

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061142.D
 Acq On : 17 Oct 2024 12:12
 Operator : MD/SY
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 02:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:32:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	27862	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15027	1.015	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14882	1.020	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	30369	1.979	ug/l	97
3) Chloromethane	1.518	50	29561	2.025	ug/l	99
4) Vinyl Chloride	1.602	62	30277	2.019	ug/l	99
5) Bromomethane	1.856	94	19208	2.039	ug/l	96
6) Chloroethane	1.930	64	20249	2.015	ug/l	98
7) Trichlorofluoromethane	2.132	101	40647	1.906	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	20854	1.966	ug/l	96
9) 1,1-Dichloroethene	2.576	96	22479	2.033	ug/l	97
10) Iodomethane	2.718	142	22948	2.129	ug/l	98
11) Allyl Chloride	2.917	41	27998	1.966	ug/l	96
12) Acrylonitrile	3.332	53	8281	3.723	ug/l	97
13) Acetone	2.650	43	27398	9.448	ug/l	99
14) Carbon Disulfide	2.788	76	77220	2.027	ug/l	100
15) Methylene Chloride	3.039	84	26990	1.887	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	25209	1.945	ug/l	98
17) 1,1-Dichloroethane	3.859	63	46628	2.028	ug/l	99
18) 2-Butanone	4.717	43	31956	9.259	ug/l	94
19) Cyclohexane	5.377	56	37265	1.810	ug/l	93
20) Methylcyclohexane	6.756	83	45924	2.000	ug/l	98
21) 2,2-Dichloropropane	4.653	77	41669	1.965	ug/l	99
22) cis-1,2-Dichloroethene	4.660	96	27663	1.959	ug/l	97
23) Diethyl Ether	2.374	59	17206	2.003	ug/l	97
24) tert-Butyl Alcohol	3.248	59	6091	6.811	ug/l	# 50
25) Methyl tert-Butyl Ether	3.354	73	58211	1.966	ug/l	96
26) Bromochloromethane	4.968	128	12295	2.082	ug/l	95
27) Chloroform	5.078	83	48130	1.997	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	42676	2.008	ug/l	99
29) 1,1-Dichloropropene	5.518	75	37314	1.986	ug/l	99
30) Carbon Tetrachloride	5.518	117	35842	1.944	ug/l	100
31) Isopropyl Ether	3.984	45	65963	2.011	ug/l	100
32) Ethyl-t-butyl ether	4.492	59	65347	1.938	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	58894	1.941	ug/l	97
34) Propionitrile	4.801	54	7530	8.818	ug/l	# 85
35) Benzene	5.766	78	106834	2.020	ug/l	99
36) 1,2-Dichloroethane	5.788	62	29897	2.002	ug/l	97
37) Trichloroethene	6.537	130	28782	2.039	ug/l	91
38) 1,2-Dichloropropane	6.782	63	26727	1.995	ug/l	100
39) Methacrylonitrile	4.984	41	6131	2.010	ug/l	# 85
40) Methyl acrylate	4.862	55	9437	1.539	ug/l	# 75
41) Tetrahydrofuran	5.065	42	6955	3.837	ug/l	98
42) 1-Chlorobutane	5.451	56	47005	1.951	ug/l	98
43) Dibromomethane	6.914	93	13927	2.005	ug/l	98
44) Bromodichloromethane	7.100	83	33760	1.999	ug/l	98

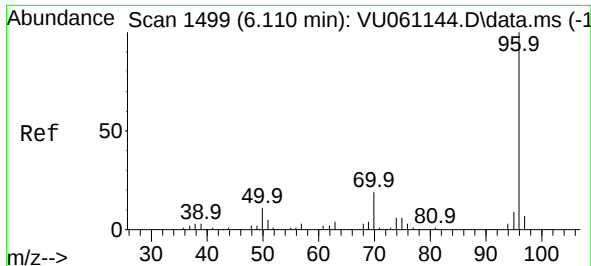
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 02:32:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	69615	9.984	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	28689	9.944	ug/l #	47
47) Methyl methacrylate	6.959	69	23779	3.939	ug/l	97
48) Ethyl methacrylate	8.328	69	25849	2.008	ug/l	99
49) Toluene	7.962	92	67504	2.020	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	31154	1.913	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	38666	1.935	ug/l	94
52) 1,1,2-Trichloroethane	8.393	97	18850	2.012	ug/l	98
53) 1,3-Dichloropropane	8.566	76	33346	2.027	ug/l	100
54) 2-Hexanone	8.682	43	54512	9.517	ug/l	100
55) Dibromochloromethane	8.801	129	21423	1.937	ug/l	97
56) 1,2-Dibromoethane	8.917	107	18201	2.025	ug/l	97
58) Tetrachloroethene	8.547	164	24002	2.005	ug/l	96
59) Chlorobenzene	9.441	112	71646	1.991	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	23619	1.945	ug/l	98
61) Pentachloroethane	11.418	117	18050	1.943	ug/l	98
62) Hexachloroethane	12.466	117	18132	1.894	ug/l	96
63) Ethyl Benzene	9.563	91	126662	1.964	ug/l	99
64) m/p-Xylenes	9.685	106	96582	3.936	ug/l	97
65) o-Xylene	10.093	106	47867	1.980	ug/l	96
66) Styrene	10.110	104	73754	1.962	ug/l	100
67) Bromoform	10.283	173	11224	1.938	ug/l	99
69) Isopropylbenzene	10.476	105	111910	1.946	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	22114	1.944	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	28689	3.070	ug/l #	81
72) Bromobenzene	10.775	156	26715	1.932	ug/l	98
73) n-propylbenzene	10.897	120	32478	1.936	ug/l	100
74) 2-Chlorotoluene	10.978	126	28214	1.944	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	100582	1.940	ug/l	100
76) 4-Chlorotoluene	11.090	126	28879	1.958	ug/l	99
77) tert-Butylbenzene	11.412	119	100077	1.953	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	100083	1.912	ug/l	100
79) sec-Butylbenzene	11.634	105	130197	1.951	ug/l	100
80) Nitrobenzene	13.219	77	1654	8.644	ug/l #	97
81) p-Isopropyltoluene	11.785	119	107317	1.942	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	52203	1.968	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	52165	1.972	ug/l	99
84) n-Butylbenzene	12.200	91	97800	1.908	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	48586	1.959	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.990	75	3126	1.852	ug/l	92
87) 1,2,4-Trichlorobenzene	13.836	180	26261	1.852	ug/l	99
88) Hexachlorobutadiene	14.010	225	15637	1.950	ug/l	96
89) Naphthalene	14.084	128	44556	1.780	ug/l	98
90) 1,2,3-Trichlorobenzene	14.322	180	23414	1.838	ug/l	98

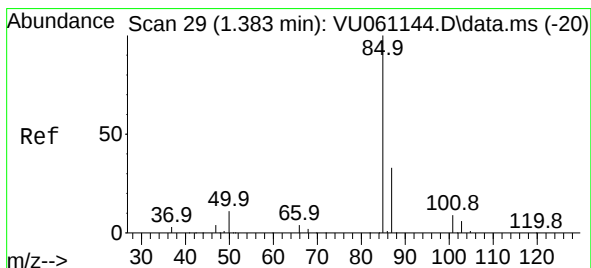
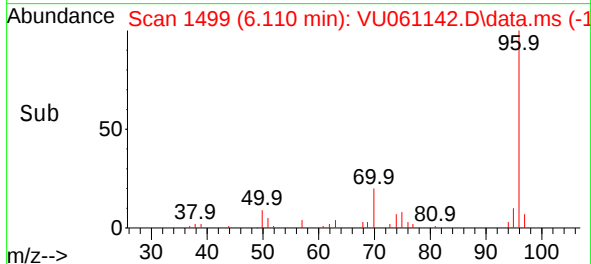
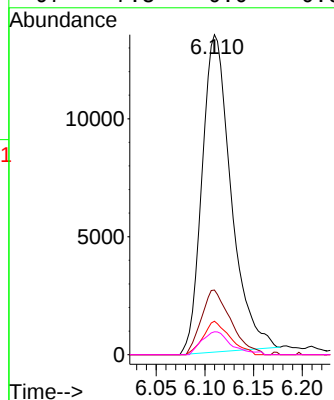
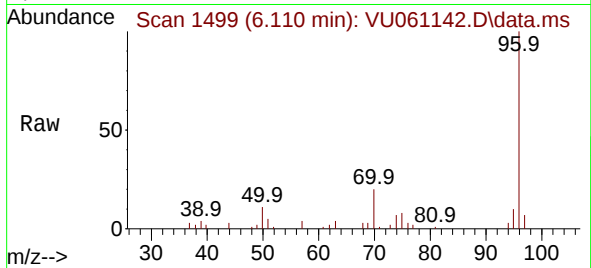
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

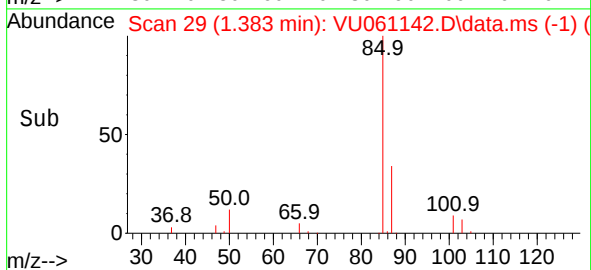
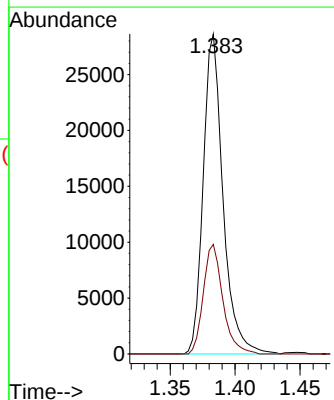
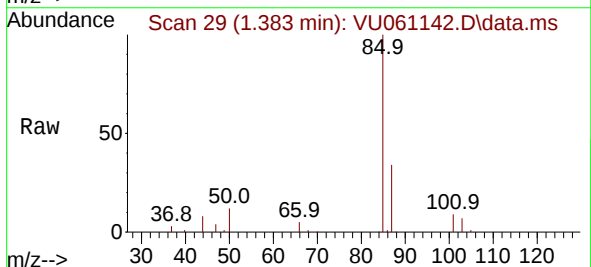
Instrument :
MSVOA_U
ClientSampleId :

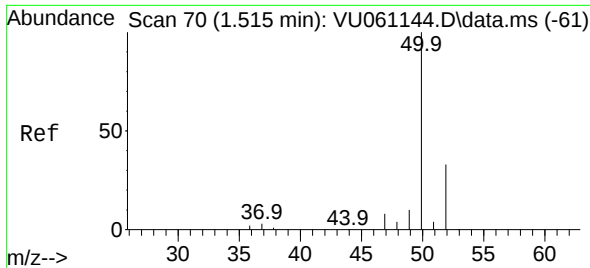
Tgt Ion: 96	Resp: 27862
Ion Ratio	Lower Upper
96 100	
70 20.6	16.1 24.1
95 9.7	0.0 0.0#
97 7.3	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.979 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

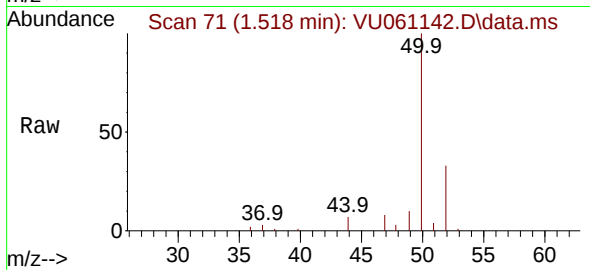
Tgt Ion: 85	Resp: 30369
Ion Ratio	Lower Upper
85 100	
87 34.3	16.3 48.9



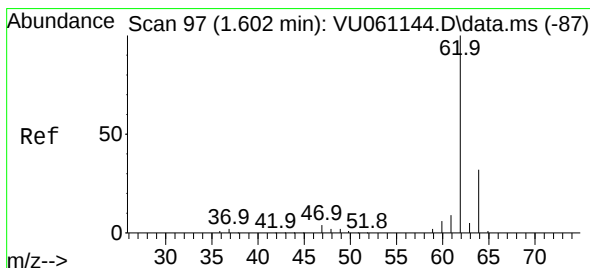
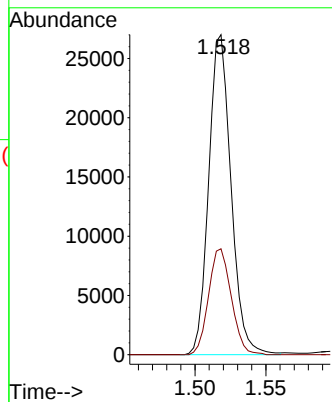
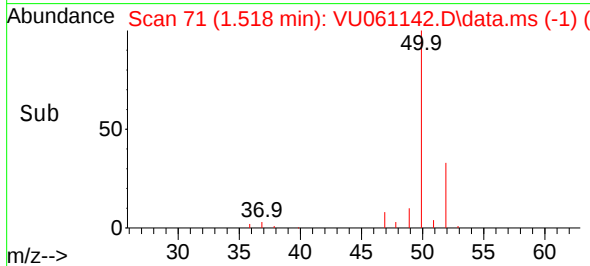


#3
Chloromethane
Concen: 2.025 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :

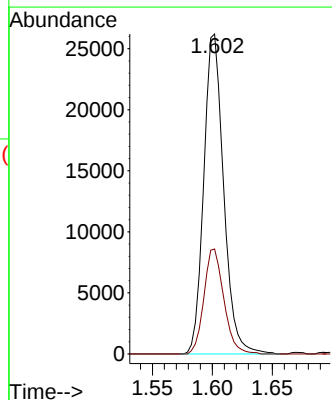
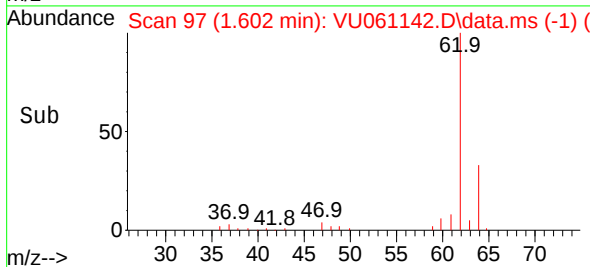
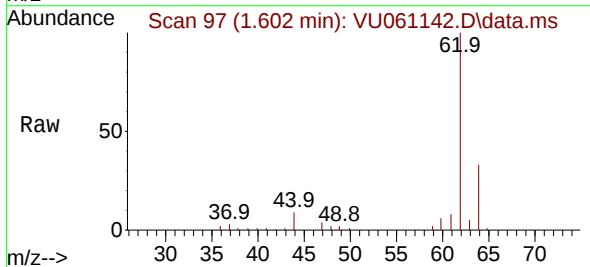


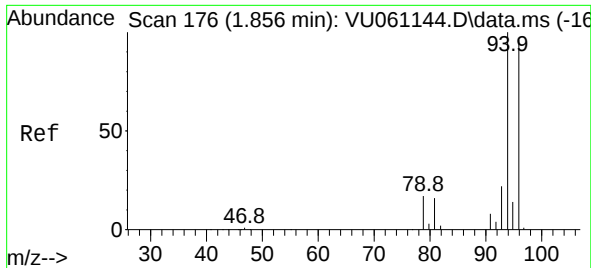
Tgt Ion: 50 Resp: 29561
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 2.019 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 62 Resp: 30277
Ion Ratio Lower Upper
62 100
64 32.8 25.9 38.9

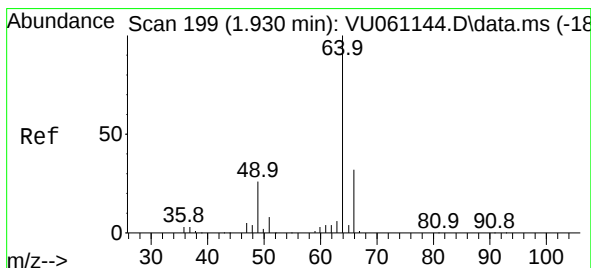
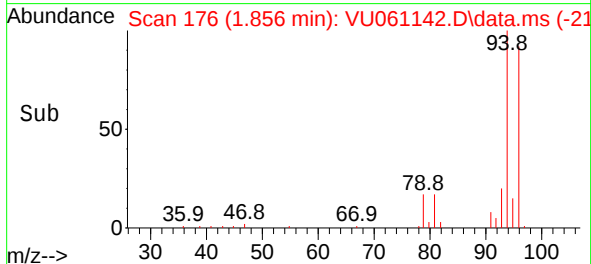
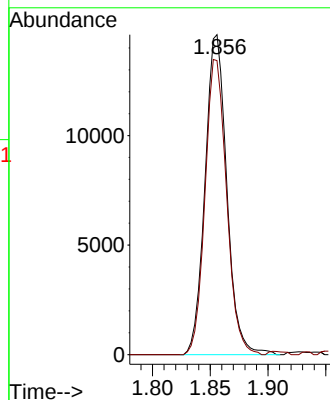
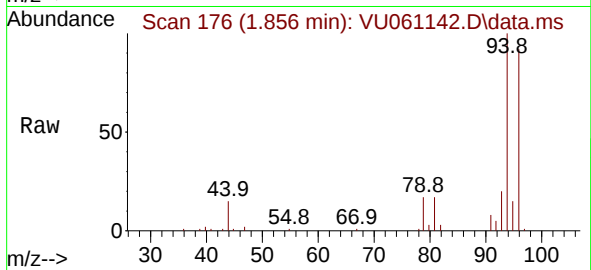




#5
Bromomethane
Concen: 2.039 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

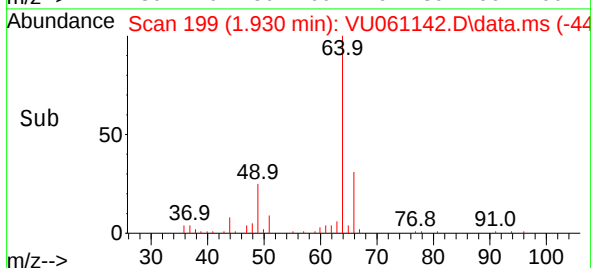
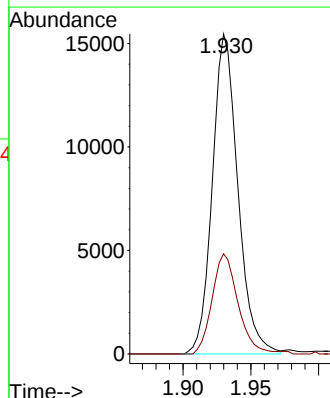
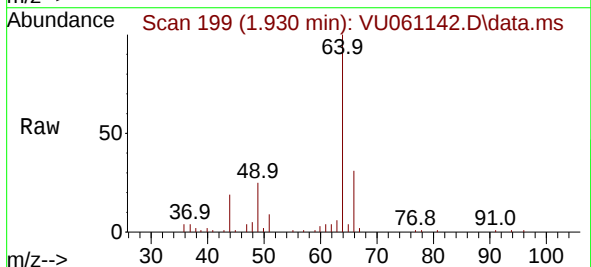
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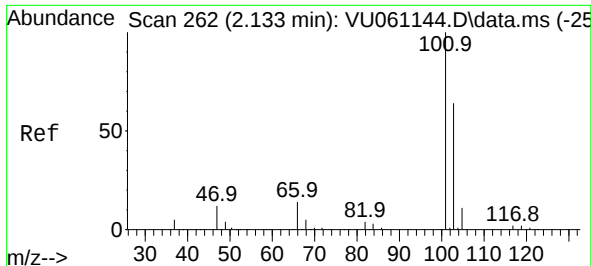
Tgt Ion: 94 Resp: 19208
Ion Ratio Lower Upper
94 100
96 91.9 76.5 114.7



#6
Chloroethane
Concen: 2.015 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 64 Resp: 20249
Ion Ratio Lower Upper
64 100
66 31.3 25.8 38.8

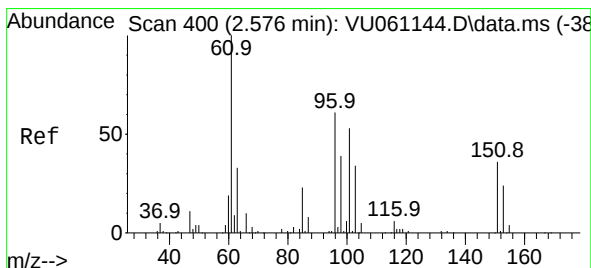
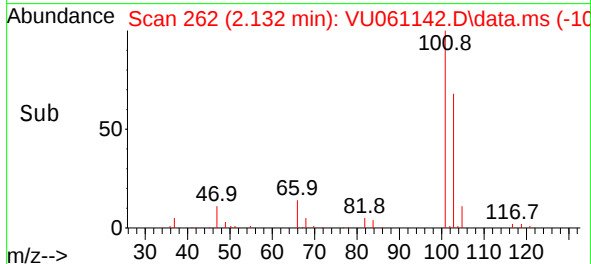
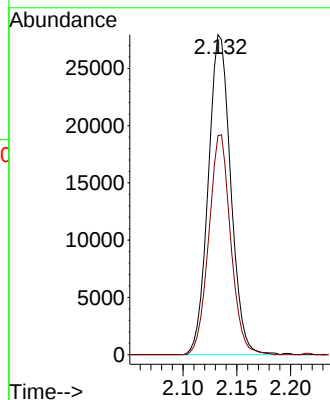
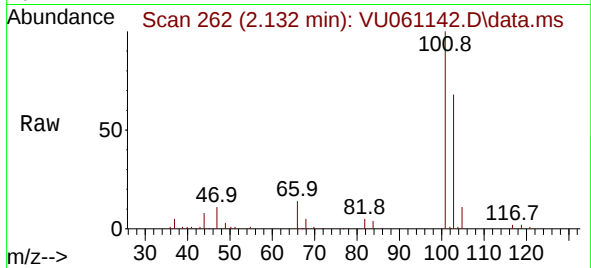




#7
 Trichlorofluoromethane
 Concen: 1.906 ug/l
 RT: 2.132 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12

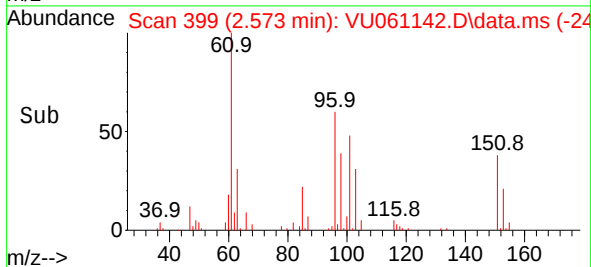
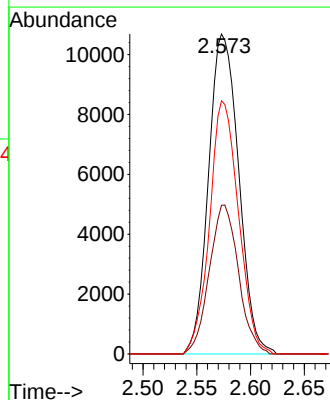
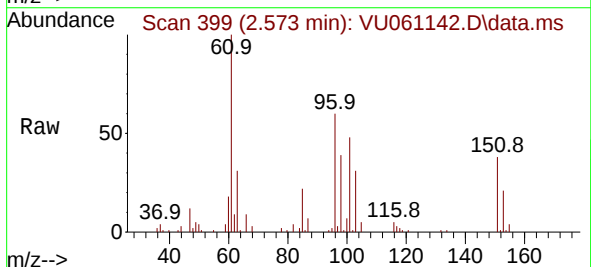
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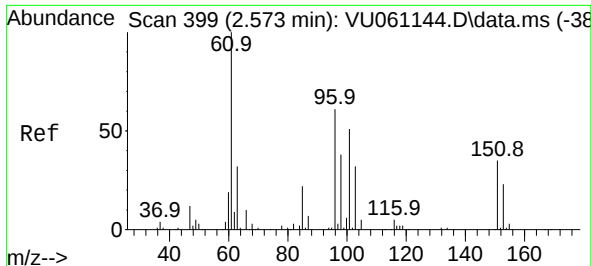
Tgt Ion:101 Resp: 40647
 Ion Ratio Lower Upper
 101 100
 103 68.5 51.5 77.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.966 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12

Tgt Ion:101 Resp: 20854
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.8 53.8
 151 76.0 56.2 84.4

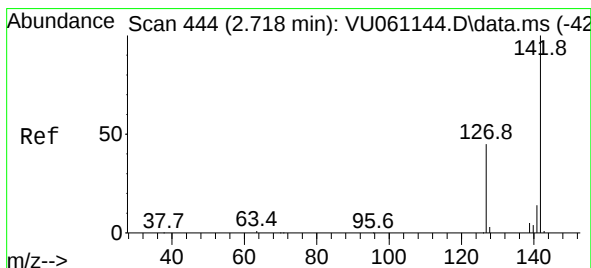
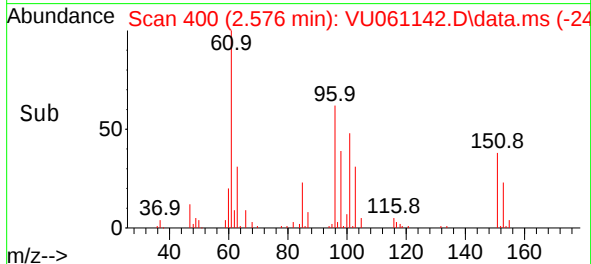
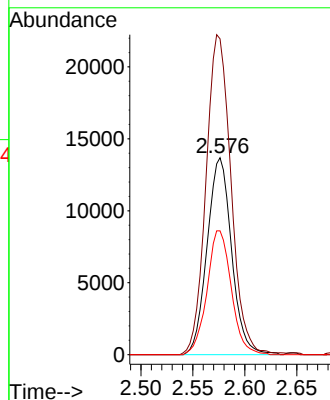
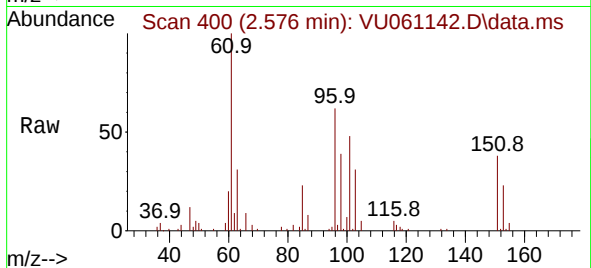




#9
1,1-Dichloroethene
Concen: 2.033 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

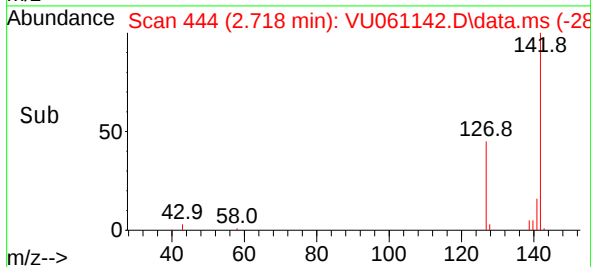
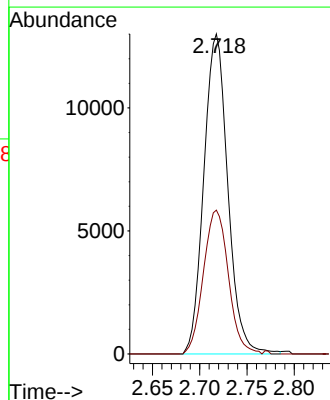
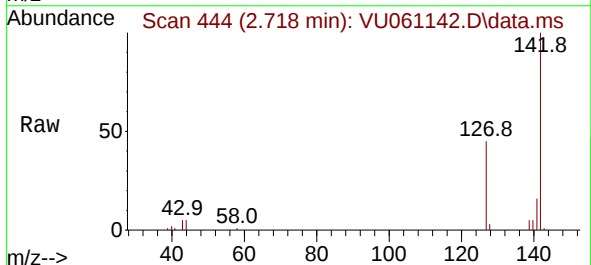
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MSVOA_U
ClientSampleId :

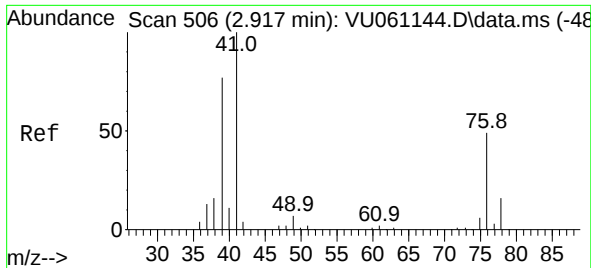
Tgt Ion: 96 Resp: 22479
Ion Ratio Lower Upper
96 100
61 160.3 0.0 494.4
98 62.9 0.0 124.4



#10
Iodomethane
Concen: 2.129 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion:142 Resp: 22948
Ion Ratio Lower Upper
142 100
127 46.9 36.2 54.4

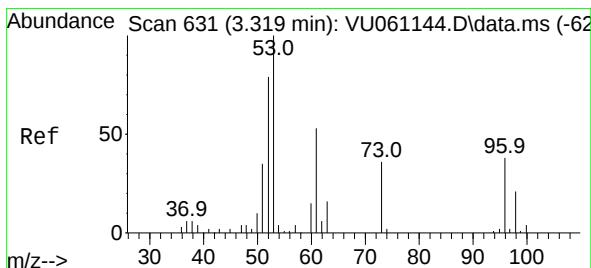
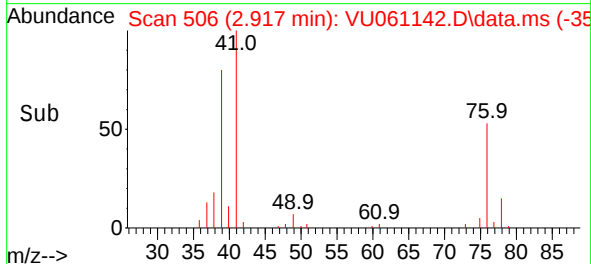
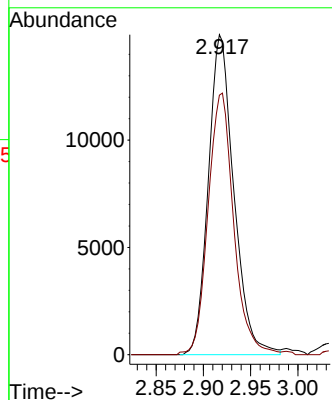
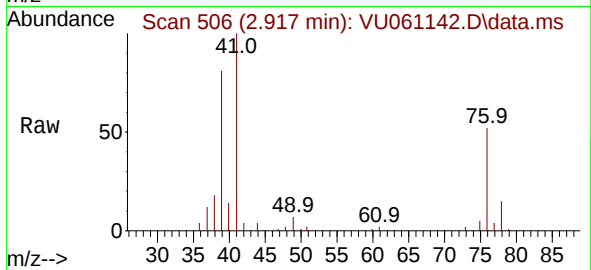




#11
Allyl Chloride
Concen: 1.966 ug/l
RT: 2.917 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

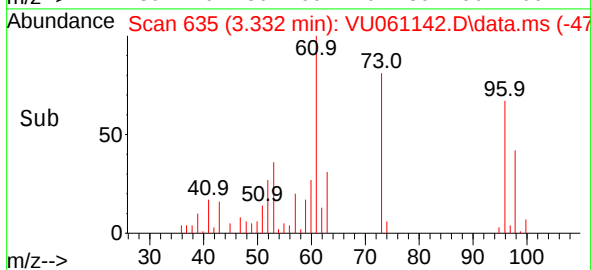
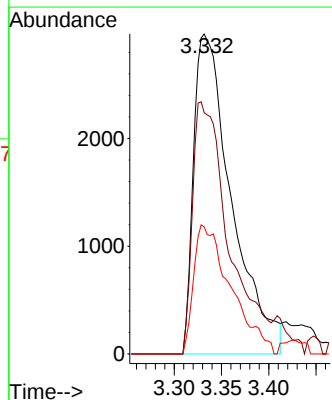
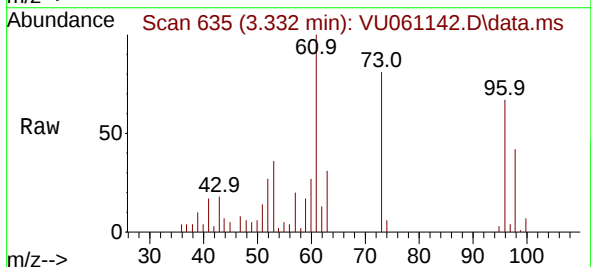
Instrument :
MSVOA_U
ClientSampleId :

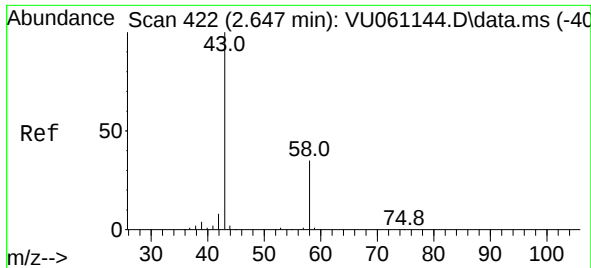
Tgt Ion: 41 Resp: 27998
Ion Ratio Lower Upper
41 100
39 81.9 62.4 93.6



#12
Acrylonitrile
Concen: 3.723 ug/l
RT: 3.332 min Scan# 635
Delta R.T. 0.013 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 53 Resp: 8281
Ion Ratio Lower Upper
53 100
52 75.2 62.6 94.0
51 39.4 30.7 46.1





#13

Acetone

Concen: 9.448 ug/l

RT: 2.650 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

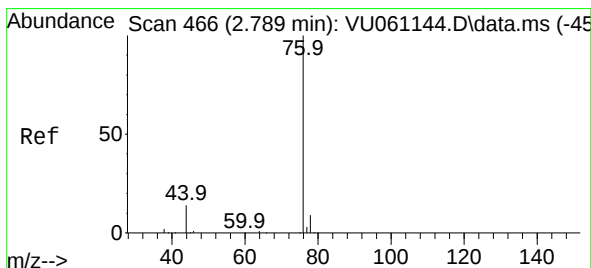
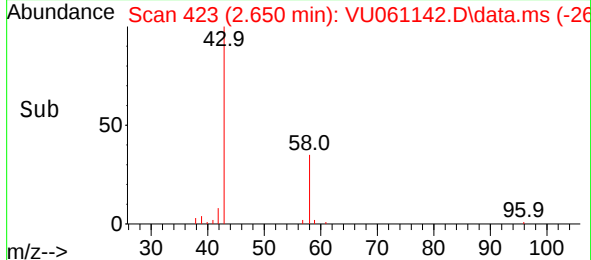
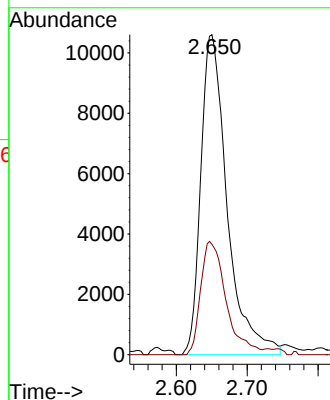
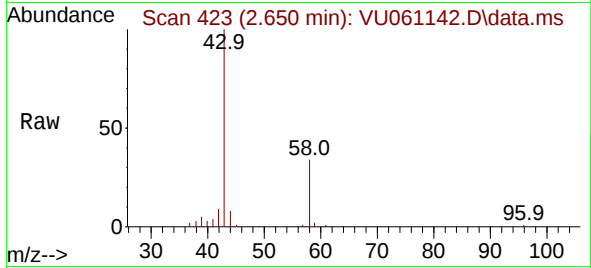
ClientSampleId :

Tgt Ion: 43 Resp: 27398

Ion Ratio Lower Upper

43 100

58 34.5 27.9 41.9



#14

Carbon Disulfide

Concen: 2.027 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061142.D

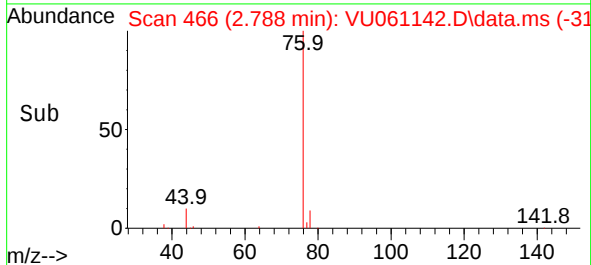
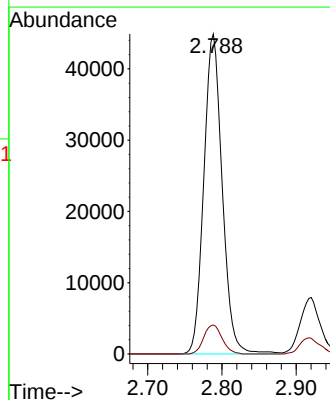
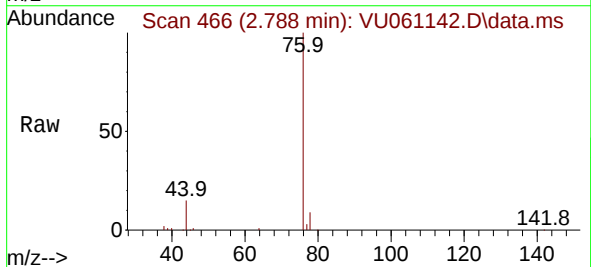
Acq: 17 Oct 2024 12:12

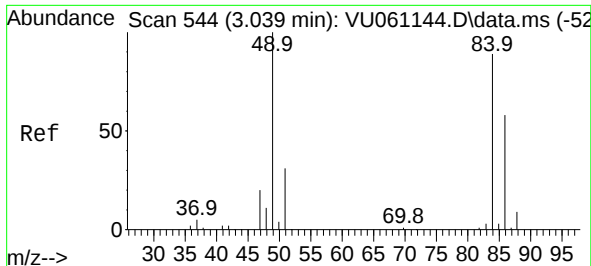
Tgt Ion: 76 Resp: 77220

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methylene Chloride

Concen: 1.887 ug/l

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 84 Resp: 26990

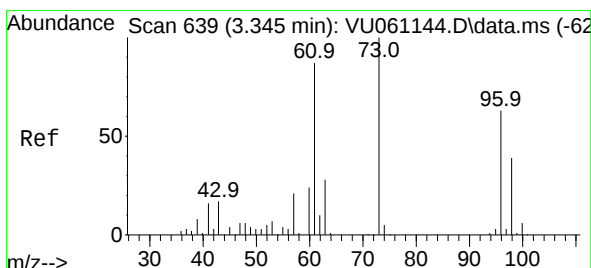
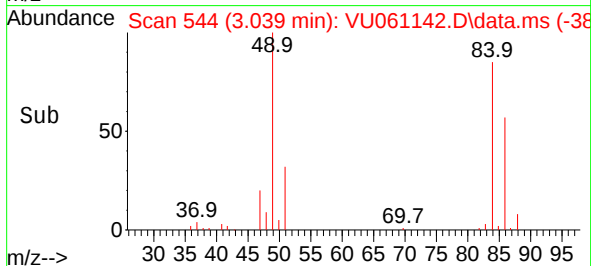
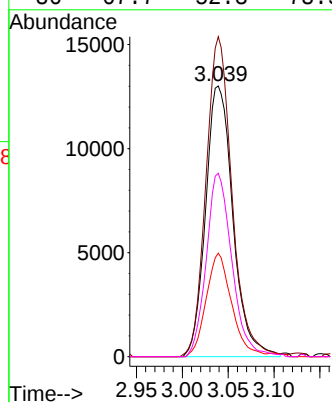
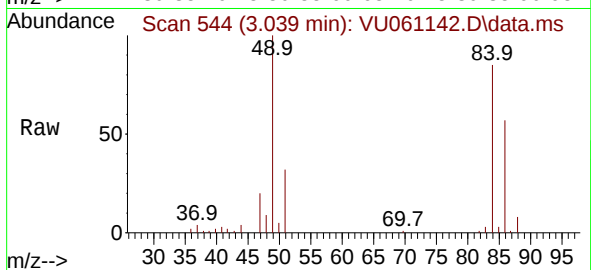
Ion Ratio Lower Upper

84 100

49 118.2 90.4 135.6

51 38.2 0.0 70.6

86 67.7 52.3 78.5



#16

trans-1,2-Dichloroethene

Concen: 1.945 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

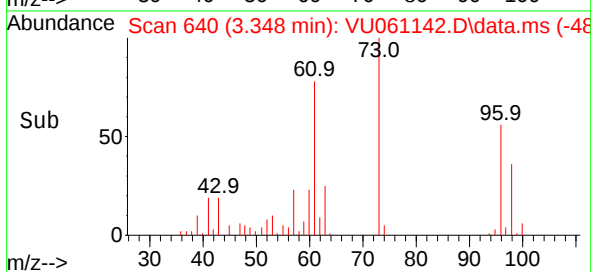
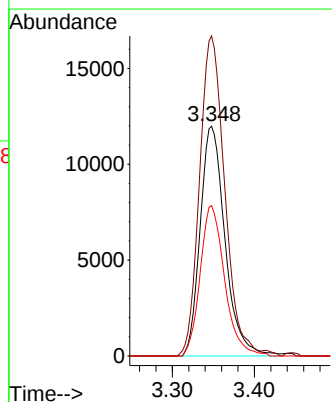
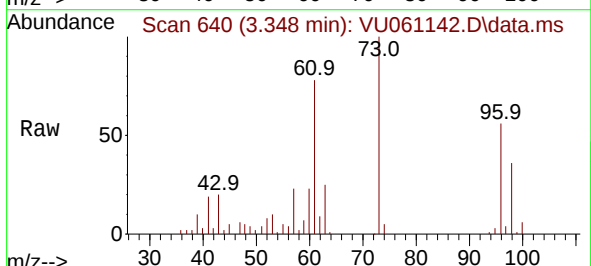
Tgt Ion: 96 Resp: 25209

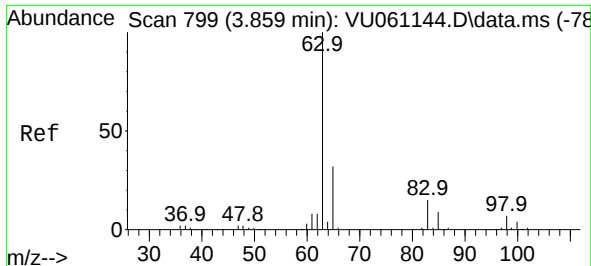
Ion Ratio Lower Upper

96 100

61 139.2 110.6 166.0

98 65.3 49.8 74.8

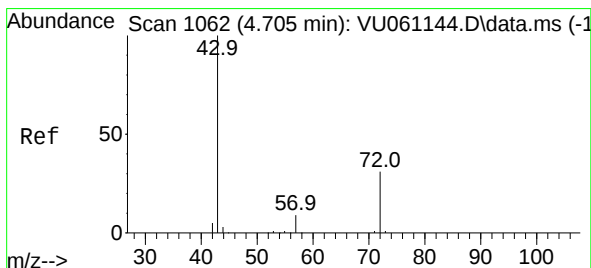
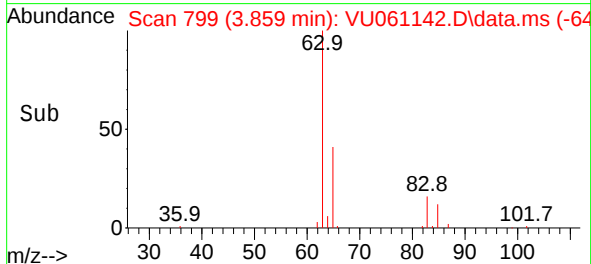
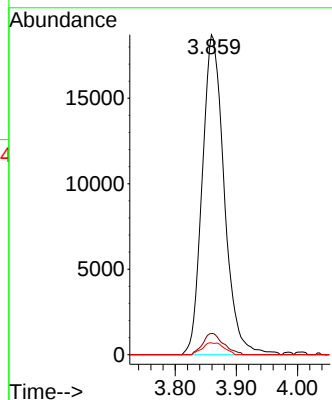
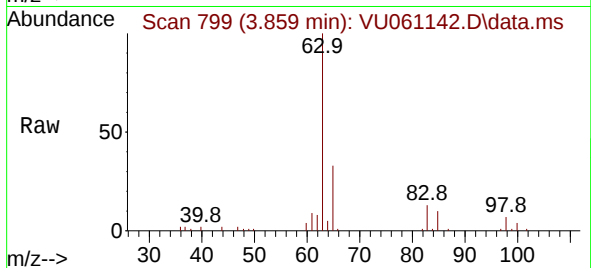




#17
1,1-Dichloroethane
Concen: 2.028 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

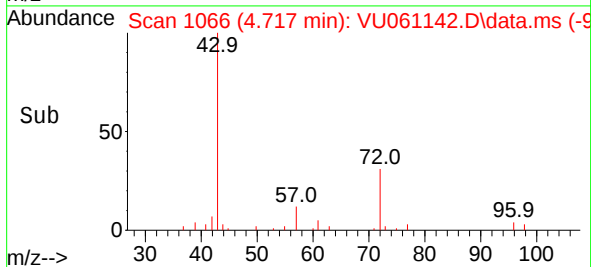
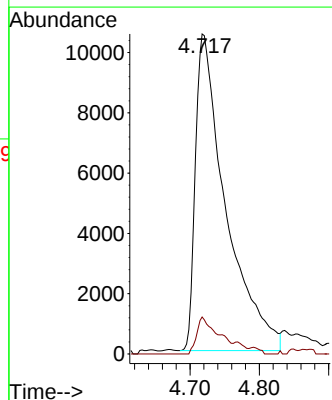
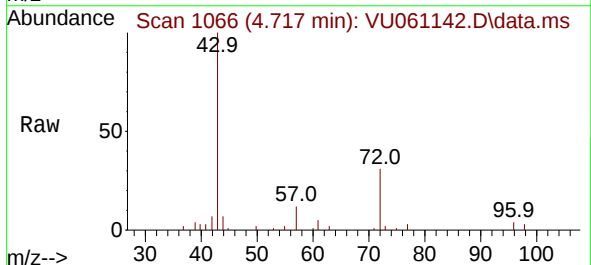
Instrument :
MSVOA_U
ClientSampleId :

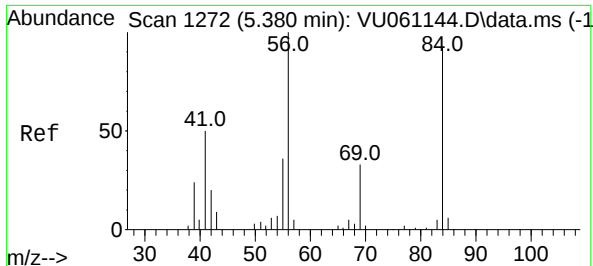
Tgt Ion: 63 Resp: 46628
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.8
100 3.7 2.1 6.5



#18
2-Butanone
Concen: 9.259 ug/l
RT: 4.717 min Scan# 1066
Delta R.T. 0.013 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

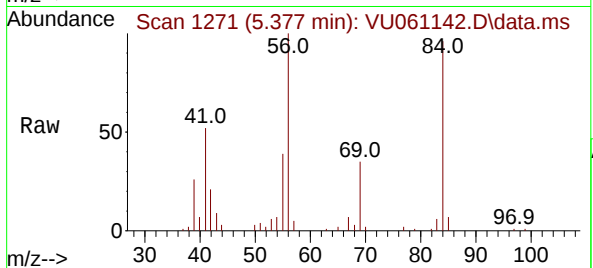
Tgt Ion: 43 Resp: 31956
Ion Ratio Lower Upper
43 100
57 11.7 0.0 19.0



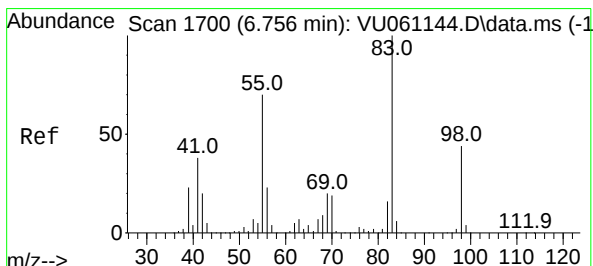
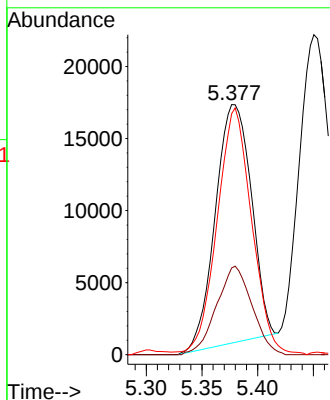
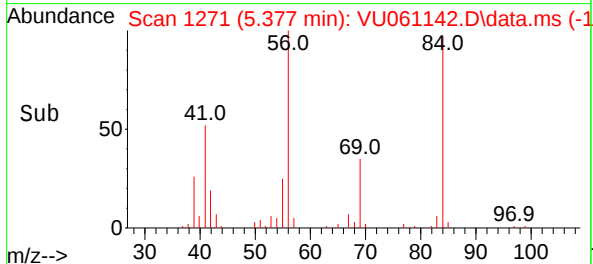


#19
Cyclohexane
Concen: 1.810 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

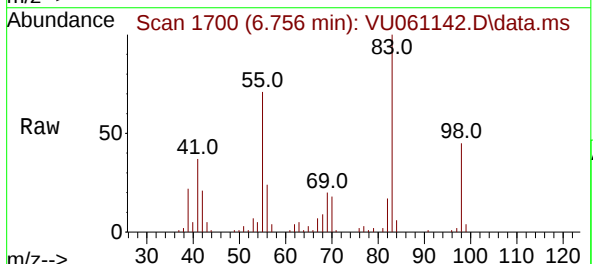
Instrument :
MSVOA_U
ClientSampleId :



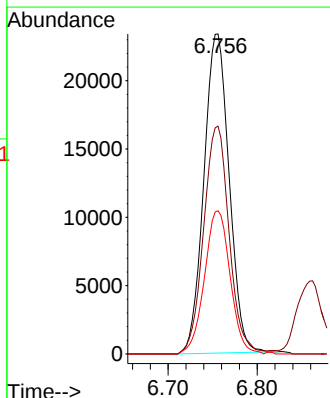
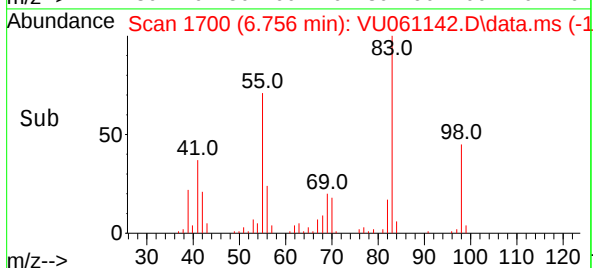
Tgt Ion:	56	Resp:	37265
Ion Ratio	Lower	Upper	
56	100		
69	36.5	26.2	39.4
84	98.1	72.7	109.1

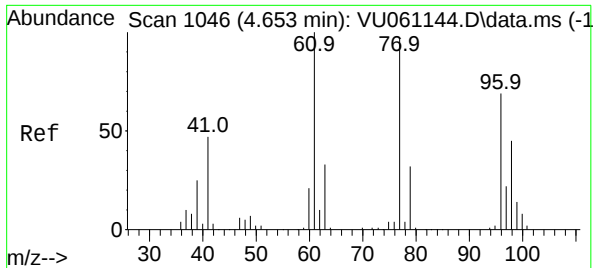


#20
Methylcyclohexane
Concen: 2.000 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12



Tgt Ion:	83	Resp:	45924
Ion Ratio	Lower	Upper	
83	100		
55	70.8	55.5	83.3
98	45.6	35.8	53.6

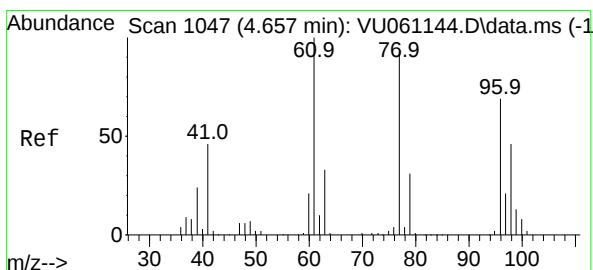
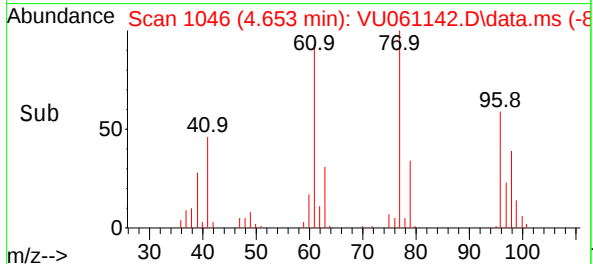
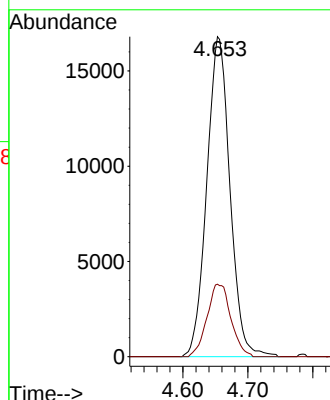
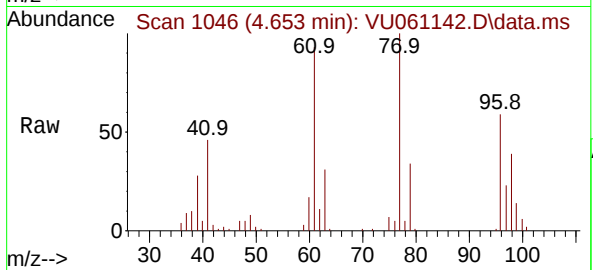




#21
2,2-Dichloropropane
Concen: 1.965 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

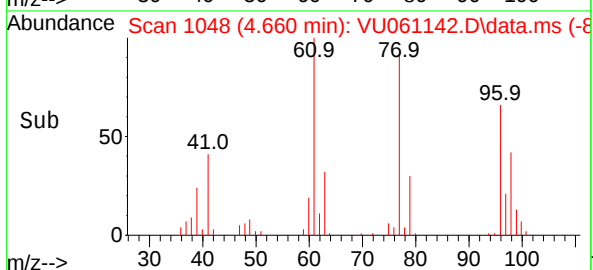
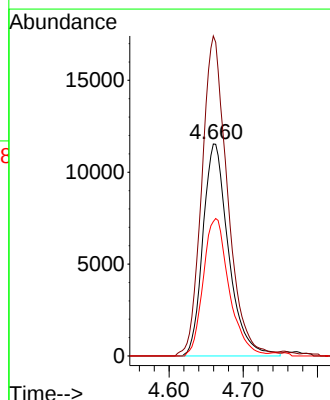
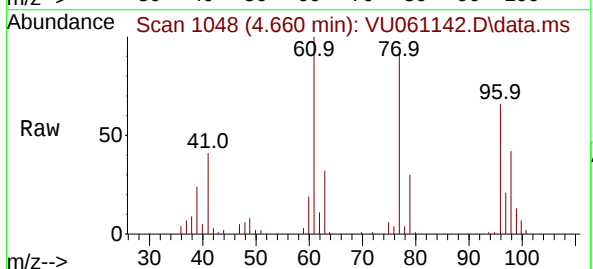
Instrument :
MSVOA_U
ClientSampleId :

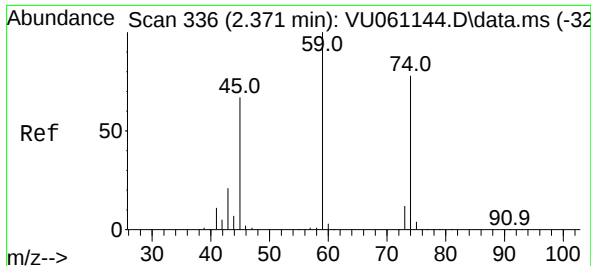
Tgt Ion: 77 Resp: 41669
Ion Ratio Lower Upper
77 100
97 23.3 18.3 27.5



#22
cis-1,2-Dichloroethene
Concen: 1.959 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 96 Resp: 27663
Ion Ratio Lower Upper
96 100
61 151.3 0.0 364.8
98 65.4 32.1 96.3





#23

Diethyl Ether

Concen: 2.003 ug/l

RT: 2.374 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

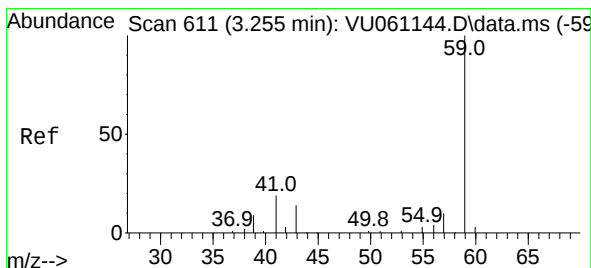
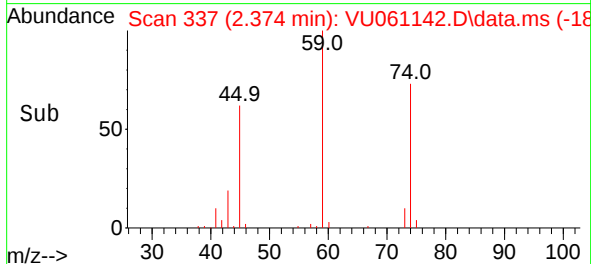
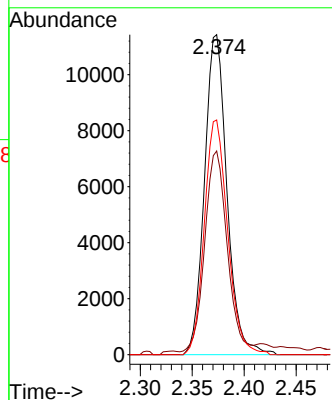
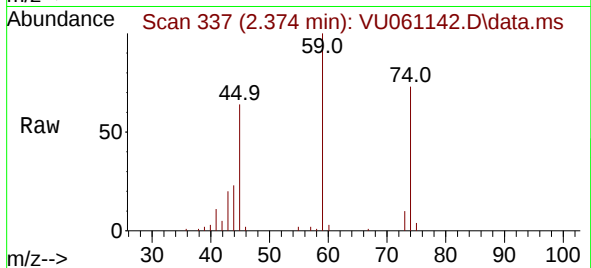
Tgt Ion: 59 Resp: 17206

Ion Ratio Lower Upper

59 100

45 62.3 52.0 78.0

74 76.1 62.2 93.2



#24

tert-Butyl Alcohol

Concen: 6.811 ug/l

RT: 3.248 min Scan# 609

Delta R.T. -0.007 min

Lab File: VU061142.D

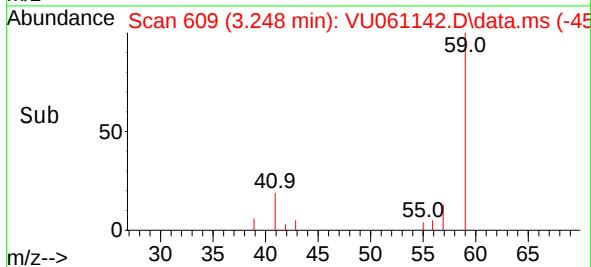
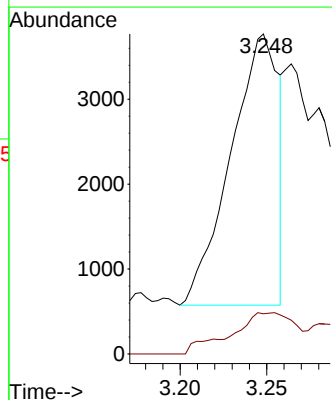
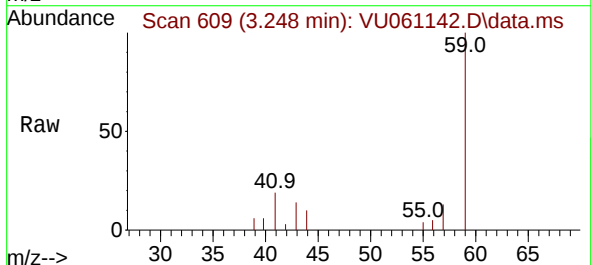
Acq: 17 Oct 2024 12:12

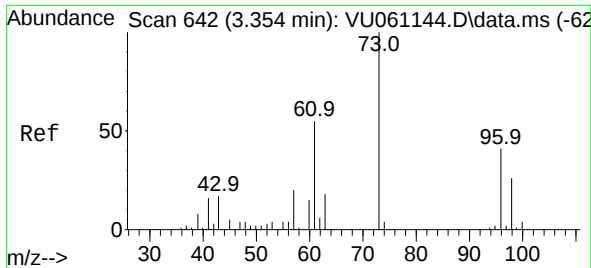
Tgt Ion: 59 Resp: 6091

Ion Ratio Lower Upper

59 100

57 20.3 3.2 4.8#

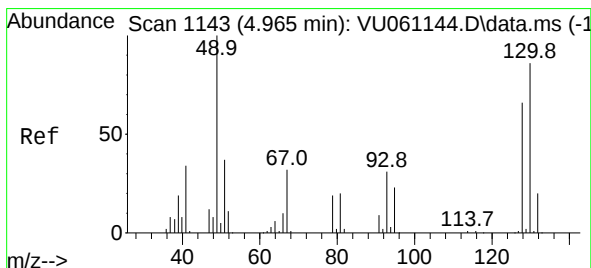
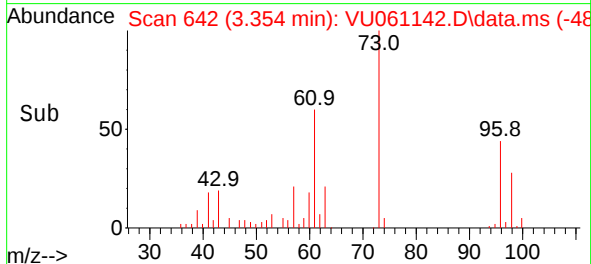
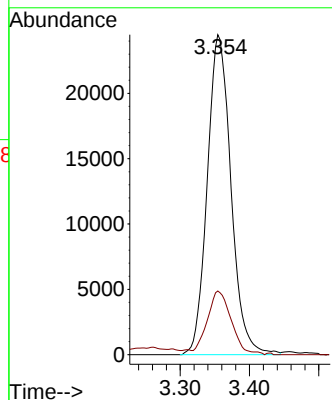
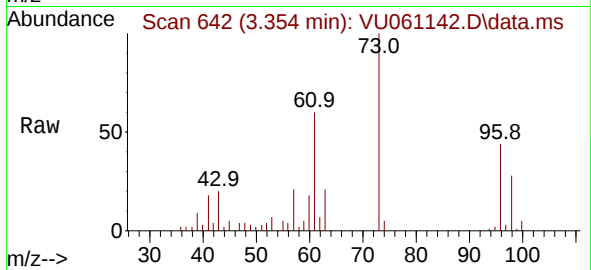




#25
Methyl tert-Butyl Ether
Concen: 1.966 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

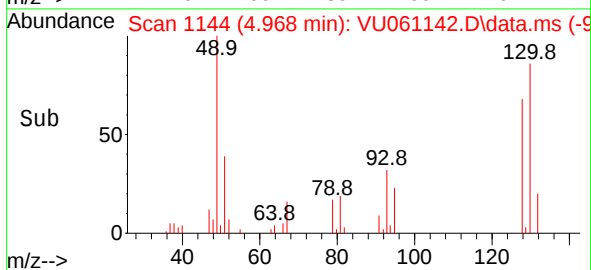
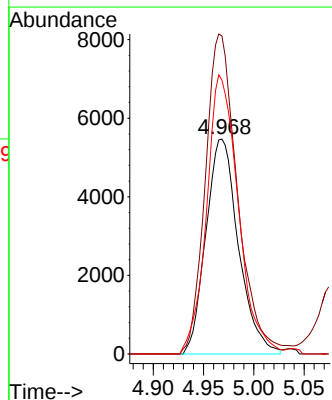
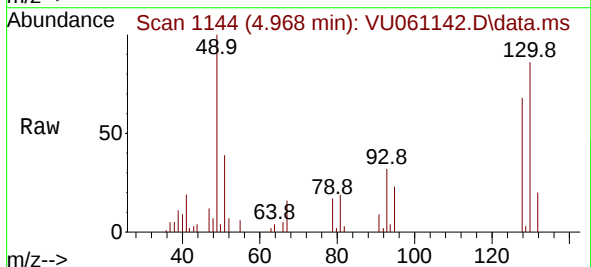
Instrument :
MSVOA_U
ClientSampleId :

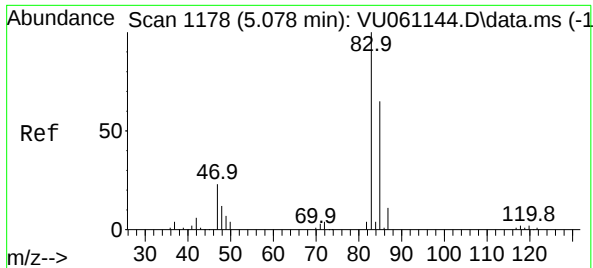
Tgt Ion: 73 Resp: 58211
Ion Ratio Lower Upper
73 100
43 20.2 14.7 22.1



#26
Bromochloromethane
Concen: 2.082 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 128 Resp: 12295
Ion Ratio Lower Upper
128 100
49 148.1 0.0 308.8
130 126.5 105.3 157.9

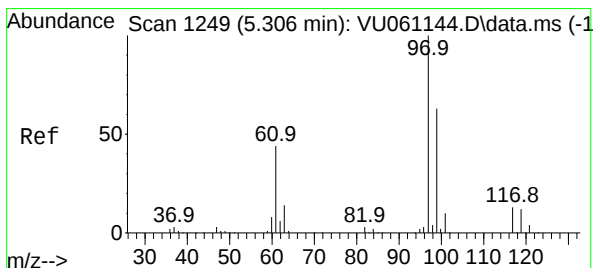
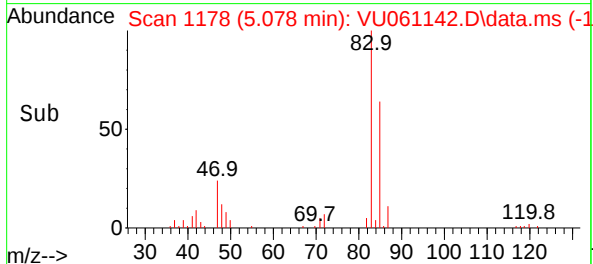
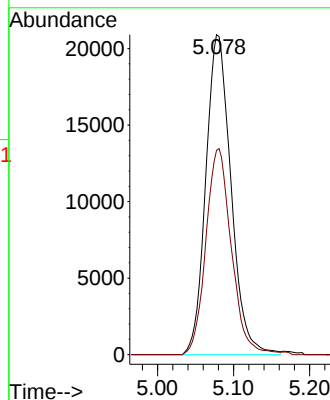
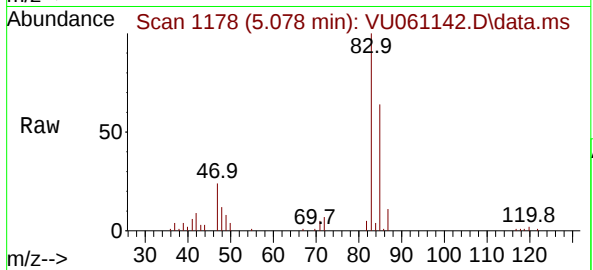




#27
Chloroform
Concen: 1.997 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

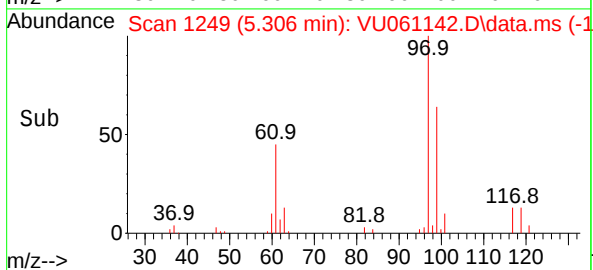
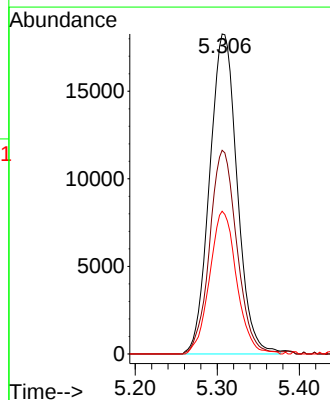
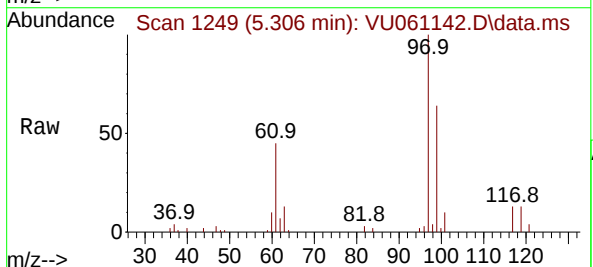
Instrument :
MSVOA_U
ClientSampleId :

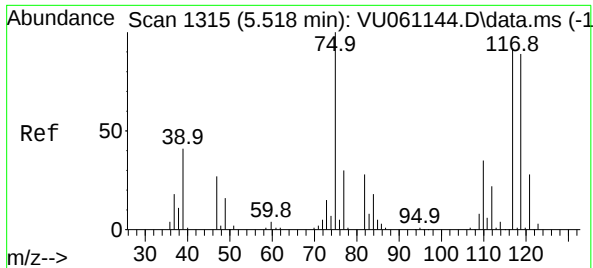
Tgt Ion: 83 Resp: 48130
Ion Ratio Lower Upper
83 100
85 63.8 0.0 129.6



#28
1,1,1-Trichloroethane
Concen: 2.008 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 97 Resp: 42676
Ion Ratio Lower Upper
97 100
99 63.1 31.9 95.5
61 43.7 22.1 66.1

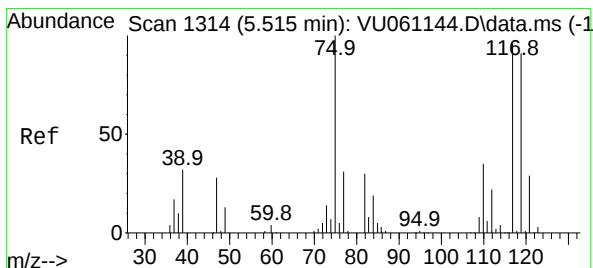
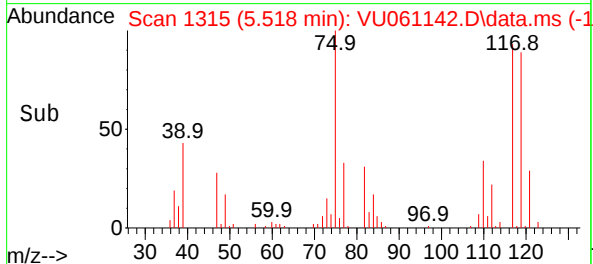
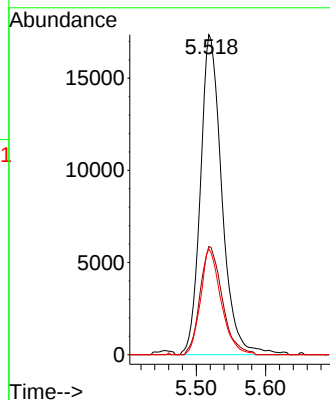
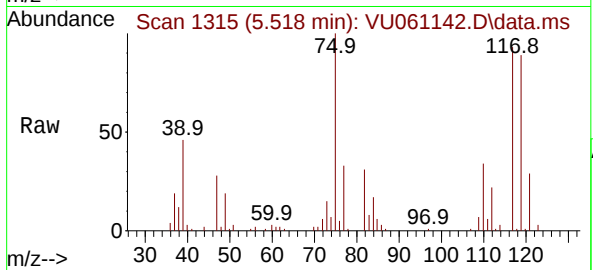




#29
1,1-Dichloropropene
Concen: 1.986 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

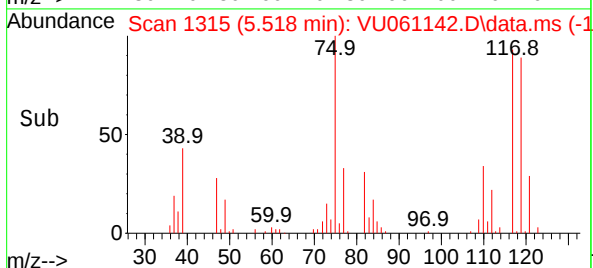
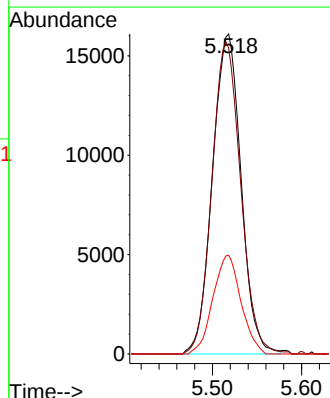
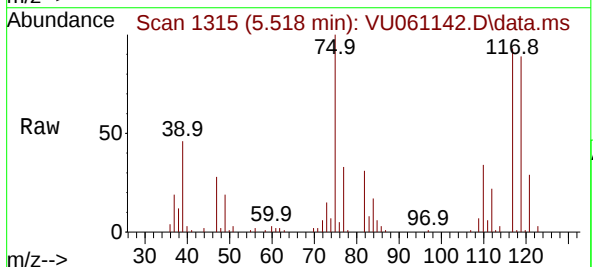
Instrument :
MSVOA_U
ClientSampleId :

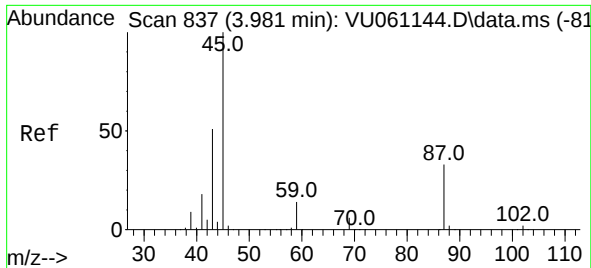
Tgt Ion: 75 Resp: 37314
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.3
77 31.6 24.6 37.0



#30
Carbon Tetrachloride
Concen: 1.944 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion:117 Resp: 35842
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 30.8 24.1 36.1

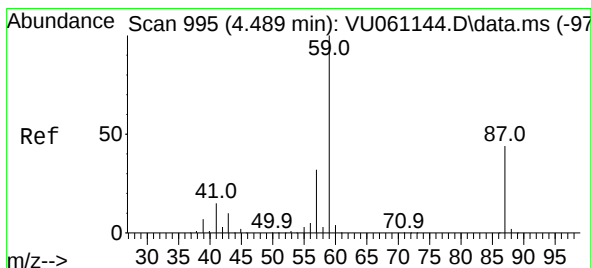
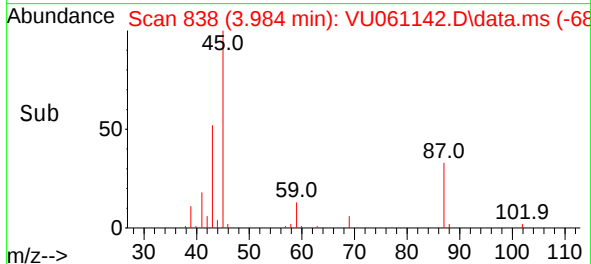
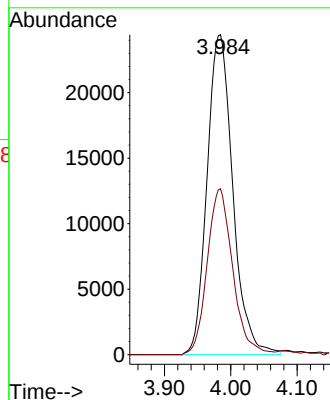
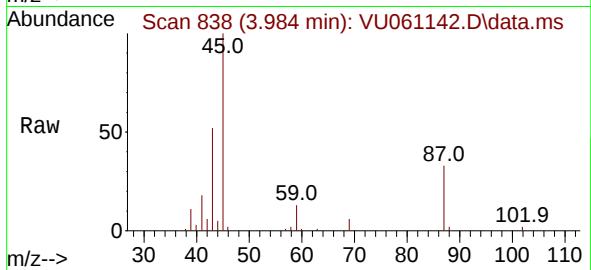




#31
Isopropyl Ether
Concen: 2.011 ug/l
RT: 3.984 min Scan# 838
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

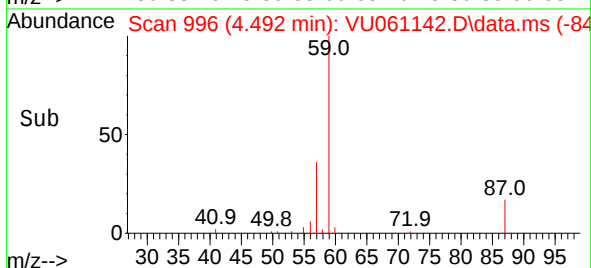
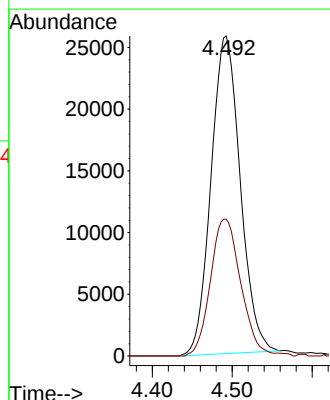
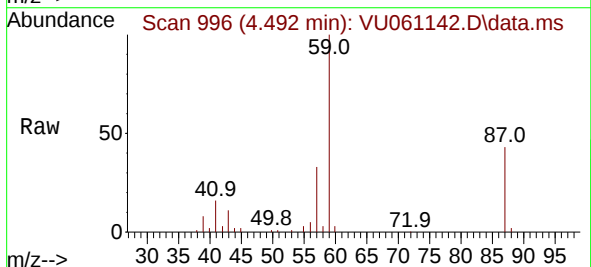
Instrument :
MSVOA_U
ClientSampleId :

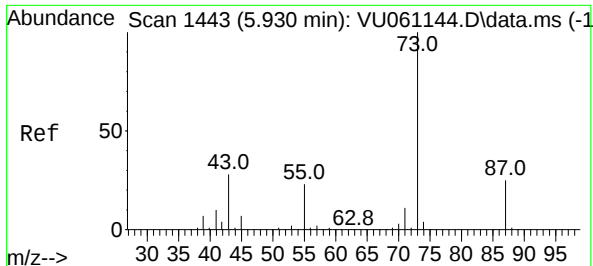
Tgt Ion: 45 Resp: 65963
Ion Ratio Lower Upper
45 100
43 51.4 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 1.938 ug/l
RT: 4.492 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

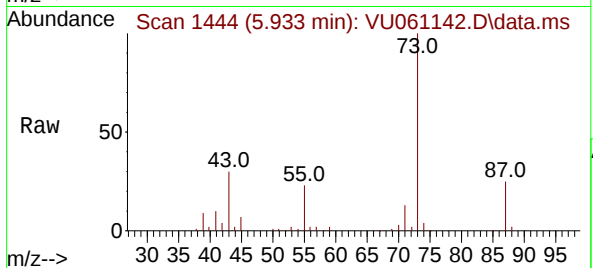
Tgt Ion: 59 Resp: 65347
Ion Ratio Lower Upper
59 100
87 44.9 34.7 52.1



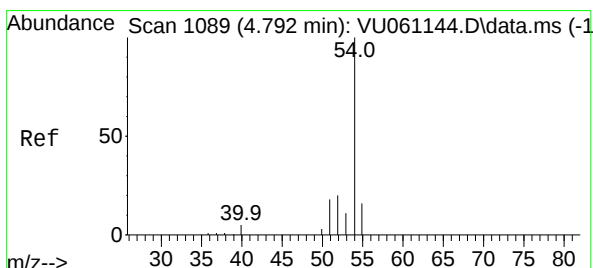
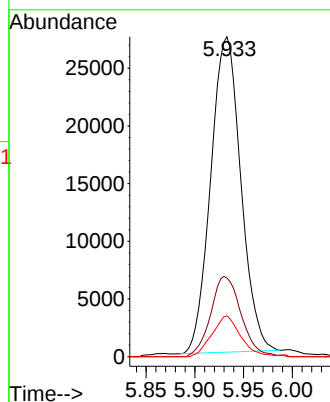
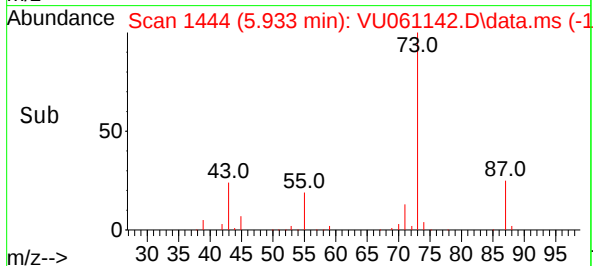


#33
Tert-Amyl methyl ether
Concen: 1.941 ug/l
RT: 5.933 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :

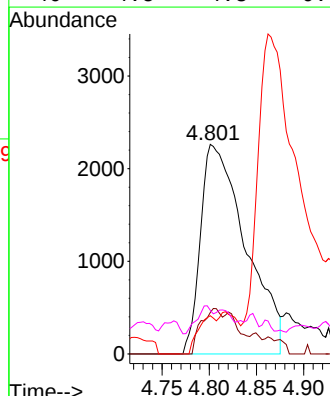
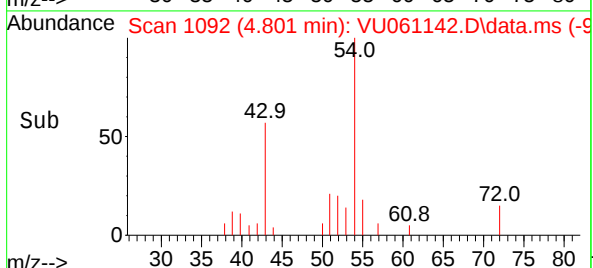
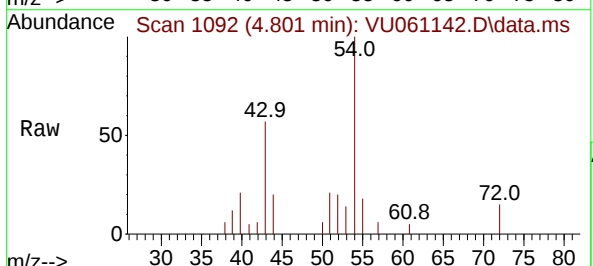


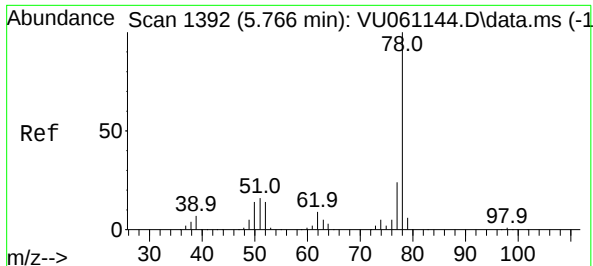
Tgt Ion: 73	Resp: 58894
Ion Ratio	Lower Upper
73	100
87	25.7 19.8 29.8
71	12.4 8.6 12.8



#34
Propionitrile
Concen: 8.818 ug/l
RT: 4.801 min Scan# 1092
Delta R.T. 0.009 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 54	Resp: 7530
Ion Ratio	Lower Upper
54	100
52	9.9 15.3 22.9#
55	7.2 9.7 14.5#
40	4.5 4.3 6.5

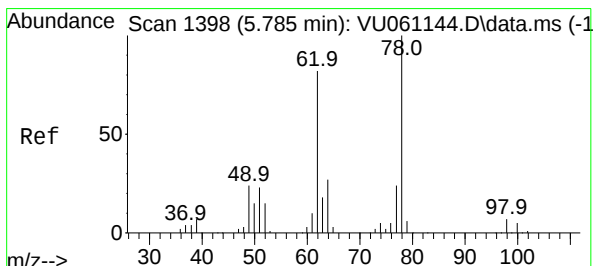
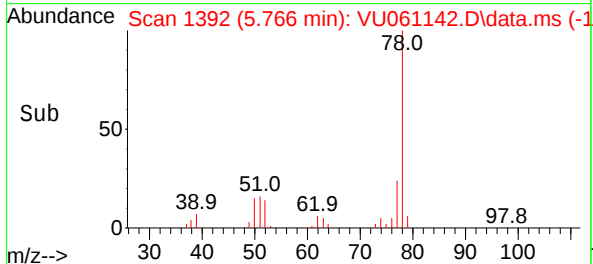
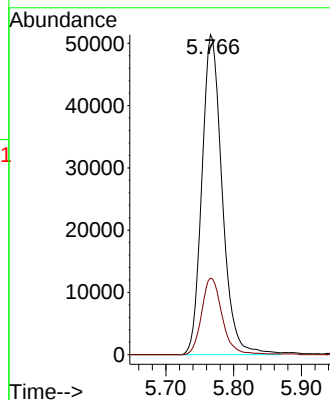
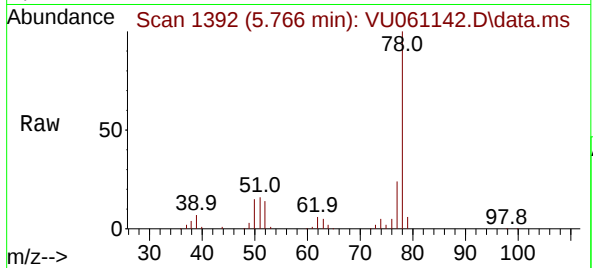




#35
Benzene
Concen: 2.020 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

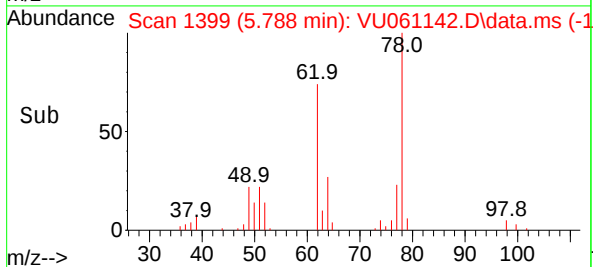
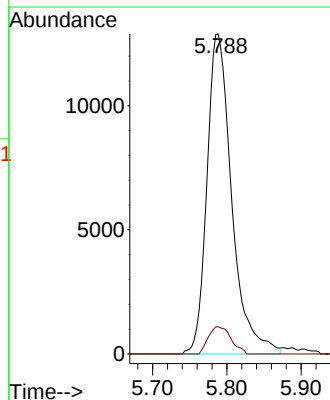
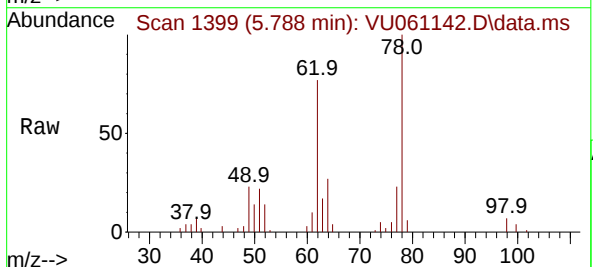
Instrument :
MSVOA_U
ClientSampleId :

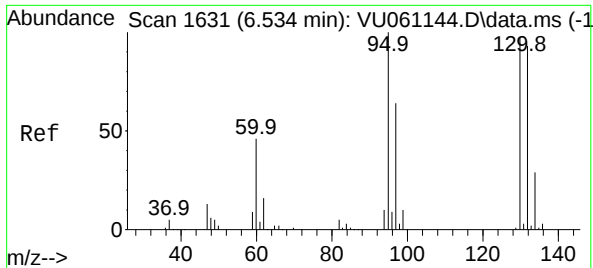
Tgt Ion: 78 Resp: 106834
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0



#36
1,2-Dichloroethane
Concen: 2.002 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 62 Resp: 29897
Ion Ratio Lower Upper
62 100
98 7.8 7.0 10.4





#37

Trichloroethene

Concen: 2.039 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

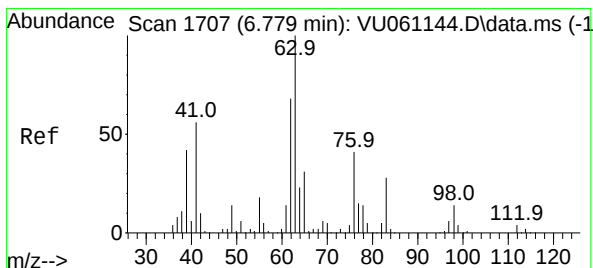
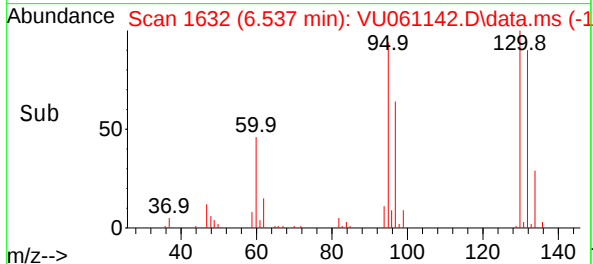
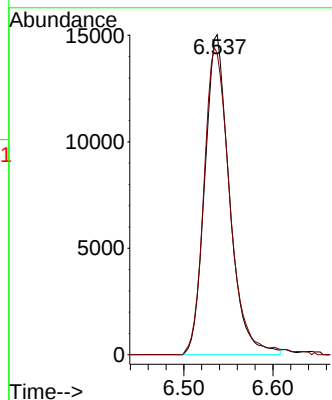
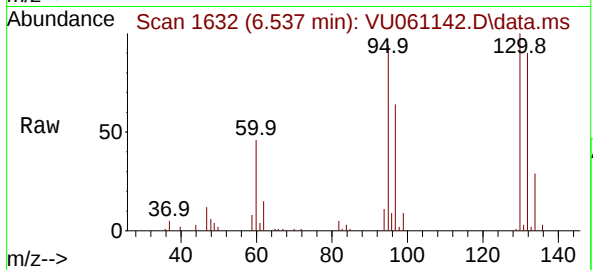
ClientSampleId :

Tgt Ion:130 Resp: 28782

Ion Ratio Lower Upper

130 100

95 94.3 82.6 123.8



#38

1,2-Dichloropropane

Concen: 1.995 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU061142.D

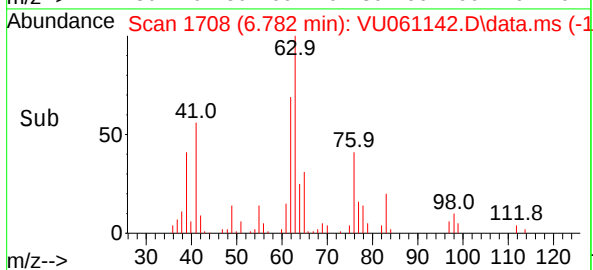
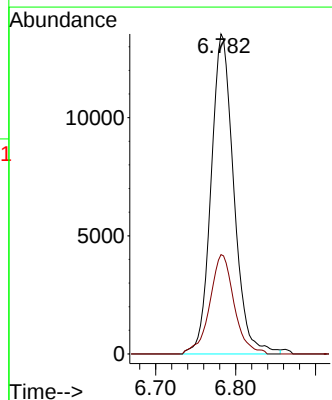
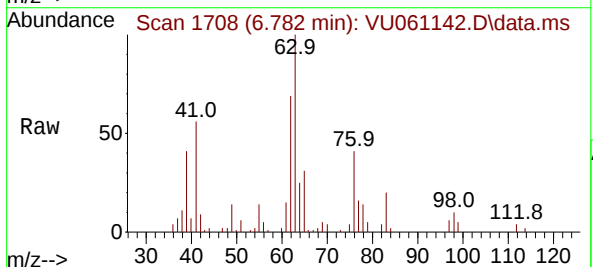
Acq: 17 Oct 2024 12:12

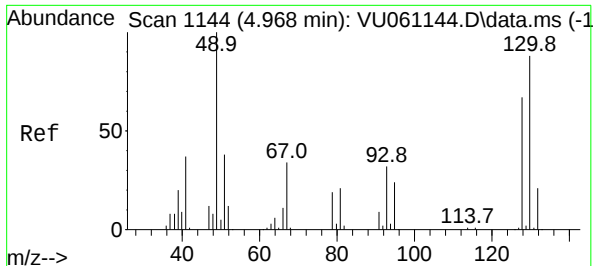
Tgt Ion: 63 Resp: 26727

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.6





#39

Methacrylonitrile

Concen: 2.010 ug/l

RT: 4.984 min Scan# 1149

Delta R.T. 0.016 min

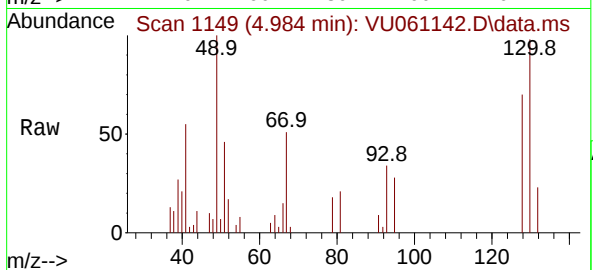
Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

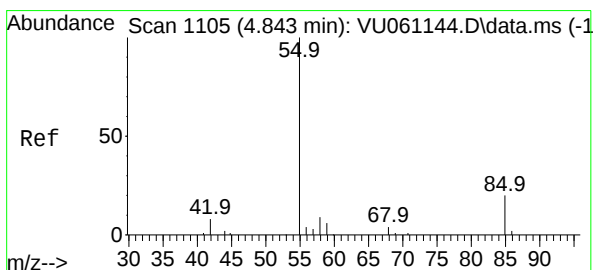
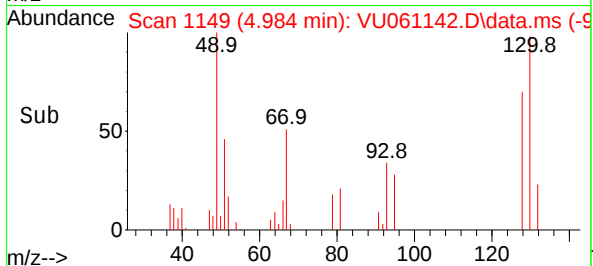
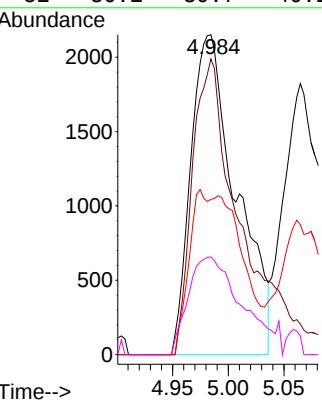
MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 6131

Ion	Ratio	Lower	Upper
41	100		
67	98.6	78.1	117.1
39	21.1	44.6	67.0#
52	36.1	30.7	46.1



#40

Methyl acrylate

Concen: 1.539 ug/l

RT: 4.862 min Scan# 1111

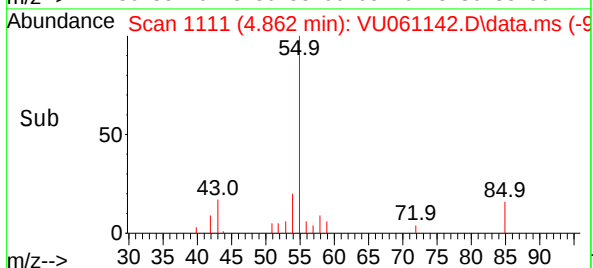
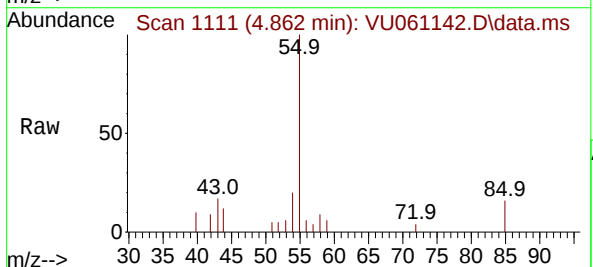
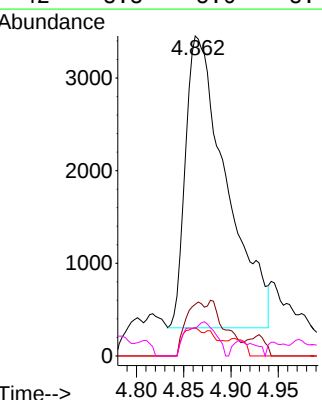
Delta R.T. 0.019 min

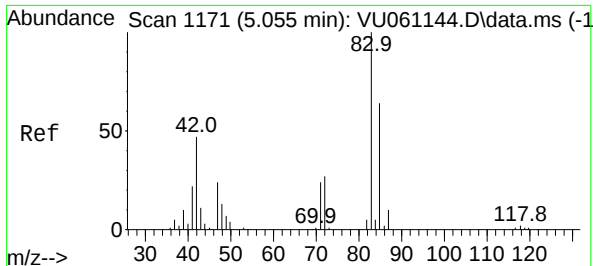
Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion: 55 Resp: 9437

Ion	Ratio	Lower	Upper
55	100		
85	0.0	14.1	21.1#
58	4.8	6.9	10.3#
42	8.3	5.6	8.4





#41

Tetrahydrofuran

Concen: 3.837 ug/l

RT: 5.065 min Scan# 1171

Delta R.T. 0.009 min

Lab File: VU061142.D

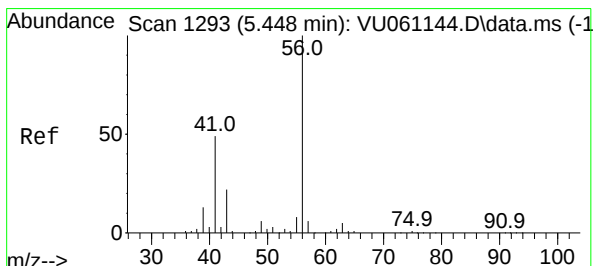
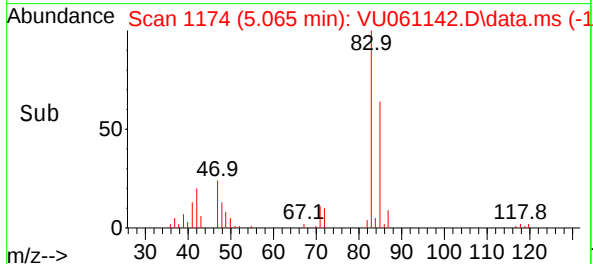
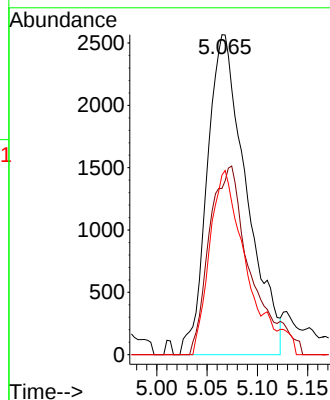
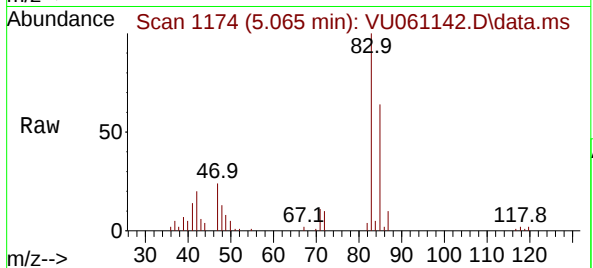
Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	6955
Ion	Ratio	Lower	Upper
42	100		
72	62.1	47.8	71.8
71	52.1	41.5	62.3



#42

1-Chlorobutane

Concen: 1.951 ug/l

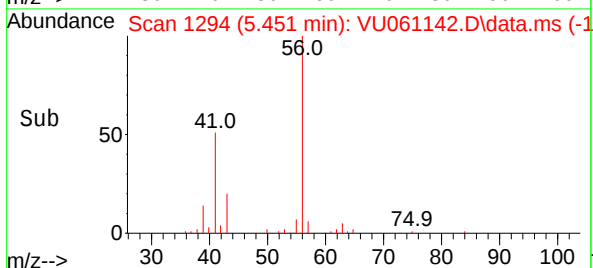
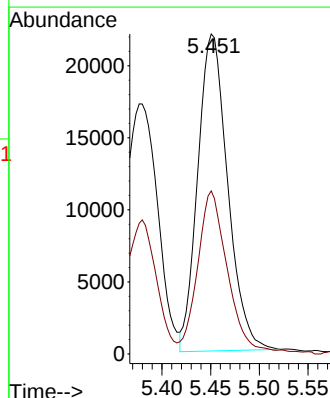
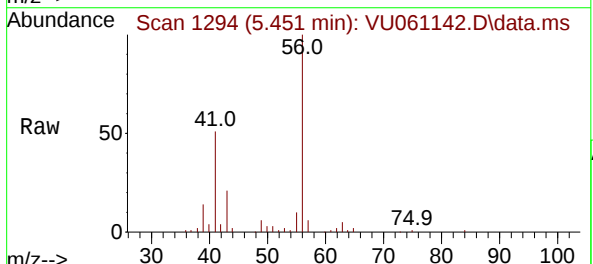
RT: 5.451 min Scan# 1294

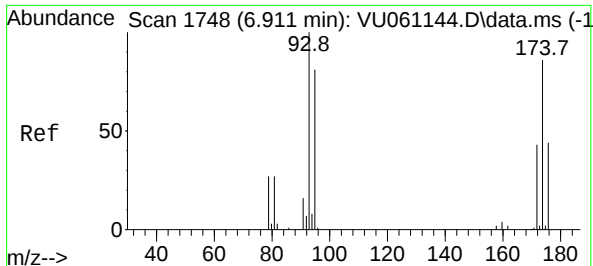
Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

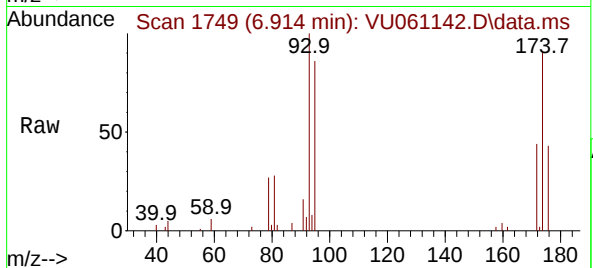
Tgt Ion:	56	Resp:	47005
Ion	Ratio	Lower	Upper
56	100		
41	49.1	23.9	71.7



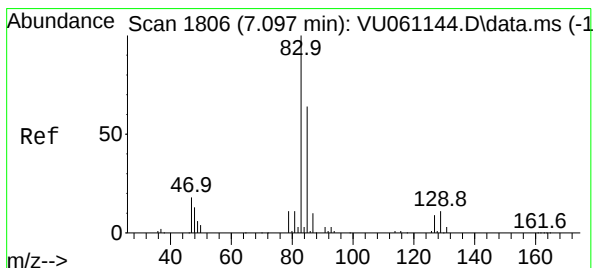
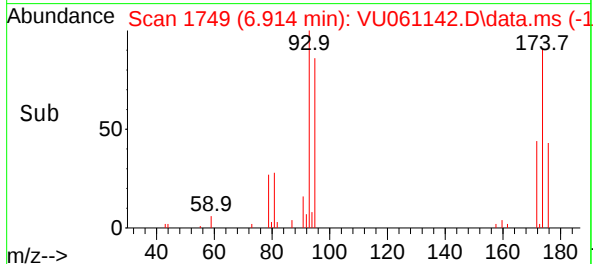
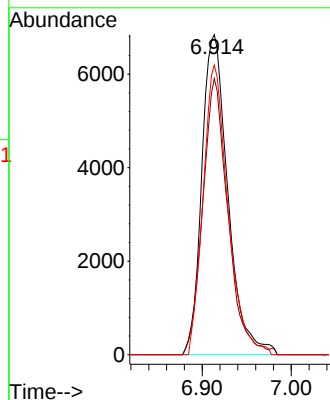


#43
Dibromomethane
Concen: 2.005 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Instrument :
MSVOA_U
ClientSampleId :

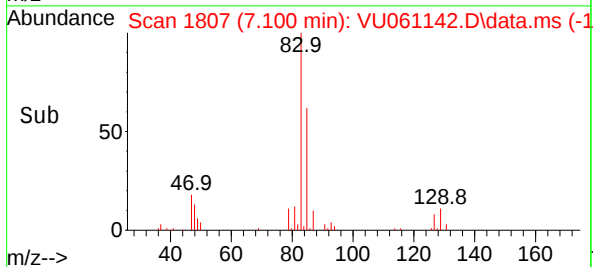
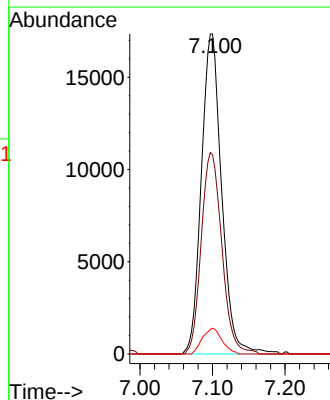
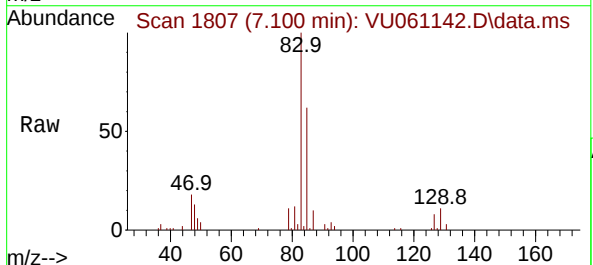


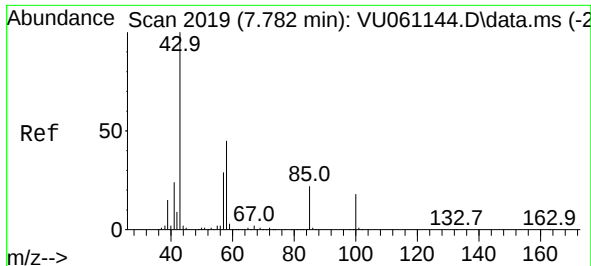
Tgt Ion: 93 Resp: 13927
Ion Ratio Lower Upper
93 100
95 83.2 67.5 101.3
174 86.2 71.2 106.8



#44
Bromodichloromethane
Concen: 1.999 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 83 Resp: 33760
Ion Ratio Lower Upper
83 100
85 62.3 51.4 77.2
127 8.9 7.4 11.2

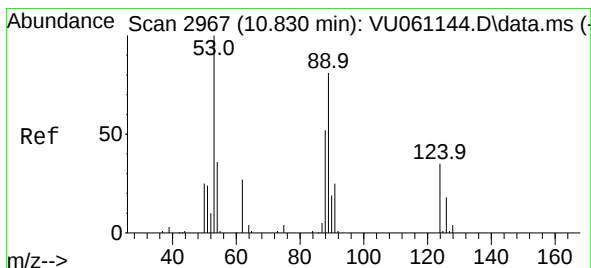
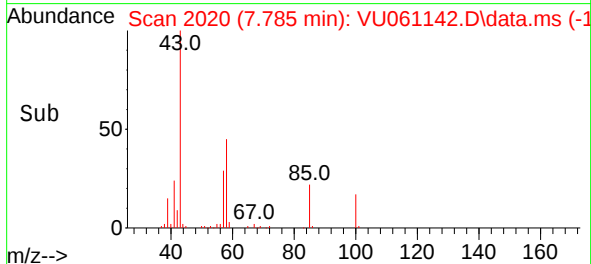
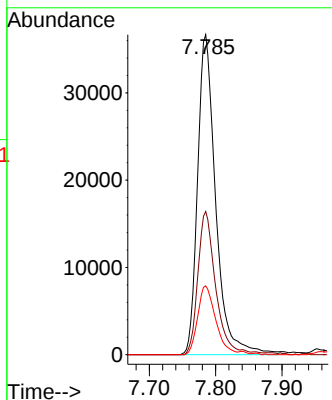
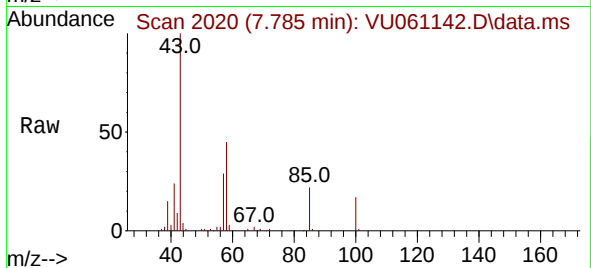




#45
4-Methyl-2-Pentanone
Concen: 9.984 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

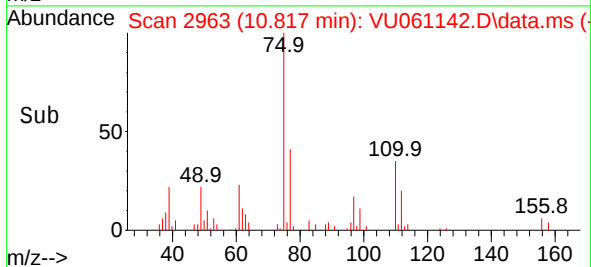
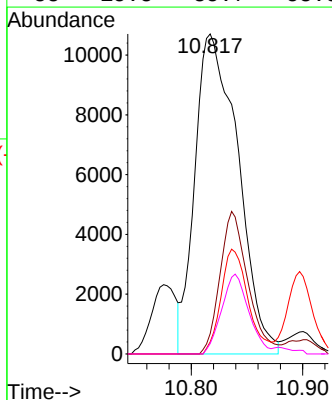
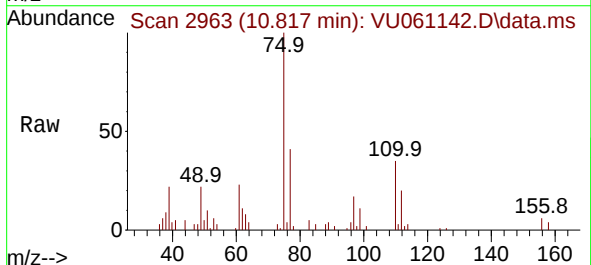
Instrument :
MSVOA_U
ClientSampleId :

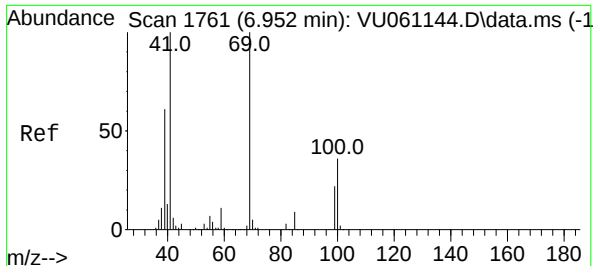
Tgt Ion: 43 Resp: 69615
Ion Ratio Lower Upper
43 100
58 43.8 22.2 66.6
85 21.2 17.2 25.8



#46
t-1,4-Dichloro-2-butene
Concen: 9.944 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.013 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 75 Resp: 28689
Ion Ratio Lower Upper
75 100
53 29.1 66.0 99.0#
89 20.7 48.0 72.0#
88 15.8 35.7 53.5#





#47

Methyl methacrylate

Concen: 3.939 ug/l

RT: 6.959 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 23779

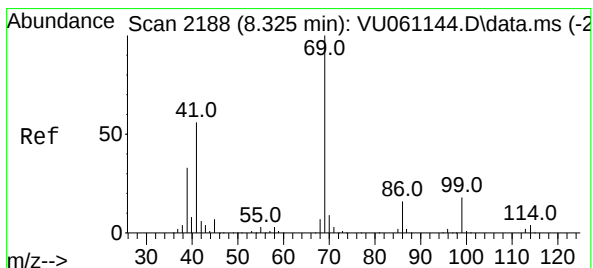
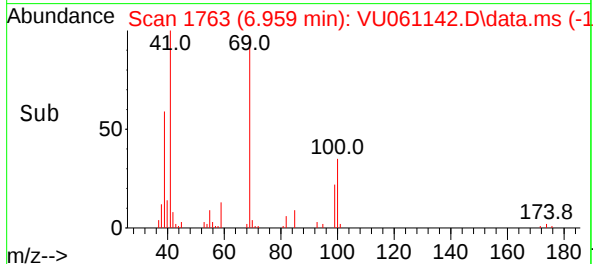
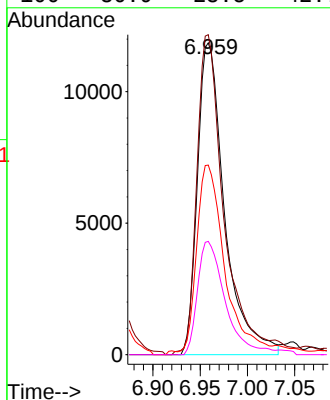
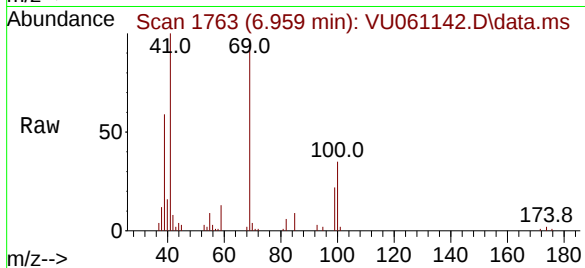
Ion Ratio Lower Upper

69 100

41 103.2 0.0 196.0

39 60.3 48.0 72.0

100 36.9 28.5 42.7



#48

Ethyl methacrylate

Concen: 2.008 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.003 min

Lab File: VU061142.D

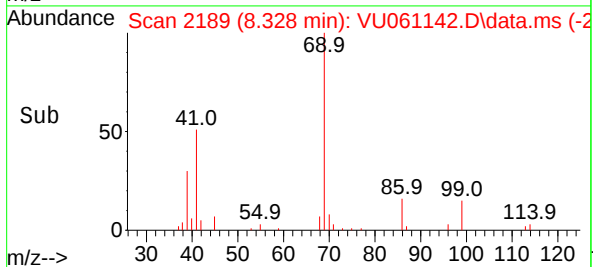
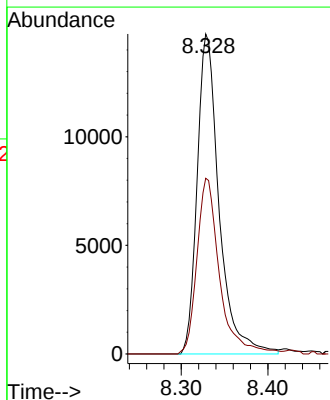
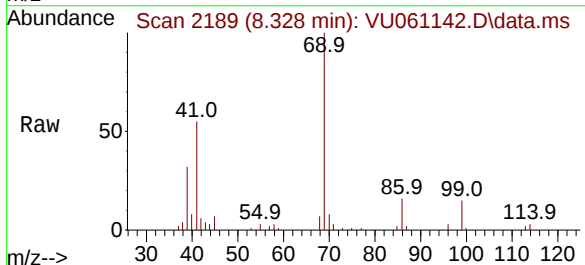
Acq: 17 Oct 2024 12:12

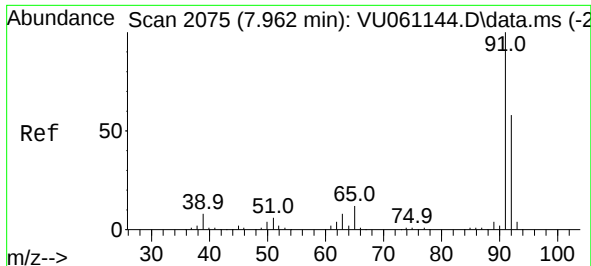
Tgt Ion: 69 Resp: 25849

Ion Ratio Lower Upper

69 100

41 56.6 28.1 84.3





#49

Toluene

Concen: 2.020 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

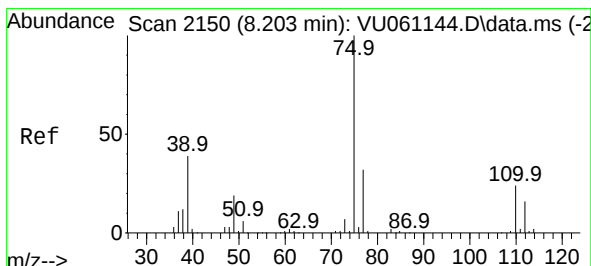
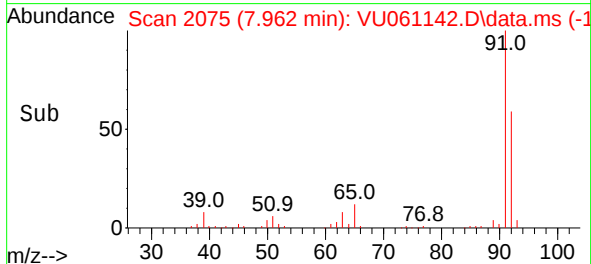
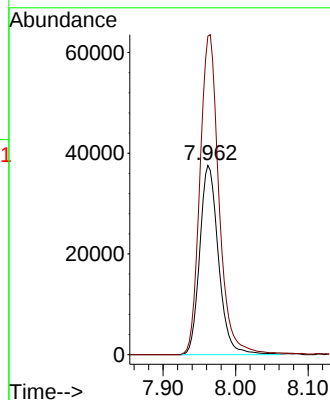
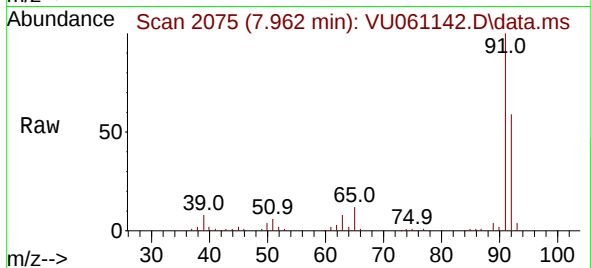
ClientSampleId :

Tgt Ion: 92 Resp: 67504

Ion Ratio Lower Upper

92 100

91 172.8 139.1 208.7



#50

t-1,3-Dichloropropene

Concen: 1.913 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061142.D

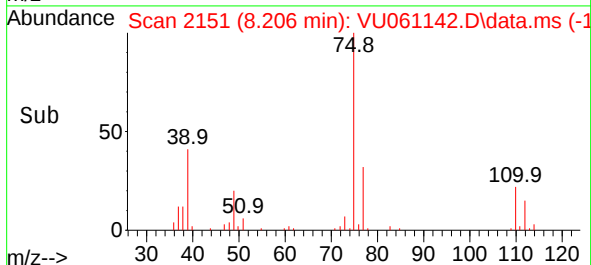
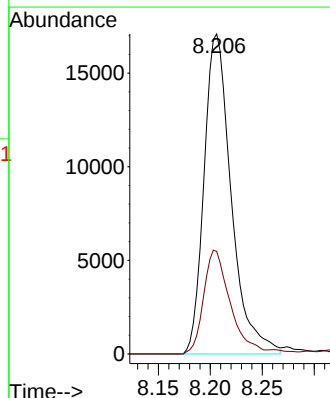
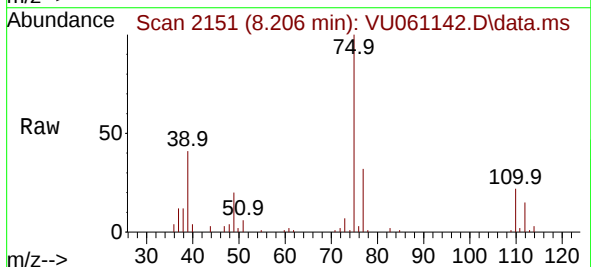
Acq: 17 Oct 2024 12:12

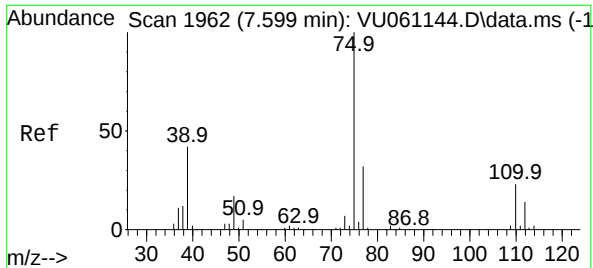
Tgt Ion: 75 Resp: 31154

Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9



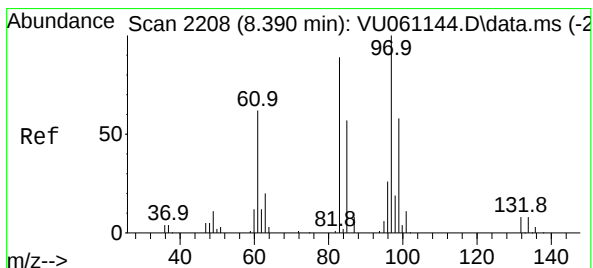
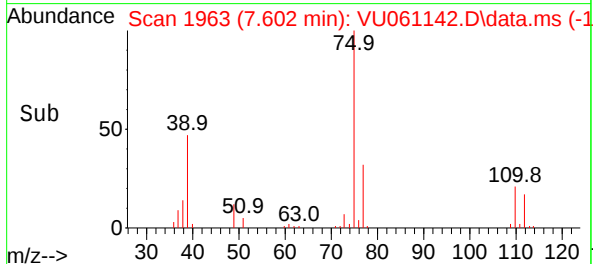
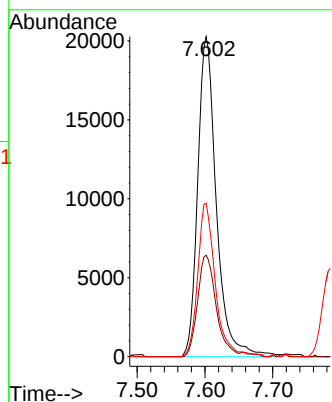
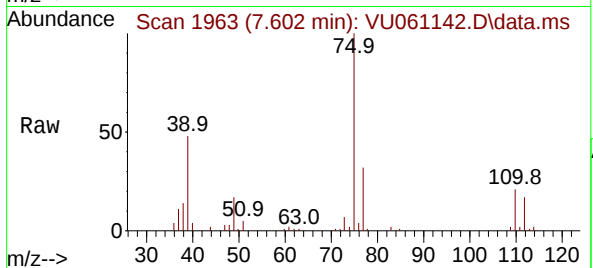


#51
 cis-1,3-Dichloropropene
 Concen: 1.935 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 38666

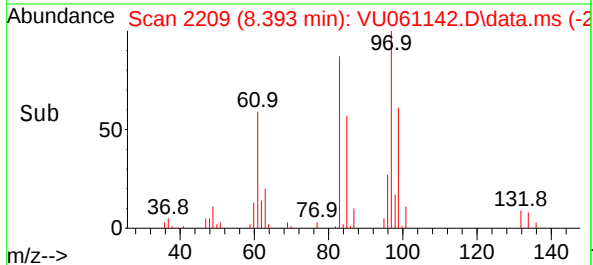
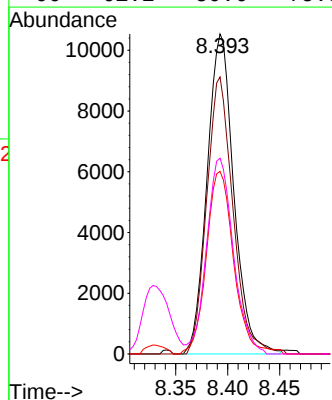
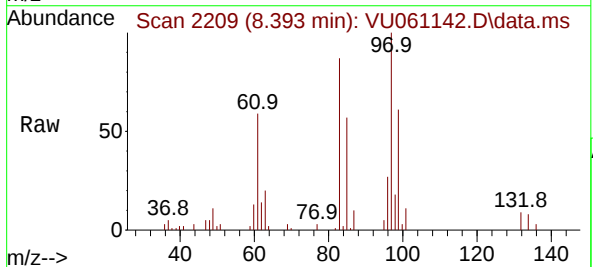
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	48.0	33.7	50.5

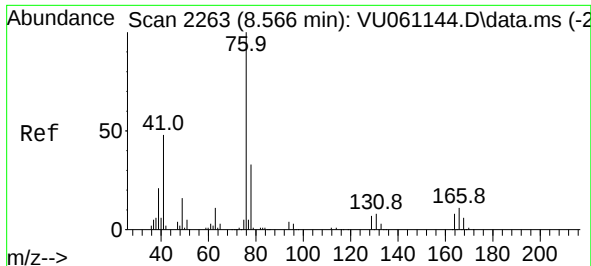


#52
 1,1,2-Trichloroethane
 Concen: 2.012 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12

Tgt Ion: 97 Resp: 18850

Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.0	106.4
85	57.1	46.1	69.1
99	61.2	50.6	75.8

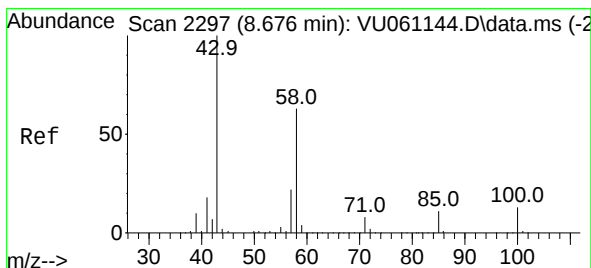
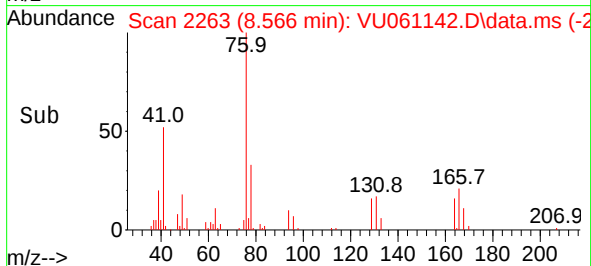
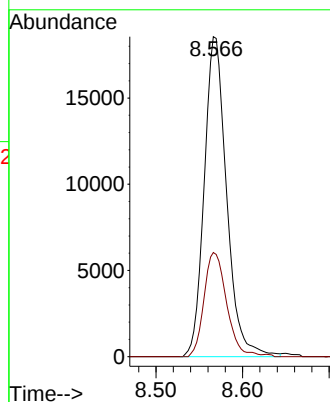
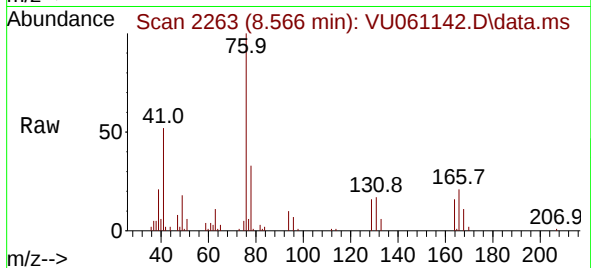




#53
1,3-Dichloropropane
Concen: 2.027 ug/l
RT: 8.566 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

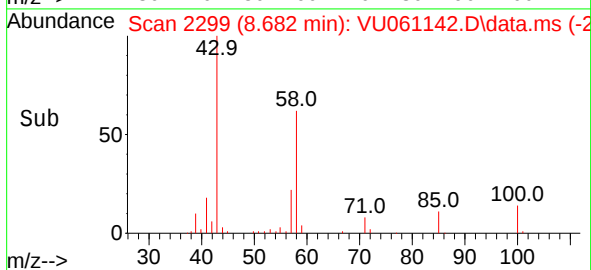
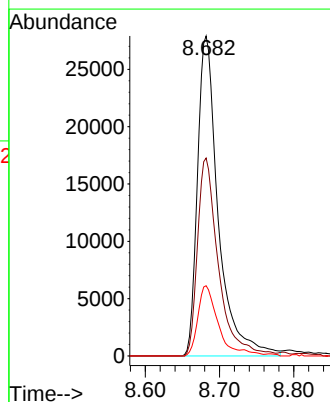
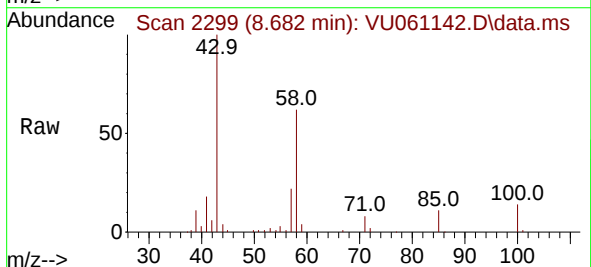
Instrument :
MSVOA_U
ClientSampleId :

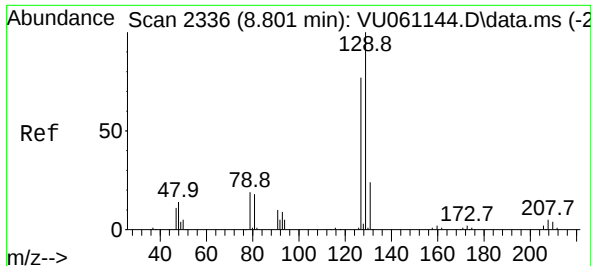
Tgt Ion: 76 Resp: 33346
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2



#54
2-Hexanone
Concen: 9.517 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion: 43 Resp: 54512
Ion Ratio Lower Upper
43 100
58 62.0 41.8 81.8
57 21.6 1.4 41.4





#55

Dibromochloromethane

Concen: 1.937 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

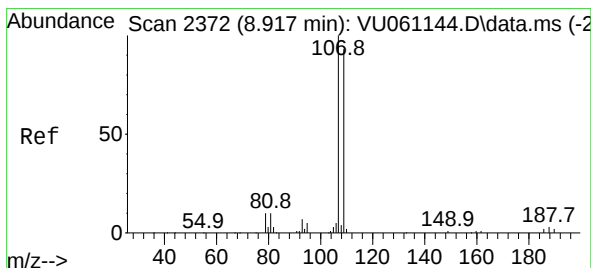
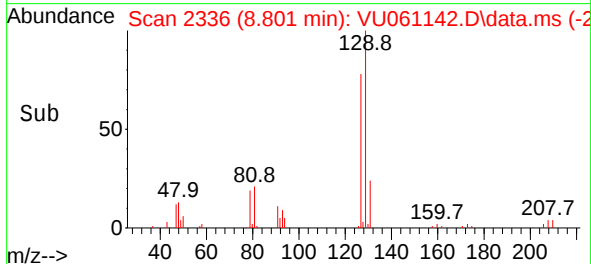
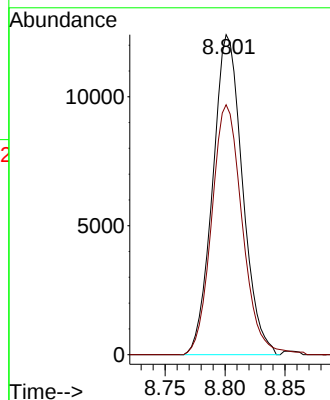
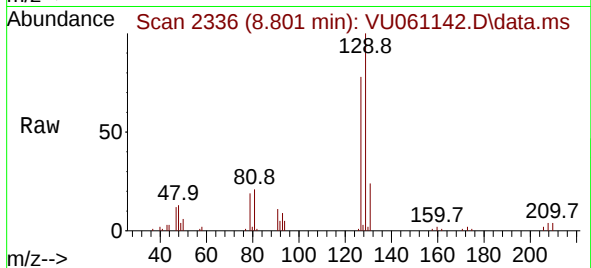
ClientSampleId :

Tgt Ion:129 Resp: 21423

Ion Ratio Lower Upper

129 100

127 80.3 61.9 92.9



#56

1,2-Dibromoethane

Concen: 2.025 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU061142.D

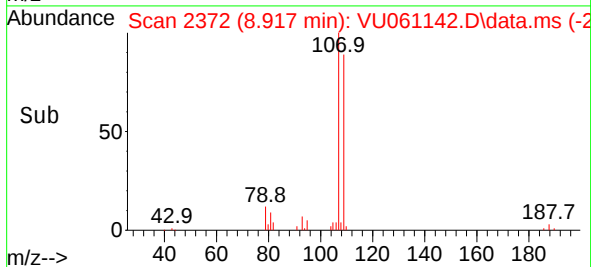
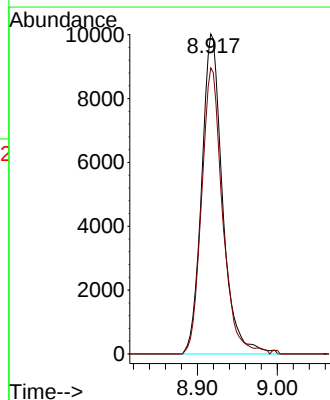
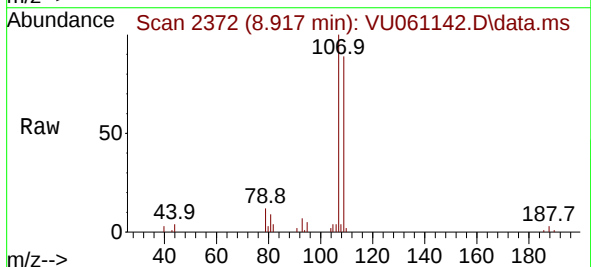
Acq: 17 Oct 2024 12:12

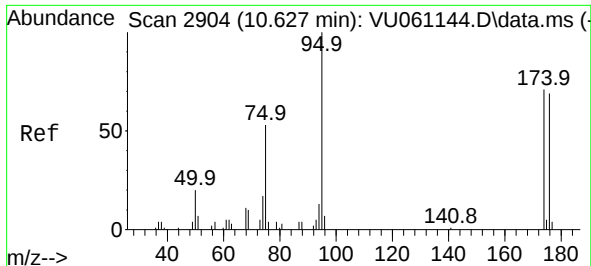
Tgt Ion:107 Resp: 18201

Ion Ratio Lower Upper

107 100

109 89.8 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 1.015 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

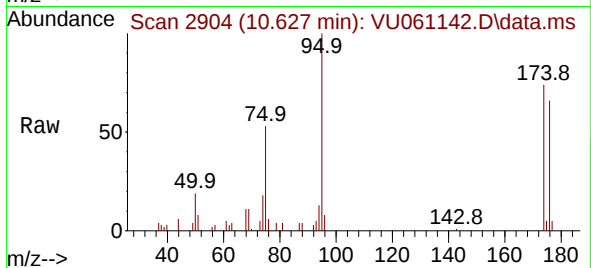
Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :



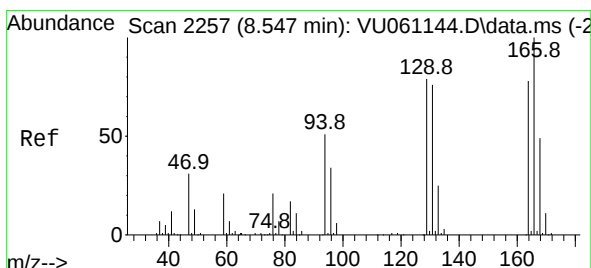
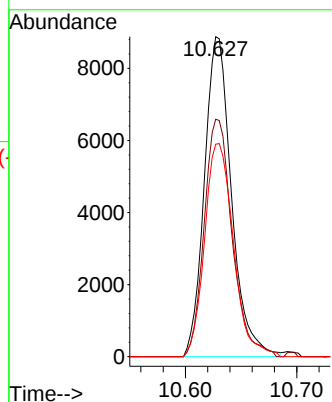
Tgt Ion: 95 Resp: 15027

Ion Ratio Lower Upper

95 100

174 76.5 55.4 83.0

176 70.8 54.4 81.6



#58

Tetrachloroethene

Concen: 2.005 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion:164 Resp: 24002

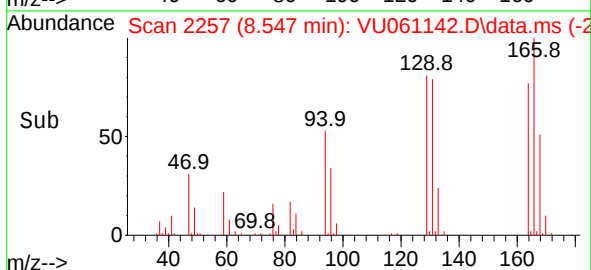
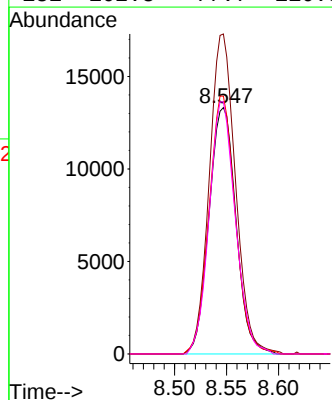
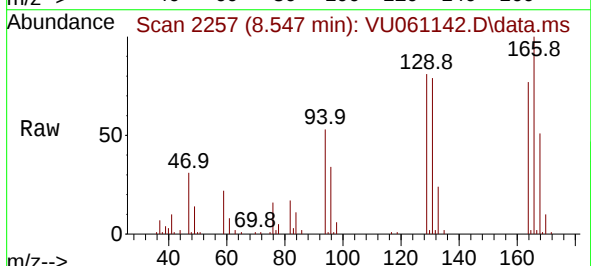
Ion Ratio Lower Upper

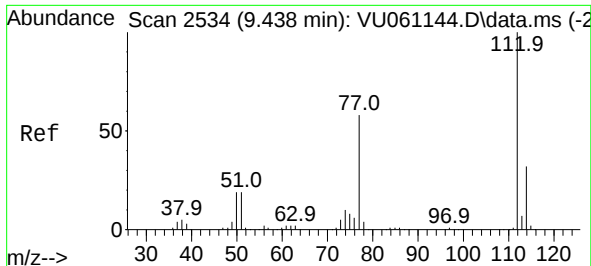
164 100

166 129.9 102.1 153.1

129 104.6 80.6 120.8

131 102.3 77.7 116.5





#59

Chlorobenzene

Concen: 1.991 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

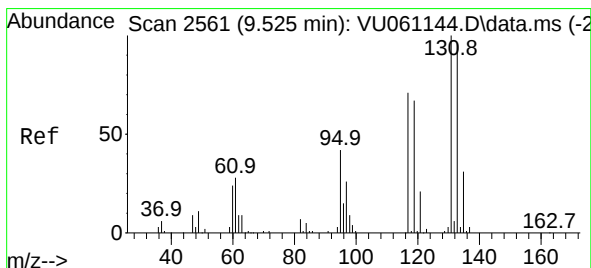
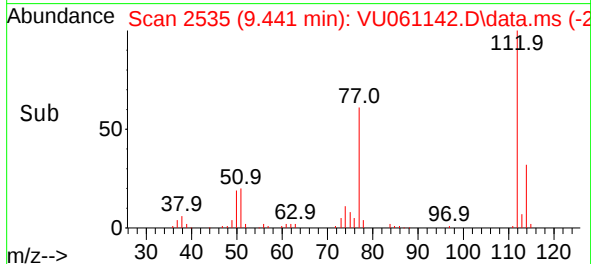
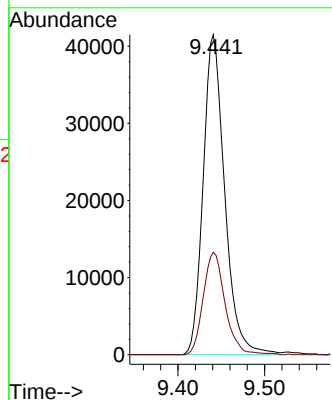
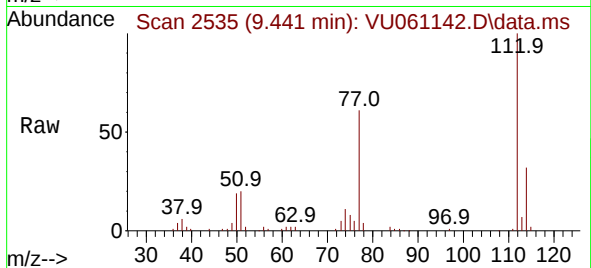
ClientSampleId :

Tgt Ion:112 Resp: 71646

Ion Ratio Lower Upper

112 100

114 32.0 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 1.945 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

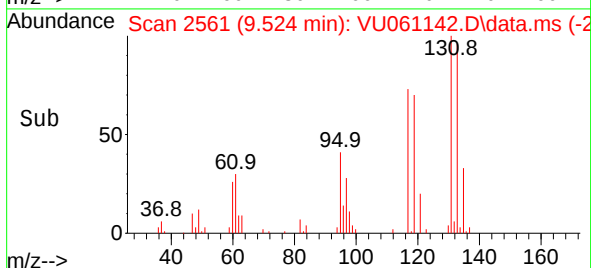
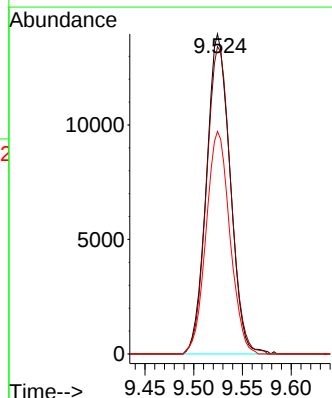
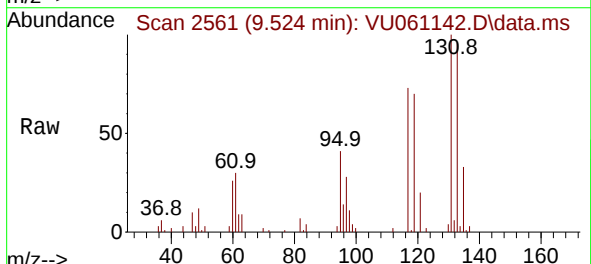
Tgt Ion:131 Resp: 23619

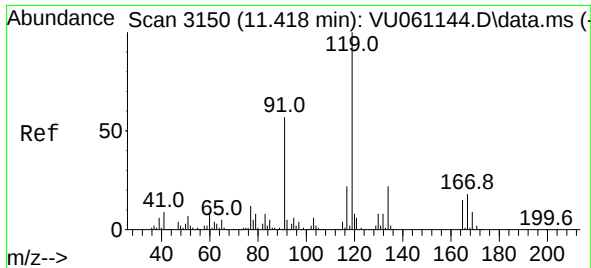
Ion Ratio Lower Upper

131 100

133 98.2 76.8 115.2

119 69.8 54.2 81.2

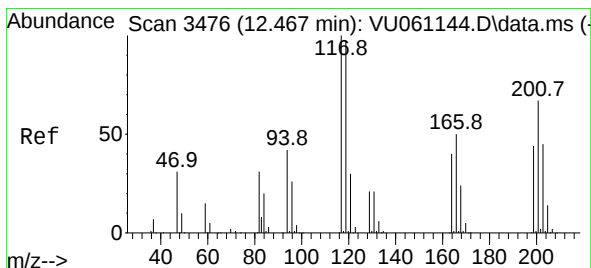
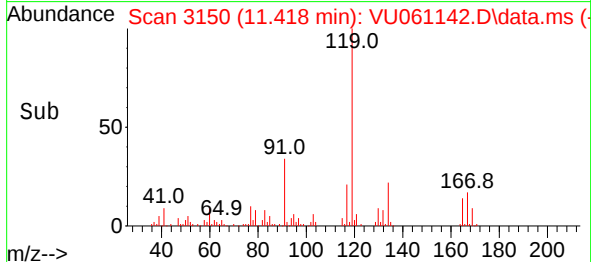
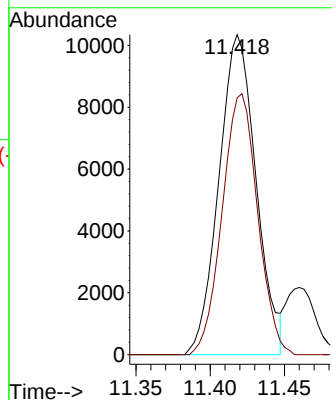
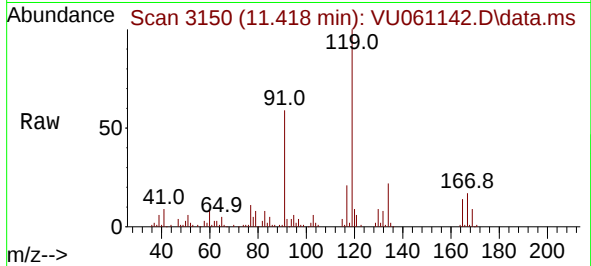




#61
Pentachloroethane
Concen: 1.943 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

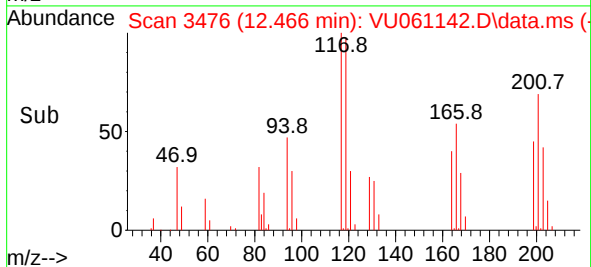
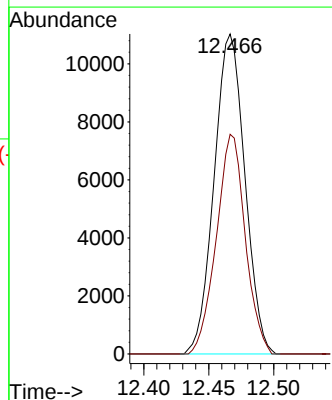
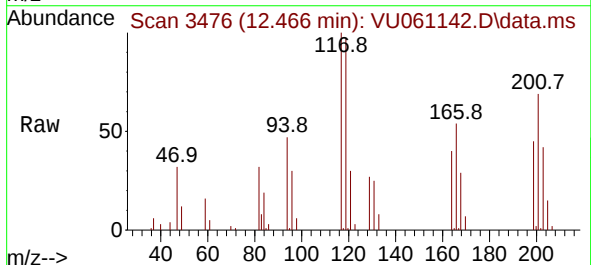
Instrument :
MSVOA_U
ClientSampleId :

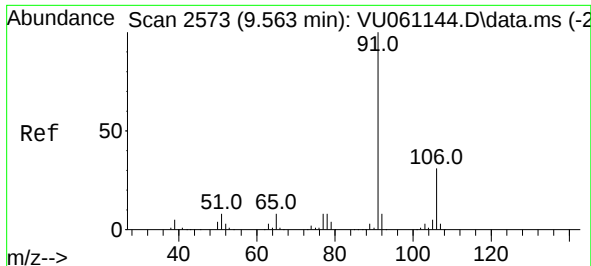
Tgt Ion:117 Resp: 18050
Ion Ratio Lower Upper
117 100
167 77.7 63.4 95.2



#62
Hexachloroethane
Concen: 1.894 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion:117 Resp: 18132
Ion Ratio Lower Upper
117 100
201 64.6 54.3 81.5





#63

Ethyl Benzene

Concen: 1.964 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

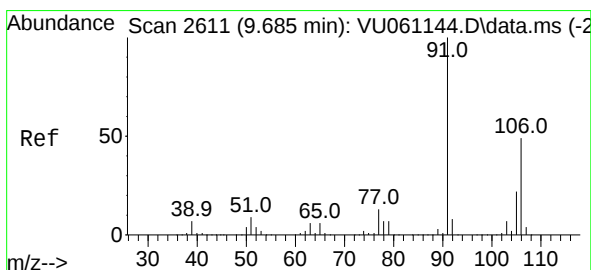
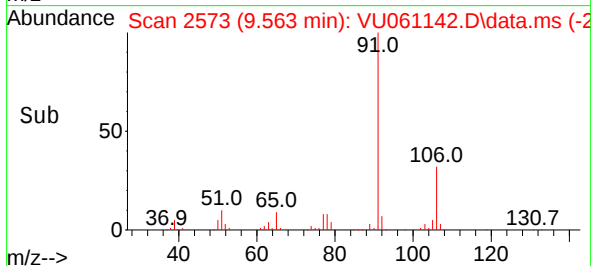
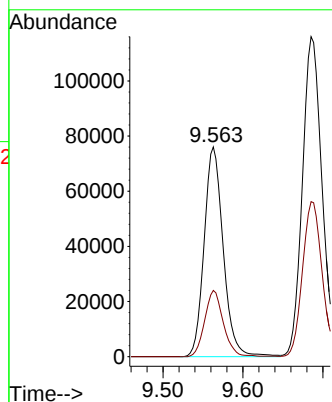
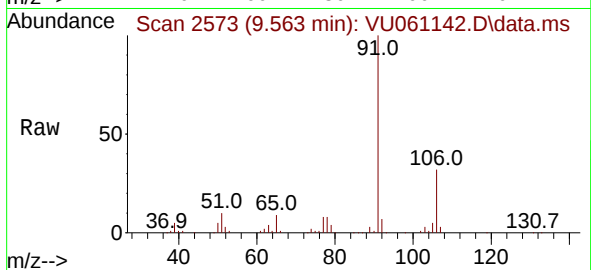
ClientSampleId :

Tgt Ion: 91 Resp: 126662

Ion Ratio Lower Upper

91 100

106 31.6 24.6 37.0



#64

m/p-Xylenes

Concen: 3.936 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061142.D

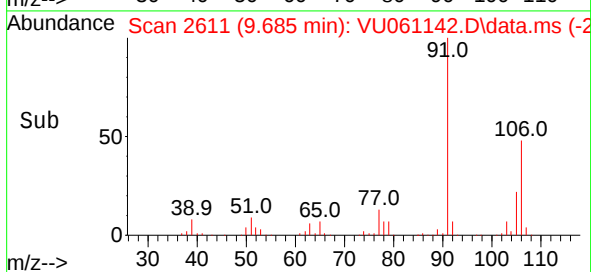
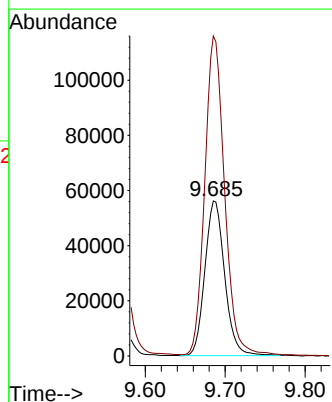
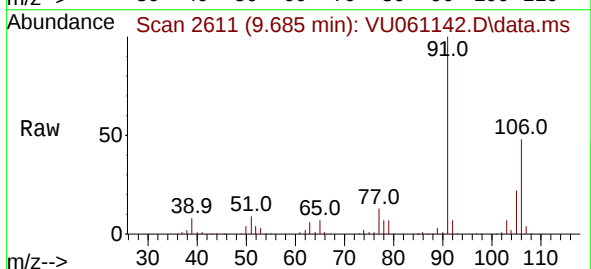
Acq: 17 Oct 2024 12:12

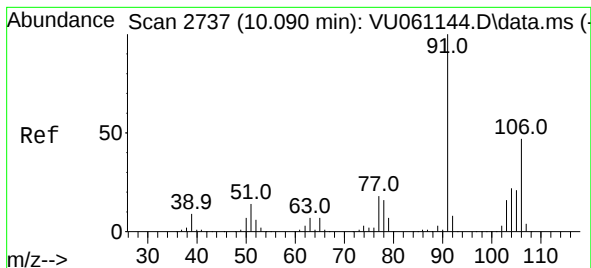
Tgt Ion:106 Resp: 96582

Ion Ratio Lower Upper

106 100

91 208.5 163.3 244.9





#65

o-Xylene

Concen: 1.980 ug/l

RT: 10.093 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

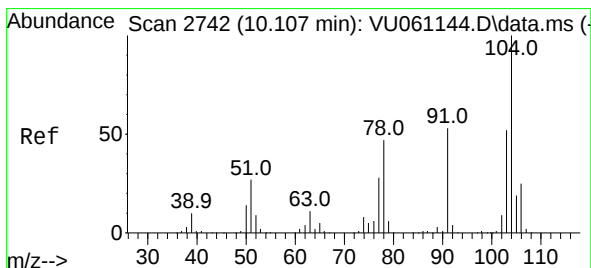
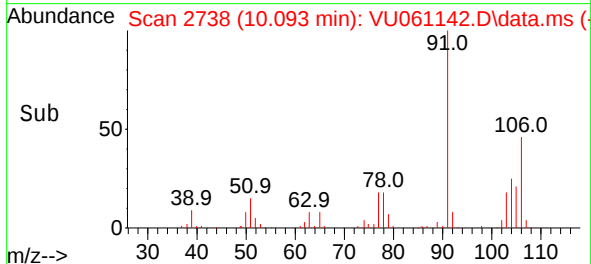
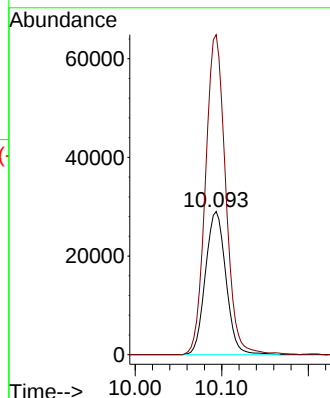
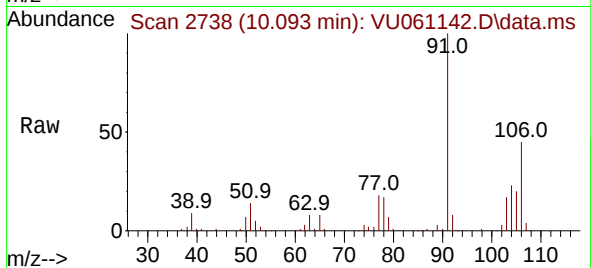
ClientSampleId :

Tgt Ion:106 Resp: 47867

Ion Ratio Lower Upper

106 100

91 219.8 106.9 320.8



#66

Styrene

Concen: 1.962 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

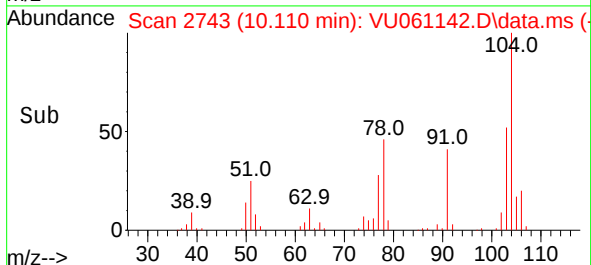
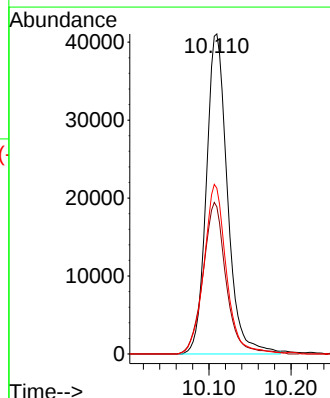
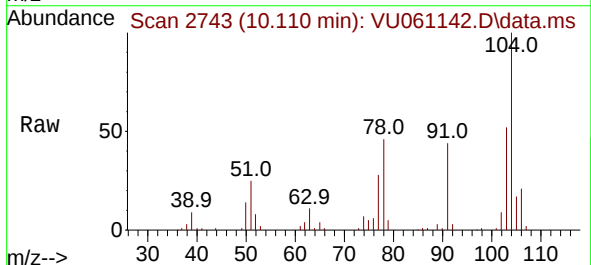
Tgt Ion:104 Resp: 73754

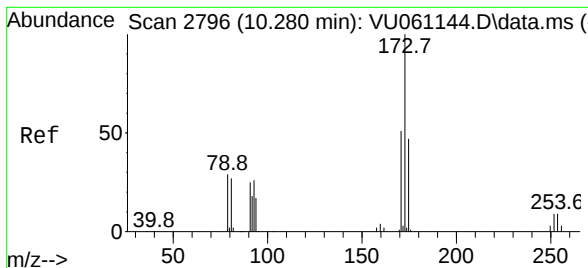
Ion Ratio Lower Upper

104 100

78 51.5 41.6 62.4

103 56.2 45.0 67.6





#67

Bromoform

Concen: 1.938 ug/l

RT: 10.283 min Scan# 2796

Delta R.T. 0.003 min

Lab File: VU061142.D

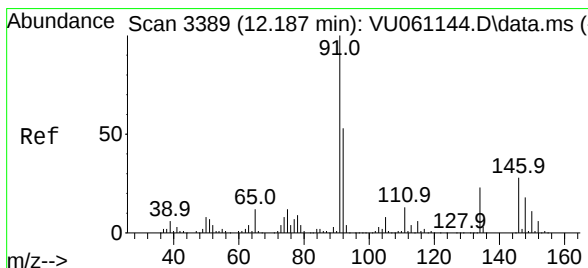
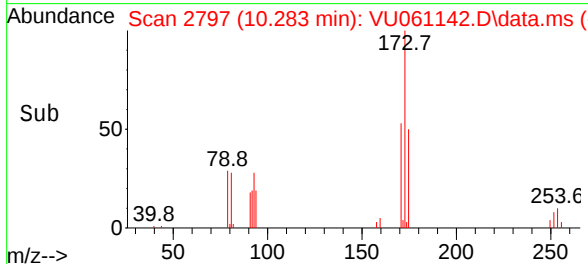
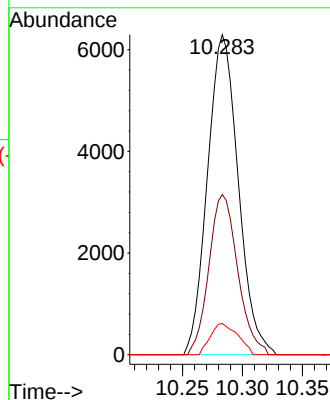
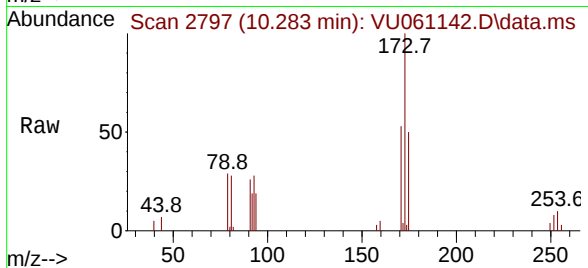
Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	11224
Ion Ratio	Lower	Upper
173	100	
175	46.9	37.8 56.8
254	8.6	7.0 10.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.020 ug/l

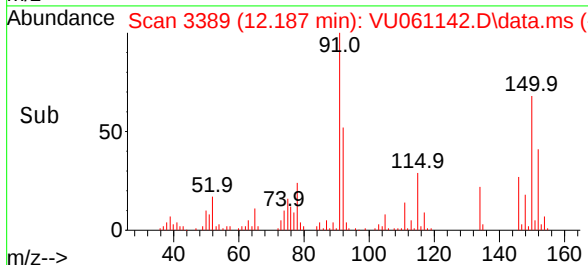
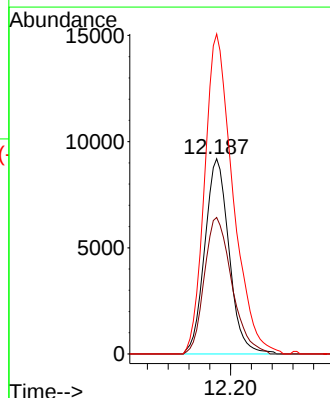
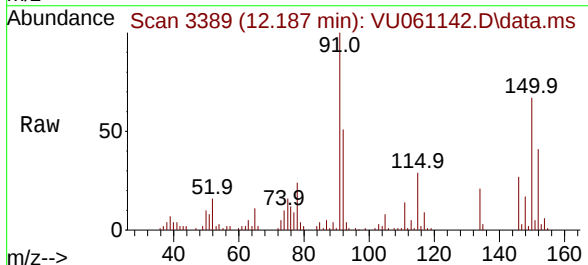
RT: 12.187 min Scan# 3389

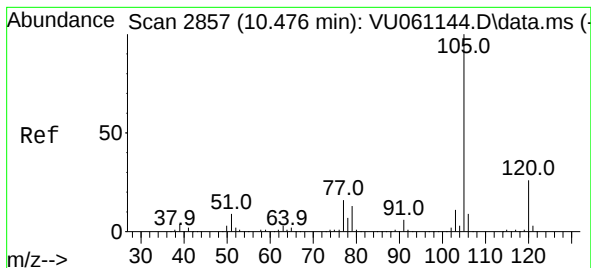
Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion:152	Resp:	14882
Ion Ratio	Lower	Upper
152	100	
115	79.4	0.0 275.0
150	191.1	0.0 668.8





#69

Isopropylbenzene

Concen: 1.946 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

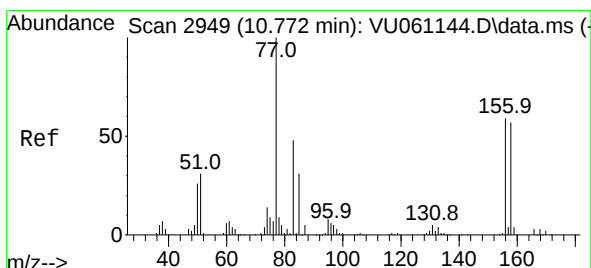
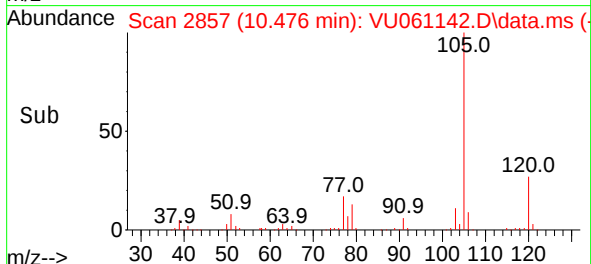
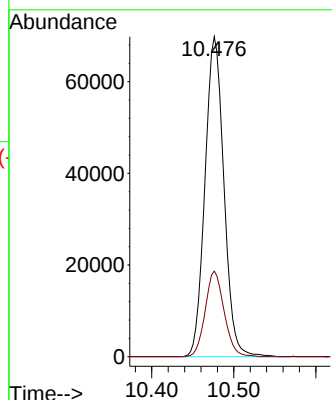
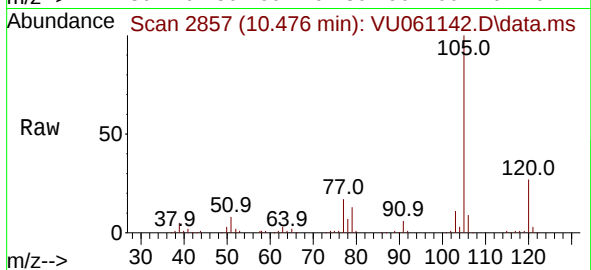
ClientSampleId :

Tgt Ion:105 Resp: 111910

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 1.944 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

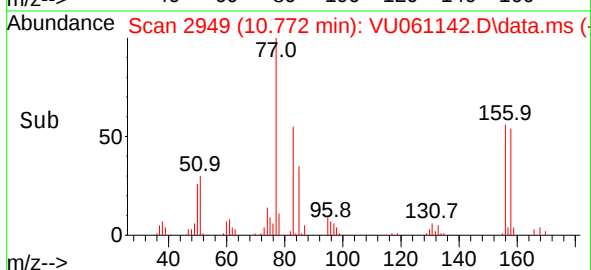
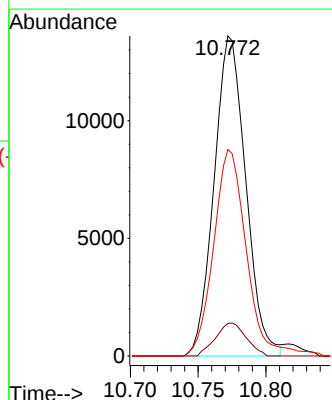
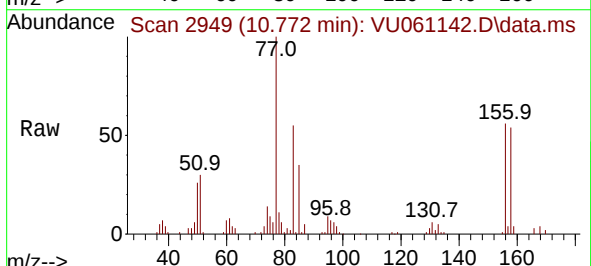
Tgt Ion: 83 Resp: 22114

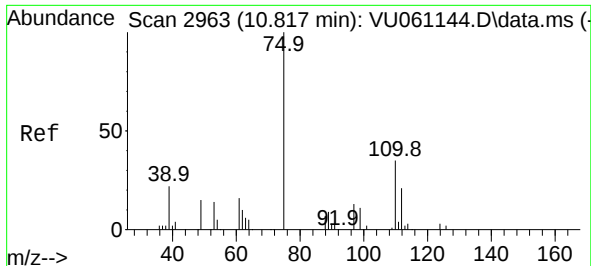
Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

85 66.7 50.8 76.2





#71

1,2,3-Trichloropropane

Concen: 3.070 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 28689

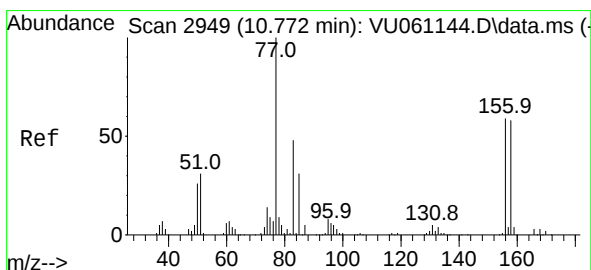
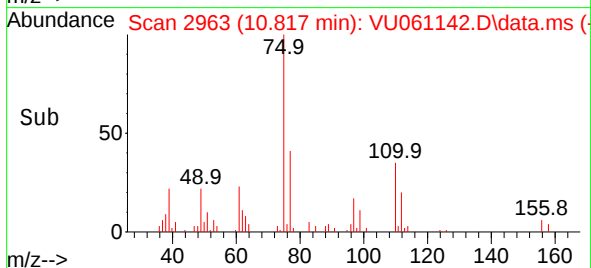
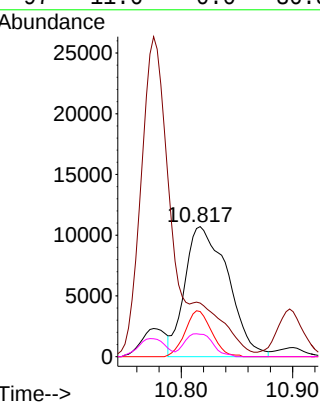
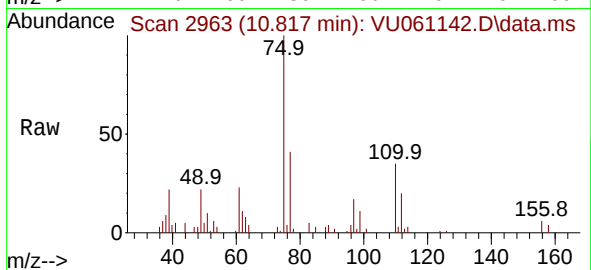
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 21.8 0.0 68.6

97 11.6 0.0 36.8



#72

Bromobenzene

Concen: 1.932 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

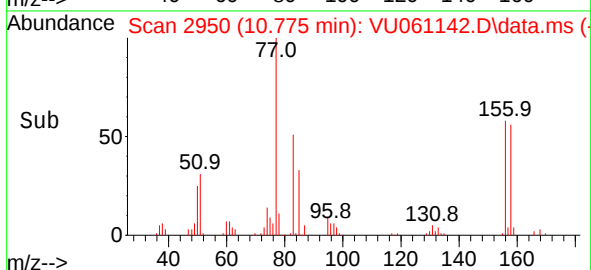
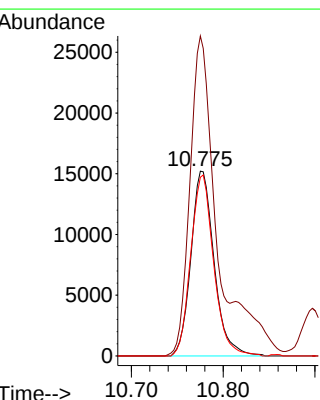
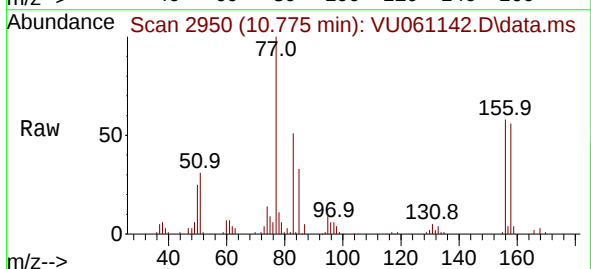
Tgt Ion:156 Resp: 26715

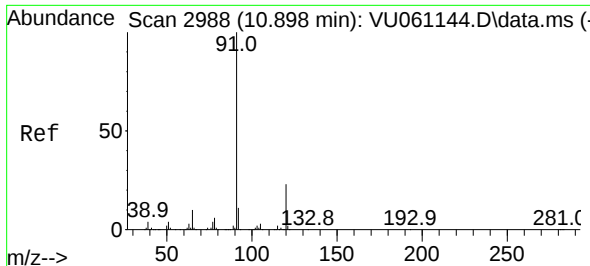
Ion Ratio Lower Upper

156 100

77 172.0 0.0 337.2

158 97.1 0.0 192.8

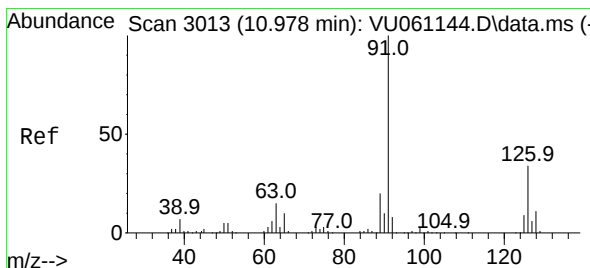
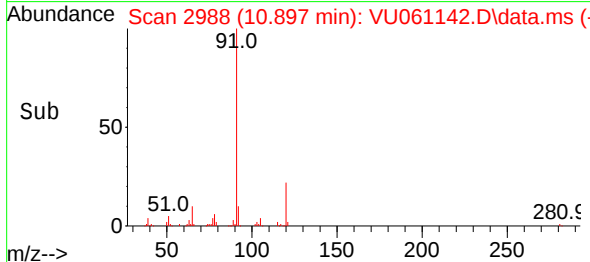
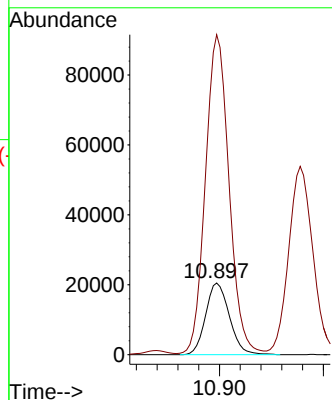
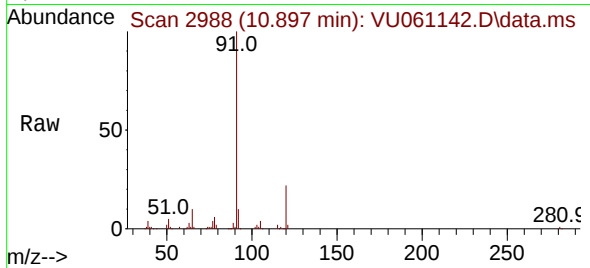




#73
n-propylbenzene
Concen: 1.936 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

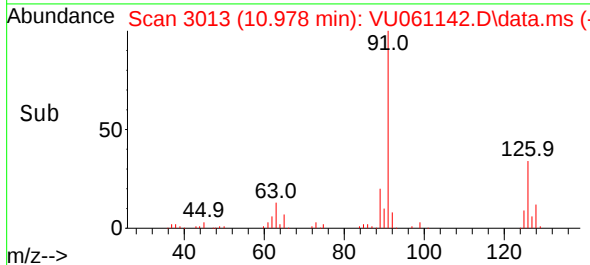
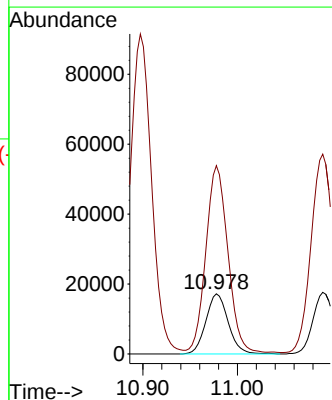
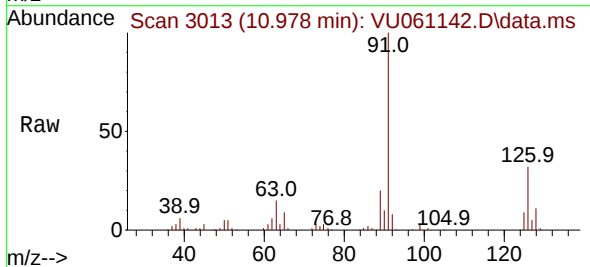
Instrument :
MSVOA_U
ClientSampleId :

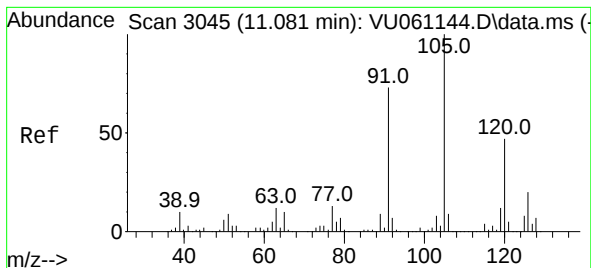
Tgt Ion:120 Resp: 32478
Ion Ratio Lower Upper
120 100
91 441.7 353.6 530.4



#74
2-Chlorotoluene
Concen: 1.944 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion:126 Resp: 28214
Ion Ratio Lower Upper
126 100
91 303.9 0.0 595.2





#75

1,3,5-Trimethylbenzene

Concen: 1.940 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

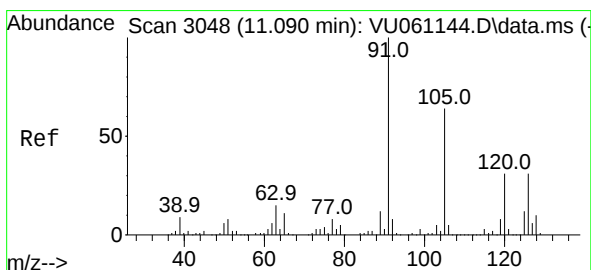
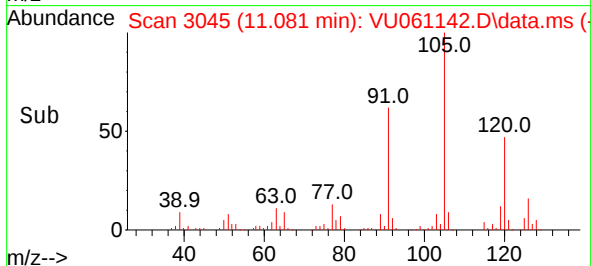
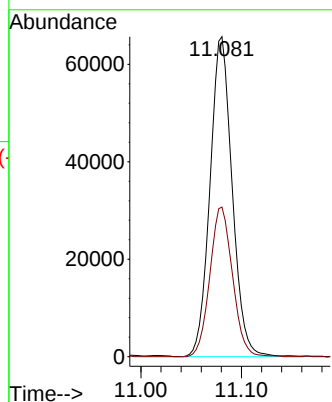
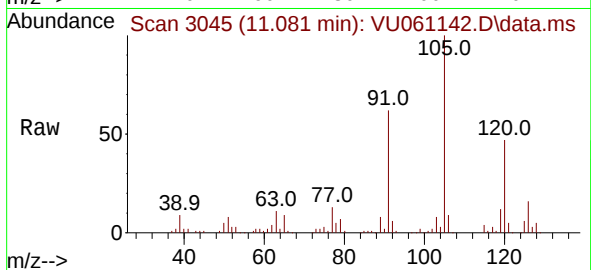
ClientSampleId :

Tgt Ion:105 Resp: 100582

Ion Ratio Lower Upper

105 100

120 47.8 38.0 57.0



#76

4-Chlorotoluene

Concen: 1.958 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VU061142.D

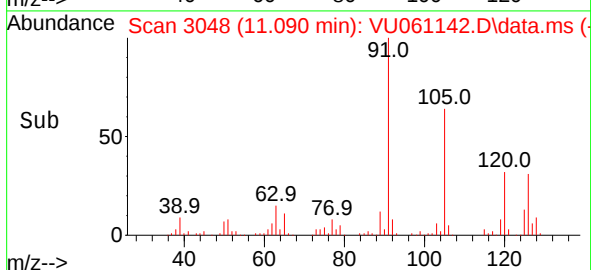
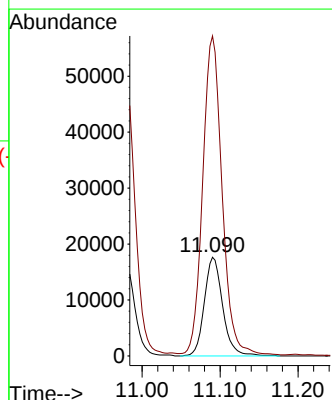
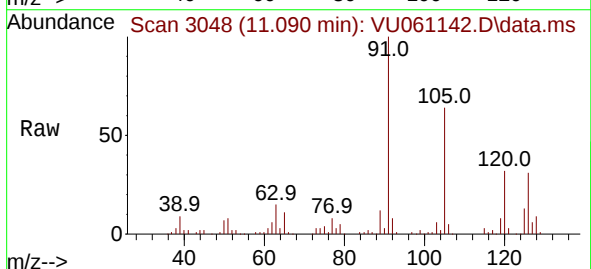
Acq: 17 Oct 2024 12:12

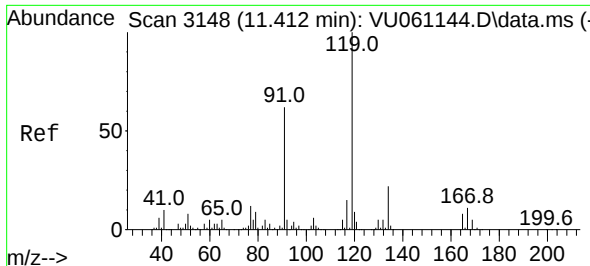
Tgt Ion:126 Resp: 28879

Ion Ratio Lower Upper

126 100

91 340.4 0.0 678.2

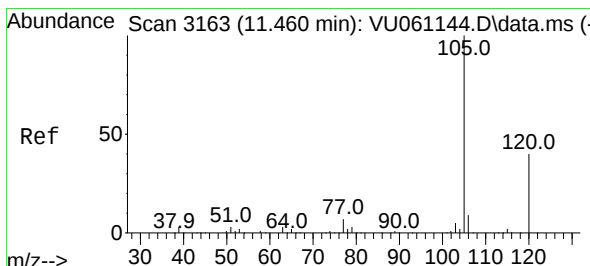
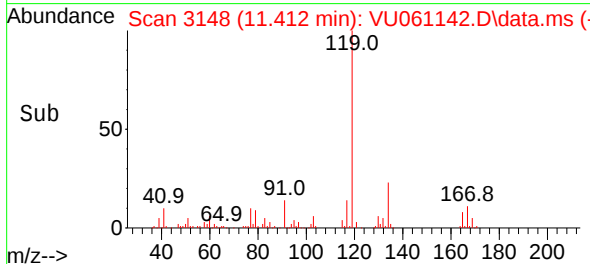
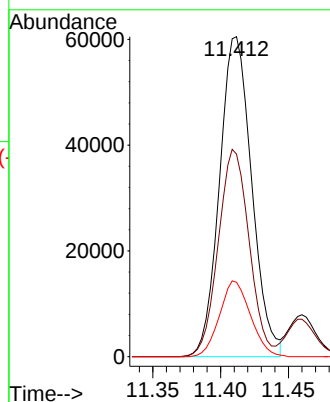
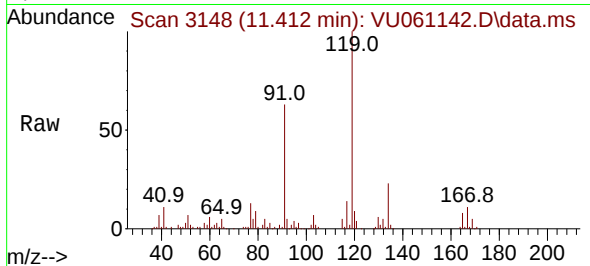




#77
tert-Butylbenzene
Concen: 1.953 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

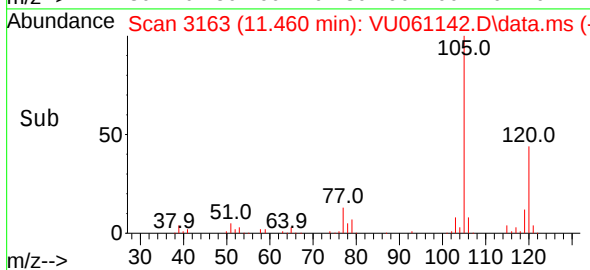
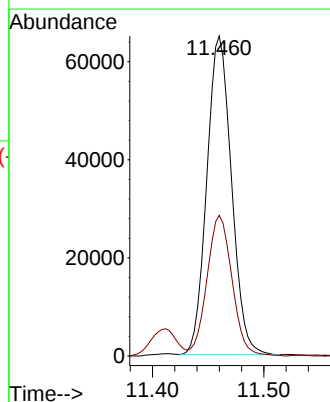
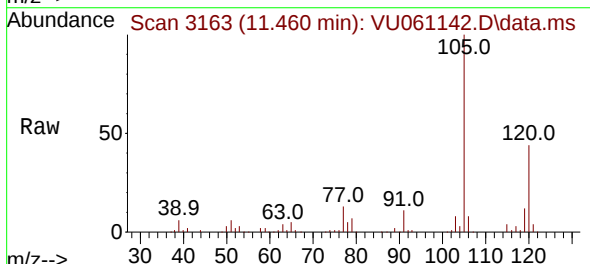
Instrument :
MSVOA_U
ClientSampleId :

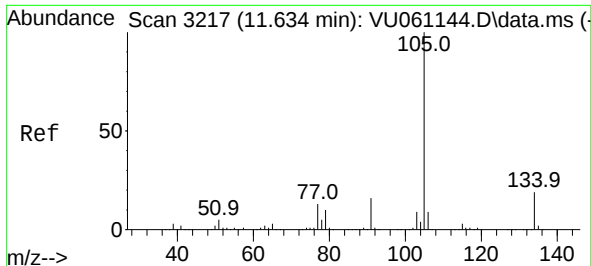
Tgt Ion:119 Resp: 100077
Ion Ratio Lower Upper
119 100
91 62.2 30.1 90.5
134 22.7 17.5 26.3



#78
1,2,4-Trimethylbenzene
Concen: 1.912 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061142.D
Acq: 17 Oct 2024 12:12

Tgt Ion:105 Resp: 100083
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.9





#79

sec-Butylbenzene

Concen: 1.951 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

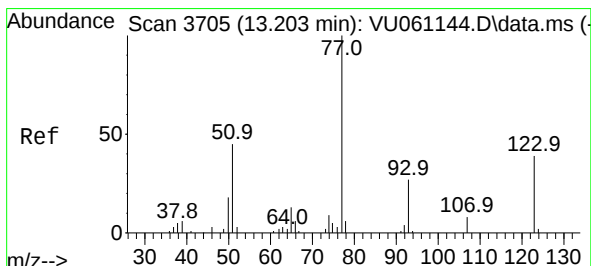
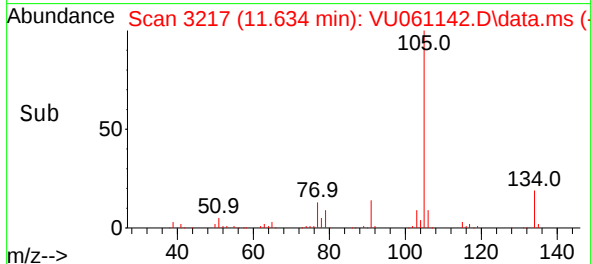
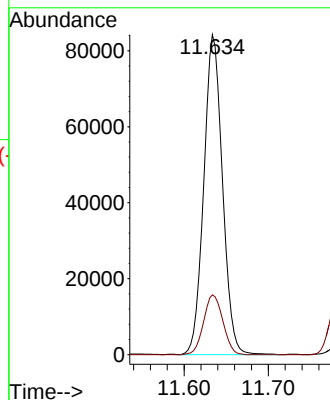
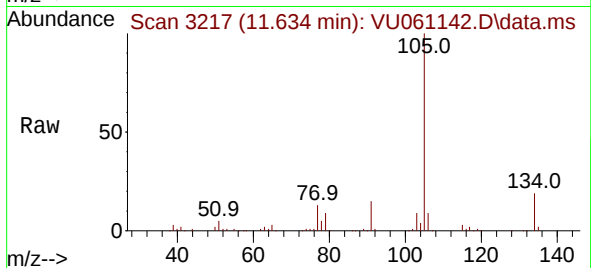
ClientSampleId :

Tgt Ion:105 Resp: 130197

Ion Ratio Lower Upper

105 100

134 19.2 15.5 23.3



#80

Nitrobenzene

Concen: 8.644 ug/l

RT: 13.219 min Scan# 3710

Delta R.T. 0.016 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

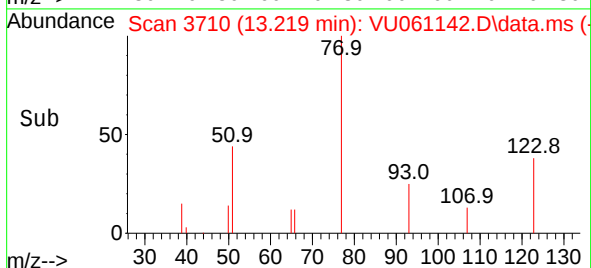
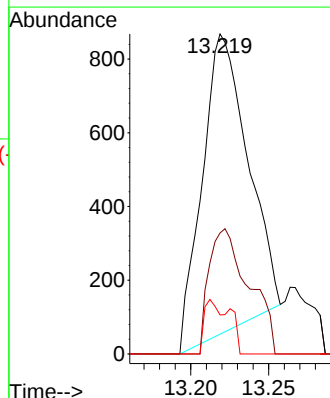
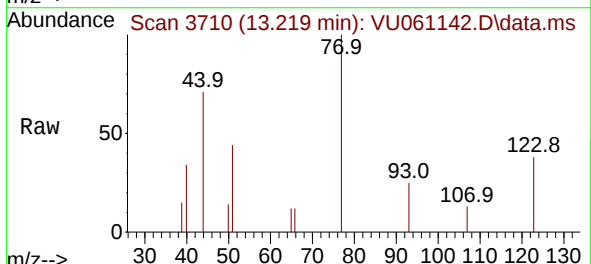
Tgt Ion: 77 Resp: 1654

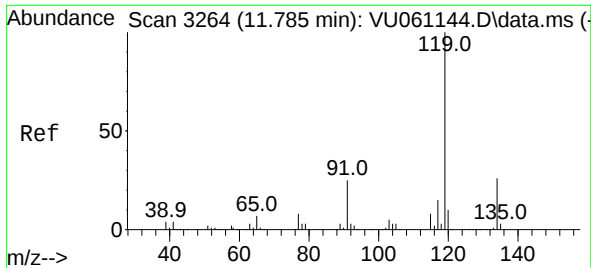
Ion Ratio Lower Upper

77 100

123 36.7 15.6 55.2

65 10.0 10.7 13.7#

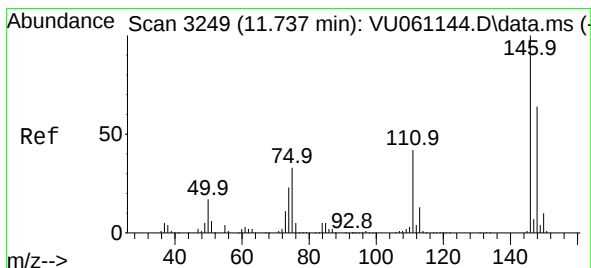
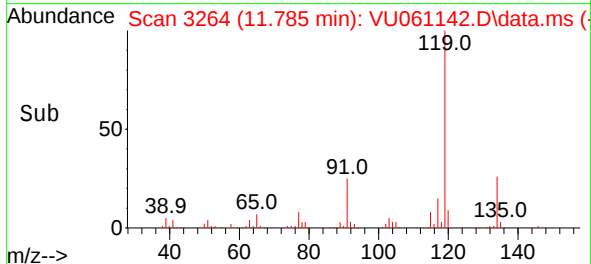
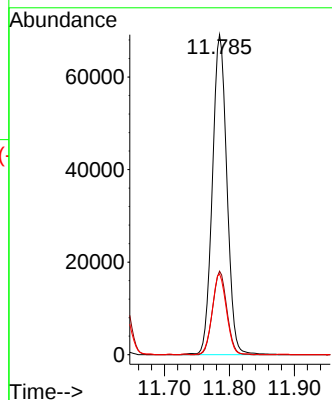
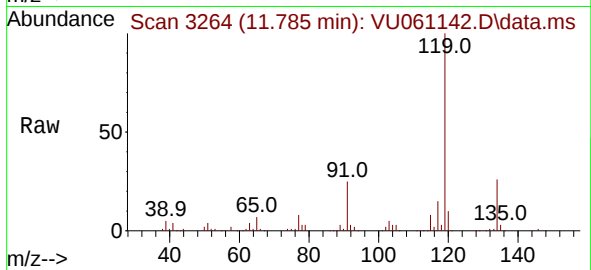




#81
 p-Isopropyltoluene
 Concen: 1.942 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12

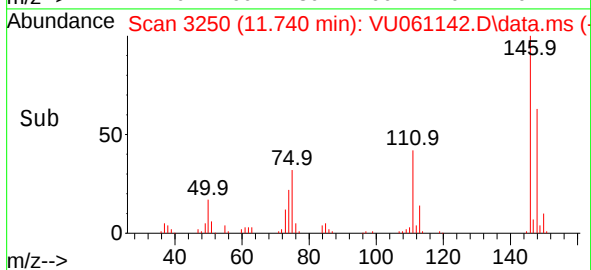
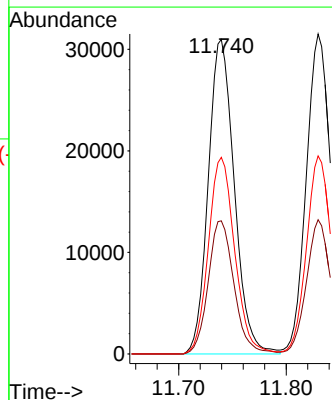
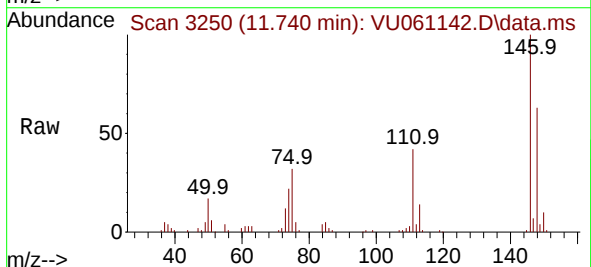
Instrument :
 MSVOA_U
 ClientSampleId :

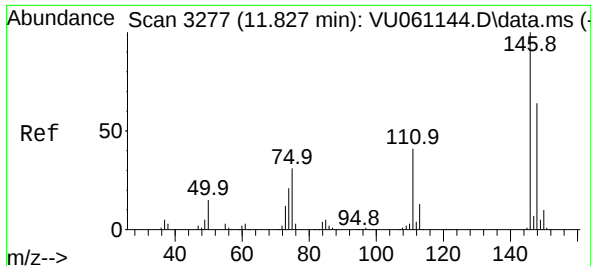
Tgt Ion:119 Resp: 107317
 Ion Ratio Lower Upper
 119 100
 134 25.5 21.0 31.6
 91 24.8 19.8 29.8



#82
 1,3-Dichlorobenzene
 Concen: 1.968 ug/l
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU061142.D
 Acq: 17 Oct 2024 12:12

Tgt Ion:146 Resp: 52203
 Ion Ratio Lower Upper
 146 100
 111 41.9 34.1 51.1
 148 63.1 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 1.972 ug/l

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

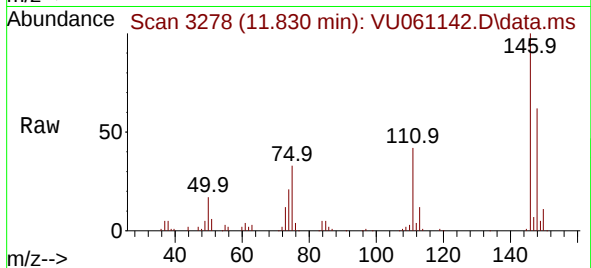
Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :



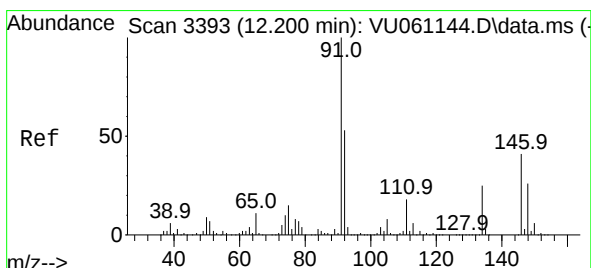
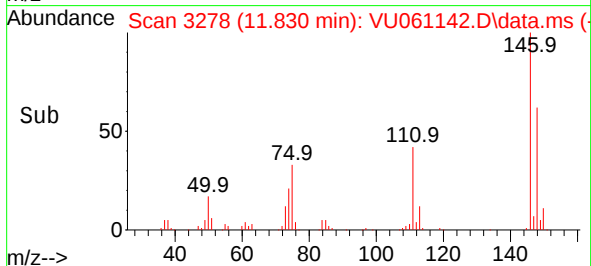
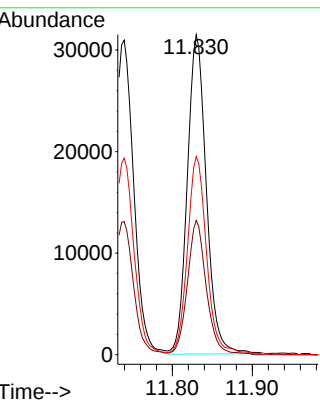
Tgt Ion:146 Resp: 52165

Ion Ratio Lower Upper

146 100

111 41.8 32.1 48.1

148 62.9 50.3 75.5



#84

n-Butylbenzene

Concen: 1.908 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

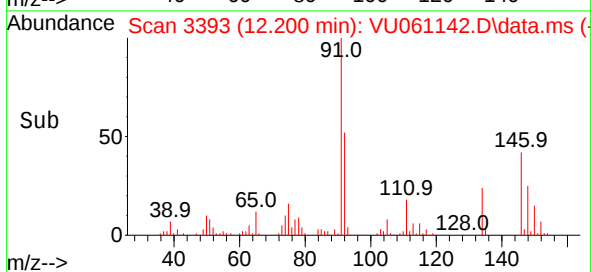
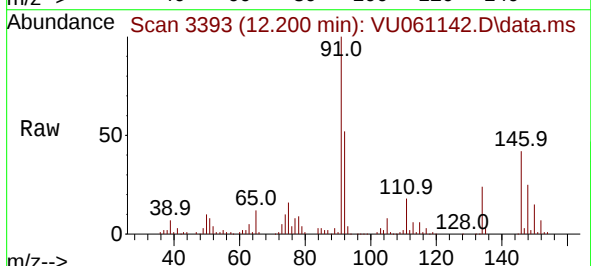
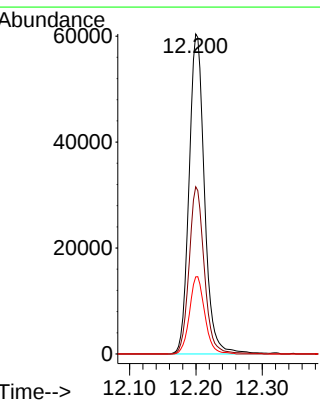
Tgt Ion: 91 Resp: 97800

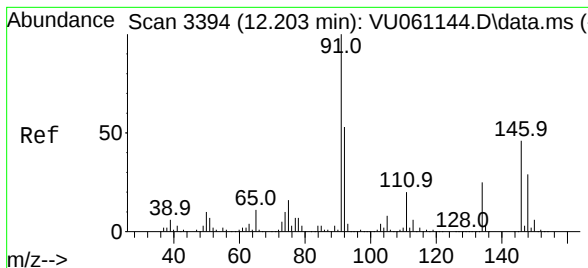
Ion Ratio Lower Upper

91 100

92 51.6 41.8 62.8

134 23.9 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 1.959 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

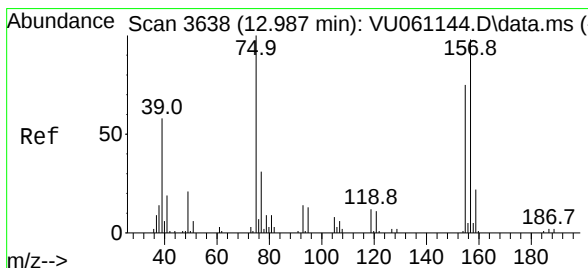
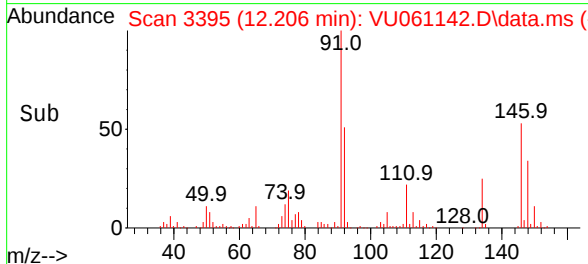
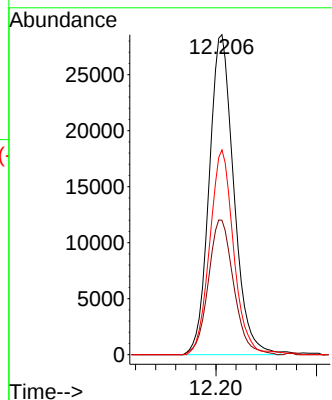
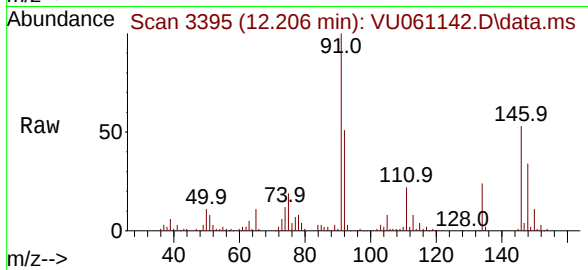
Tgt Ion:146 Resp: 48586

Ion Ratio Lower Upper

146 100

111 43.4 21.9 65.7

148 62.6 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.852 ug/l

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

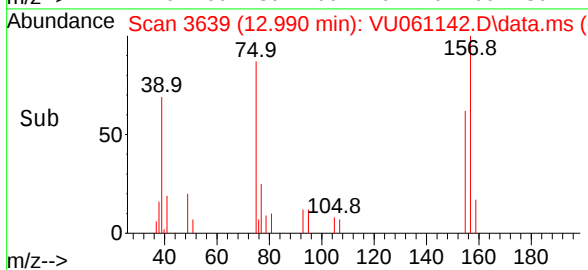
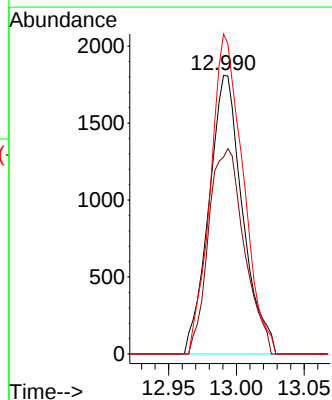
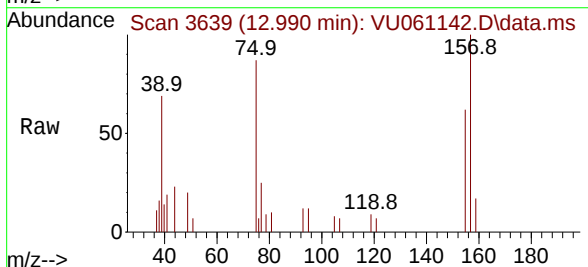
Tgt Ion: 75 Resp: 3126

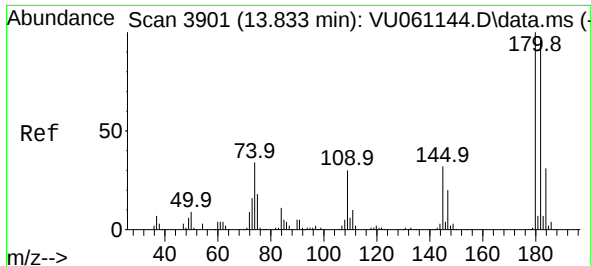
Ion Ratio Lower Upper

75 100

155 77.8 61.4 92.0

157 111.2 78.5 117.7





#87

1,2,4-Trichlorobenzene

Concen: 1.852 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

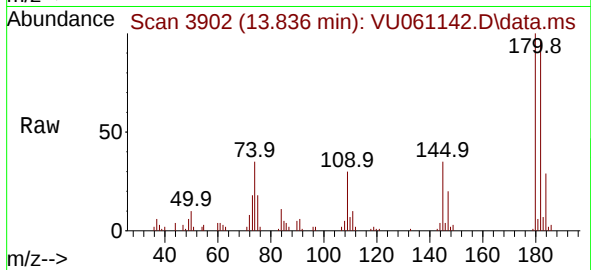
Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :



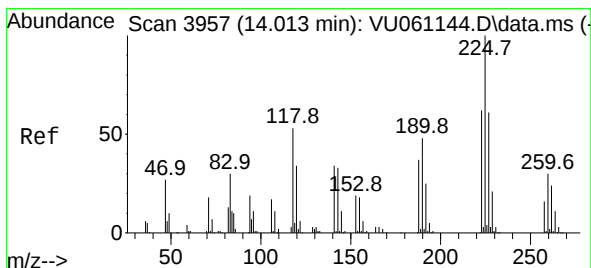
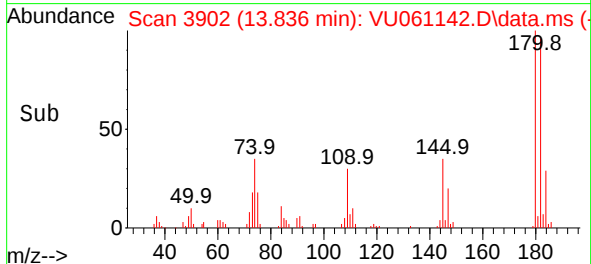
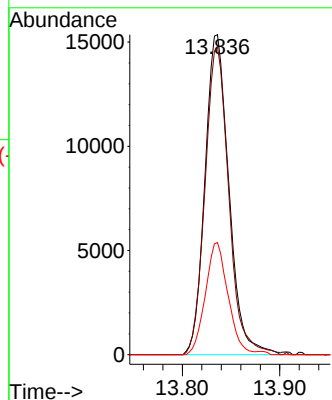
Tgt Ion:180 Resp: 26261

Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.6

145 33.1 25.7 38.5



#88

Hexachlorobutadiene

Concen: 1.950 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

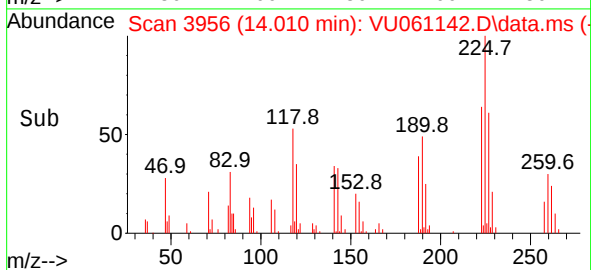
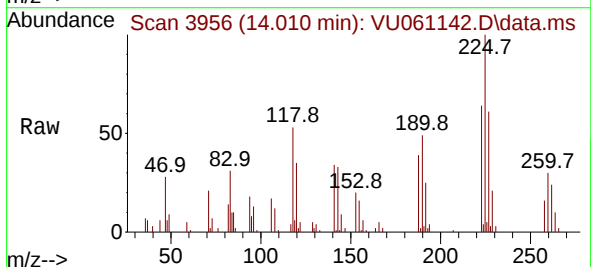
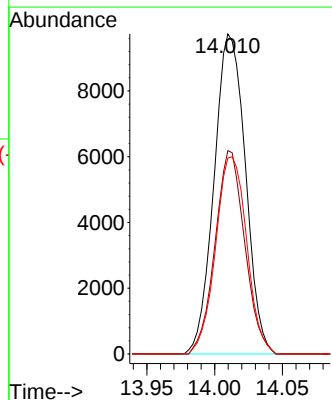
Tgt Ion:225 Resp: 15637

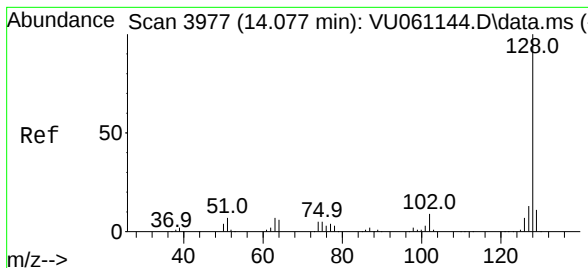
Ion Ratio Lower Upper

225 100

223 60.2 51.4 77.2

227 61.1 50.3 75.5





#89

Naphthalene

Concen: 1.780 ug/l

RT: 14.084 min Scan# 3977

Delta R.T. 0.006 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Instrument :

MSVOA_U

ClientSampleId :

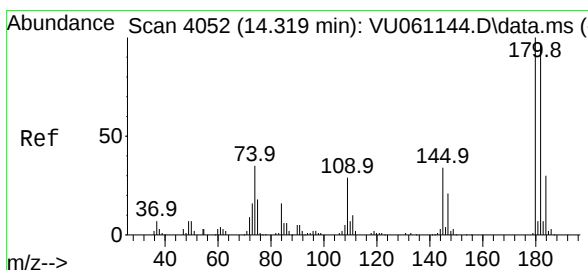
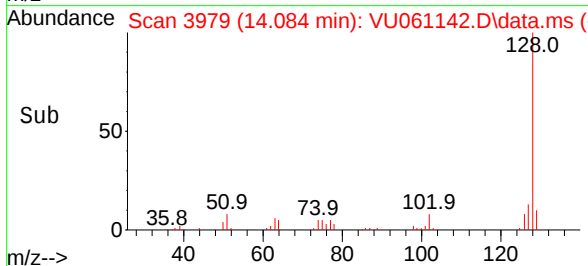
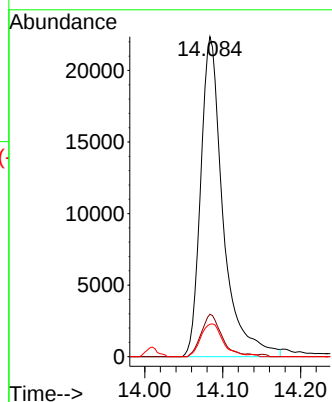
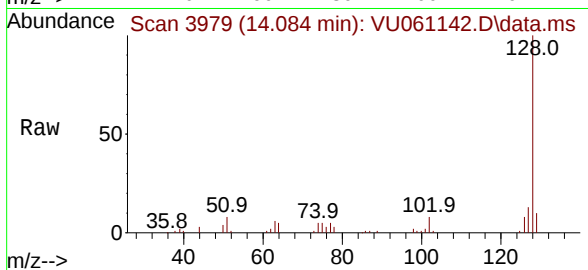
Tgt Ion:128 Resp: 44556

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 10.2 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 1.838 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU061142.D

Acq: 17 Oct 2024 12:12

Tgt Ion:180 Resp: 23414

Ion Ratio Lower Upper

180 100

182 97.1 76.2 114.4

145 32.1 26.8 40.2

