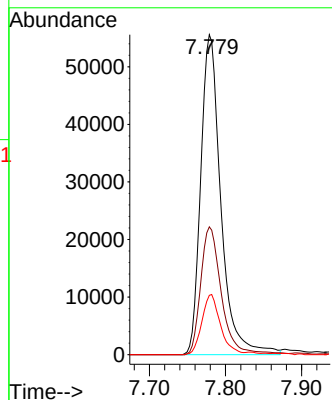
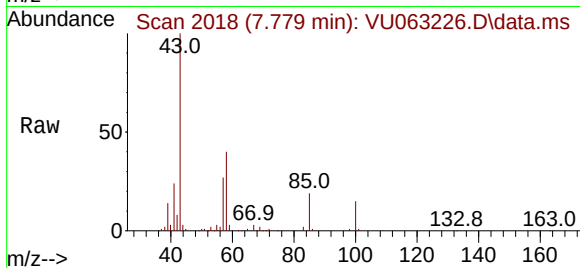
Tgt Ion: 43 Resp: 102545

Ion Ratio Lower Upper

43 100

58 41.1 20.8 62.5

85 17.3 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 9.057 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Tgt Ion: 75 Resp: 41306

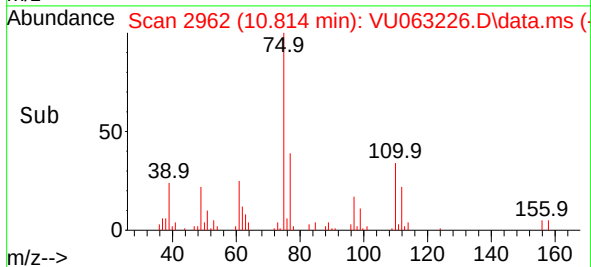
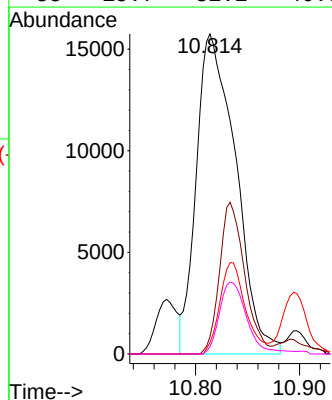
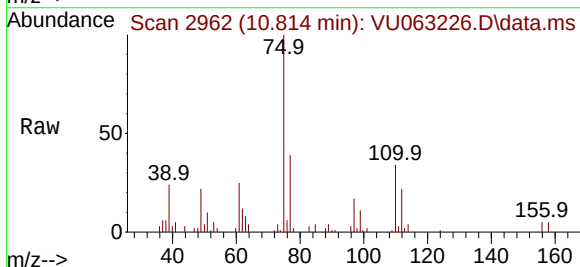
Ion Ratio Lower Upper

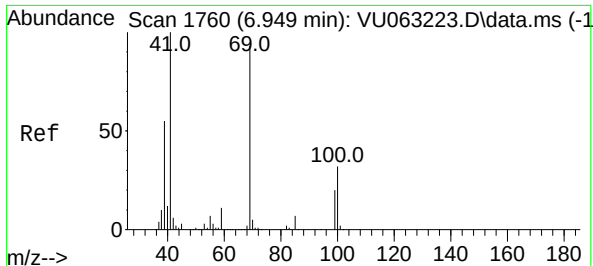
75 100

53 30.4 64.5 96.7#

89 18.8 43.4 65.2#

88 15.7 31.2 46.8#





#47

Methyl methacrylate

Concen: 4.155 ug/l

RT: 6.952 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 32386

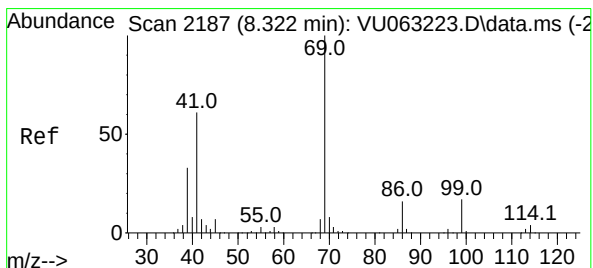
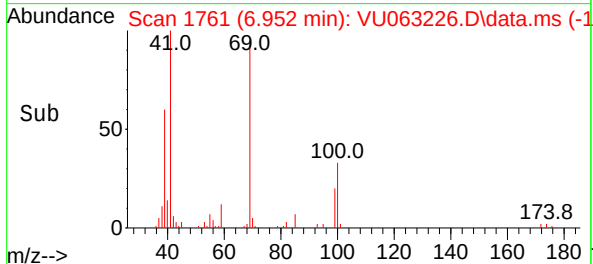
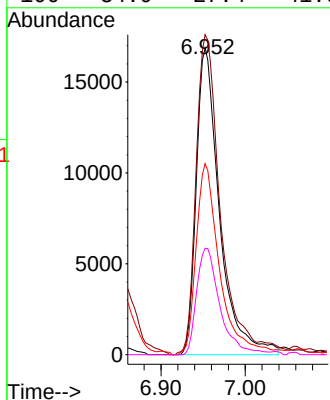
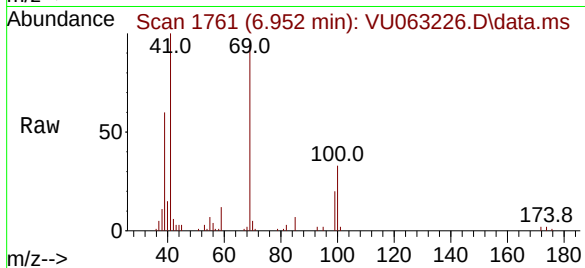
Ion Ratio Lower Upper

69 100

41 110.5 0.0 217.0

39 63.6 47.7 71.5

100 34.9 27.4 41.0



#48

Ethyl methacrylate

Concen: 2.097 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VU063226.D

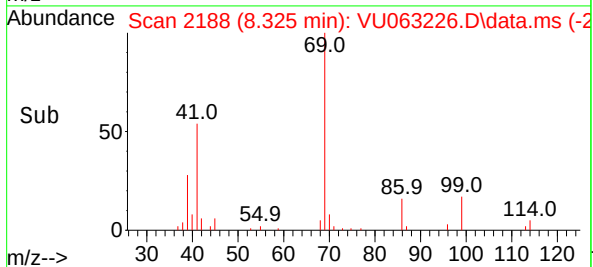
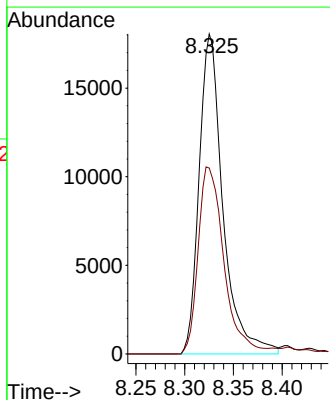
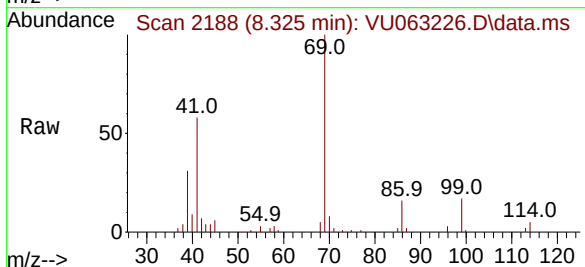
Acq: 10 Feb 2025 18:24

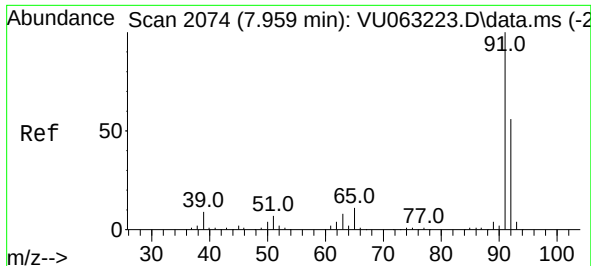
Tgt Ion: 69 Resp: 30695

Ion Ratio Lower Upper

69 100

41 63.0 30.6 92.0





#49

Toluene

Concen: 2.003 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

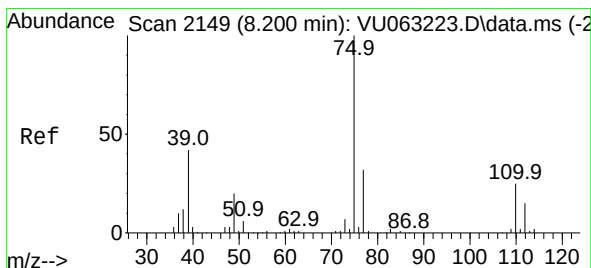
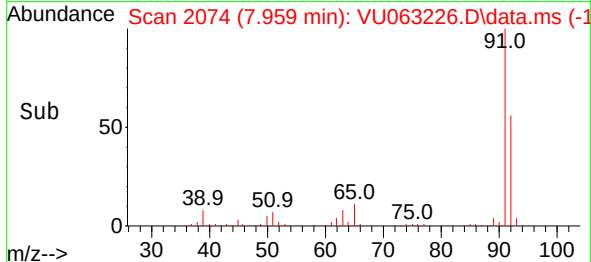
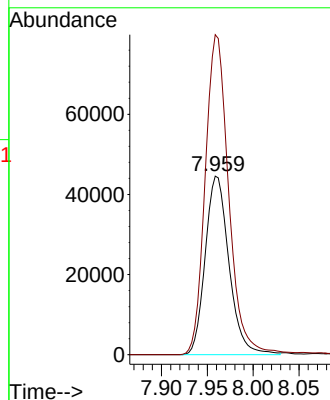
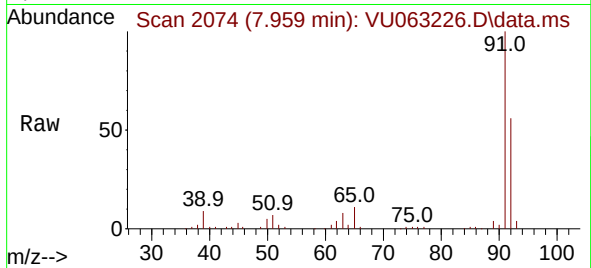
ClientSampleId :

Tgt Ion: 92 Resp: 80408

Ion Ratio Lower Upper

92 100

91 177.2 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 2.046 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063226.D

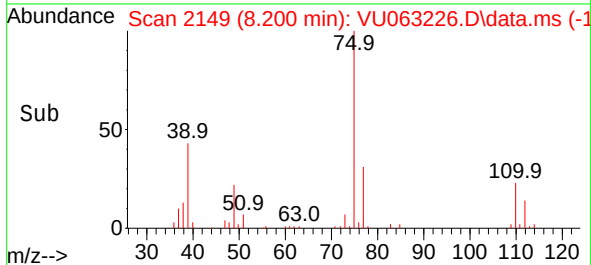
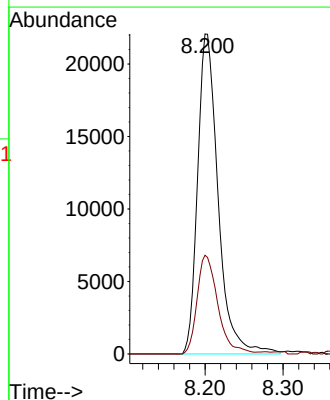
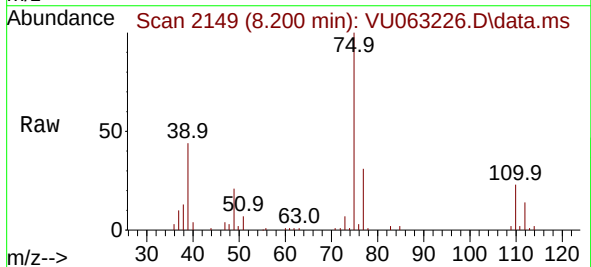
Acq: 10 Feb 2025 18:24

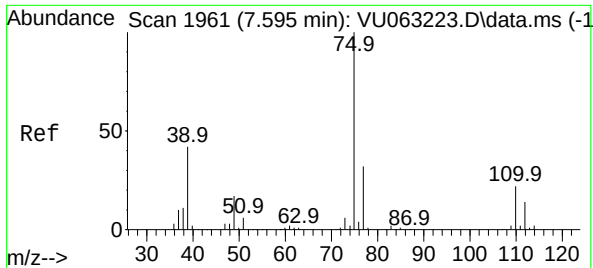
Tgt Ion: 75 Resp: 40335

Ion Ratio Lower Upper

75 100

77 30.9 25.9 38.9

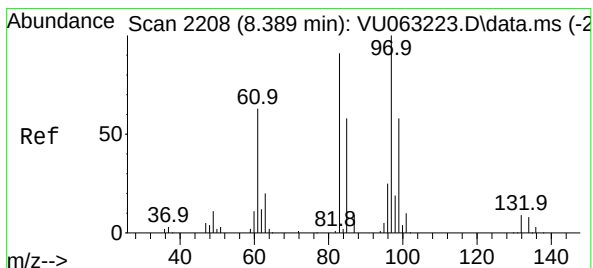
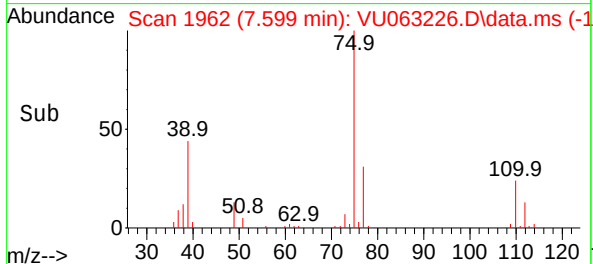
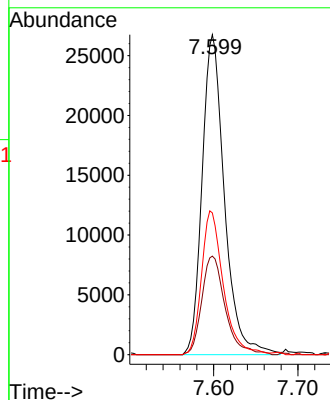
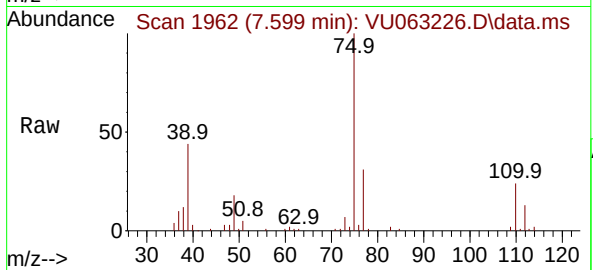




#51
 cis-1,3-Dichloropropene
 Concen: 2.024 ug/l
 RT: 7.599 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

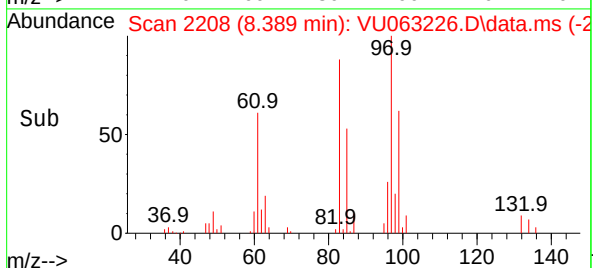
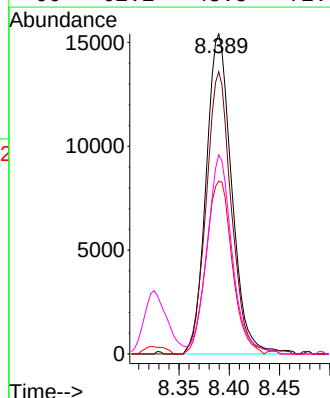
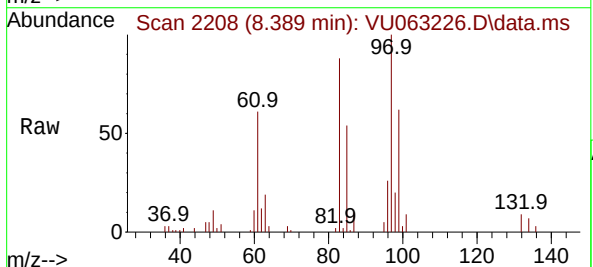
Instrument :
 MSVOA_U
 ClientSampleId :

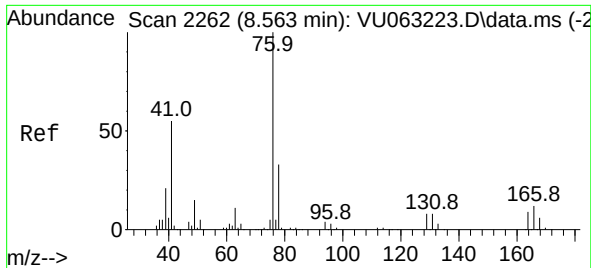
Tgt Ion: 75 Resp: 49298
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.3 37.9
 39 44.3 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 2.177 ug/l
 RT: 8.389 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

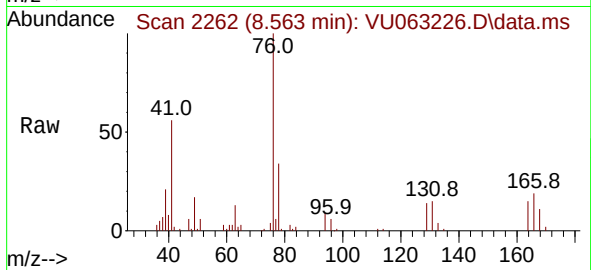
Tgt Ion: 97 Resp: 27156
 Ion Ratio Lower Upper
 97 100
 83 88.2 73.0 109.4
 85 54.0 46.3 69.5
 99 62.2 48.5 72.7



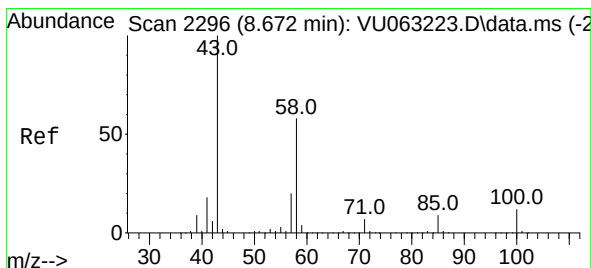
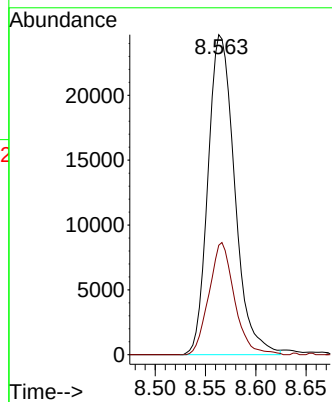
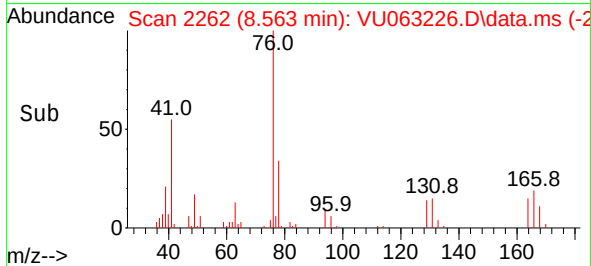


#53
1,3-Dichloropropane
Concen: 2.056 ug/l
RT: 8.563 min Scan# 2262
Delta R.T. -0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

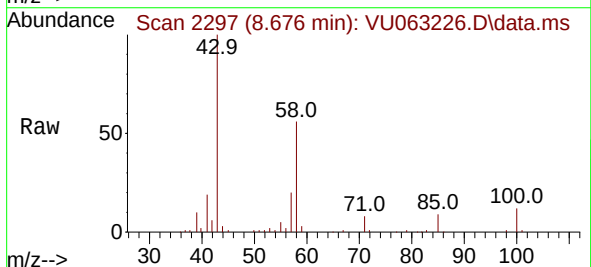
Instrument :
MSVOA_U
ClientSampleId :



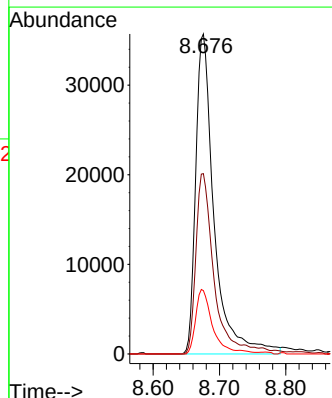
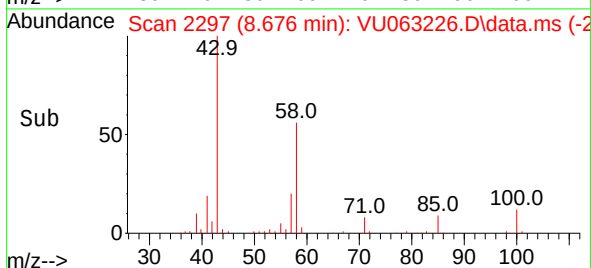
Tgt Ion: 76 Resp: 45544
Ion Ratio Lower Upper
76 100
78 33.5 26.3 39.5

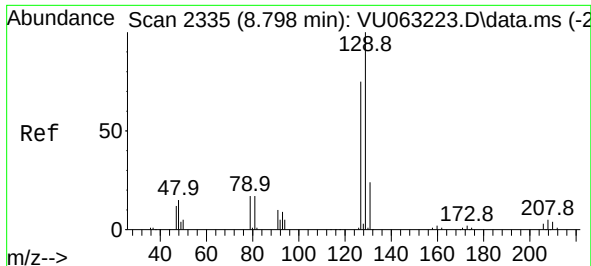


#54
2-Hexanone
Concen: 10.388 ug/l
RT: 8.676 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24



Tgt Ion: 43 Resp: 68770
Ion Ratio Lower Upper
43 100
58 55.8 38.0 78.0
57 18.8 0.0 39.1





#55

Dibromochloromethane

Concen: 2.116 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. -0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

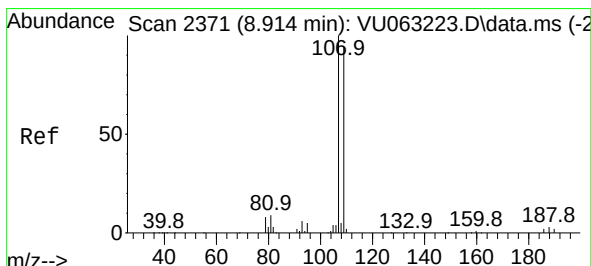
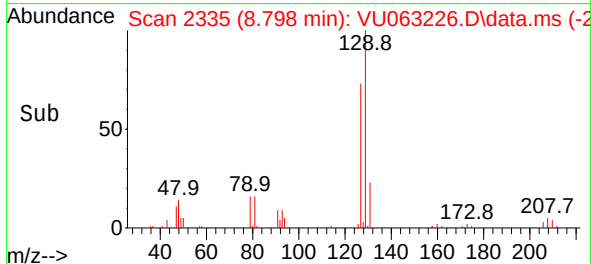
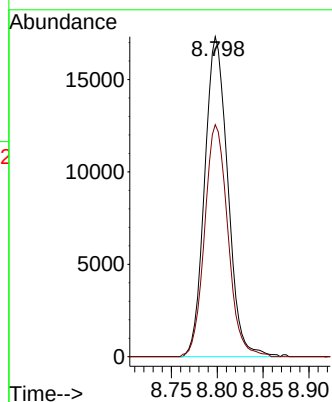
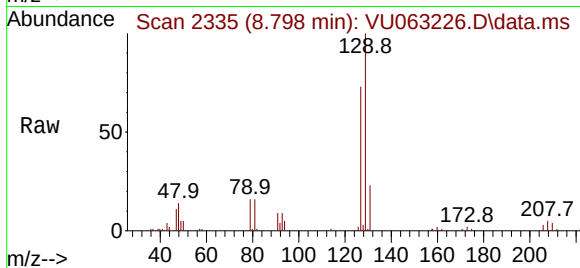
ClientSampleId :

Tgt Ion:129 Resp: 30379

Ion Ratio Lower Upper

129 100

127 73.0 60.4 90.6



#56

1,2-Dibromoethane

Concen: 2.076 ug/l

RT: 8.914 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU063226.D

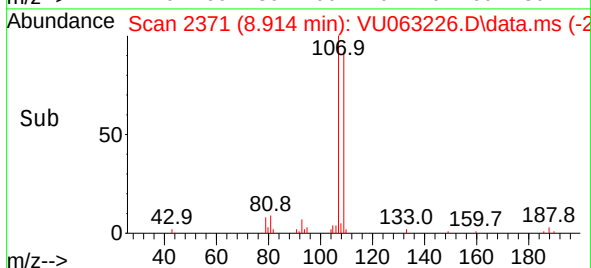
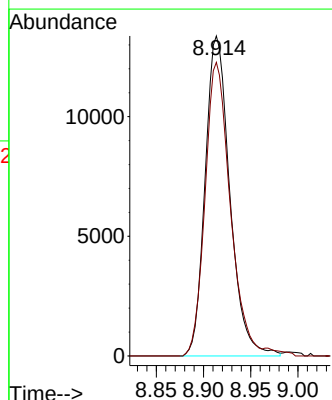
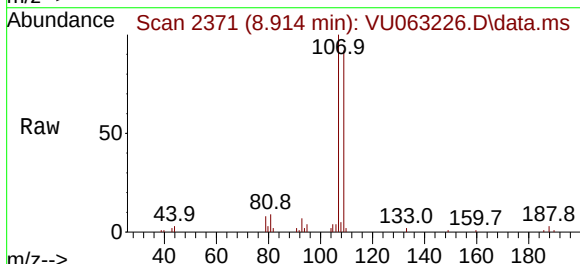
Acq: 10 Feb 2025 18:24

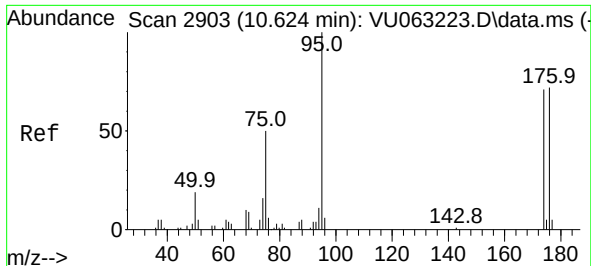
Tgt Ion:107 Resp: 24293

Ion Ratio Lower Upper

107 100

109 93.2 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.990 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. 0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

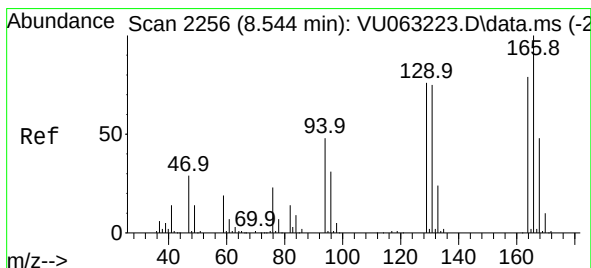
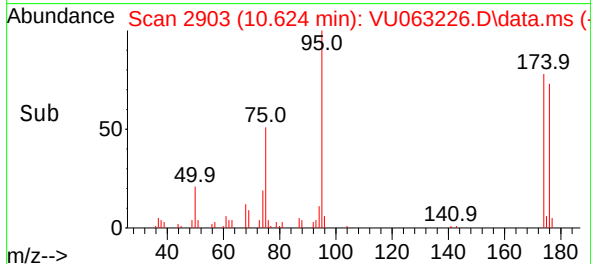
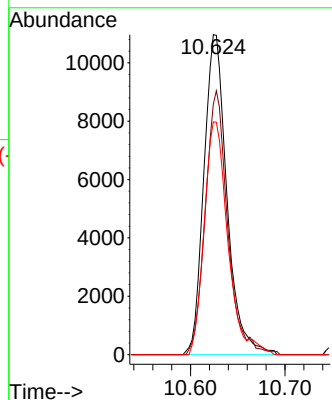
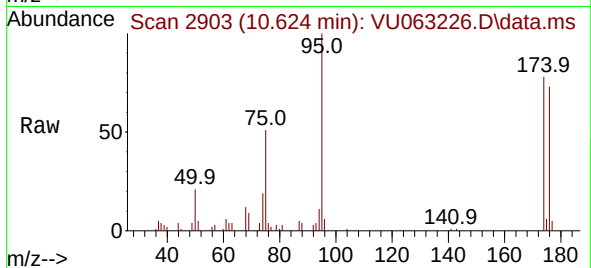
Tgt Ion: 95 Resp: 18557

Ion Ratio Lower Upper

95 100

174 80.0 58.6 88.0

176 74.7 58.2 87.4



#58

Tetrachloroethene

Concen: 2.038 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Tgt Ion: 164 Resp: 27886

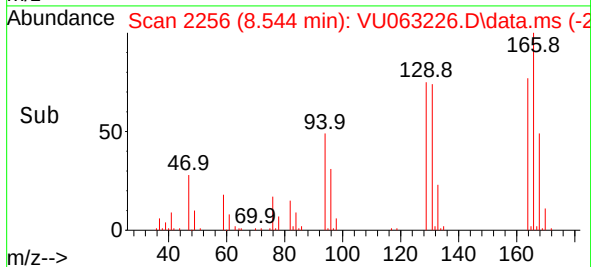
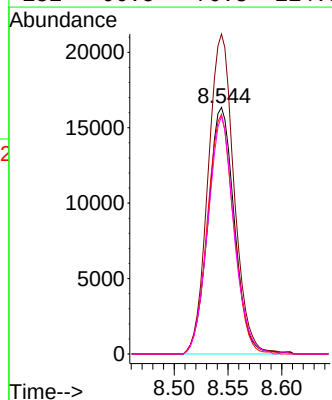
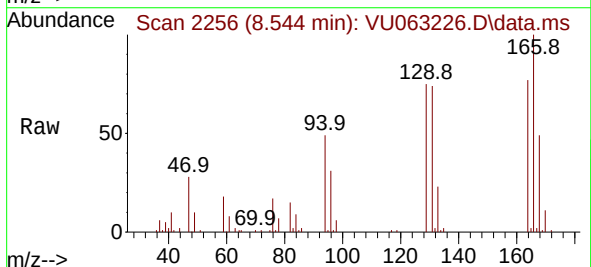
Ion Ratio Lower Upper

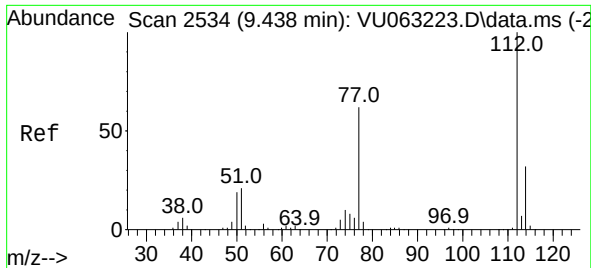
164 100

166 129.8 101.4 152.0

129 97.1 77.0 115.4

131 96.5 76.3 114.5





#59

Chlorobenzene

Concen: 2.016 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

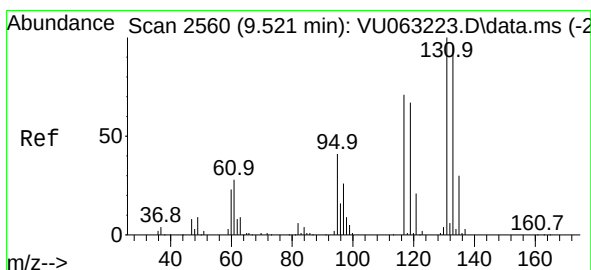
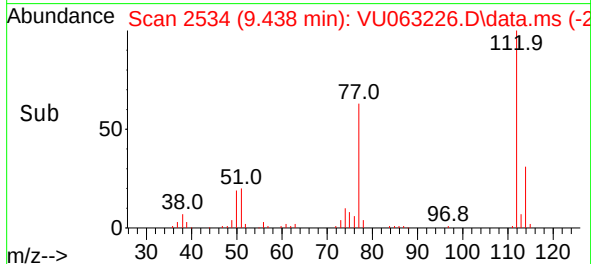
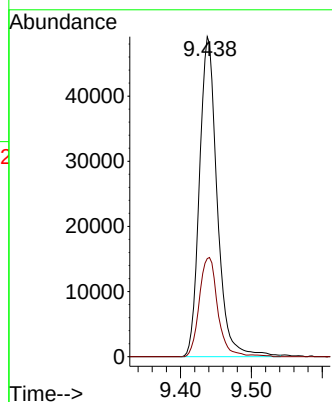
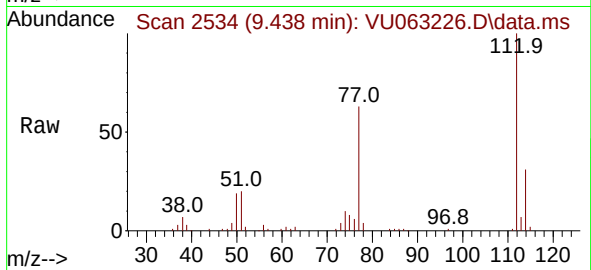
ClientSampleId :

Tgt Ion:112 Resp: 85423

Ion Ratio Lower Upper

112 100

114 30.6 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 1.986 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

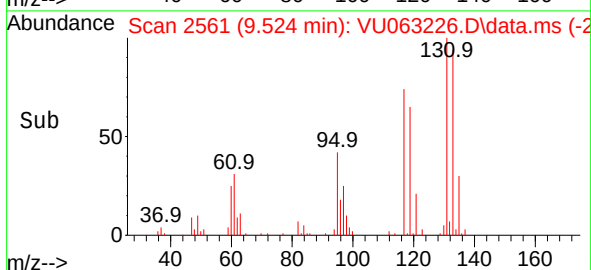
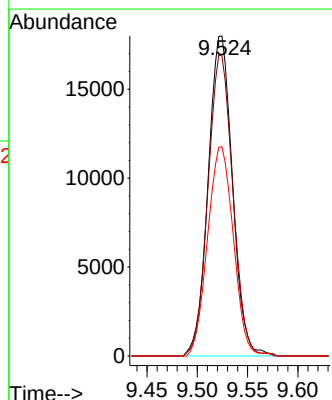
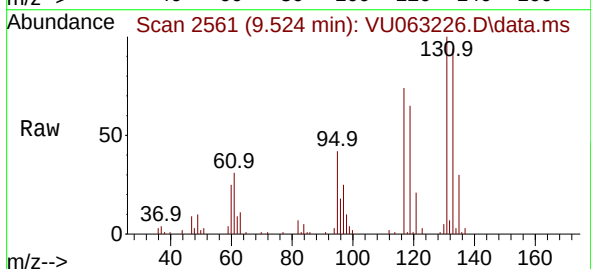
Tgt Ion:131 Resp: 30254

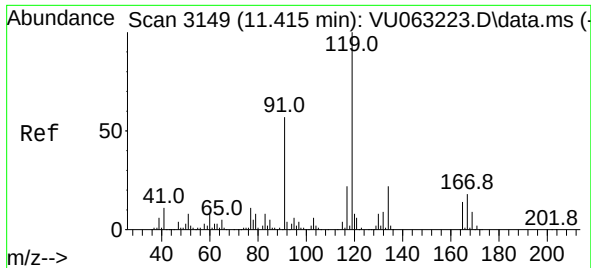
Ion Ratio Lower Upper

131 100

133 96.1 76.7 115.1

119 69.4 54.4 81.6

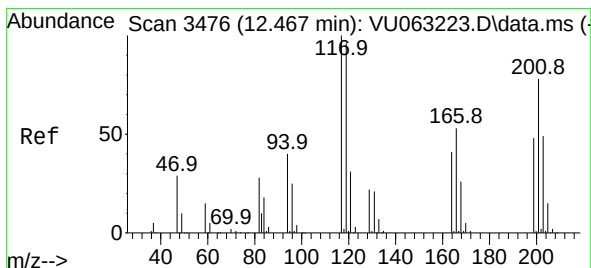
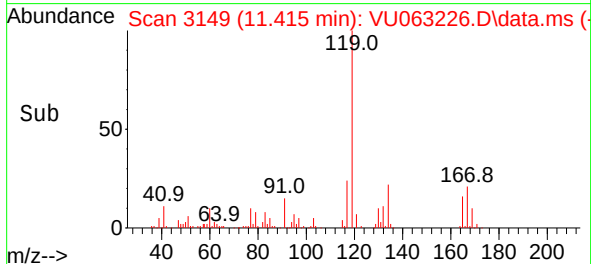
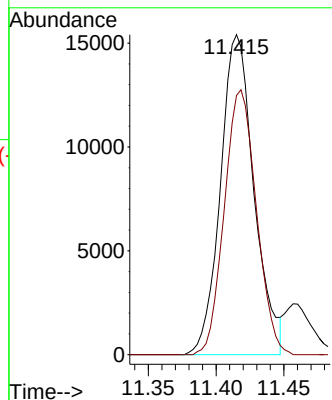
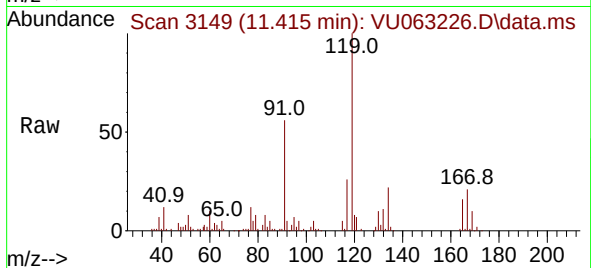




#61
 Pentachloroethane
 Concen: 1.953 ug/l
 RT: 11.415 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

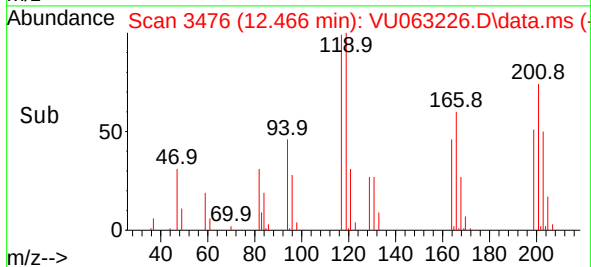
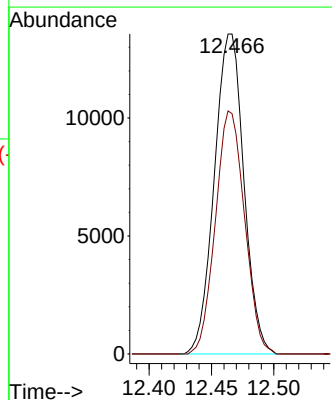
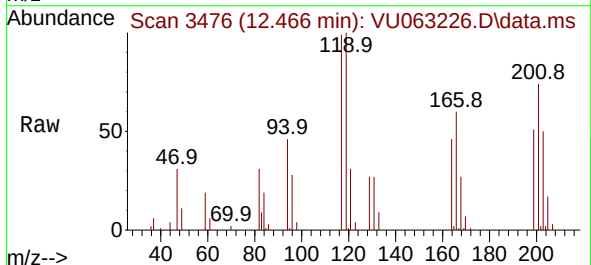
Instrument :
 MSVOA_U
 ClientSampleId :

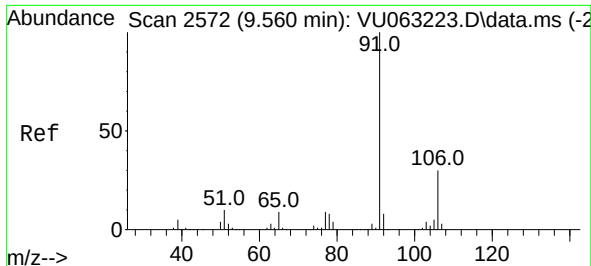
Tgt Ion:117 Resp: 26565
 Ion Ratio Lower Upper
 117 100
 167 78.9 65.0 97.6



#62
 Hexachloroethane
 Concen: 1.861 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

Tgt Ion:117 Resp: 22398
 Ion Ratio Lower Upper
 117 100
 201 74.8 61.3 91.9





#63

Ethyl Benzene

Concen: 1.951 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

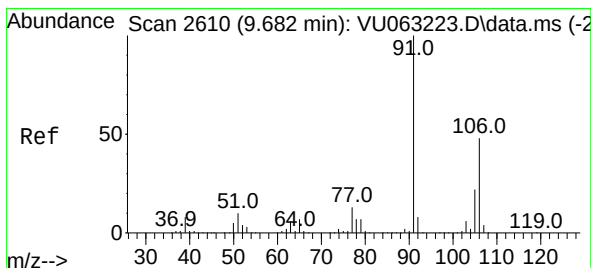
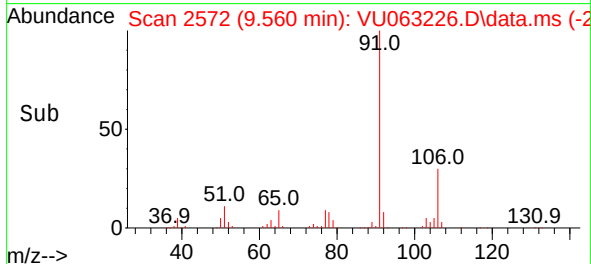
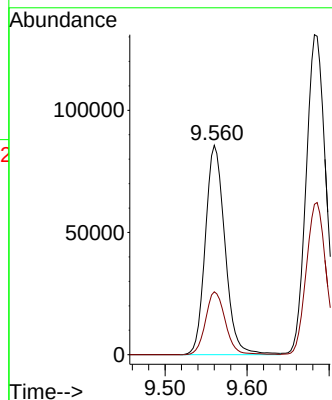
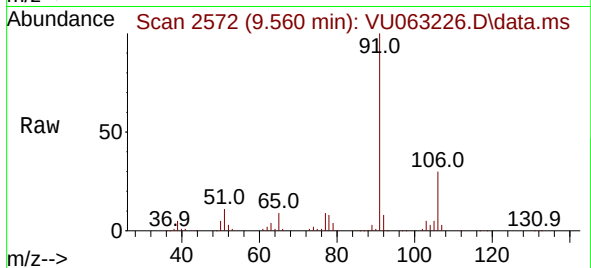
ClientSampleId :

Tgt Ion: 91 Resp: 142578

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.2



#64

m/p-Xylenes

Concen: 3.985 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063226.D

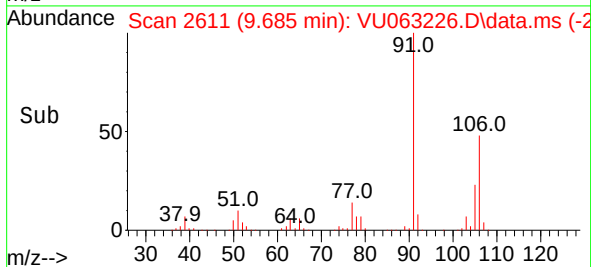
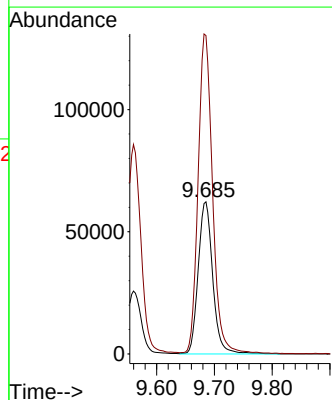
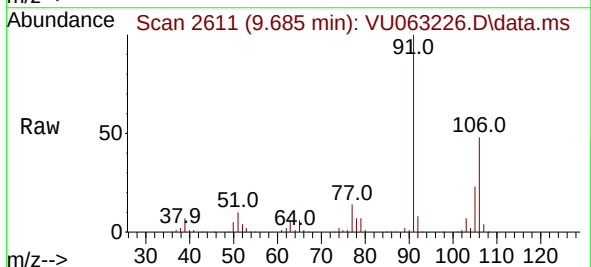
Acq: 10 Feb 2025 18:24

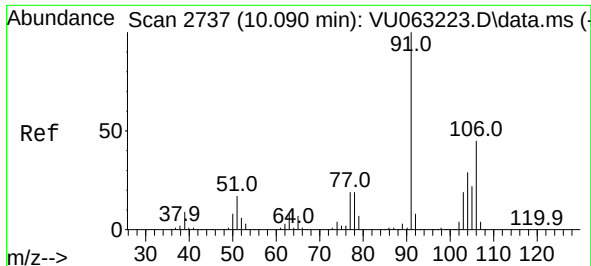
Tgt Ion: 106 Resp: 108774

Ion Ratio Lower Upper

106 100

91 207.7 166.9 250.3

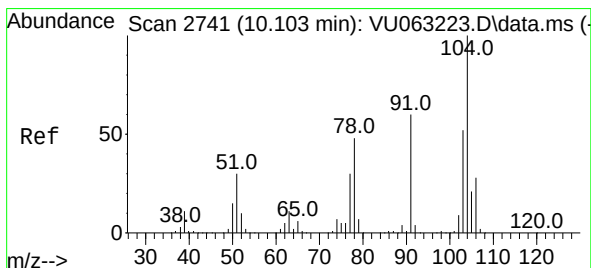
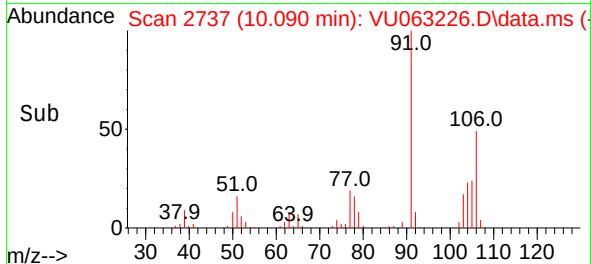
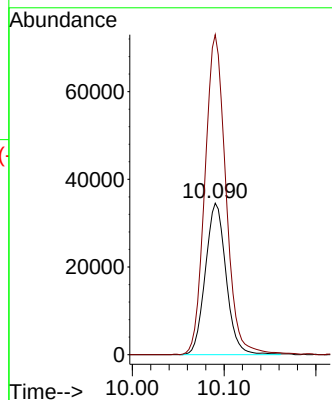
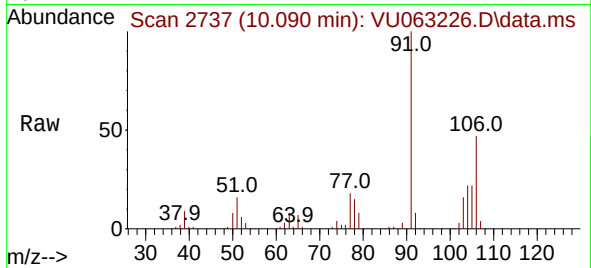




#65
o-Xylene
Concen: 2.035 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

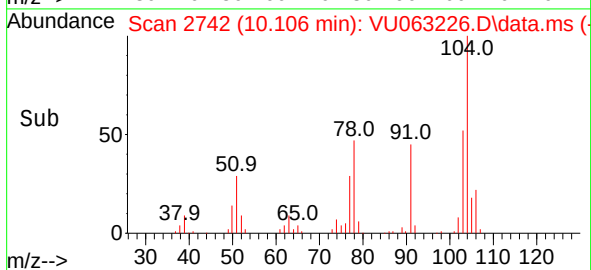
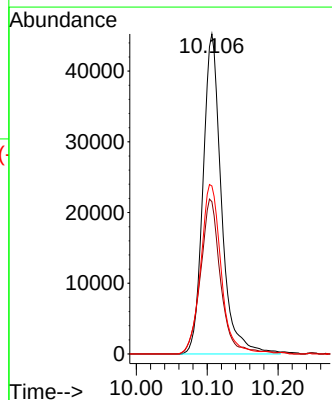
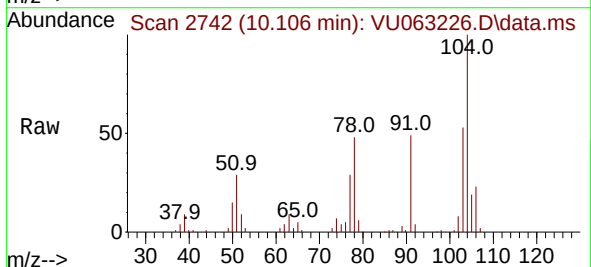
Instrument :
MSVOA_U
ClientSampleId :

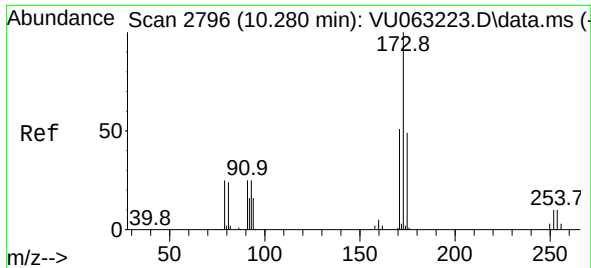
Tgt Ion:106 Resp: 54366
Ion Ratio Lower Upper
106 100
91 214.1 110.9 332.9



#66
Styrene
Concen: 1.925 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

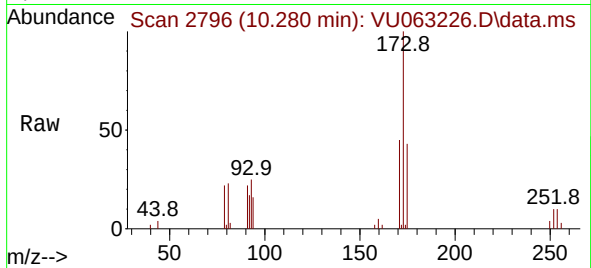
Tgt Ion:104 Resp: 81863
Ion Ratio Lower Upper
104 100
78 52.9 41.2 61.8
103 58.3 44.8 67.2



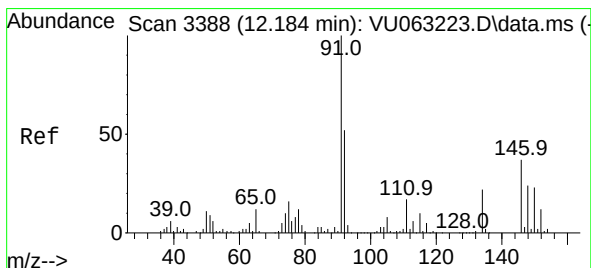
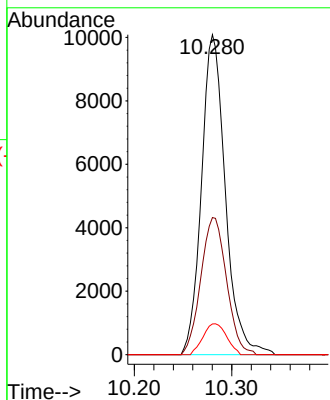
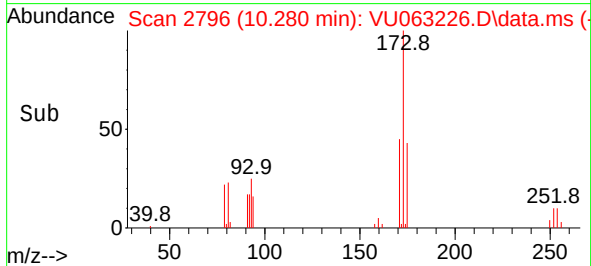


#67
Bromoform
Concen: 2.106 ug/l
RT: 10.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

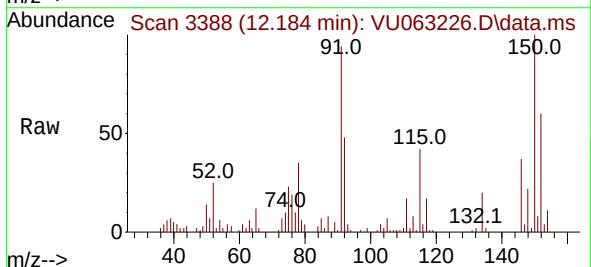
Instrument :
MSVOA_U
ClientSampleId :



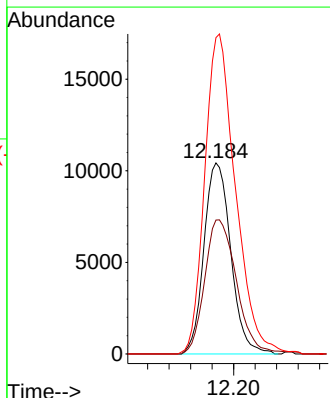
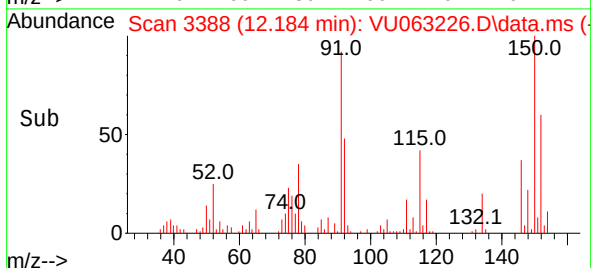
Tgt Ion:173 Resp: 17160
Ion Ratio Lower Upper
173 100
175 46.1 39.0 58.4
254 9.5 7.7 11.5

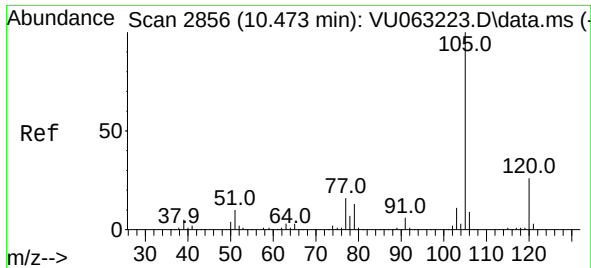


#68
1,2-Dichlorobenzene-d4
Concen: 0.928 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24



Tgt Ion:152 Resp: 18088
Ion Ratio Lower Upper
152 100
115 83.4 0.0 275.2
150 192.2 0.0 658.4

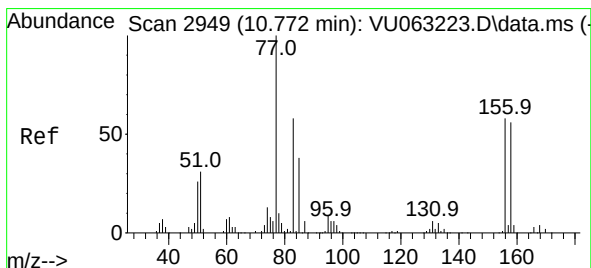
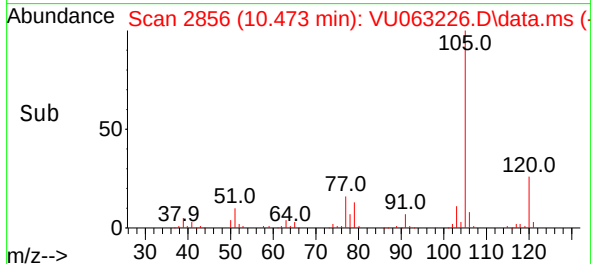
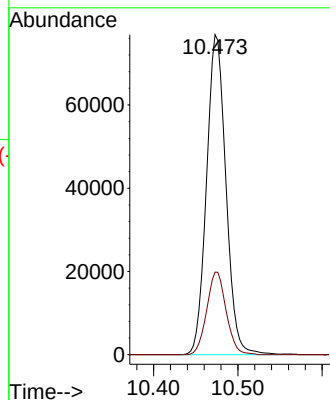
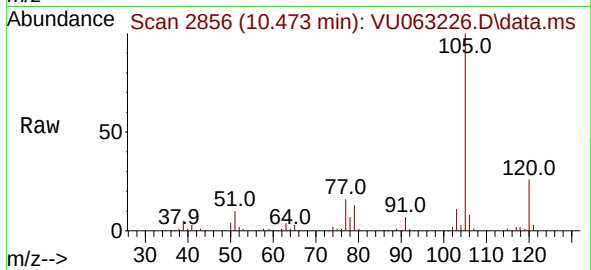




#69
Isopropylbenzene
Concen: 1.961 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

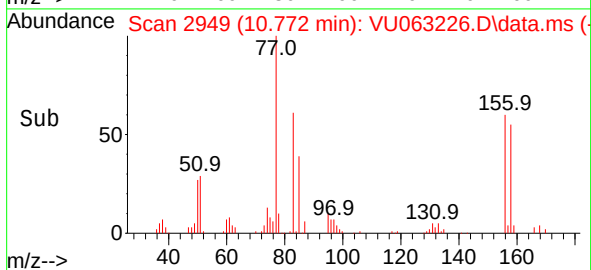
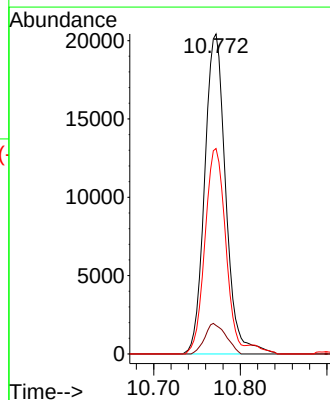
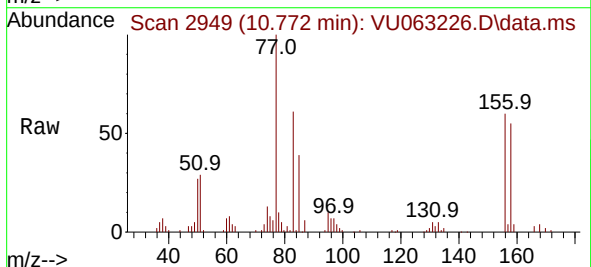
Instrument :
MSVOA_U
ClientSampleId :

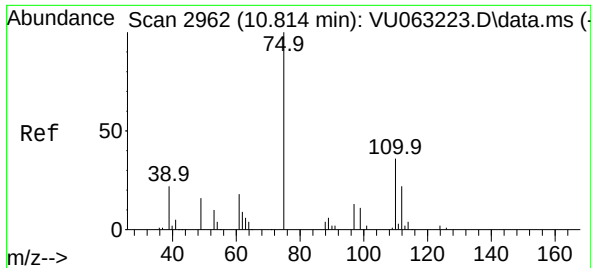
Tgt Ion:105 Resp: 123176
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 2.049 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion: 83 Resp: 34449
Ion Ratio Lower Upper
83 100
131 9.6 7.4 11.0
85 63.1 51.8 77.8

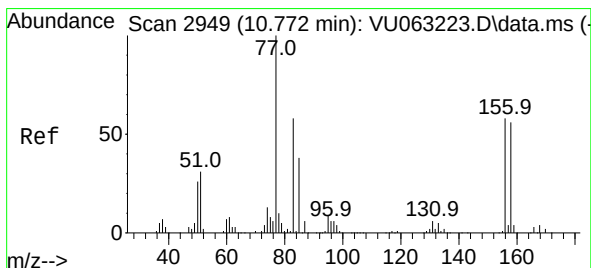
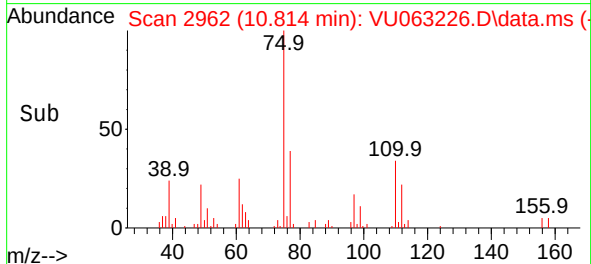
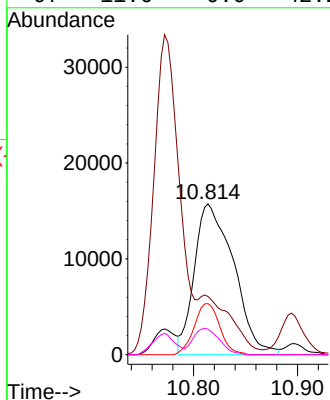
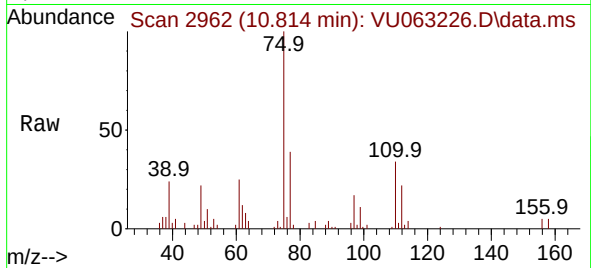




#71
1,2,3-Trichloropropane
Concen: 3.270 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

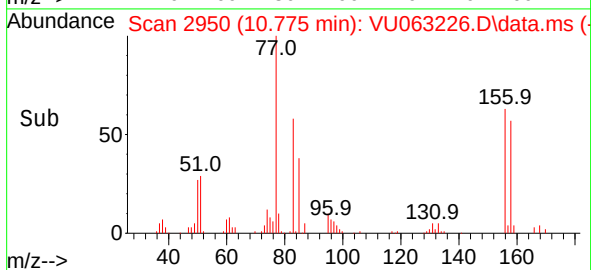
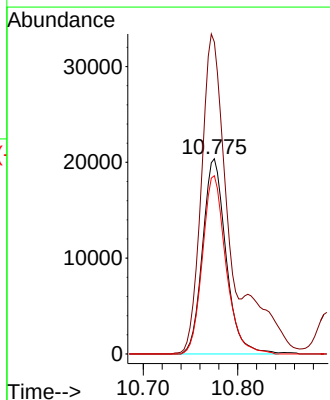
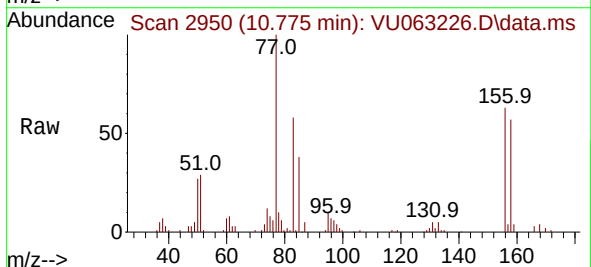
Instrument :
MSVOA_U
ClientSampleId :

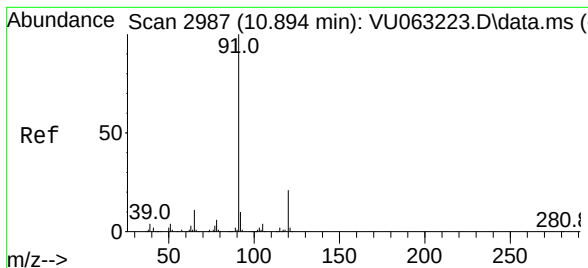
Tgt Ion:	75	Resp:	41306
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	22.1	0.0	77.0
97	11.6	0.0	42.2



#72
Bromobenzene
Concen: 2.071 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion:	156	Resp:	35050
Ion Ratio	Lower	Upper	
156	100		
77	166.9	0.0	343.6
158	91.7	0.0	193.0





#73

n-propylbenzene

Concen: 1.967 ug/l

RT: 10.894 min Scan# 2987

Delta R.T. -0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

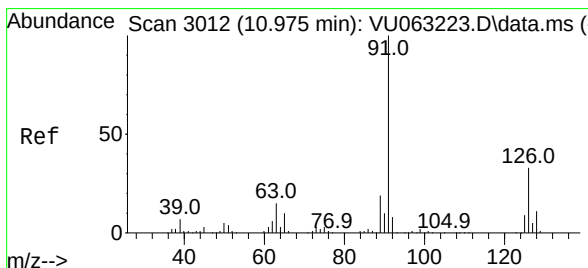
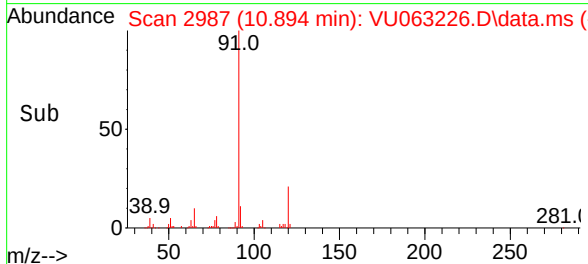
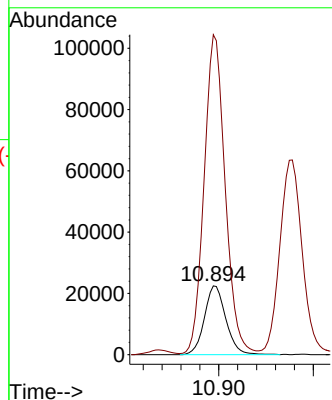
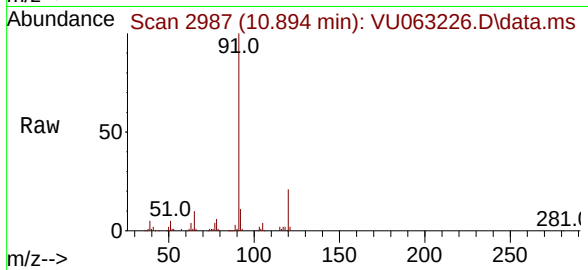
ClientSampleId :

Tgt Ion:120 Resp: 35370

Ion Ratio Lower Upper

120 100

91 453.7 369.8 554.6



#74

2-Chlorotoluene

Concen: 2.040 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.003 min

Lab File: VU063226.D

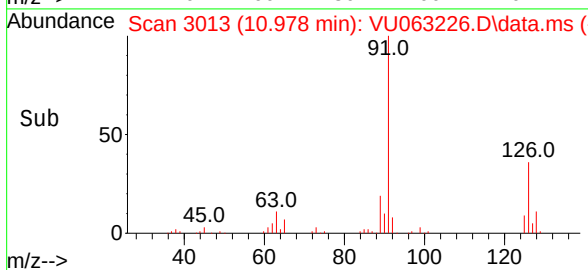
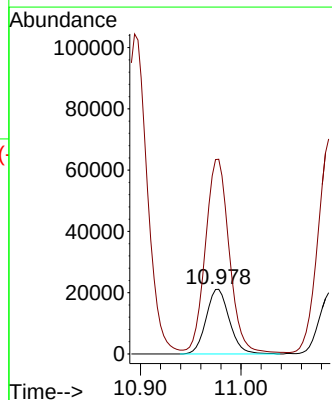
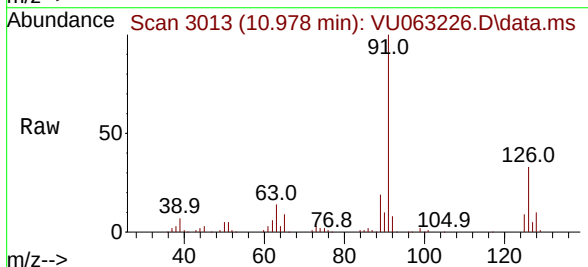
Acq: 10 Feb 2025 18:24

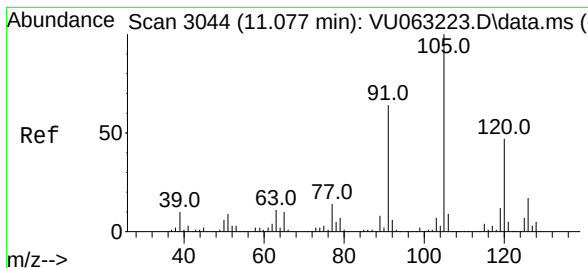
Tgt Ion:126 Resp: 33821

Ion Ratio Lower Upper

126 100

91 307.5 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 1.935 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

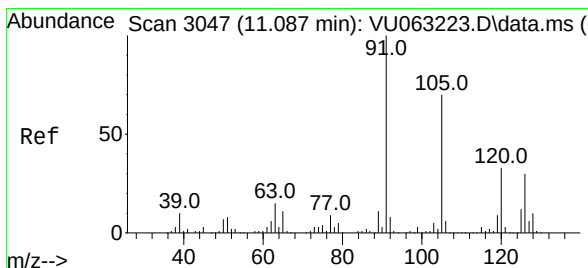
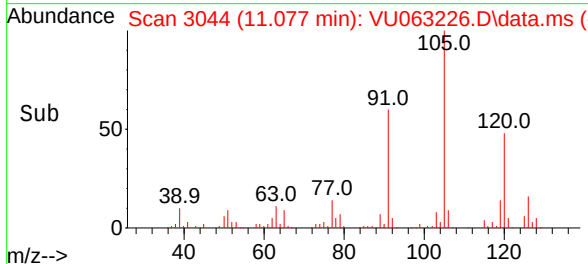
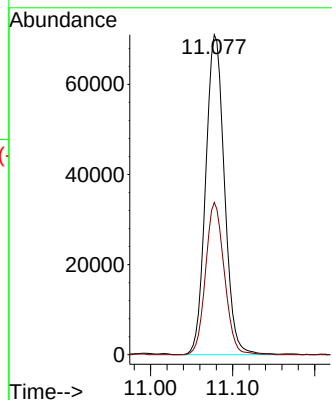
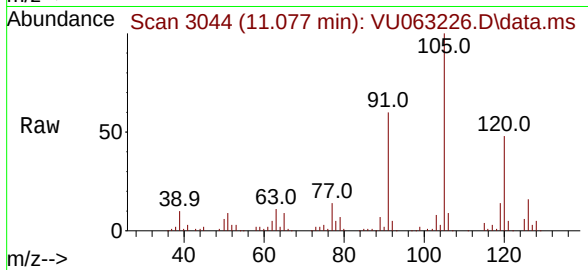
ClientSampleId :

Tgt Ion:105 Resp: 112651

Ion Ratio Lower Upper

105 100

120 47.6 37.3 55.9



#76

4-Chlorotoluene

Concen: 1.953 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VU063226.D

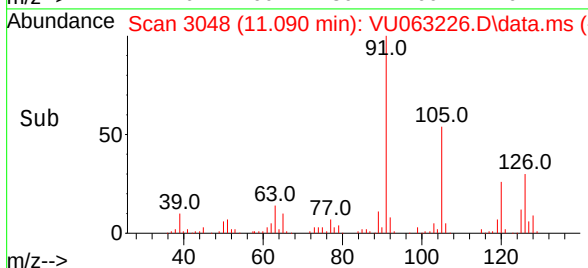
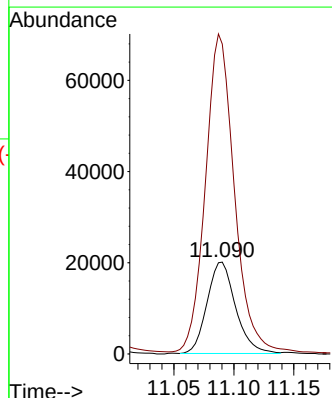
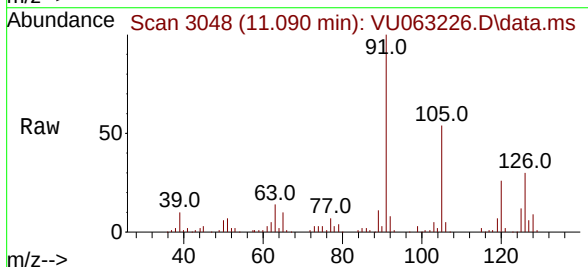
Acq: 10 Feb 2025 18:24

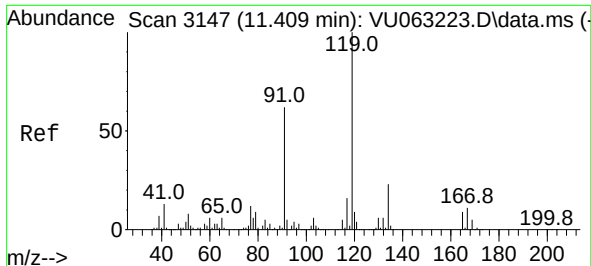
Tgt Ion:126 Resp: 33203

Ion Ratio Lower Upper

126 100

91 354.8 0.0 703.6

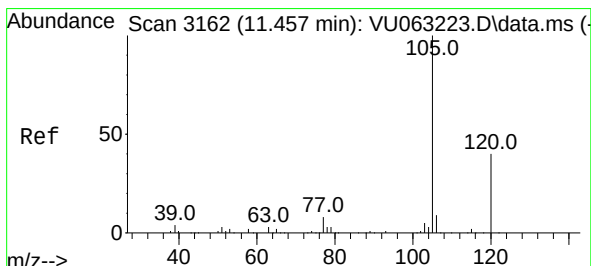
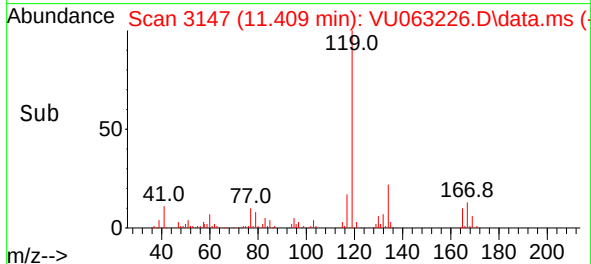
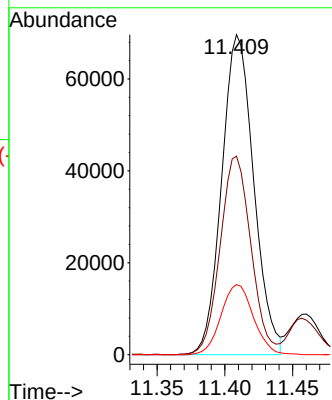
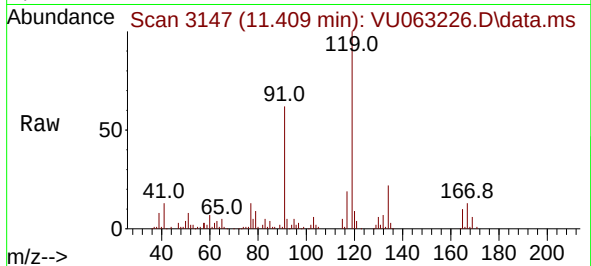




#77
tert-Butylbenzene
Concen: 1.944 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

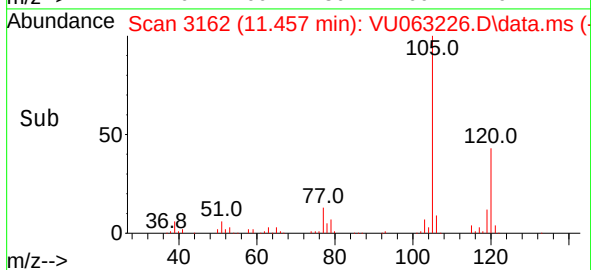
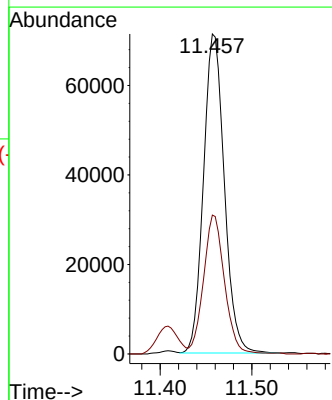
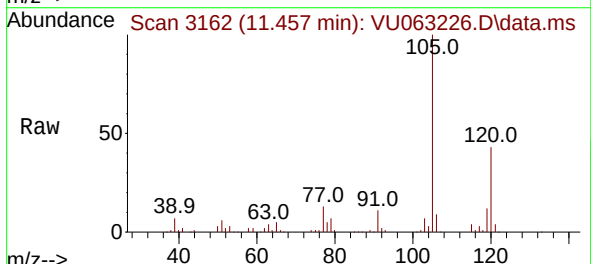
Instrument :
MSVOA_U
ClientSampleId :

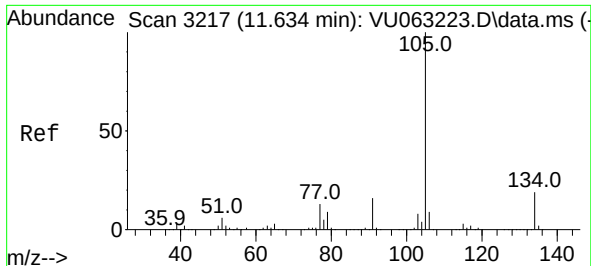
Tgt Ion:119 Resp: 114430
Ion Ratio Lower Upper
119 100
91 59.6 29.4 88.3
134 22.2 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 1.949 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU063226.D
Acq: 10 Feb 2025 18:24

Tgt Ion:105 Resp: 112560
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.7

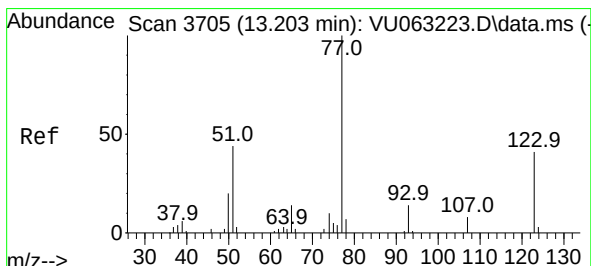
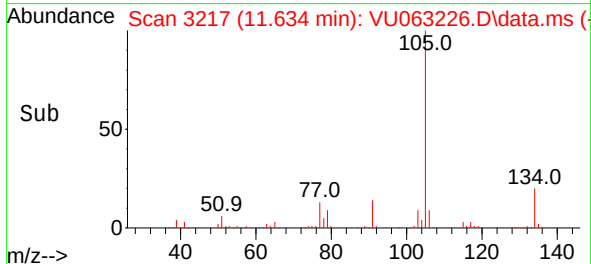
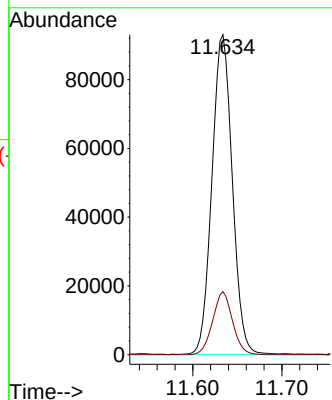
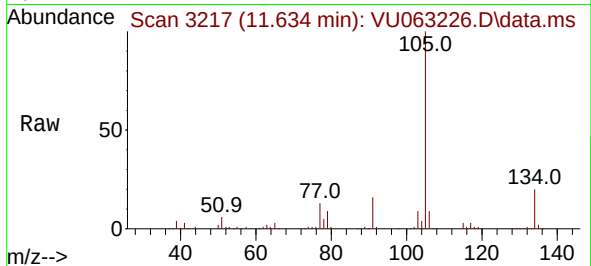




#79
 sec-Butylbenzene
 Concen: 1.965 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

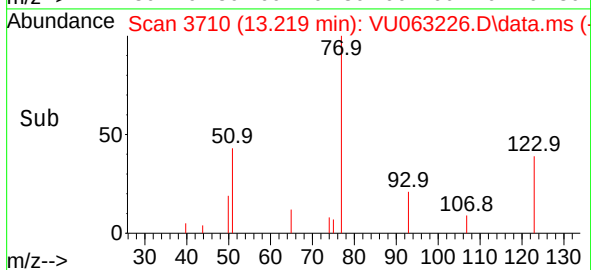
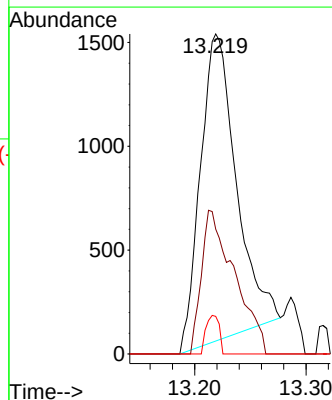
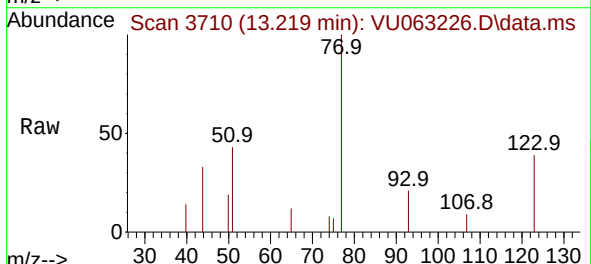
Instrument :
 MSVOA_U
 ClientSampleId :

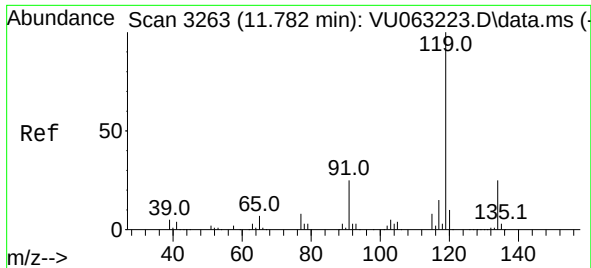
Tgt Ion:105 Resp: 147292
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.1 22.7



#80
 Nitrobenzene
 Concen: 9.997 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.016 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

Tgt Ion: 77 Resp: 3322
 Ion Ratio Lower Upper
 77 100
 123 43.0 18.9 67.1
 65 4.6 11.9 15.1#

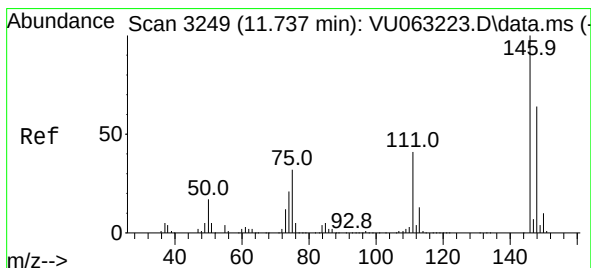
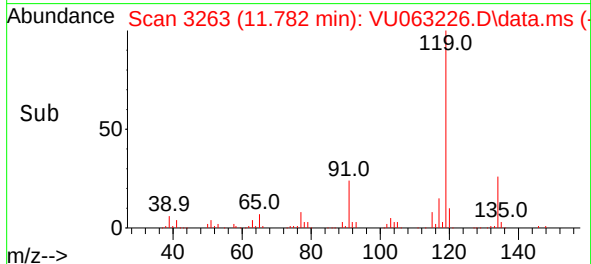
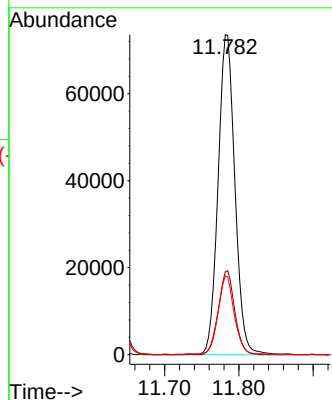
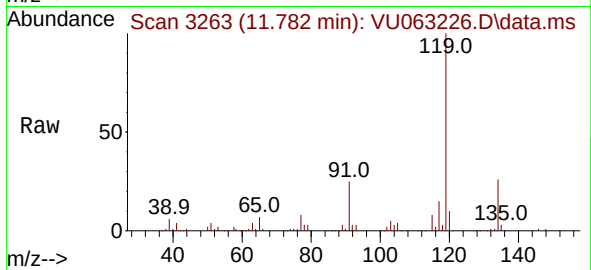




#81
 p-Isopropyltoluene
 Concen: 1.959 ug/l
 RT: 11.782 min Scan# 3263
 Delta R.T. 0.000 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

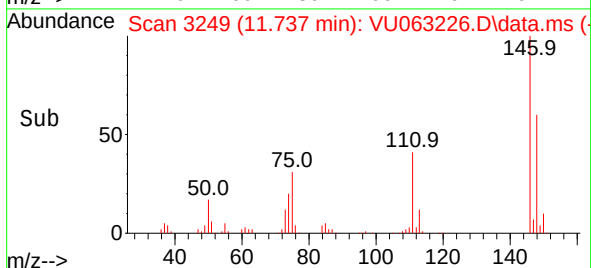
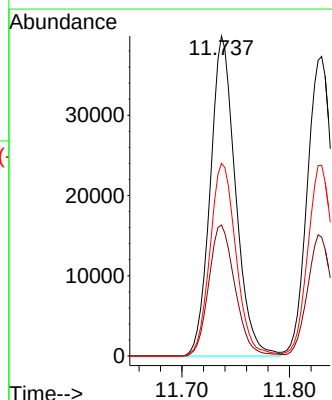
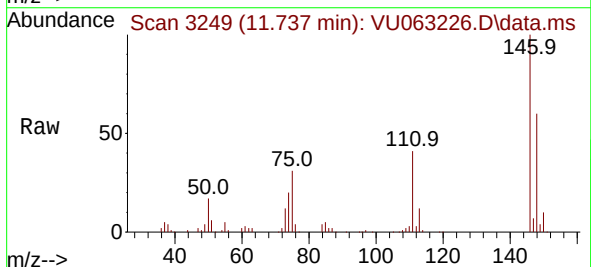
Instrument :
 MSVOA_U
 ClientSampleId :

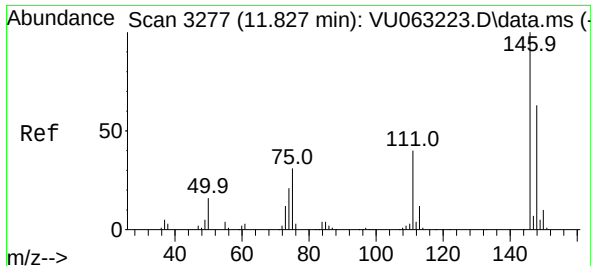
Tgt Ion:119 Resp: 115886
 Ion Ratio Lower Upper
 119 100
 134 25.5 20.3 30.5
 91 23.8 19.4 29.2



#82
 1,3-Dichlorobenzene
 Concen: 1.982 ug/l
 RT: 11.737 min Scan# 3249
 Delta R.T. 0.000 min
 Lab File: VU063226.D
 Acq: 10 Feb 2025 18:24

Tgt Ion:146 Resp: 65076
 Ion Ratio Lower Upper
 146 100
 111 42.6 32.8 49.2
 148 62.2 51.1 76.7





#83

1,4-Dichlorobenzene

Concen: 1.961 ug/l

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

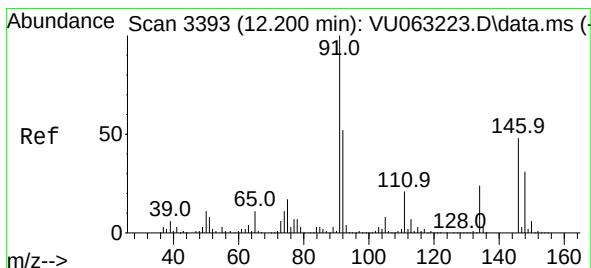
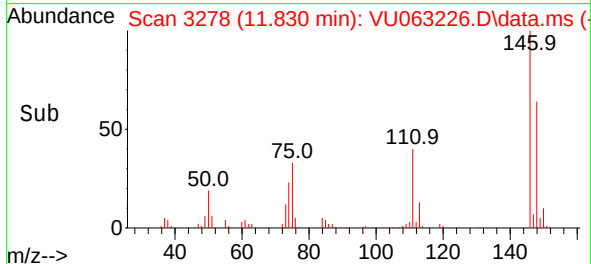
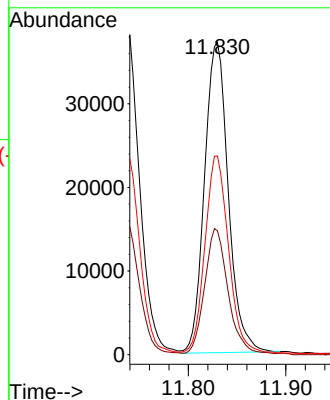
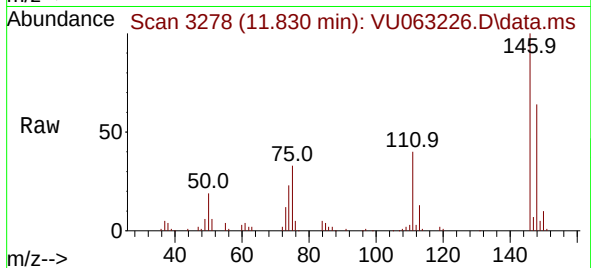
Tgt Ion:146 Resp: 62978

Ion Ratio Lower Upper

146 100

111 39.5 32.1 48.1

148 64.1 50.2 75.4



#84

n-Butylbenzene

Concen: 1.912 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. 0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

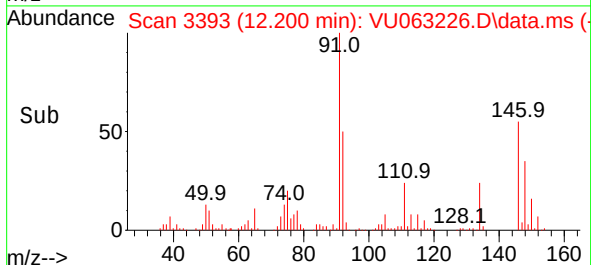
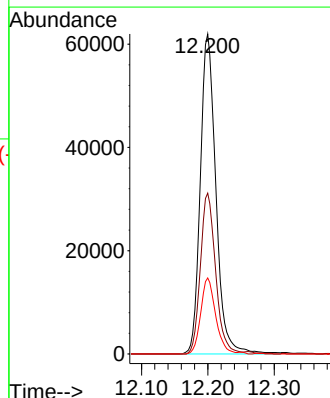
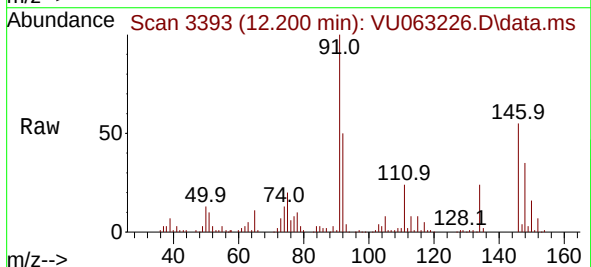
Tgt Ion: 91 Resp: 101410

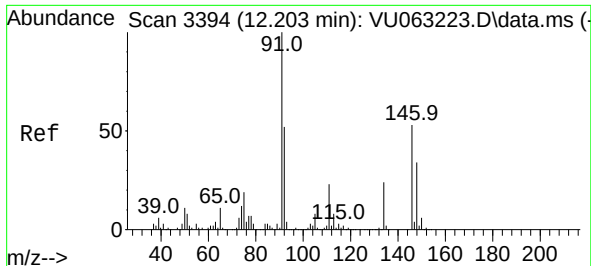
Ion Ratio Lower Upper

91 100

92 48.9 41.8 62.8

134 22.6 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 2.008 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

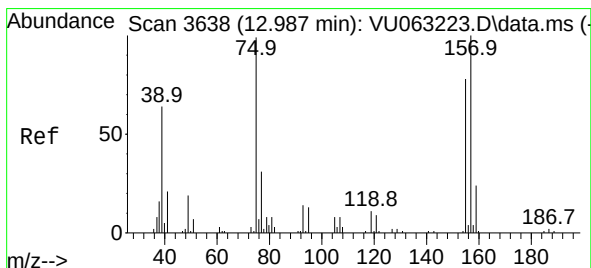
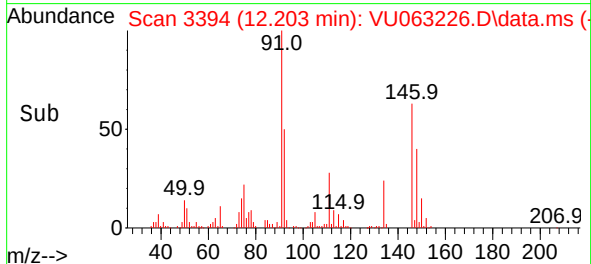
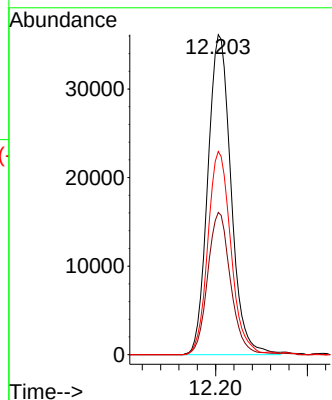
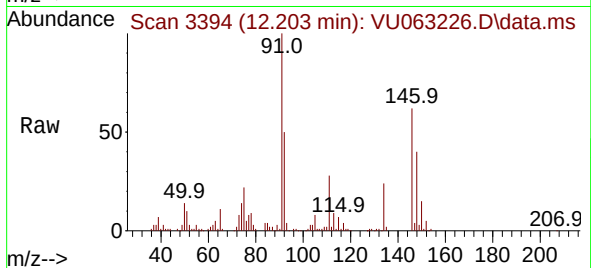
Tgt Ion:146 Resp: 63347

Ion Ratio Lower Upper

146 100

111 44.0 21.9 65.7

148 62.9 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.140 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

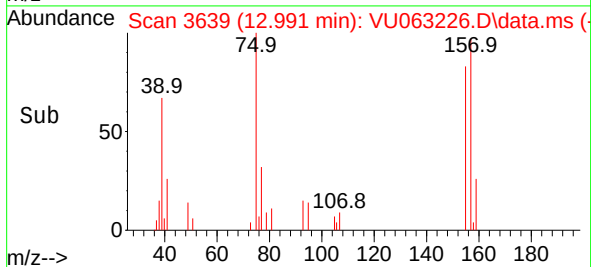
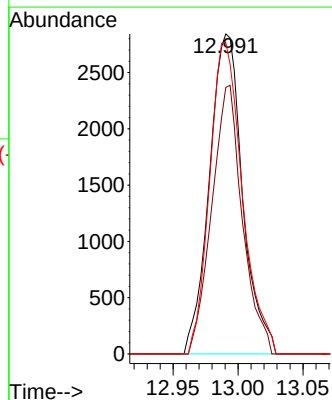
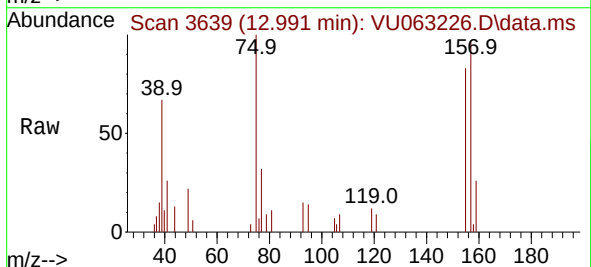
Tgt Ion: 75 Resp: 5050

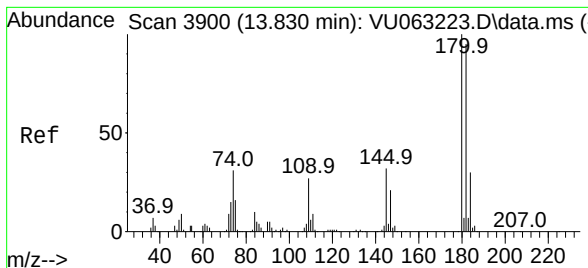
Ion Ratio Lower Upper

75 100

155 77.4 63.5 95.3

157 95.8 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 2.136 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063226.D

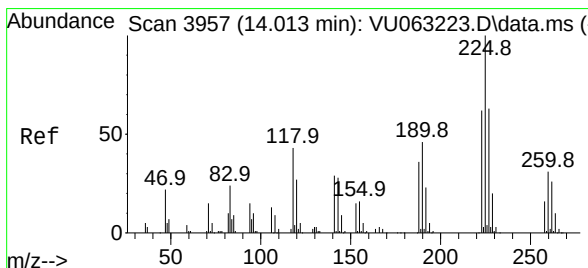
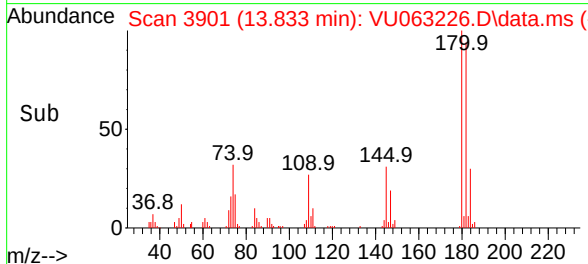
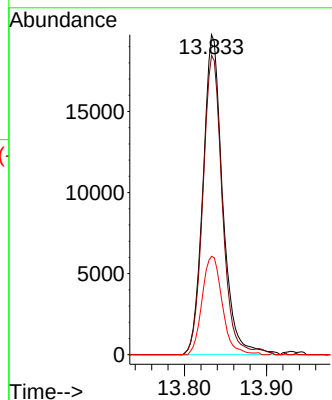
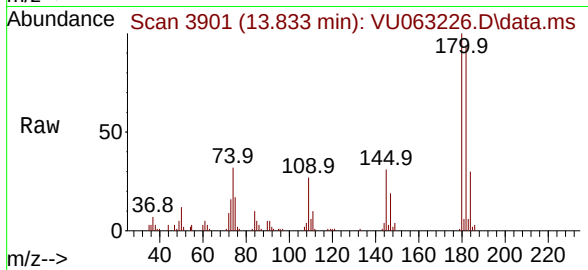
Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	32865
Ion Ratio	Lower	Upper
180	100	
182	91.3	76.6 115.0
145	31.5	25.4 38.2



#88

Hexachlorobutadiene

Concen: 1.961 ug/l

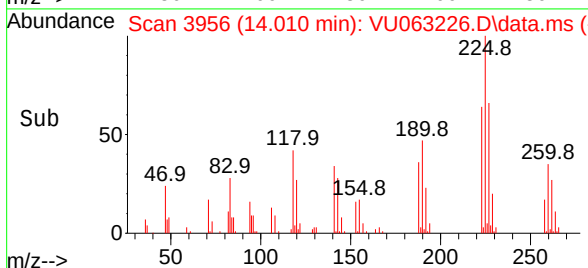
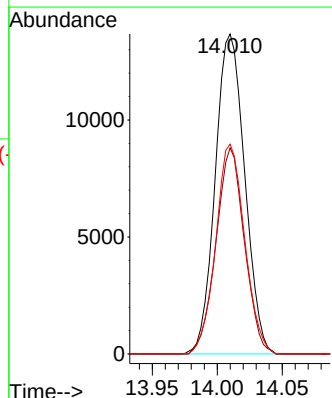
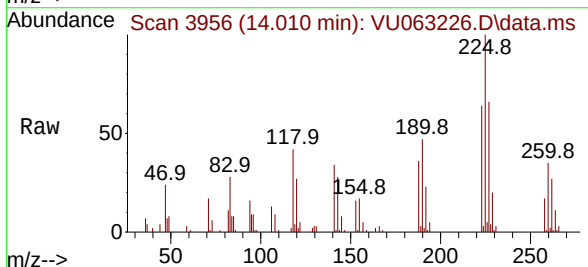
RT: 14.010 min Scan# 3956

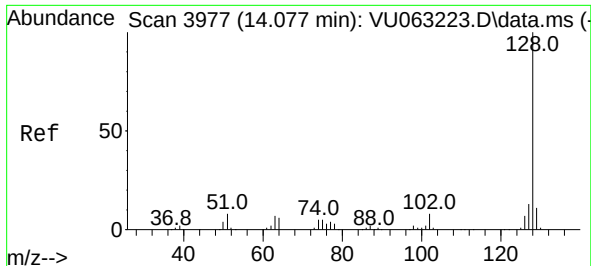
Delta R.T. -0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Tgt Ion:225	Resp:	21566
Ion Ratio	Lower	Upper
225	100	
223	62.0	49.5 74.3
227	64.4	51.0 76.4





#89

Naphthalene

Concen: 2.316 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Instrument :

MSVOA_U

ClientSampleId :

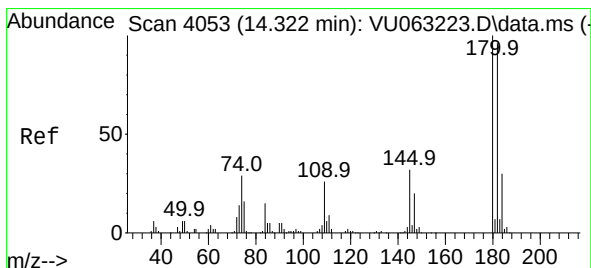
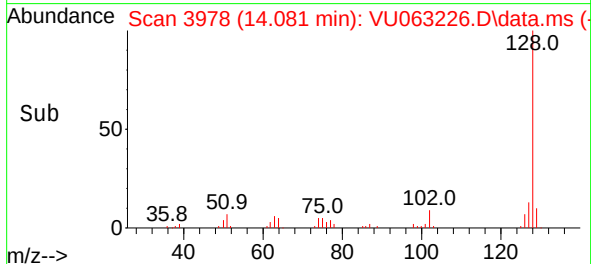
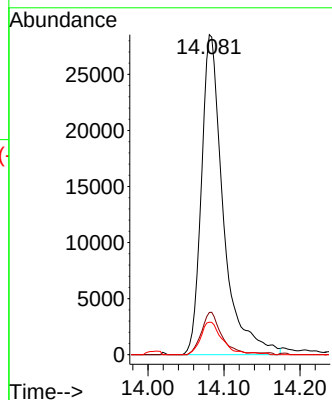
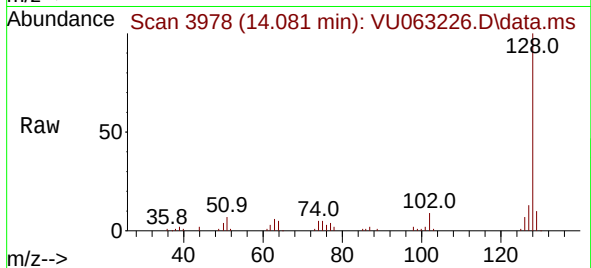
Tgt Ion:128 Resp: 57074

Ion Ratio Lower Upper

128 100

127 12.1 10.6 16.0

129 9.9 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 2.109 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063226.D

Acq: 10 Feb 2025 18:24

Tgt Ion:180 Resp: 31758

Ion Ratio Lower Upper

180 100

182 93.7 78.2 117.2

145 30.9 26.1 39.1

