

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
 Data File : VU052790.D
 Acq On : 24 Jan 2023 14:35
 Operator : JC/MD
 Sample : RL CHECK-0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:37:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.111	96	33533	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	10561	0.947	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	11318	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5605	0.494	ug/l	95
3) Chloromethane	1.517	50	5300	0.492	ug/l	92
4) Vinyl Chloride	1.604	62	4669	0.449	ug/l	99
5) Bromomethane	1.858	94	2787	0.516	ug/l	96
6) Chloroethane	1.935	64	2936	0.469	ug/l	91
7) Trichlorofluoromethane	2.137	101	7695	0.508	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	4136	0.499	ug/l	96
9) 1,1-Dichloroethene	2.581	96	4034	0.516	ug/l	91
10) Iodomethane	2.723	142	4394	0.507	ug/l	100
11) Allyl Chloride	2.925	41	4663	0.499	ug/l	94
12) Acrylonitrile	3.350	53	1328	0.800	ug/l	# 54
13) Acetone	2.658	43	4036	1.715	ug/l	97
14) Carbon Disulfide	2.790	76	13336	0.509	ug/l	98
15) Methylene Chloride	3.044	84	6280	0.664	ug/l	92
16) trans-1,2-Dichloroethene	3.353	96	4251	0.488	ug/l	86
17) 1,1-Dichloroethane	3.867	63	7869	0.535	ug/l	# 94
18) 2-Butanone	4.732	43	7005	2.563	ug/l	98
19) Cyclohexane	5.382	56	4799	0.371	ug/l	96
20) Methylcyclohexane	6.761	83	5336	0.370	ug/l	90
21) 2,2-Dichloropropane	4.658	77	7067	0.518	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	4645	0.510	ug/l	96
23) Diethyl Ether	2.375	59	2669	0.483	ug/l	89
25) Methyl tert-Butyl Ether	3.362	73	8664	0.483	ug/l	# 81
26) Bromochloromethane	4.970	128	2258	0.532	ug/l	95
27) Chloroform	5.086	83	10096	0.641	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	8016	0.551	ug/l	97
29) 1,1-Dichloropropene	5.523	75	5409	0.441	ug/l	97
30) Carbon Tetrachloride	5.523	117	6501	0.492	ug/l	98
31) Isopropyl Ether	3.996	45	9827	0.465	ug/l	91
32) Ethyl-t-butyl ether	4.501	59	9071	0.460	ug/l	100
33) Tert-Amyl methyl ether	5.938	73	7687	0.441	ug/l	97
34) Propionitrile	4.825	54	1078	1.722	ug/l	# 1
35) Benzene	5.774	78	16892	0.475	ug/l	96
36) 1,2-Dichloroethane	5.793	62	5124	0.479	ug/l	99
37) Trichloroethene	6.539	130	4656	0.480	ug/l	98
38) 1,2-Dichloropropane	6.790	63	4133	0.458	ug/l	94
39) Methacrylonitrile	4.989	41	1034	0.414	ug/l	# 55
40) Methyl acrylate	4.861	55	1122	0.253	ug/l	# 72
41) Tetrahydrofuran	5.083	42	706	0.568	ug/l	92
42) 1-Chlorobutane	5.456	56	6942	0.443	ug/l	92
43) Dibromomethane	6.919	93	1959	0.429	ug/l	89
44) Bromodichloromethane	7.105	83	6244	0.503	ug/l	93
45) 4-Methyl-2-Pentanone	7.790	43	9077	1.890	ug/l	98

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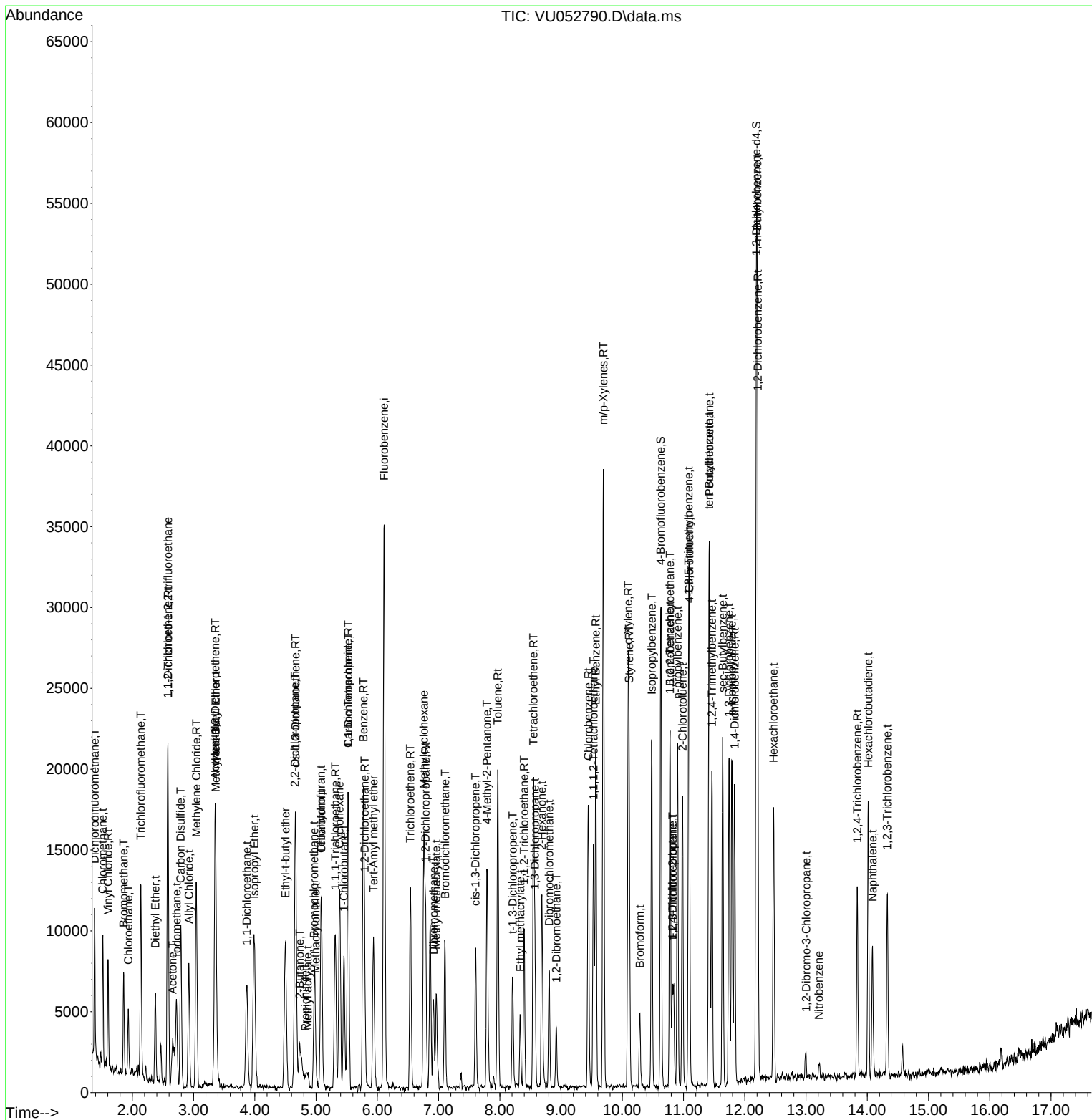
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 MSVOA_U
 ClientSampleId :

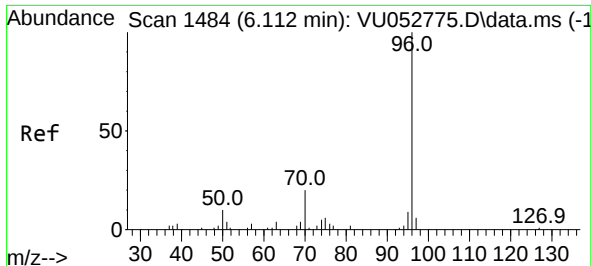
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.822	75	4418	1.754	ug/l #	50
47) Methyl methacrylate	6.960	69	3016	0.742	ug/l	95
48) Ethyl methacrylate	8.333	69	2687	0.365	ug/l	99
49) Toluene	7.967	92	8532	0.395	ug/l	90
50) t-1,3-Dichloropropene	8.211	75	4237	0.392	ug/l	94
51) cis-1,3-Dichloropropene	7.603	75	5350	0.420	ug/l #	89
52) 1,1,2-Trichloroethane	8.398	97	2856	0.439	ug/l	90
53) 1,3-Dichloropropane	8.574	76	5259	0.468	ug/l	99
54) 2-Hexanone	8.687	43	8208	1.953	ug/l	99
55) Dibromochloromethane	8.806	129	4089	0.481	ug/l	98
56) 1,2-Dibromoethane	8.922	107	3012	0.487	ug/l	94
58) Tetrachloroethene	8.549	164	4152	0.474	ug/l	94
59) Chlorobenzene	9.446	112	10382	0.441	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.529	131	4371	0.480	ug/l	96
61) Pentachloroethane	11.420	117	3259	0.437	ug/l	90
62) Hexachloroethane	12.468	117	3471	0.461	ug/l	99
63) Ethyl Benzene	9.568	91	14468	0.380	ug/l	99
64) m/p-Xylenes	9.690	106	10816	0.712	ug/l	98
65) o-Xylene	10.095	106	5772	0.394	ug/l	96
66) Styrene	10.111	104	8438	0.707	ug/l	97
67) Bromoform	10.288	173	2197	0.438	ug/l #	95
69) Isopropylbenzene	10.481	105	13986	0.375	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.777	83	3575	0.441	ug/l	96
71) 1,2,3-Trichloropropane	10.822	75	4418	0.630	ug/l #	62
72) Bromobenzene	10.780	156	4422	0.467	ug/l	97
73) n-propylbenzene	10.902	120	4045	0.748	ug/l	88
74) 2-Chlorotoluene	10.983	126	3590	0.381	ug/l	94
75) 1,3,5-Trimethylbenzene	11.082	105	10867	0.692	ug/l	97
76) 4-Chlorotoluene	11.095	126	3403	0.352	ug/l	91
77) tert-Butylbenzene	11.417	119	12749	0.393	ug/l	95
78) 1,2,4-Trimethylbenzene	11.465	105	11240	0.729	ug/l	97
79) sec-Butylbenzene	11.639	105	14747	0.710	ug/l	93
80) Nitrobenzene	13.211	77	459	0.915	ug/l #	85
81) p-Isopropyltoluene	11.787	119	11359	0.732	ug/l	96
82) 1,3-Dichlorobenzene	11.741	146	8331	0.431	ug/l	96
83) 1,4-Dichlorobenzene	11.835	146	8210	0.423	ug/l	99
84) n-Butylbenzene	12.204	91	10275	0.807	ug/l	100
85) 1,2-Dichlorobenzene	12.211	146	7995	0.438	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	523	0.348	ug/l #	88
87) 1,2,4-Trichlorobenzene	13.838	180	4345	0.397	ug/l	94
88) Hexachlorobutadiene	14.018	225	3762	0.490	ug/l	91
89) Naphthalene	14.085	128	7806	0.368	ug/l	97
90) 1,2,3-Trichlorobenzene	14.327	180	4122	0.397	ug/l	91

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

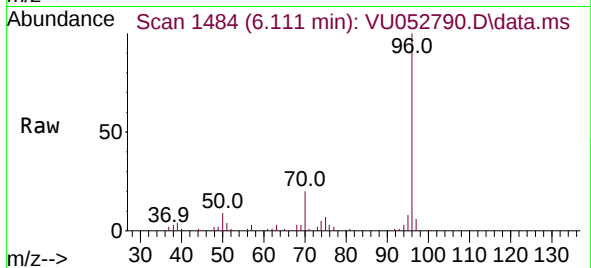
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 2023
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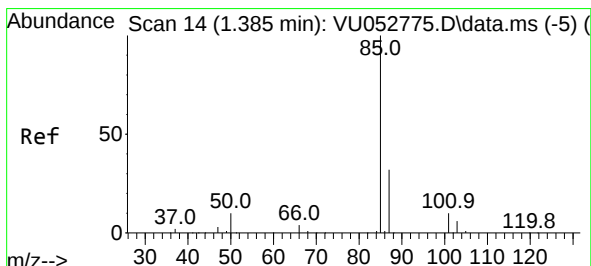
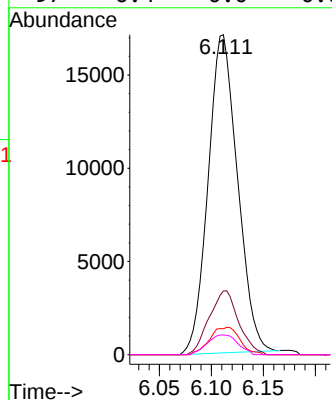
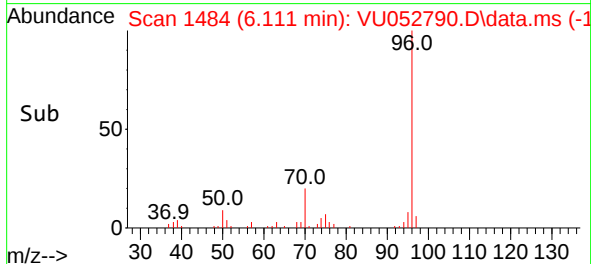


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.111 min Scan# 14
Delta R.T. -0.001 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :

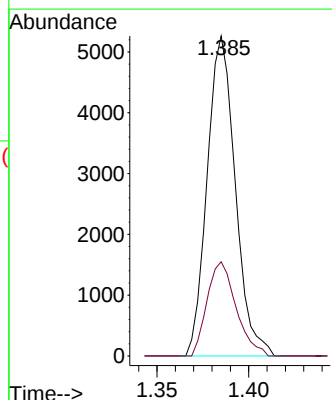
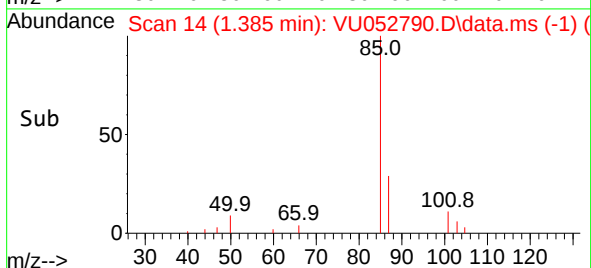
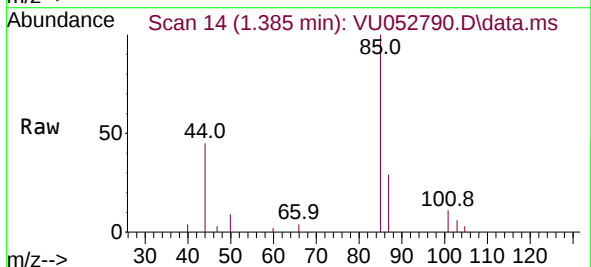


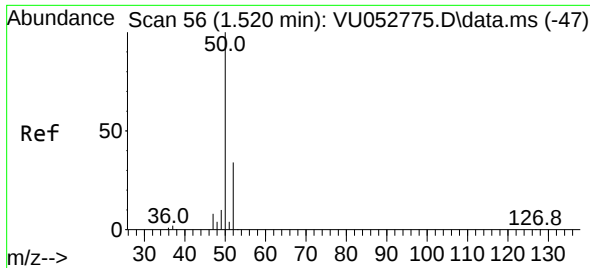
Tgt Ion: 96 Resp: 33533
Ion Ratio Lower Upper
96 100
70 20.1 16.2 24.4
95 8.8 7.4 11.0
97 6.4 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.494 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 85 Resp: 5605
Ion Ratio Lower Upper
85 100
87 29.4 16.1 48.2

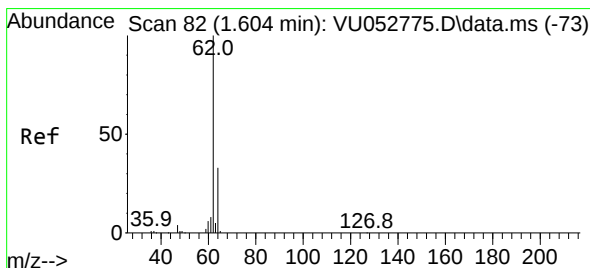
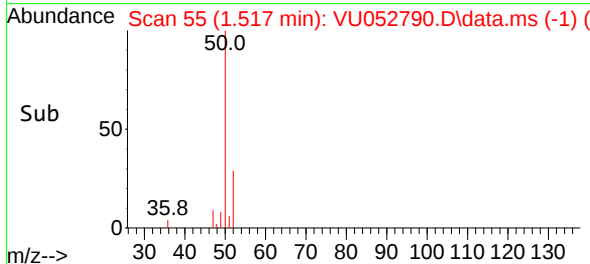
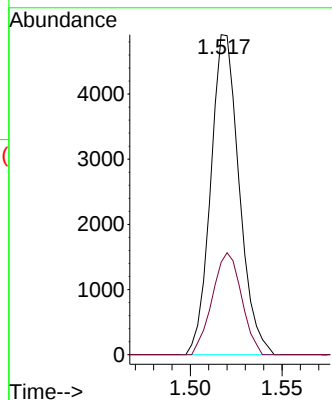
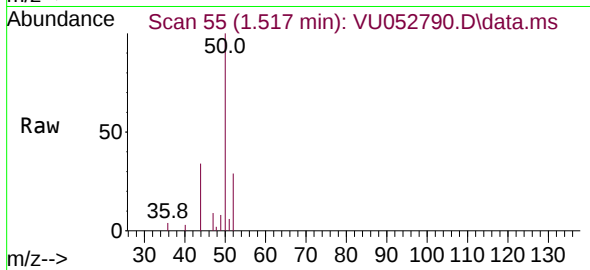




#3
Chloromethane
Concen: 0.492 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

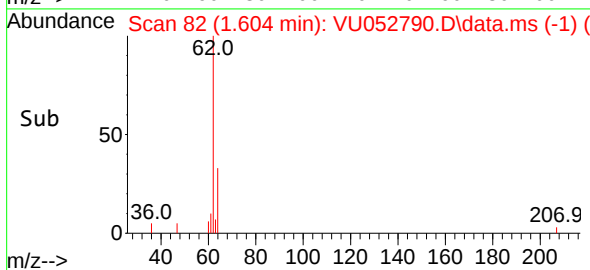
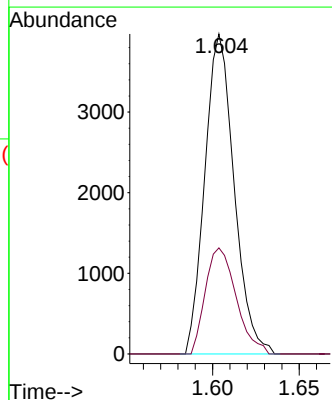
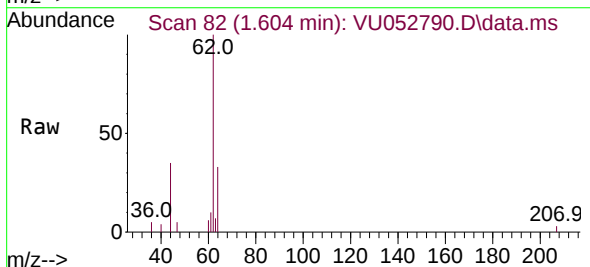
Instrument :
MSVOA_U
ClientSampleId :

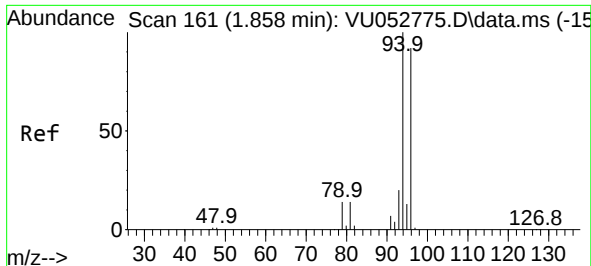
Tgt Ion: 50 Resp: 5300
Ion Ratio Lower Upper
50 100
52 28.9 26.8 40.2



#4
Vinyl Chloride
Concen: 0.449 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 62 Resp: 4669
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

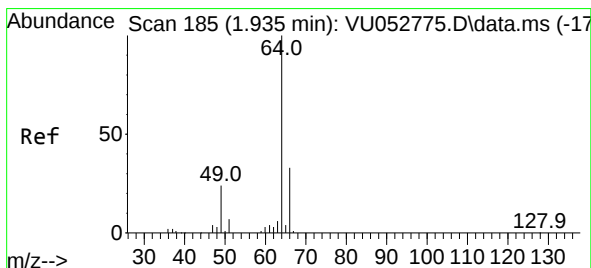
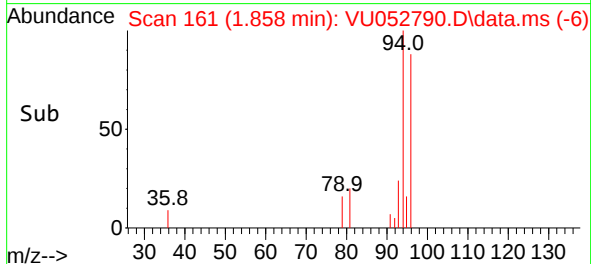
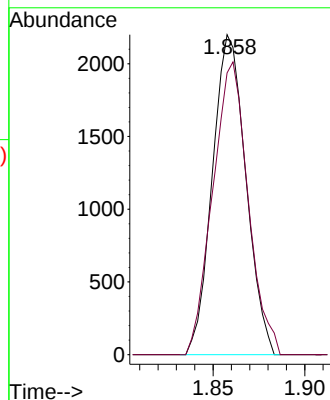
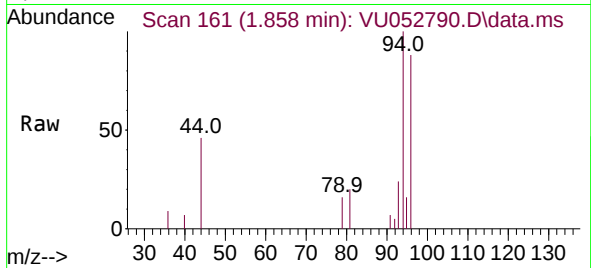




#5
Bromomethane
Concen: 0.516 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

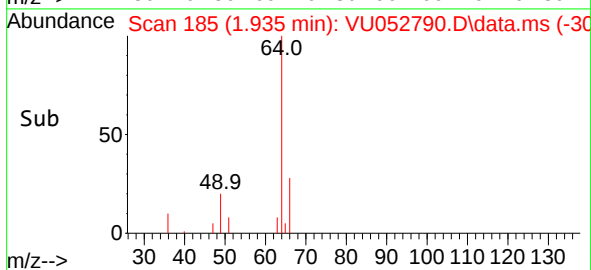
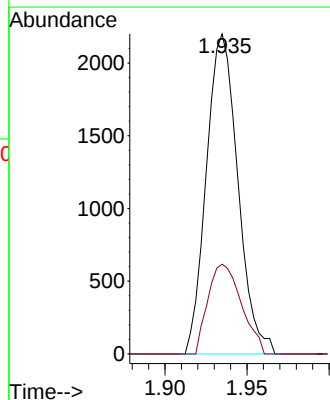
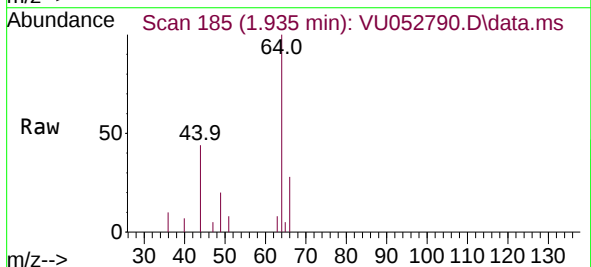
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ClientSampleId :

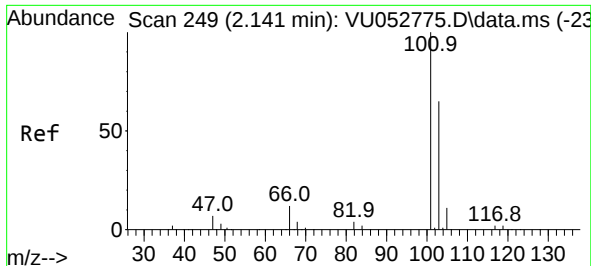
Tgt Ion: 94 Resp: 2787
Ion Ratio Lower Upper
94 100
96 88.0 73.8 110.6



#6
Chloroethane
Concen: 0.469 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

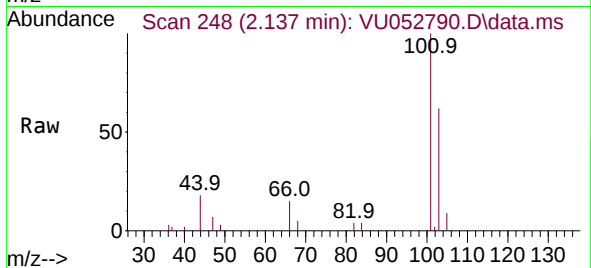
Tgt Ion: 64 Resp: 2936
Ion Ratio Lower Upper
64 100
66 28.0 26.6 40.0



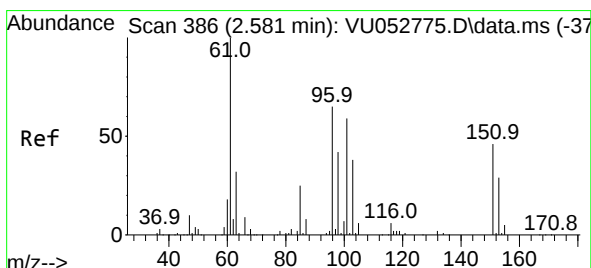
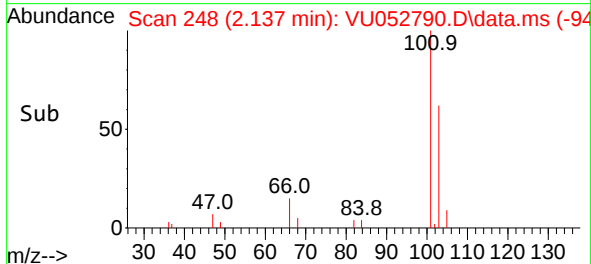
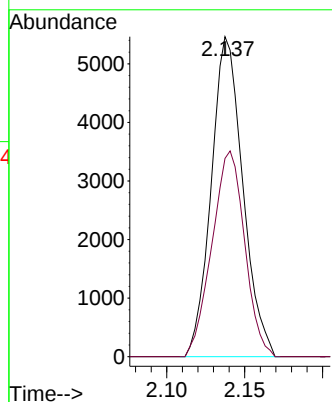


#7
 Trichlorofluoromethane
 Concen: 0.508 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

Instrument :
 MSVOA_U
 ClientSampleId :

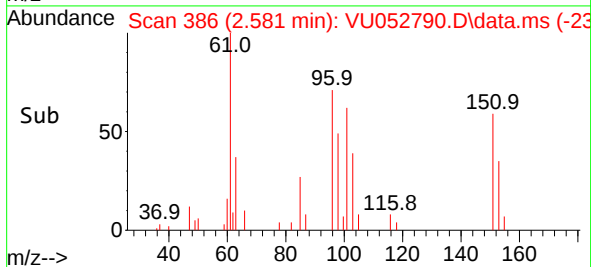
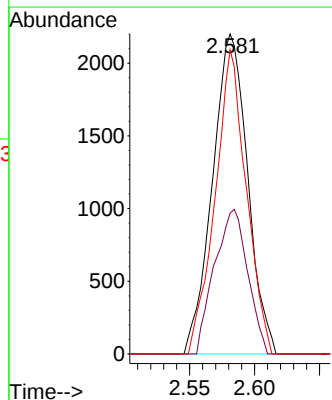
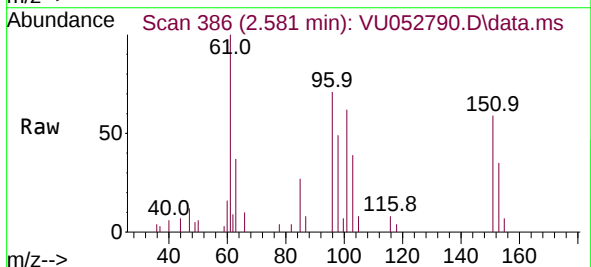


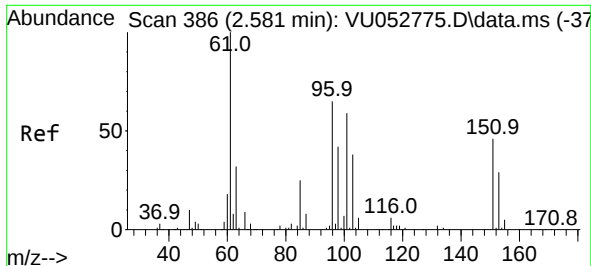
Tgt Ion:101 Resp: 7695
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.499 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

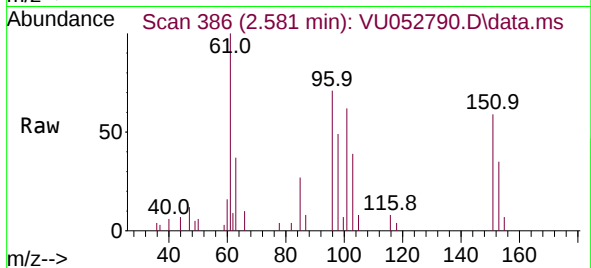
Tgt Ion:101 Resp: 4136
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.1 51.1
 151 84.2 63.0 94.4





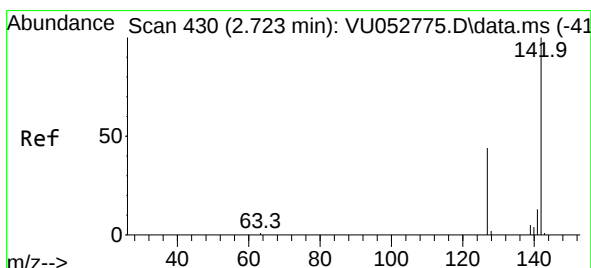
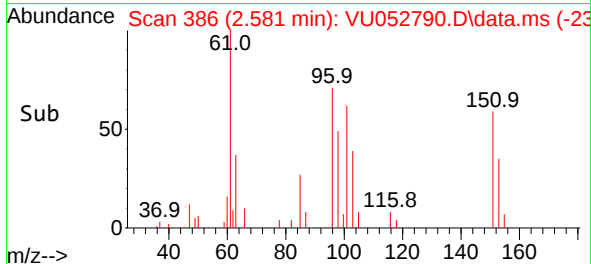
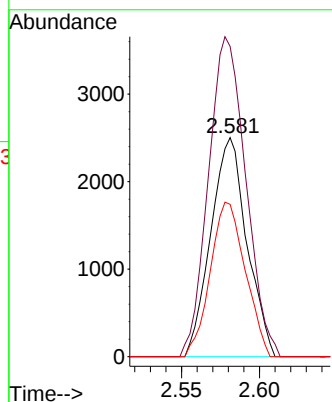
#9
1,1-Dichloroethene
Concen: 0.516 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 4034

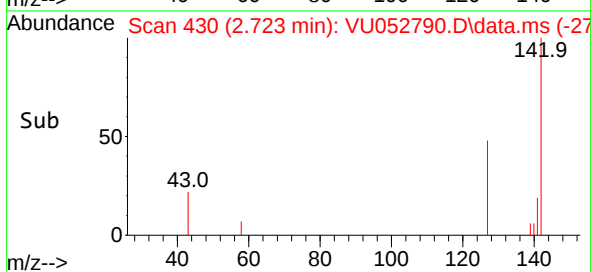
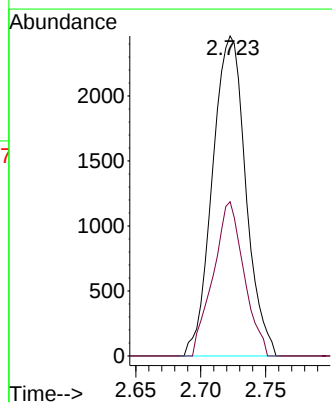
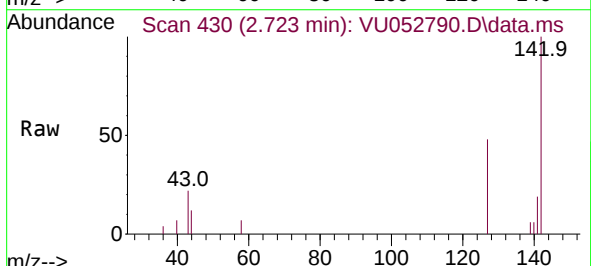
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	460.5
98	69.5	0.0	128.0

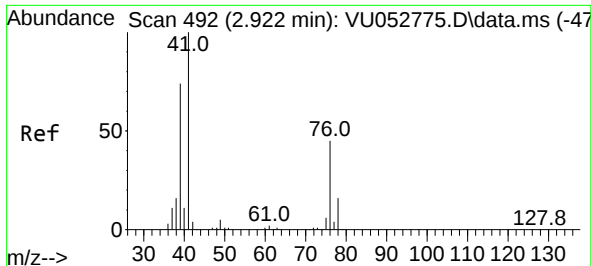


#10
Iodomethane
Concen: 0.507 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 142 Resp: 4394

Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.4	53.0

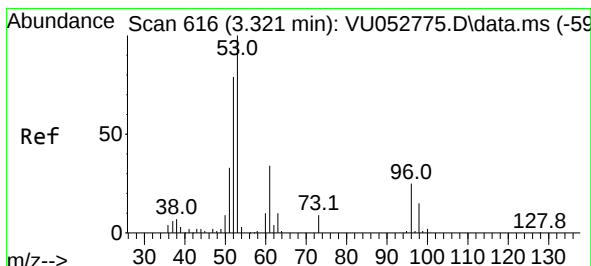
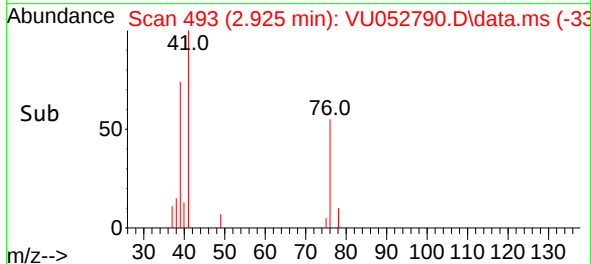
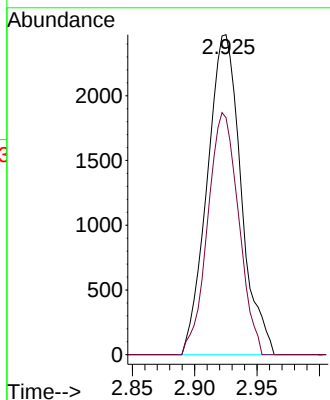
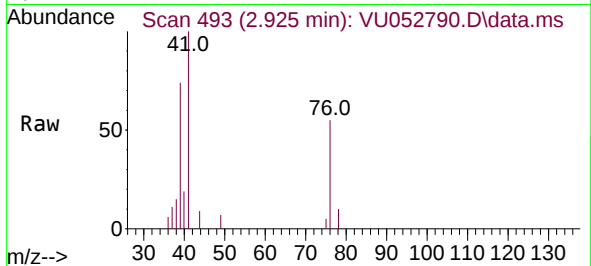




#11
 Allyl Chloride
 Concen: 0.499 ug/l
 RT: 2.925 min Scan# 491
 Delta R.T. 0.003 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

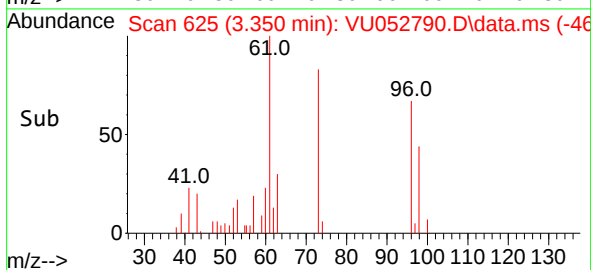
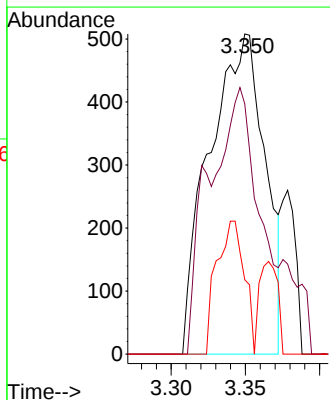
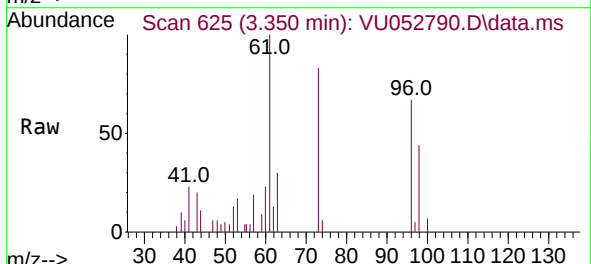
Instrument :
 MSVOA_U
 ClientSampleId :

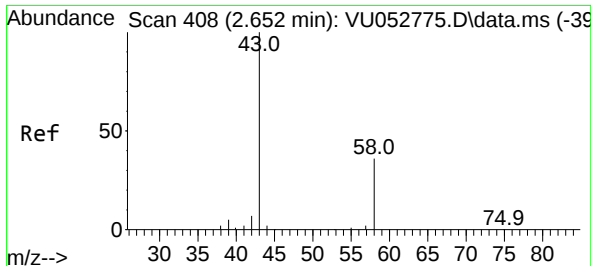
Tgt Ion: 41 Resp: 4663
 Ion Ratio Lower Upper
 41 100
 39 69.3 59.3 88.9



#12
 Acrylonitrile
 Concen: 0.800 ug/l
 RT: 3.350 min Scan# 625
 Delta R.T. 0.029 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

Tgt Ion: 53 Resp: 1328
 Ion Ratio Lower Upper
 53 100
 52 32.1 63.0 94.4#
 51 20.5 31.3 46.9#





#13

Acetone

Concen: 1.715 ug/l

RT: 2.658 min Scan# 410

Delta R.T. 0.006 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

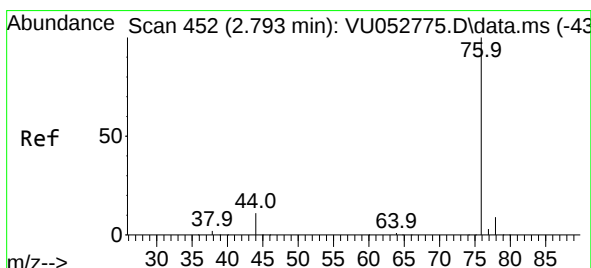
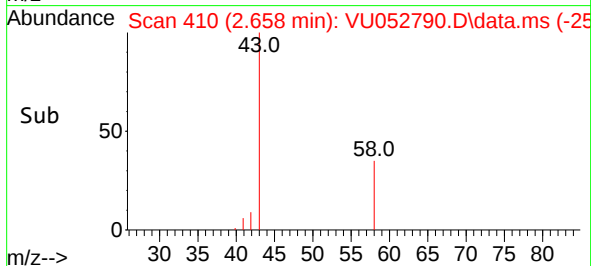
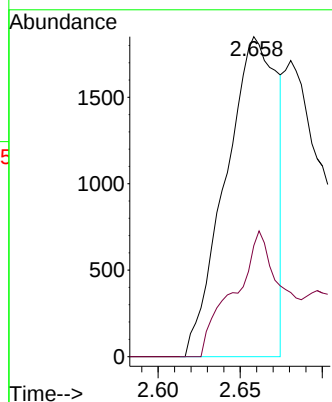
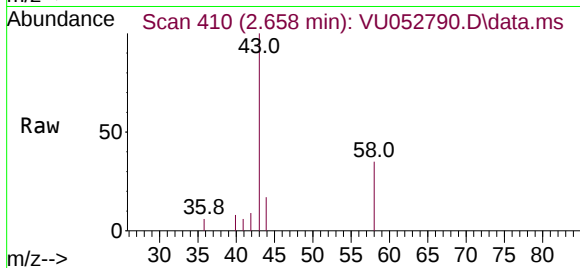
ClientSampleId :

Tgt Ion: 43 Resp: 4036

Ion Ratio Lower Upper

43 100

58 34.7 29.0 43.4



#14

Carbon Disulfide

Concen: 0.509 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052790.D

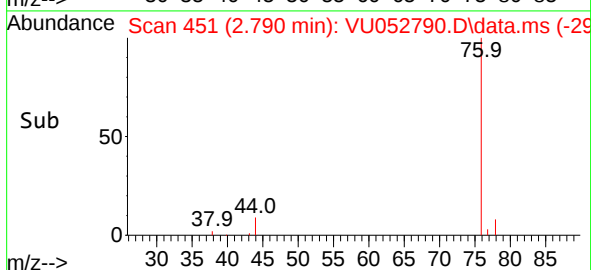
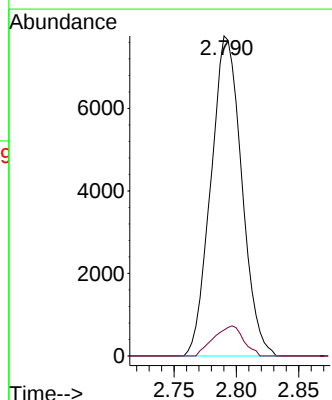
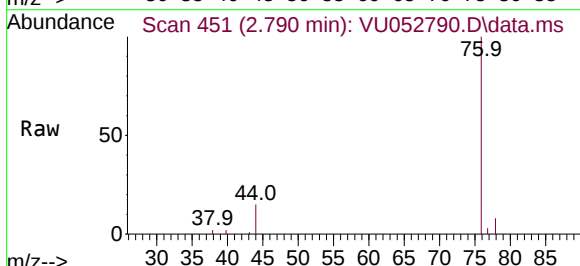
Acq: 24 Jan 2023 14:35

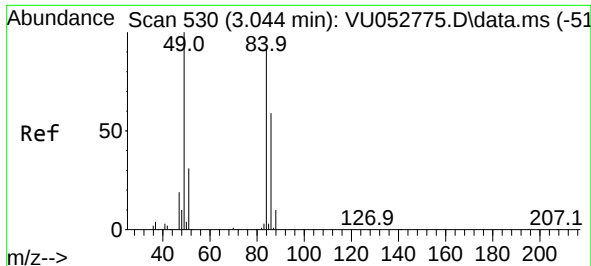
Tgt Ion: 76 Resp: 13336

Ion Ratio Lower Upper

76 100

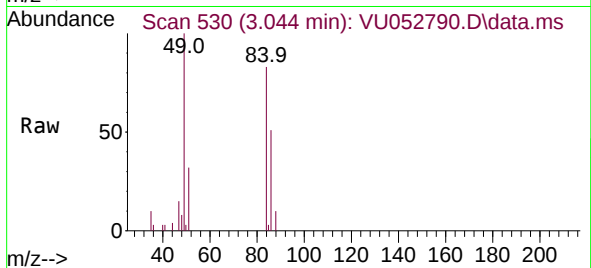
78 8.1 7.1 10.7





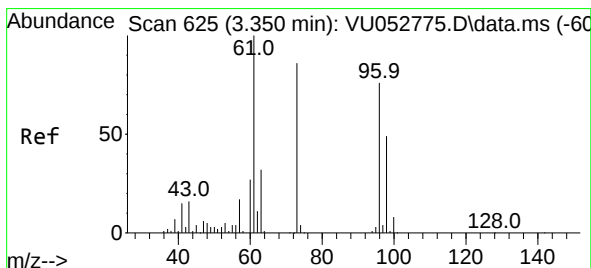
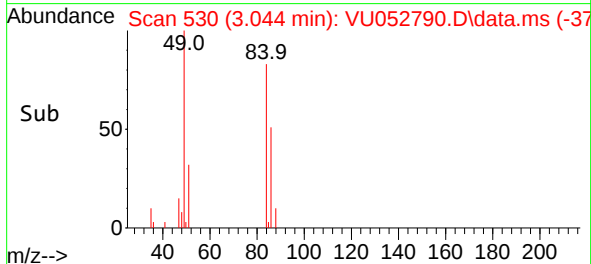
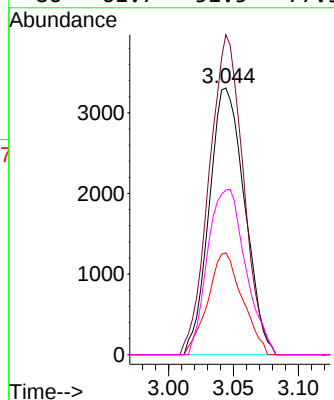
#15
Methylene Chloride
Concen: 0.664 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6280

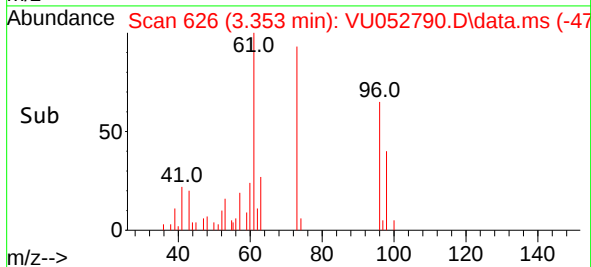
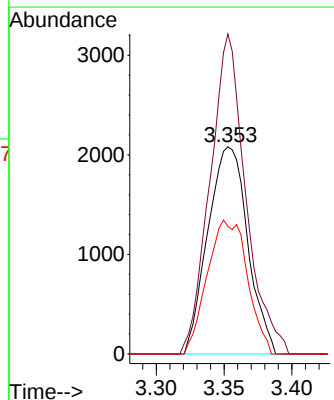
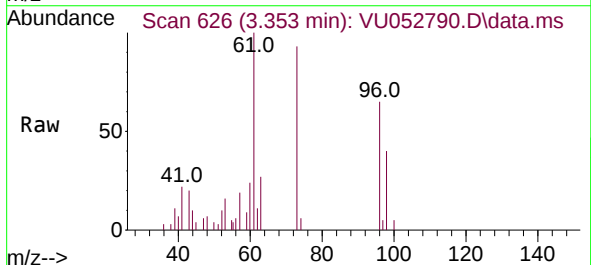
Ion	Ratio	Lower	Upper
84	100		
49	119.9	86.7	130.1
51	38.1	0.0	66.8
86	61.7	51.5	77.3

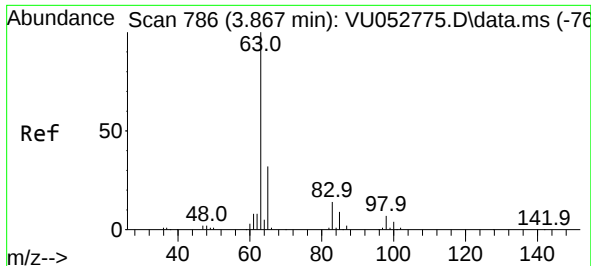


#16
trans-1,2-Dichloroethene
Concen: 0.488 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 96 Resp: 4251

Ion	Ratio	Lower	Upper
96	100		
61	154.4	105.7	158.5
98	61.6	51.4	77.2

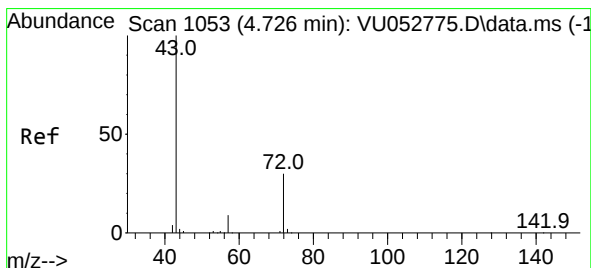
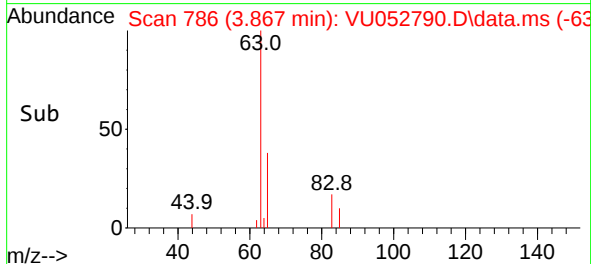
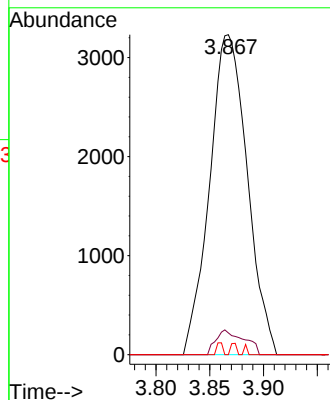
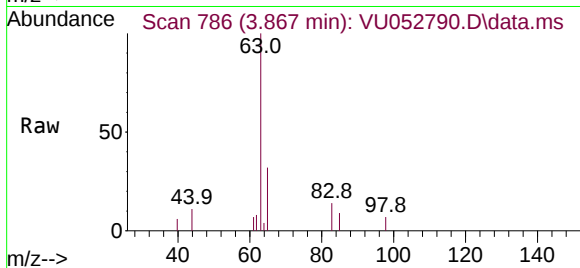




#17
1,1-Dichloroethane
Concen: 0.535 ug/l
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

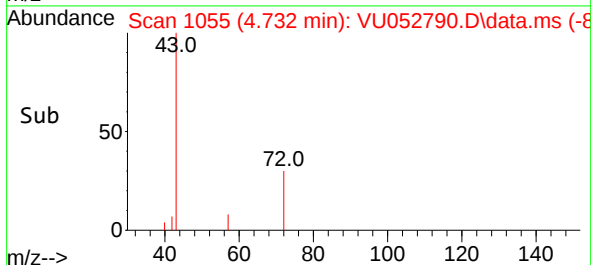
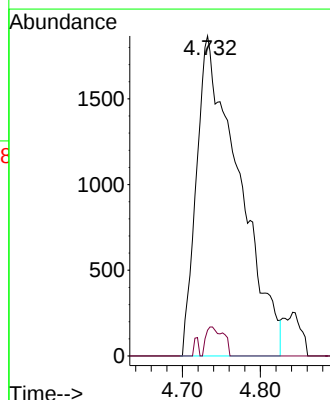
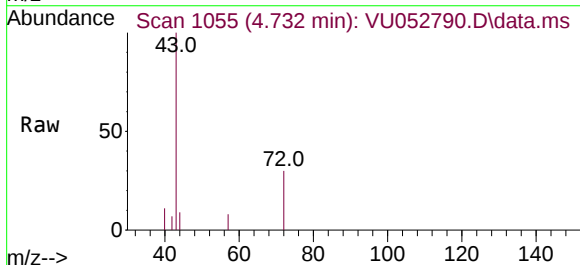
Instrument :
MSVOA_U
ClientSampleId :

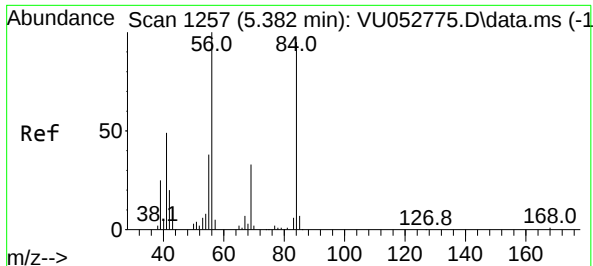
Tgt Ion: 63 Resp: 7869
Ion Ratio Lower Upper
63 100
98 6.8 3.8 11.2
100 0.0 2.2 6.6#



#18
2-Butanone
Concen: 2.563 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 43 Resp: 7005
Ion Ratio Lower Upper
43 100
57 8.0 0.0 17.4





#19

Cyclohexane

Concen: 0.371 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

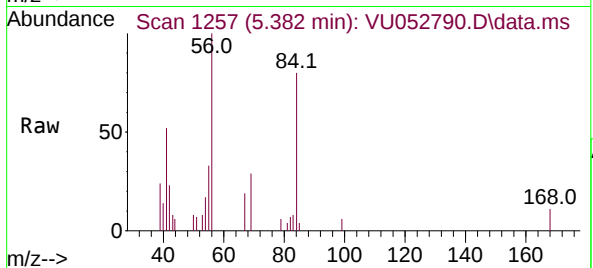
Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :



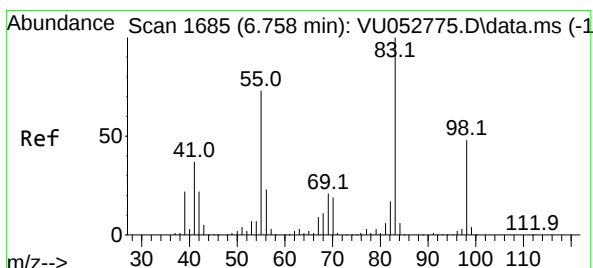
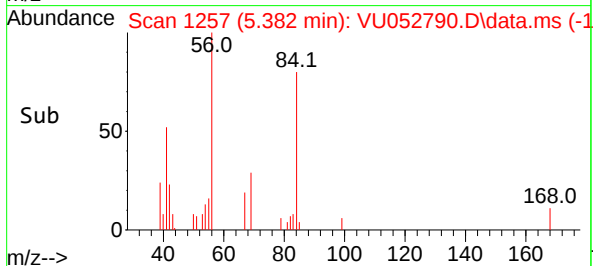
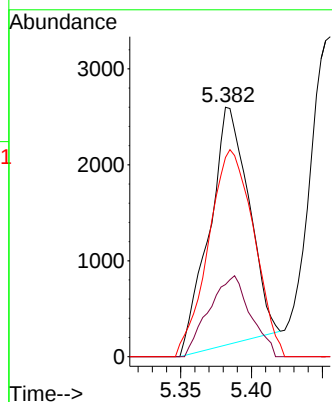
Tgt Ion: 56 Resp: 4799

Ion Ratio Lower Upper

56 100

69 35.7 26.8 40.2

84 100.4 77.0 115.6



#20

Methylcyclohexane

Concen: 0.370 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

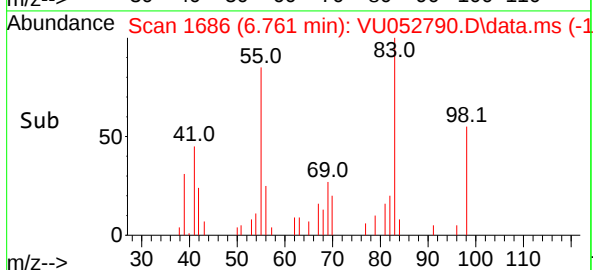
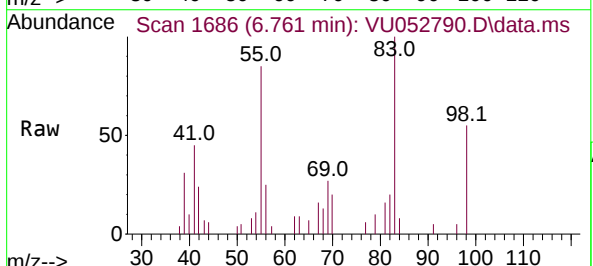
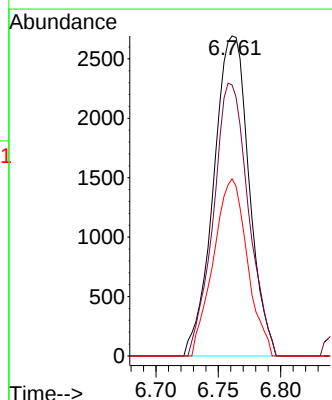
Tgt Ion: 83 Resp: 5336

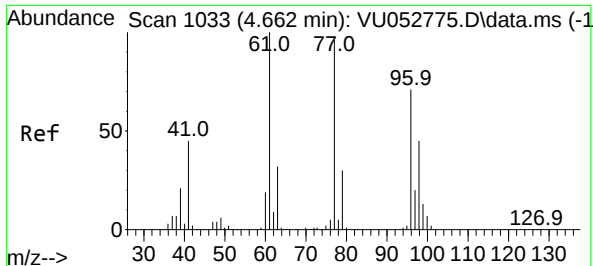
Ion Ratio Lower Upper

83 100

55 84.1 58.7 88.1

98 52.8 39.4 59.2





#21

2,2-Dichloropropane

Concen: 0.518 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

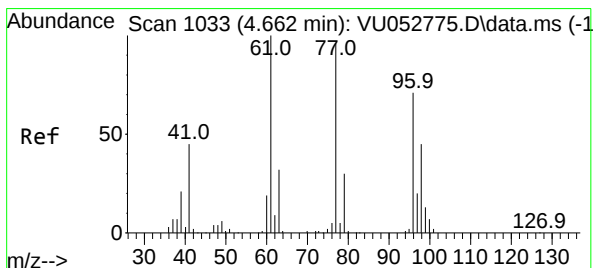
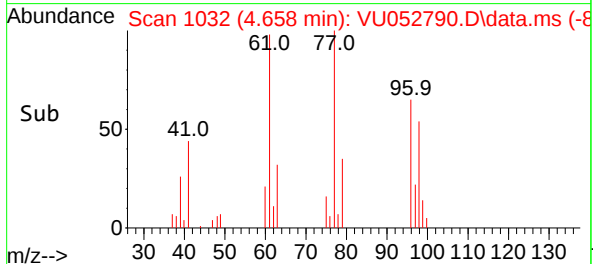
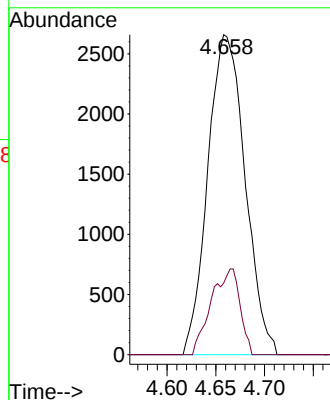
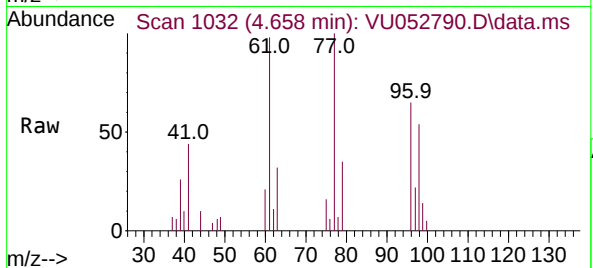
ClientSampleId :

Tgt Ion: 77 Resp: 7067

Ion Ratio Lower Upper

77 100

97 20.6 16.8 25.2



#22

cis-1,2-Dichloroethene

Concen: 0.510 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

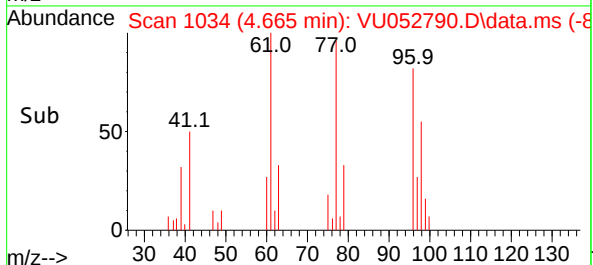
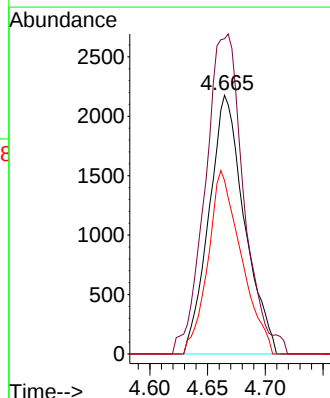
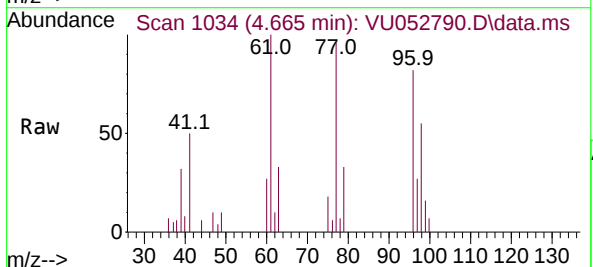
Tgt Ion: 96 Resp: 4645

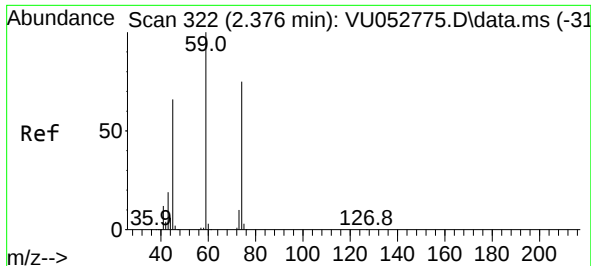
Ion Ratio Lower Upper

96 100

61 134.4 0.0 353.3

98 66.5 32.6 97.7





#23

Diethyl Ether

Concen: 0.483 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052790.D

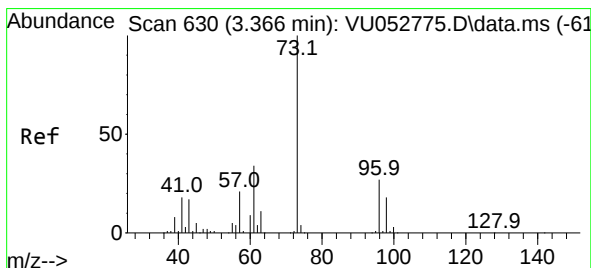
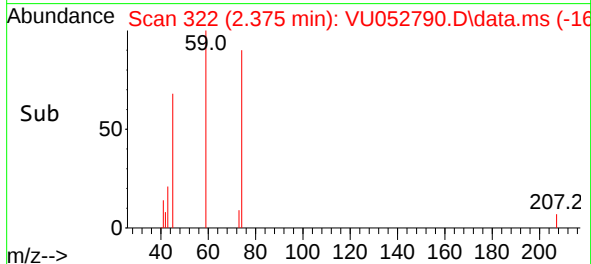
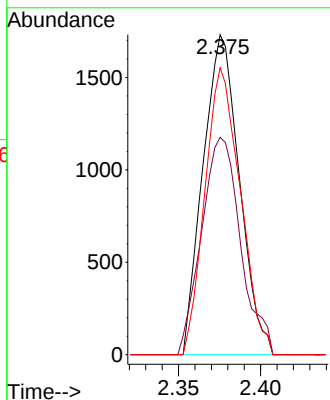
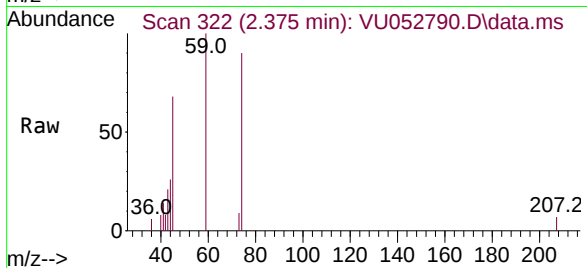
Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 59	Resp: 2669
Ion Ratio	Lower Upper
59 100	
45 72.8	52.1 78.1
74 87.2	61.6 92.4



#25

Methyl tert-Butyl Ether

Concen: 0.483 ug/l

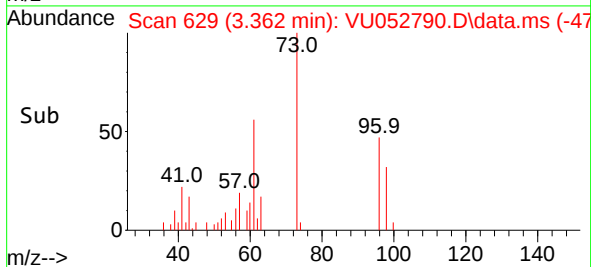
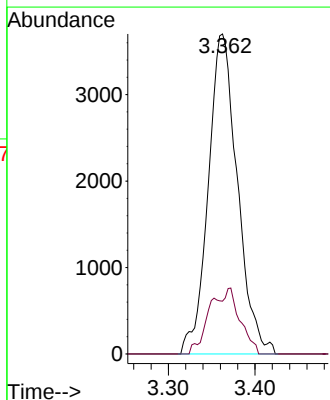
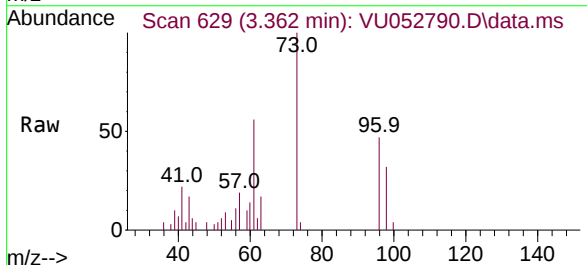
RT: 3.362 min Scan# 629

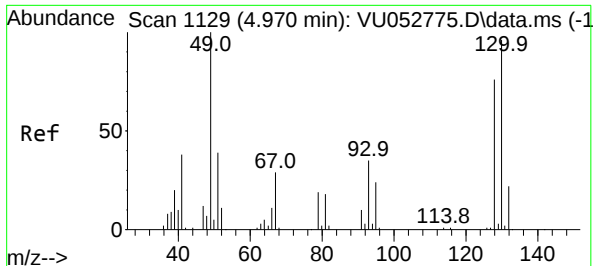
Delta R.T. -0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Tgt Ion: 73	Resp: 8664
Ion Ratio	Lower Upper
73 100	
43 10.5	15.3 22.9#

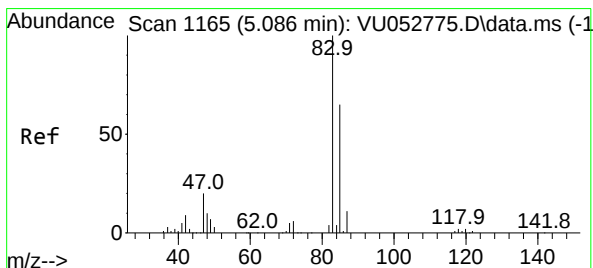
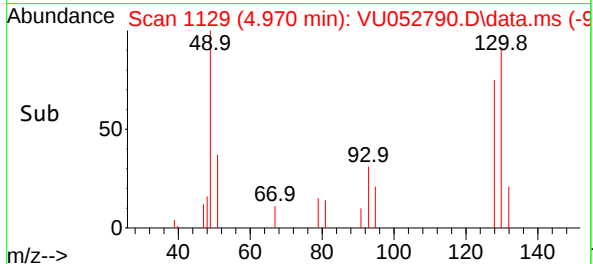
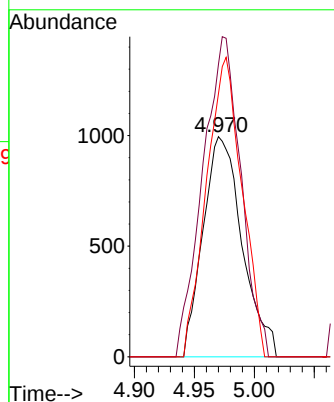
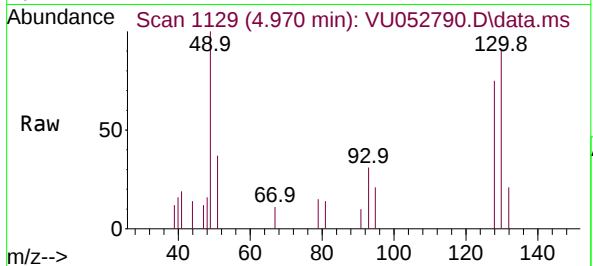




#26
Bromochloromethane
Concen: 0.532 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

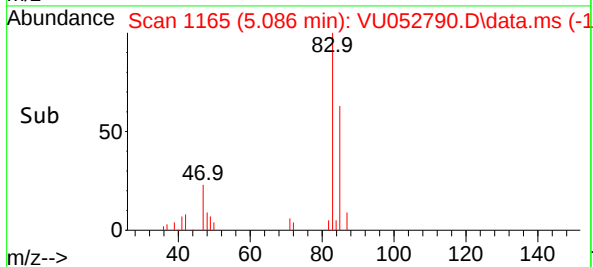
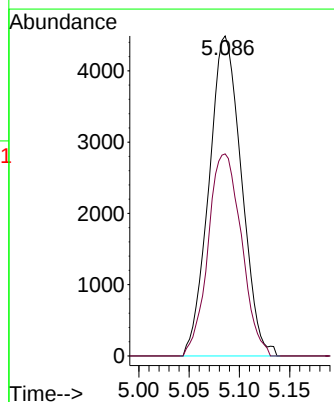
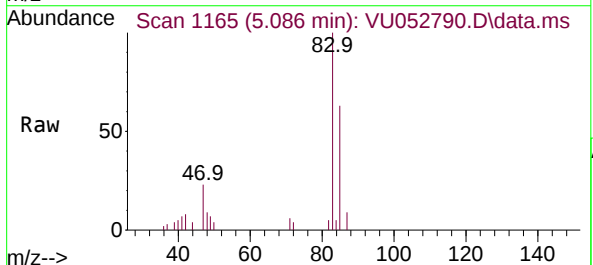
Instrument :
MSVOA_U
ClientSampleId :

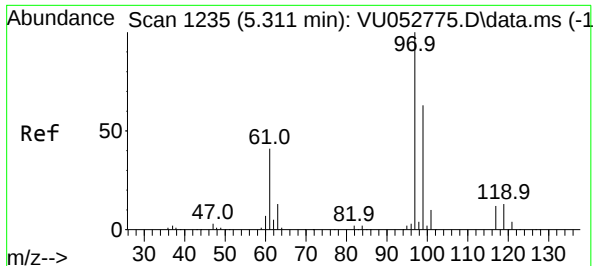
Tgt Ion:128 Resp: 2258
Ion Ratio Lower Upper
128 100
49 141.6 0.0 265.0
130 123.7 100.7 151.1



#27
Chloroform
Concen: 0.641 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 83 Resp: 10096
Ion Ratio Lower Upper
83 100
85 63.2 0.0 130.6





#28

1,1,1-Trichloroethane

Concen: 0.551 ug/l

RT: 5.314 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

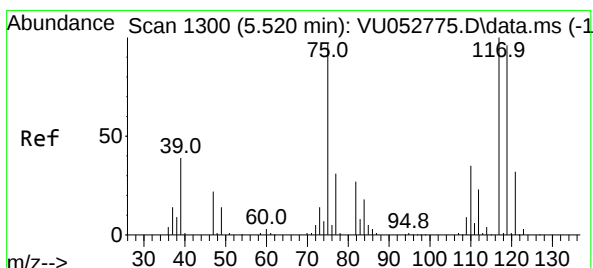
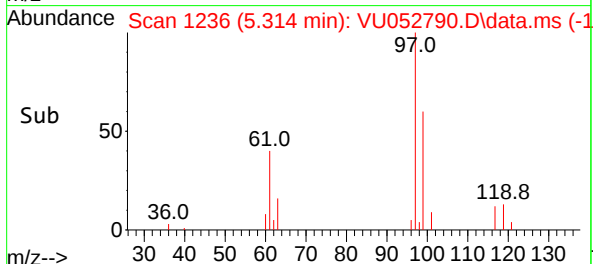
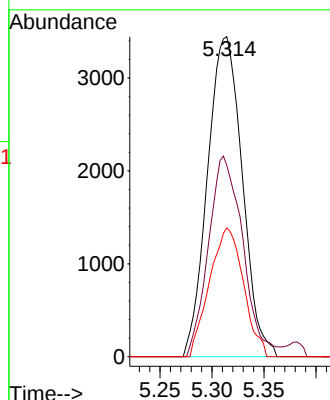
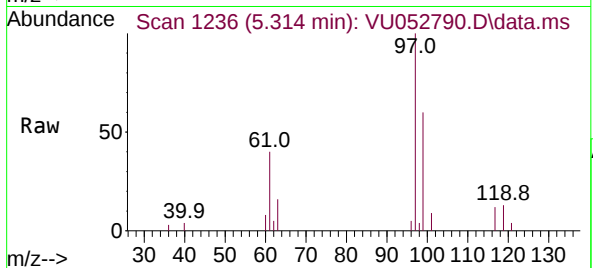
Tgt Ion: 97 Resp: 8016

Ion Ratio Lower Upper

97 100

99 62.1 31.9 95.5

61 39.3 20.8 62.2



#29

1,1-Dichloropropene

Concen: 0.441 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

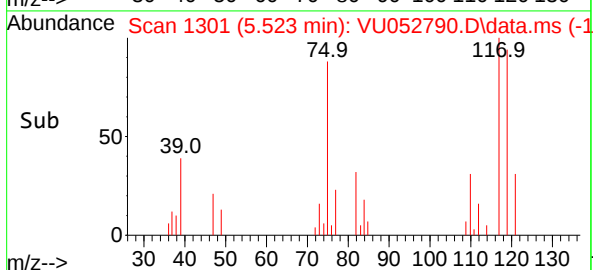
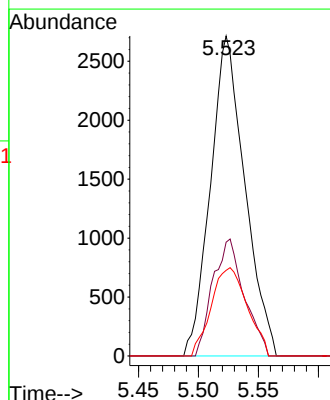
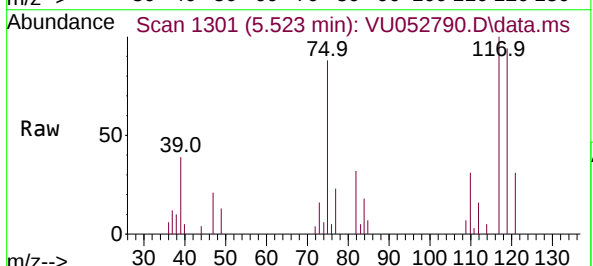
Tgt Ion: 75 Resp: 5409

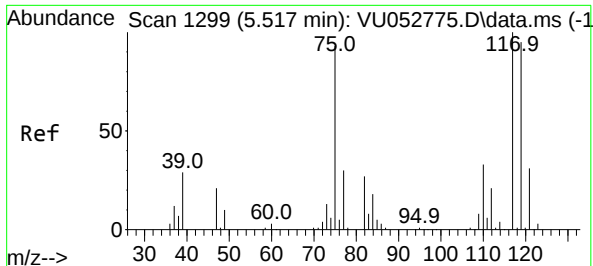
Ion Ratio Lower Upper

75 100

110 33.4 17.4 52.2

77 29.0 24.8 37.2

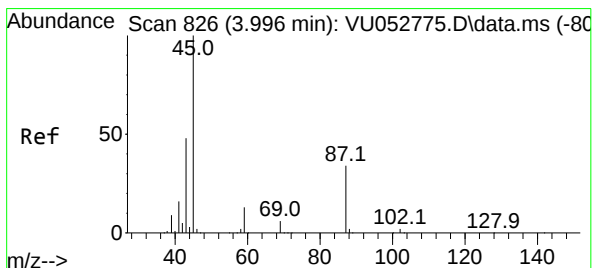
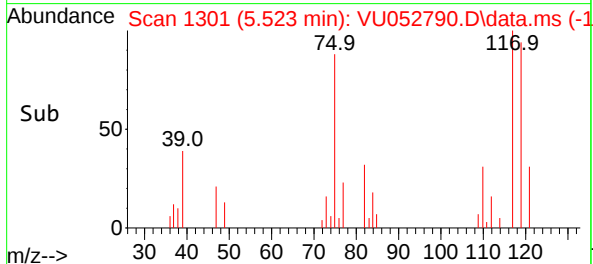
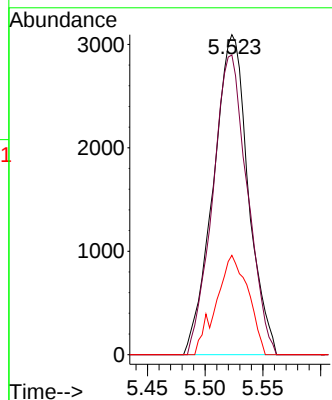
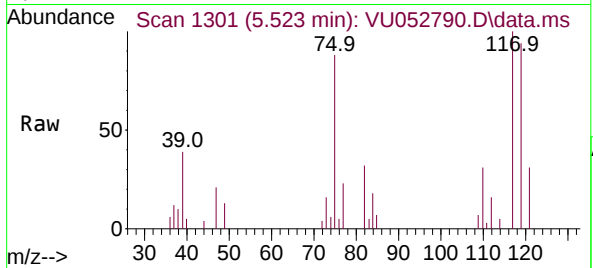




#30
Carbon Tetrachloride
Concen: 0.492 ug/l
RT: 5.523 min Scan# 117
Delta R.T. 0.006 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

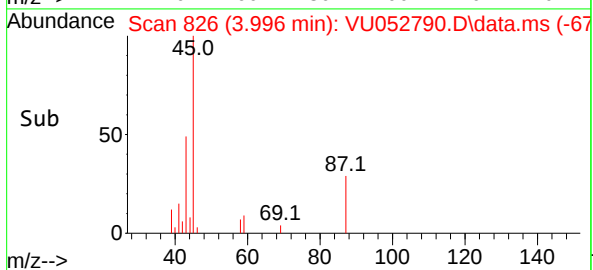
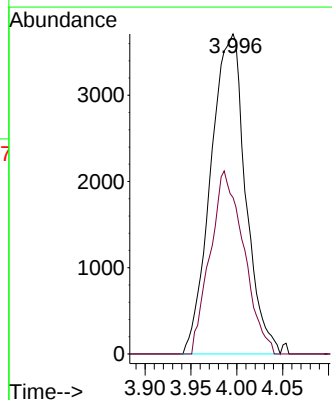
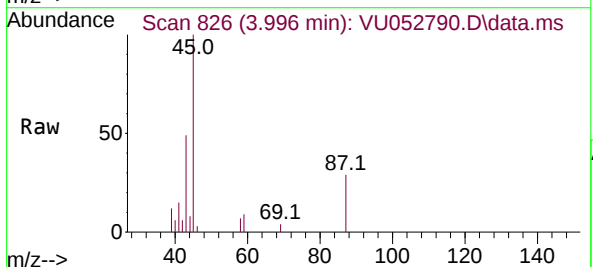
Instrument :
MSVOA_U
ClientSampleId :

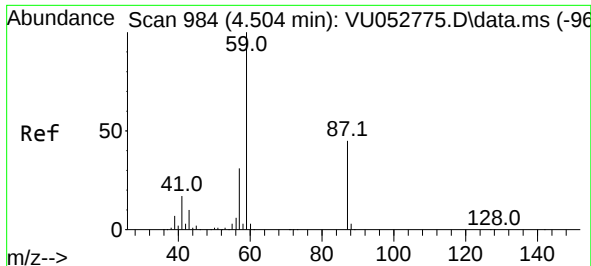
Tgt Ion:117 Resp: 6501
Ion Ratio Lower Upper
117 100
119 93.7 76.4 114.6
121 31.0 25.0 37.6



#31
Isopropyl Ether
Concen: 0.465 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 45 Resp: 9827
Ion Ratio Lower Upper
45 100
43 55.0 24.5 73.5





#32

Ethyl-t-butyl ether

Concen: 0.460 ug/l

RT: 4.501 min Scan# 90

Delta R.T. -0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

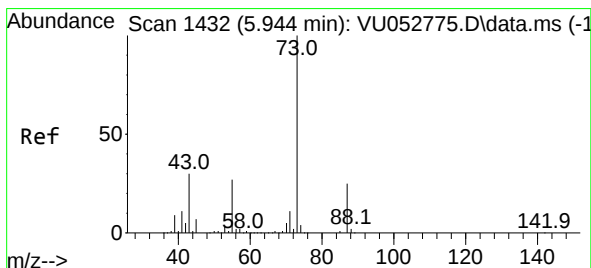
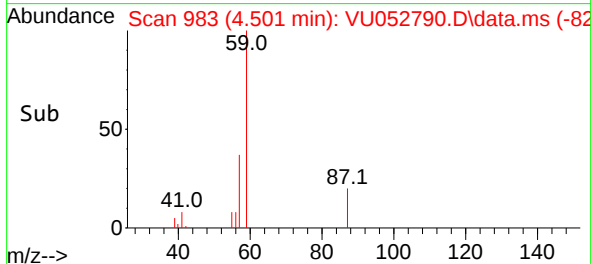
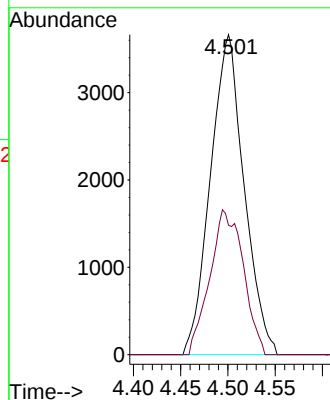
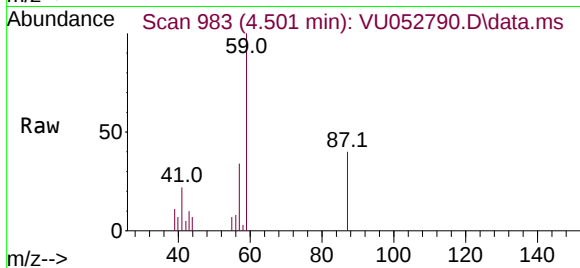
ClientSampleId :

Tgt Ion: 59 Resp: 9071

Ion Ratio Lower Upper

59 100

87 45.0 36.2 54.2



#33

Tert-Amyl methyl ether

Concen: 0.441 ug/l

RT: 5.938 min Scan# 1430

Delta R.T. -0.007 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

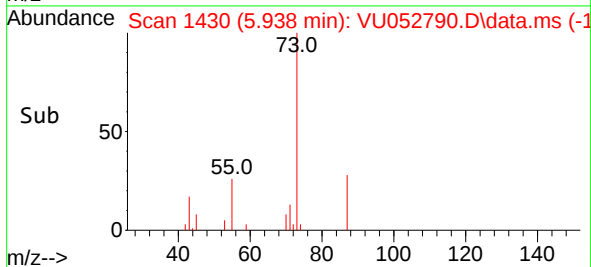
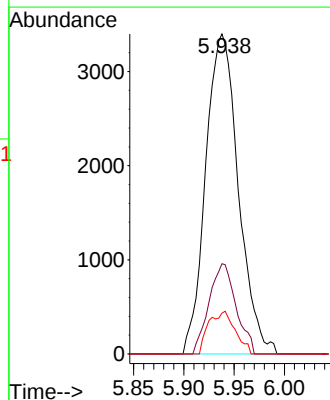
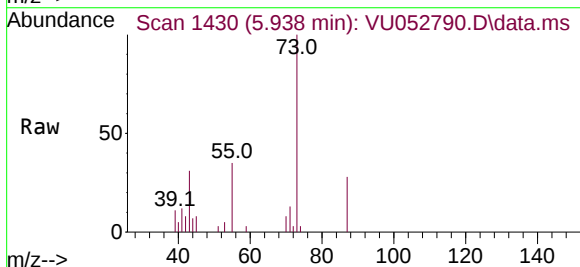
Tgt Ion: 73 Resp: 7687

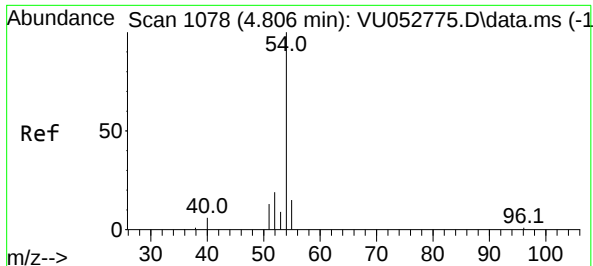
Ion Ratio Lower Upper

73 100

87 23.3 20.1 30.1

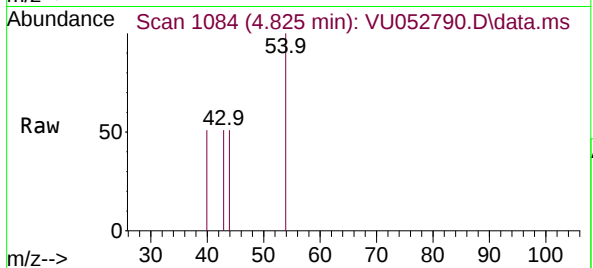
71 10.8 9.2 13.8



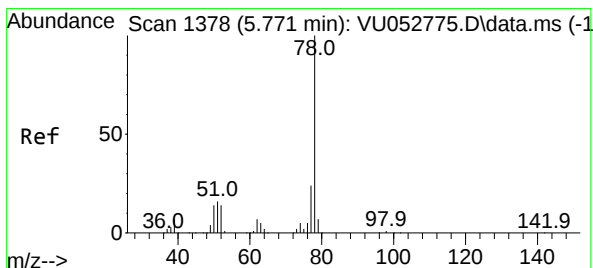
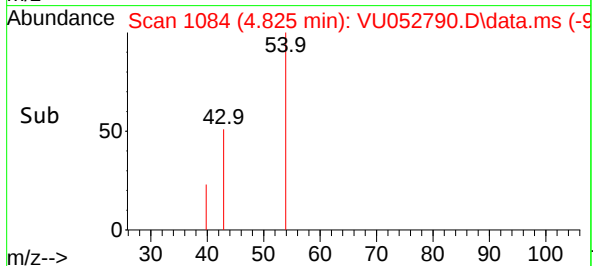
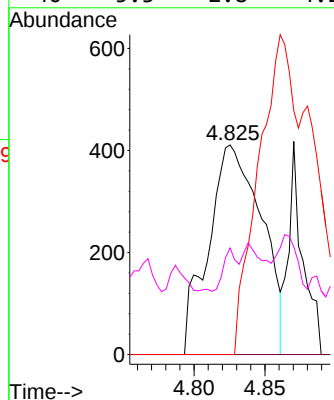


#34
 Propionitrile
 Concen: 1.722 ug/l
 RT: 4.825 min Scan# 1078
 Delta R.T. 0.019 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

Instrument :
 MSVOA_U
 ClientSampleId :

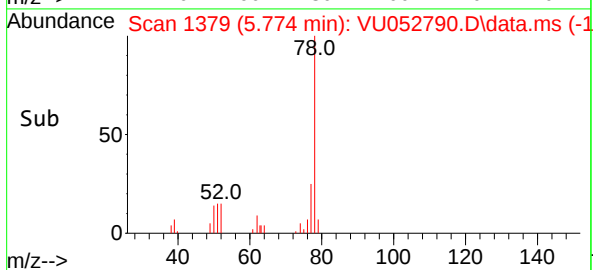
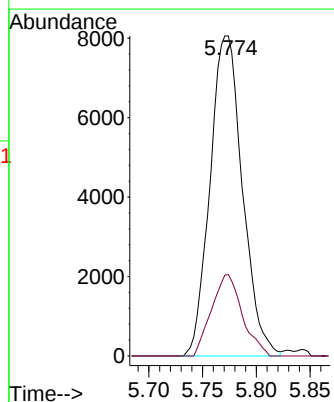
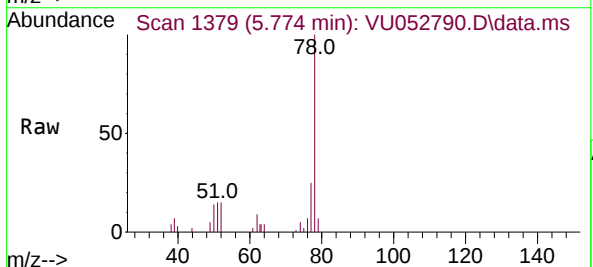


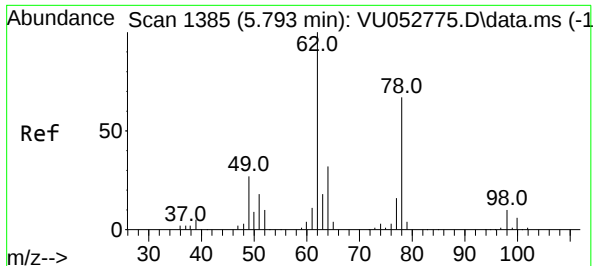
Tgt Ion: 54 Resp: 1078
 Ion Ratio Lower Upper
 54 100
 52 0.0 16.9 25.3#
 55 0.0 118.6 178.0#
 40 5.3 2.8 4.2#



#35
 Benzene
 Concen: 0.475 ug/l
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.003 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

Tgt Ion: 78 Resp: 16892
 Ion Ratio Lower Upper
 78 100
 77 25.4 19.0 28.4





#36

1,2-Dichloroethane

Concen: 0.479 ug/l

RT: 5.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

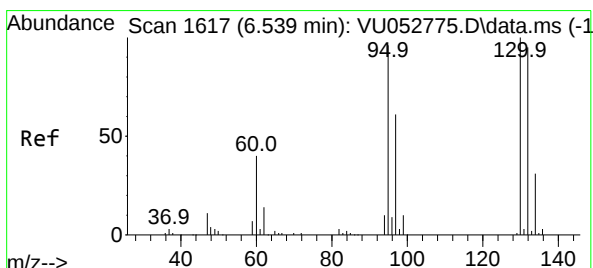
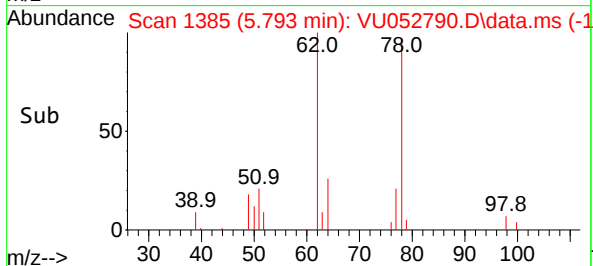
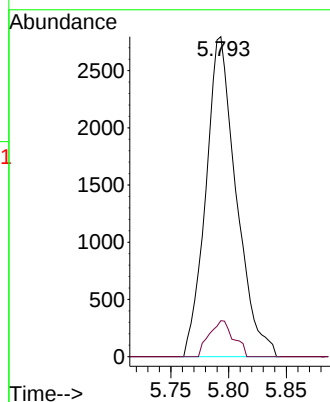
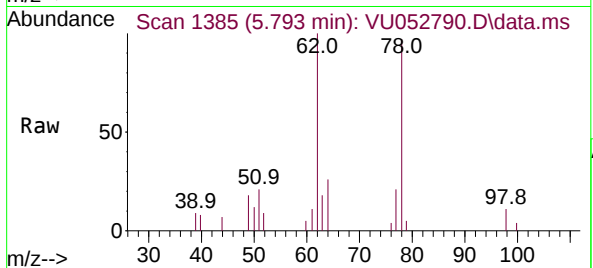
ClientSampleId :

Tgt Ion: 62 Resp: 5124

Ion Ratio Lower Upper

62 100

98 9.0 7.5 11.3



#37

Trichloroethene

Concen: 0.480 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU052790.D

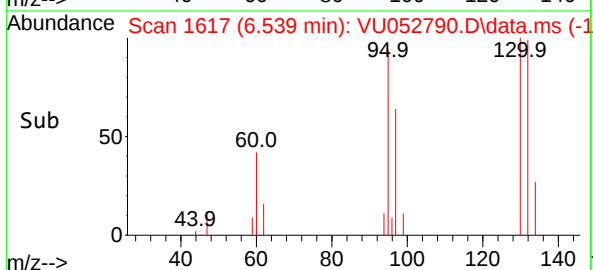
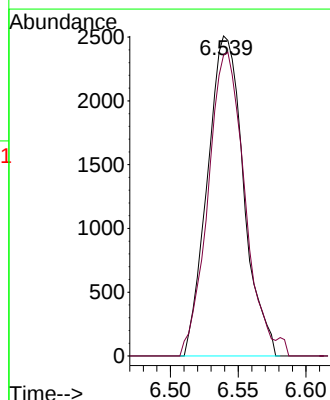
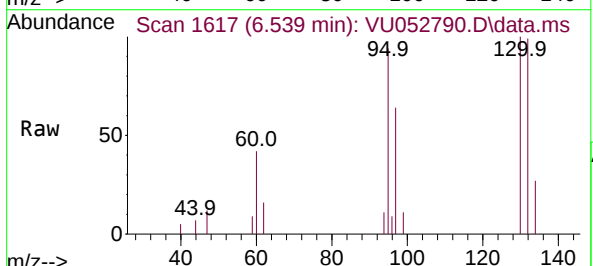
Acq: 24 Jan 2023 14:35

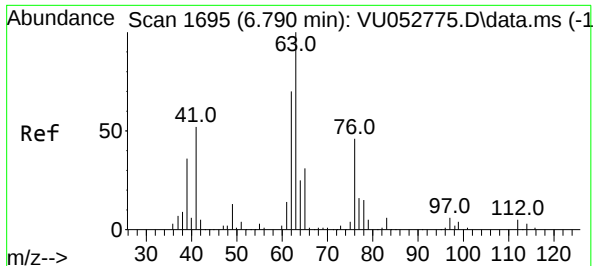
Tgt Ion:130 Resp: 4656

Ion Ratio Lower Upper

130 100

95 94.0 76.6 114.8





#38

1,2-Dichloropropane

Concen: 0.458 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

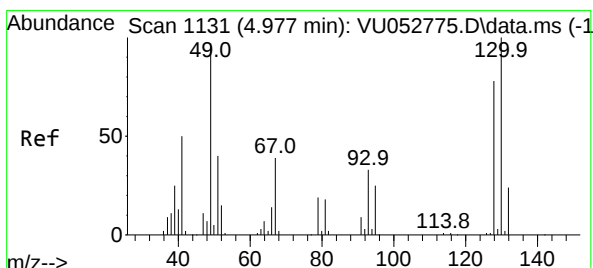
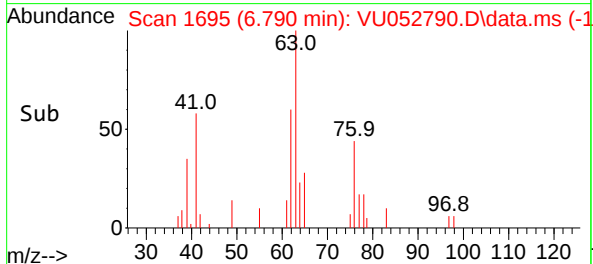
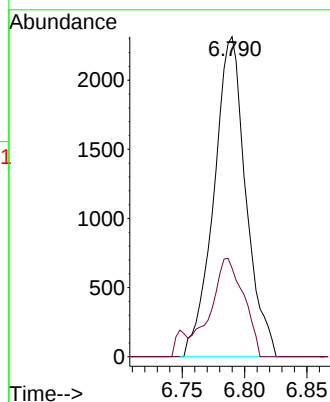
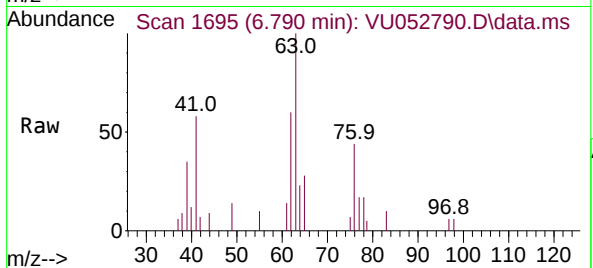
ClientSampleId :

Tgt Ion: 63 Resp: 4133

Ion Ratio Lower Upper

63 100

65 27.6 24.6 36.8



#39

Methacrylonitrile

Concen: 0.414 ug/l

RT: 4.989 min Scan# 1135

Delta R.T. 0.013 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Tgt Ion: 41 Resp: 1034

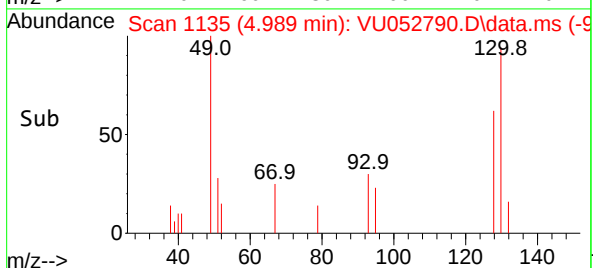
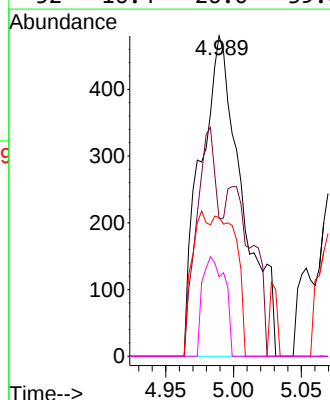
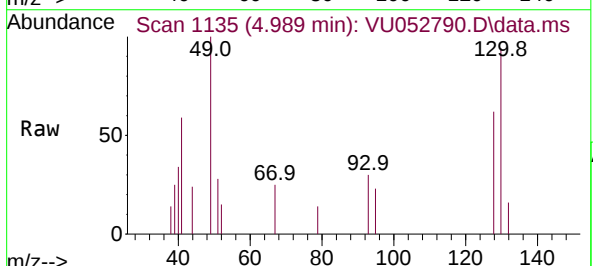
Ion Ratio Lower Upper

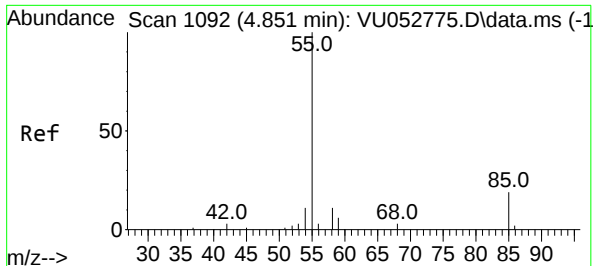
41 100

67 35.3 64.9 97.3#

39 20.3 41.7 62.5#

52 16.4 26.0 39.0#

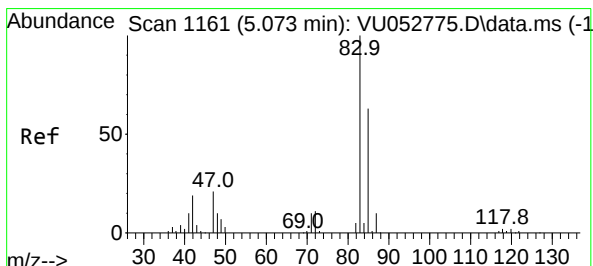
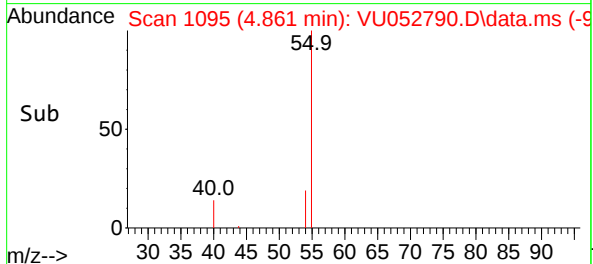
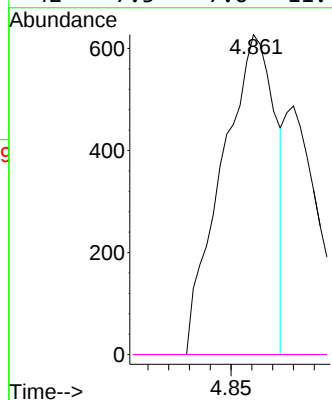
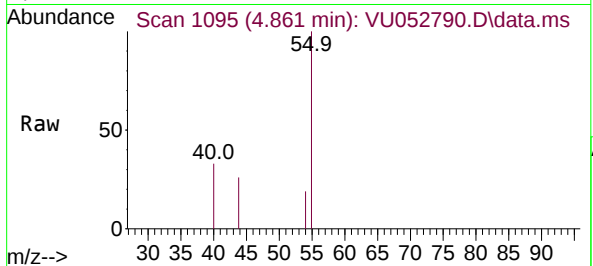




#40
Methyl acrylate
Concen: 0.253 ug/l
RT: 4.861 min Scan# 1109
Delta R.T. 0.009 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

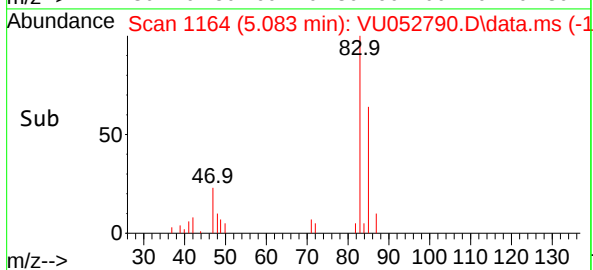
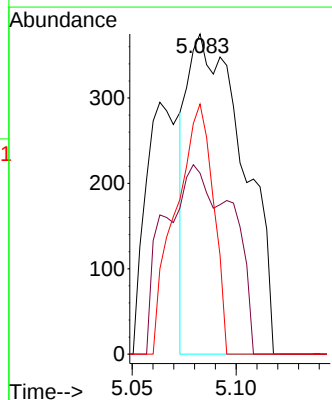
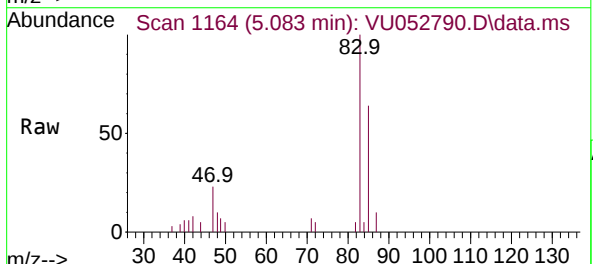
Instrument :
MSVOA_U
ClientSampleId :

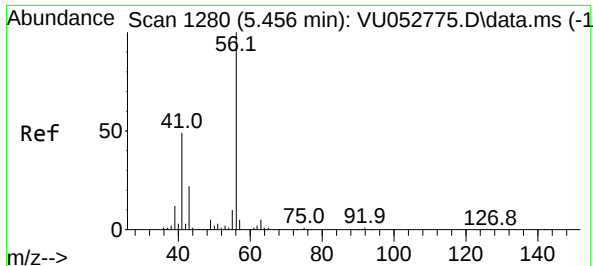
Tgt Ion:	55	Resp:	1122
Ion	Ratio	Lower	Upper
55	100		
85	0.0	14.4	21.6#
58	0.0	7.3	10.9#
42	7.3	7.6	11.4#



#41
Tetrahydrofuran
Concen: 0.568 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.009 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion:	42	Resp:	706
Ion	Ratio	Lower	Upper
42	100		
72	70.1	49.1	73.7
71	52.3	43.8	65.6





#42

1-Chlorobutane

Concen: 0.443 ug/l

RT: 5.456 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

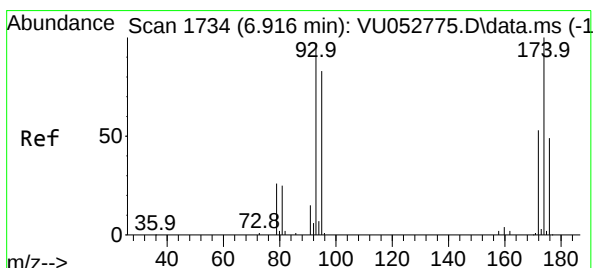
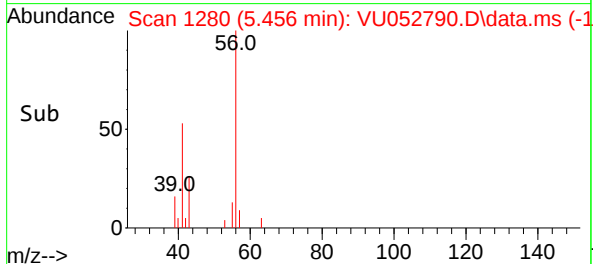
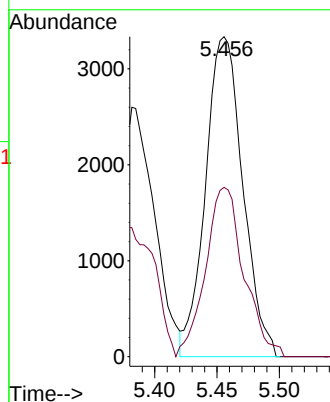
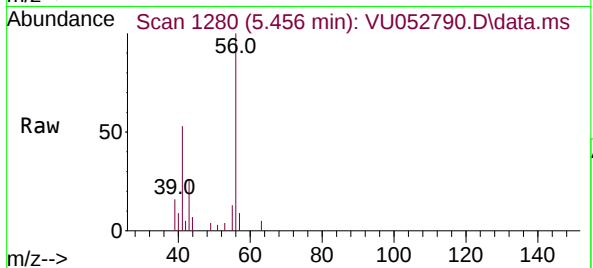
ClientSampleId :

Tgt Ion: 56 Resp: 6942

Ion Ratio Lower Upper

56 100

41 54.4 24.5 73.5



#43

Dibromomethane

Concen: 0.429 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

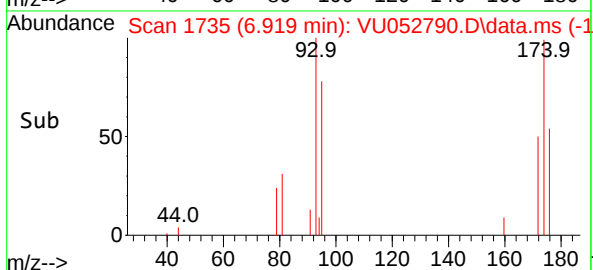
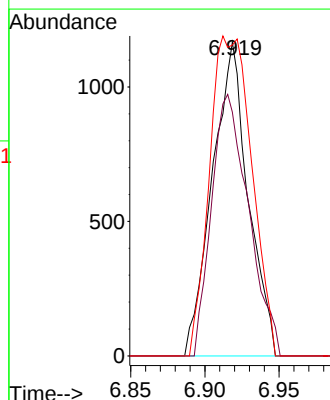
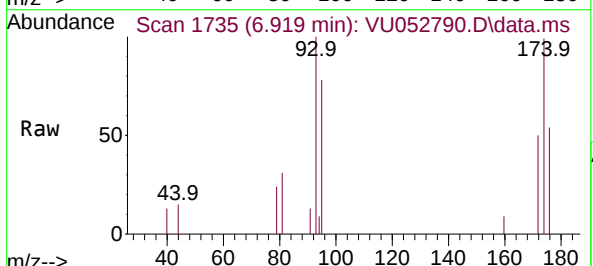
Tgt Ion: 93 Resp: 1959

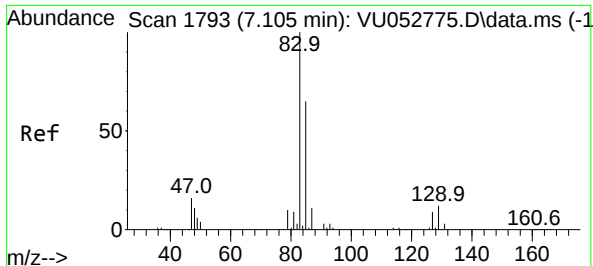
Ion Ratio Lower Upper

93 100

95 86.3 67.0 100.6

174 120.1 82.2 123.4

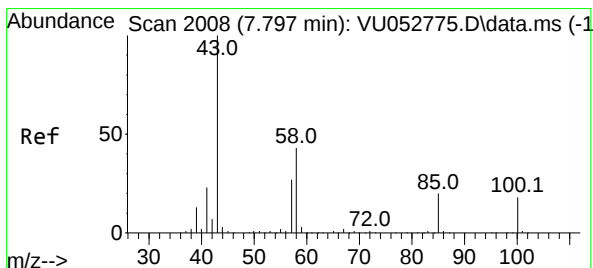
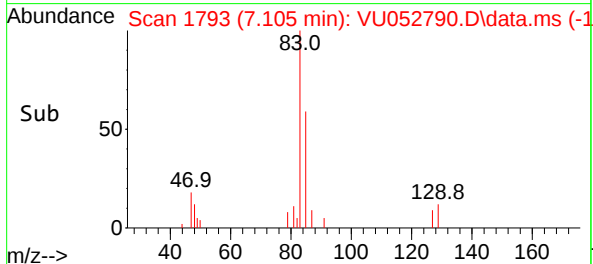
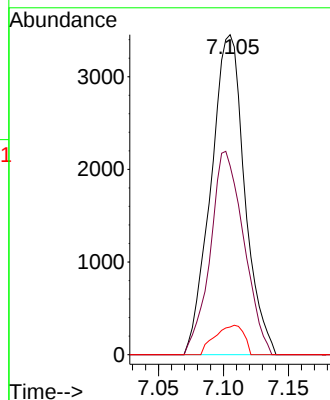
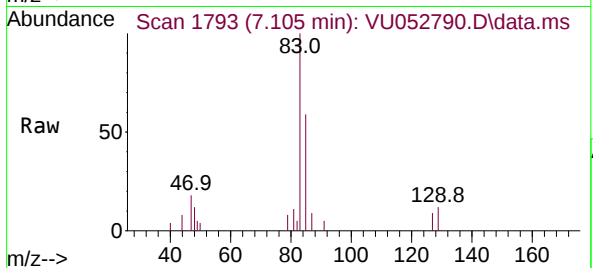




#44
Bromodichloromethane
Concen: 0.503 ug/l
RT: 7.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

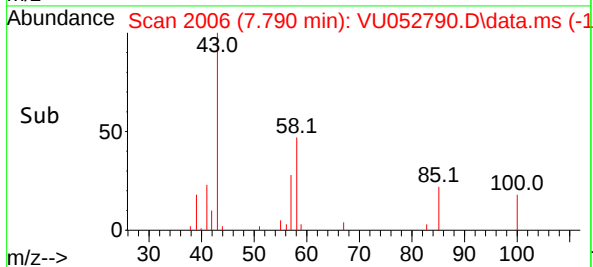
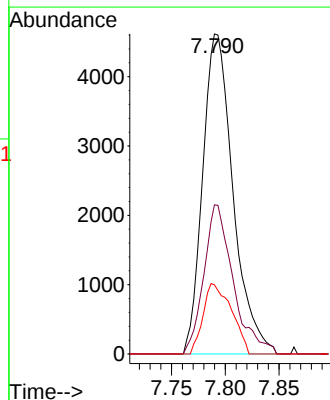
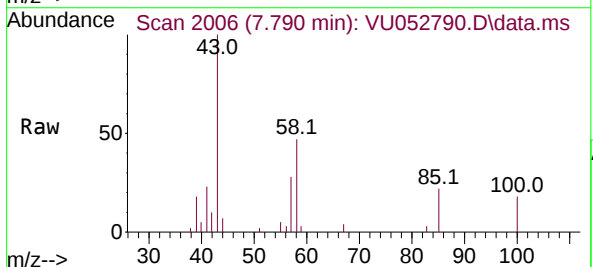
Instrument :
MSVOA_U
ClientSampleId :

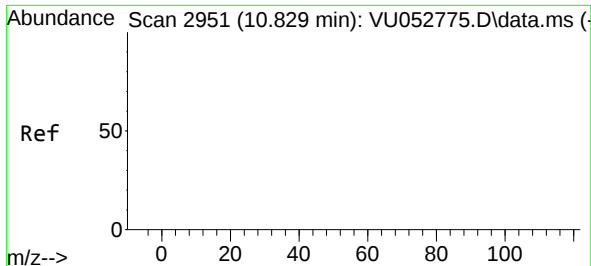
Tgt Ion: 83 Resp: 6244
Ion Ratio Lower Upper
83 100
85 59.0 52.1 78.1
127 8.6 7.2 10.8



#45
4-Methyl-2-Pentanone
Concen: 1.890 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. -0.007 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

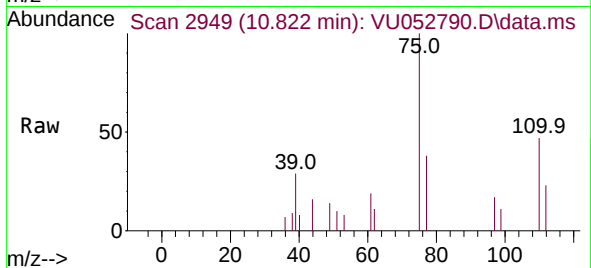
Tgt Ion: 43 Resp: 9077
Ion Ratio Lower Upper
43 100
58 45.0 21.7 65.1
85 20.5 16.2 24.4



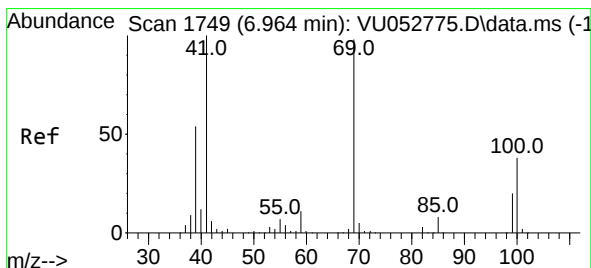
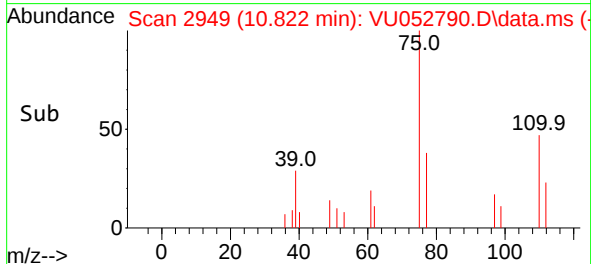
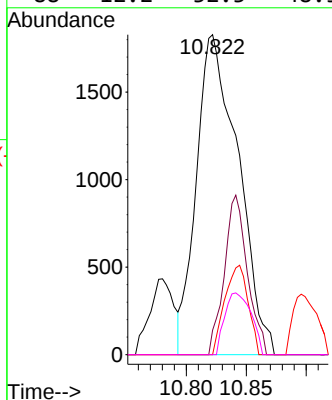


#46
t-1,4-Dichloro-2-butene
Concen: 1.754 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.007 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :

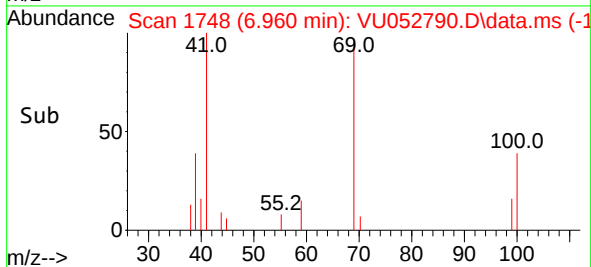
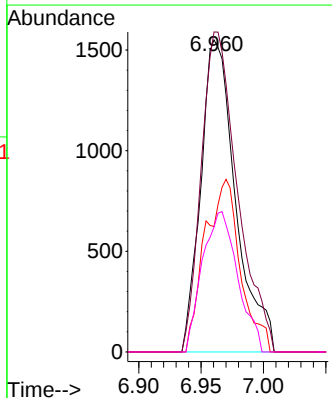
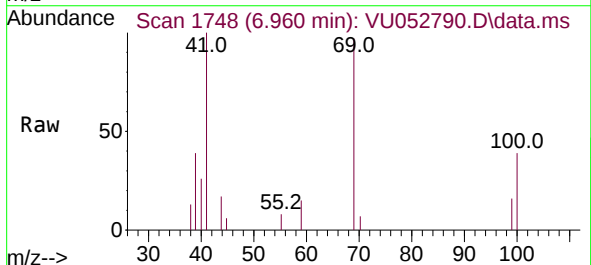


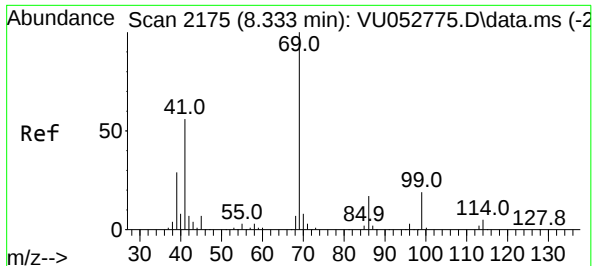
Tgt Ion:	75	Resp:	4418
Ion	Ratio	Lower	Upper
75	100		
53	27.5	57.0	85.4#
89	15.6	41.1	61.7#
88	12.2	32.3	48.5#



#47
Methyl methacrylate
Concen: 0.742 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion:	69	Resp:	3016
Ion	Ratio	Lower	Upper
69	100		
41	106.5	0.0	201.8
39	56.1	44.0	66.0
100	45.6	31.5	47.3





#48

Ethyl methacrylate

Concen: 0.365 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

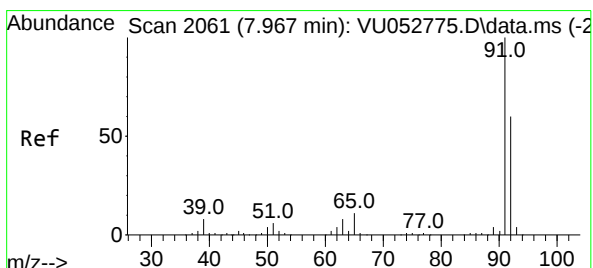
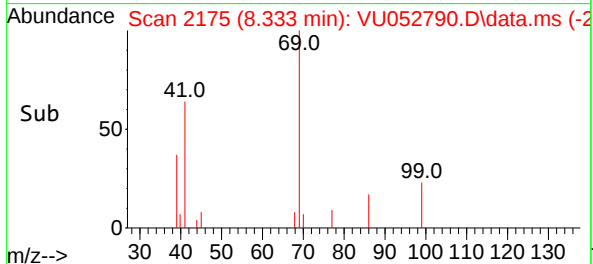
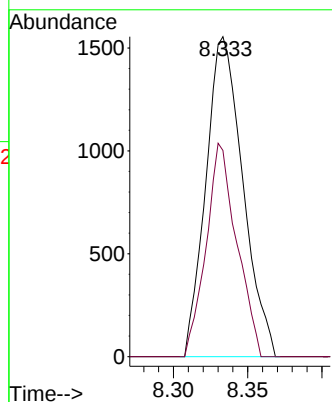
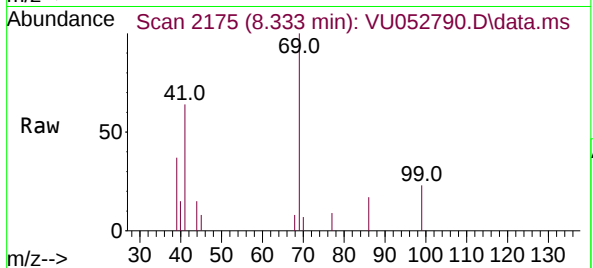
ClientSampleId :

Tgt Ion: 69 Resp: 2687

Ion Ratio Lower Upper

69 100

41 55.3 28.1 84.4



#49

Toluene

Concen: 0.395 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052790.D

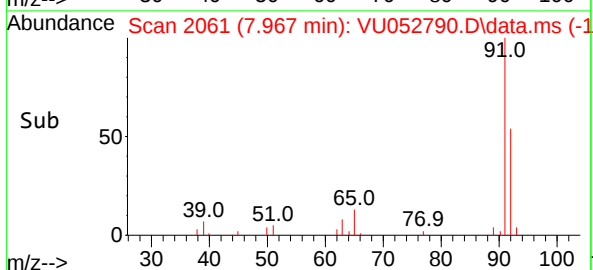
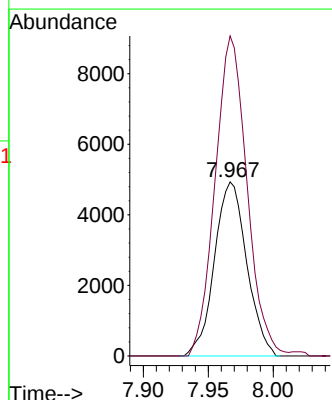
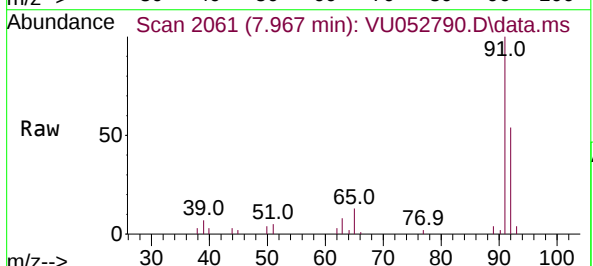
Acq: 24 Jan 2023 14:35

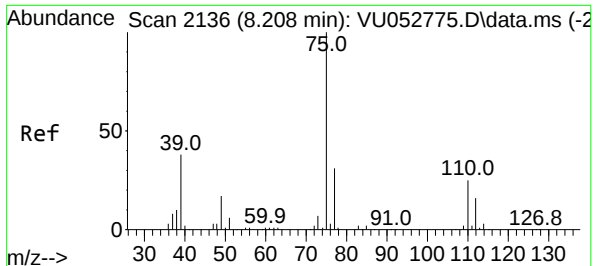
Tgt Ion: 92 Resp: 8532

Ion Ratio Lower Upper

92 100

91 181.1 133.8 200.8





#50

t-1,3-Dichloropropene

Concen: 0.392 ug/l

RT: 8.211 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

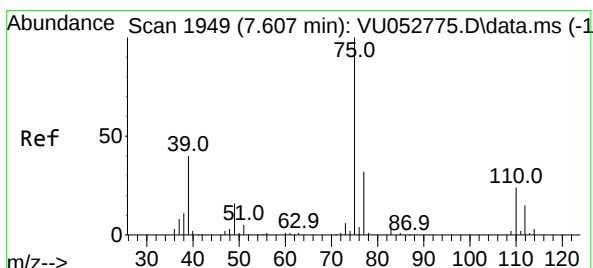
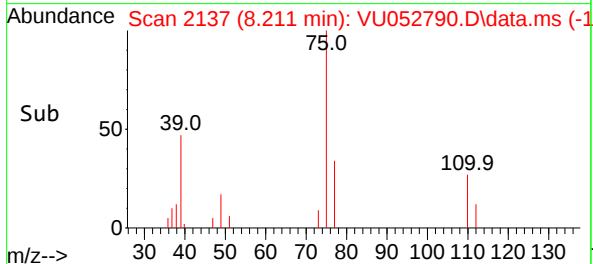
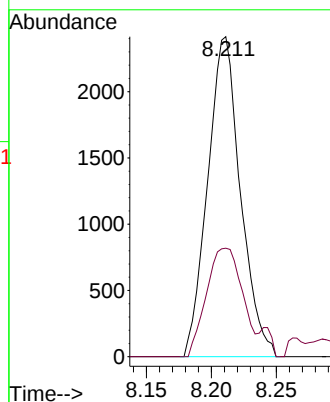
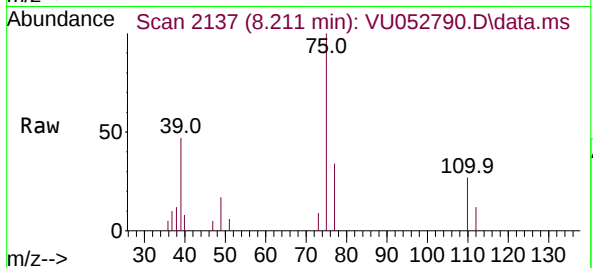
ClientSampleId :

Tgt Ion: 75 Resp: 4237

Ion Ratio Lower Upper

75 100

77 33.9 24.4 36.6



#51

cis-1,3-Dichloropropene

Concen: 0.420 ug/l

RT: 7.603 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

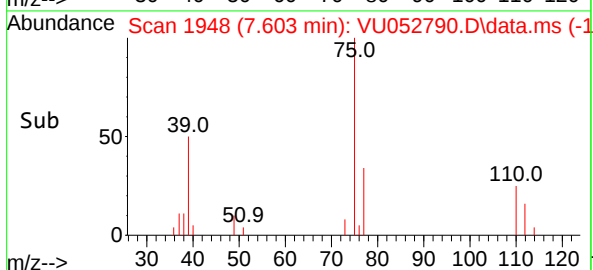
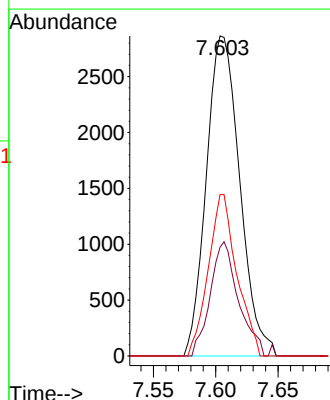
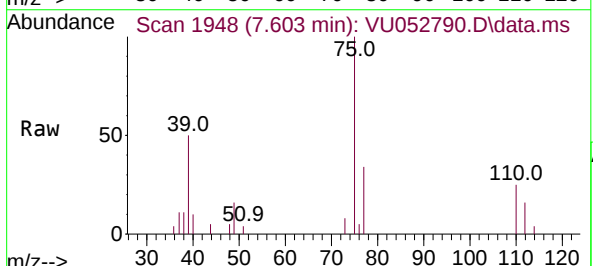
Tgt Ion: 75 Resp: 5350

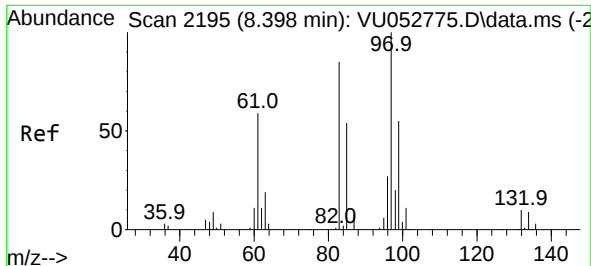
Ion Ratio Lower Upper

75 100

77 33.9 25.5 38.3

39 50.4 32.3 48.5#

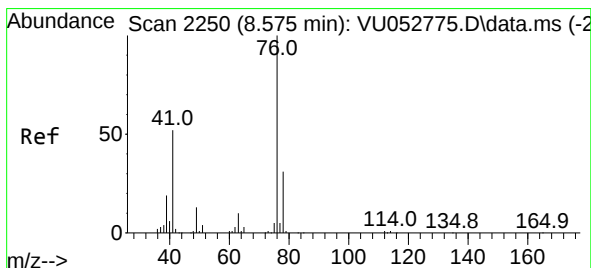
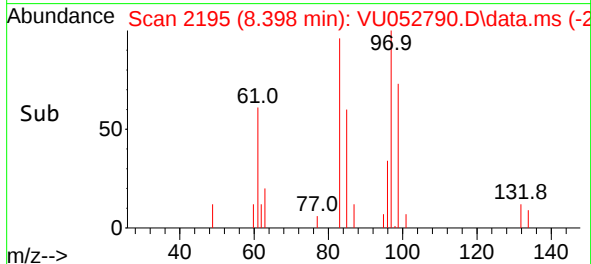
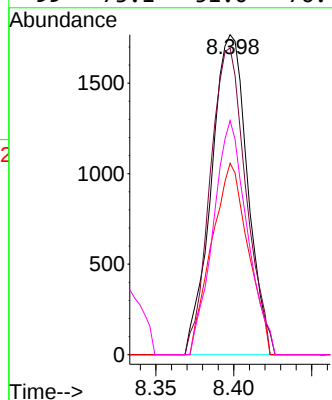
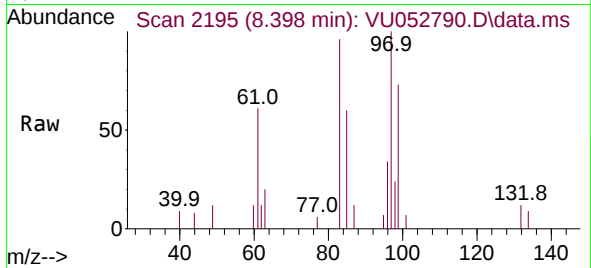




#52
 1,1,2-Trichloroethane
 Concen: 0.439 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

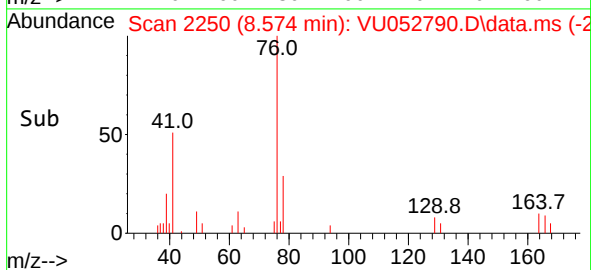
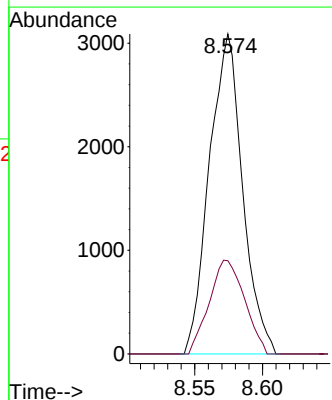
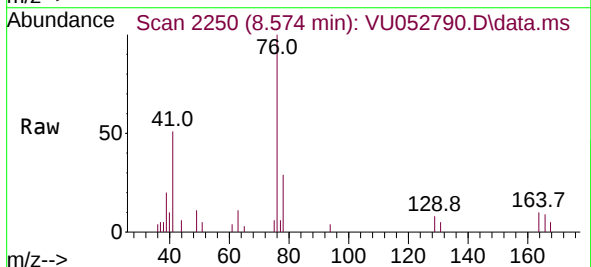
Instrument :
 MSVOA_U
 ClientSampleId :

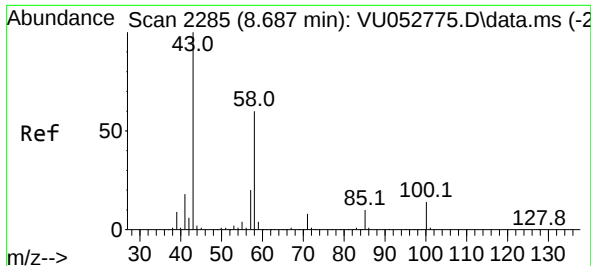
Tgt Ion: 97	Resp: 2856
Ion Ratio	Lower Upper
97 100	
83 95.9	68.2 102.2
85 59.8	44.5 66.7
99 73.1	51.0 76.4



#53
 1,3-Dichloropropane
 Concen: 0.468 ug/l
 RT: 8.574 min Scan# 2250
 Delta R.T. -0.000 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

Tgt Ion: 76	Resp: 5259		
Ion Ratio	Lower	Upper	
76 100			
78 31.1	25.2	37.8	

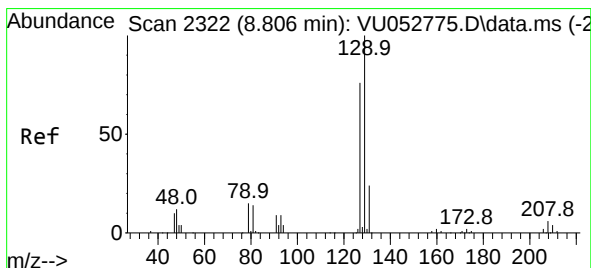
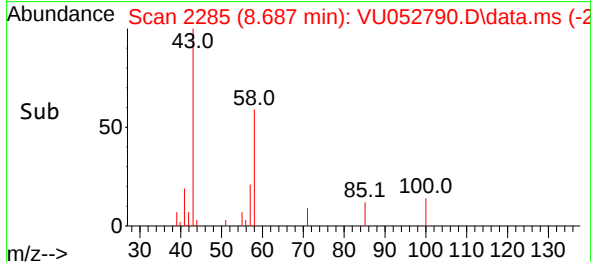
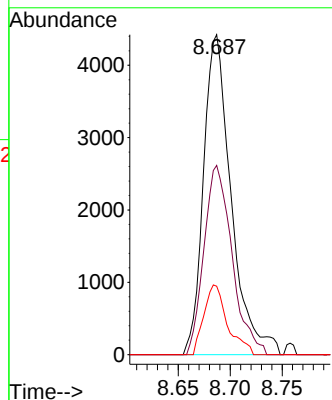
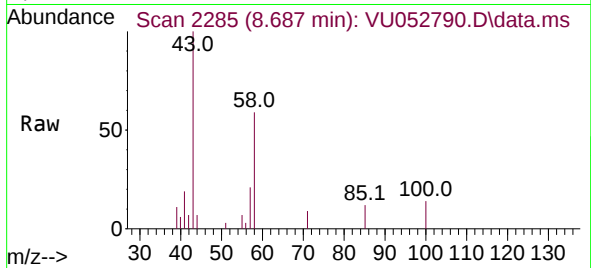




#54
2-Hexanone
Concen: 1.953 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

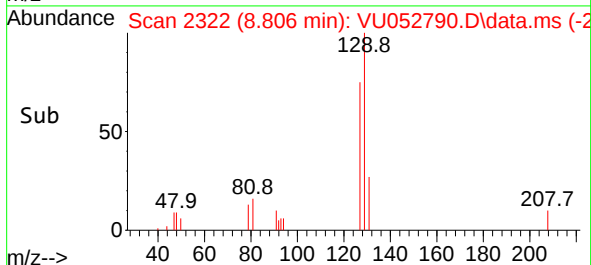
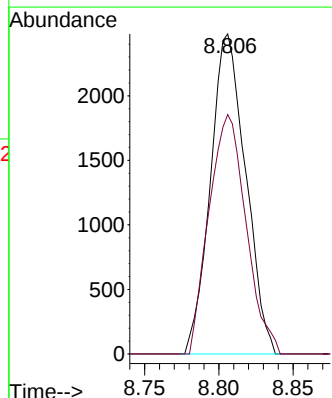
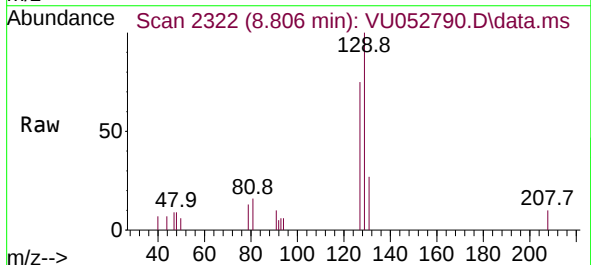
Instrument :
MSVOA_U
ClientSampleId :

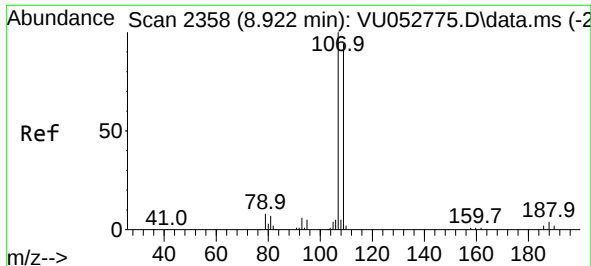
Tgt Ion: 43 Resp: 8208
Ion Ratio Lower Upper
43 100
58 59.8 40.0 80.0
57 18.5 0.6 40.6



#55
Dibromochloromethane
Concen: 0.481 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 129 Resp: 4089
Ion Ratio Lower Upper
129 100
127 78.8 61.5 92.3

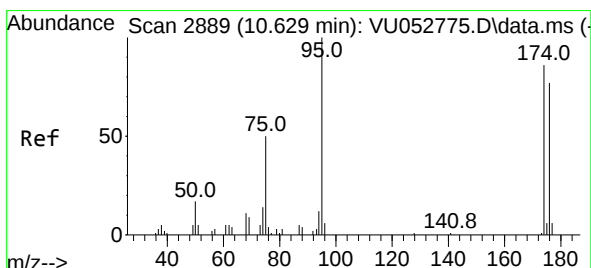
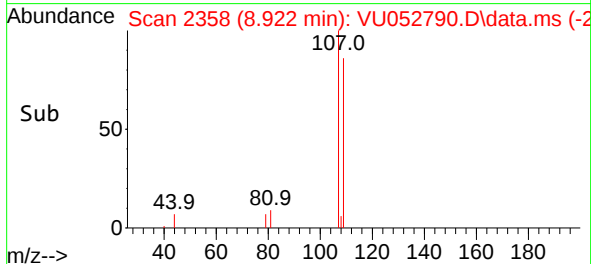
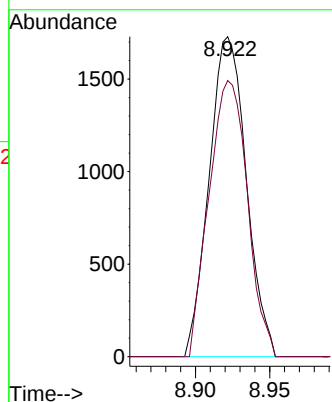
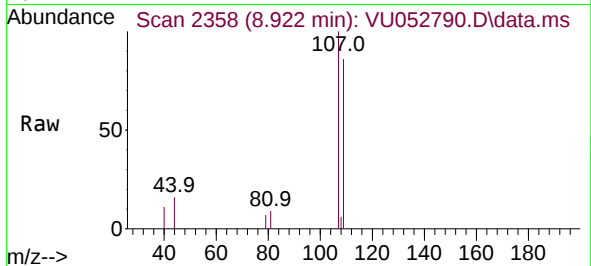




#56
1,2-Dibromoethane
Concen: 0.487 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

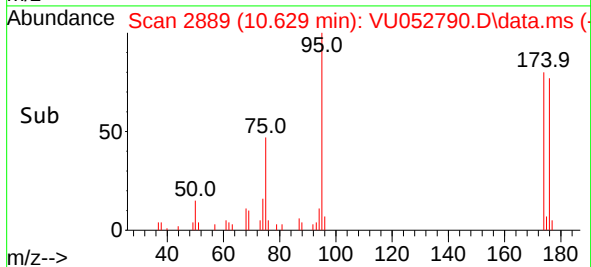
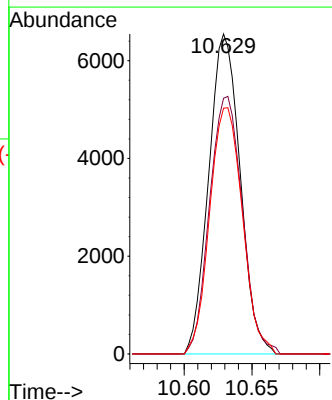
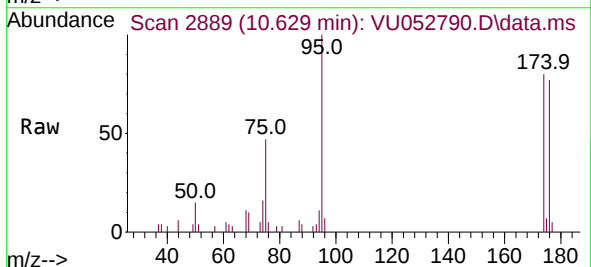
Instrument :
MSVOA_U
ClientSampleId :

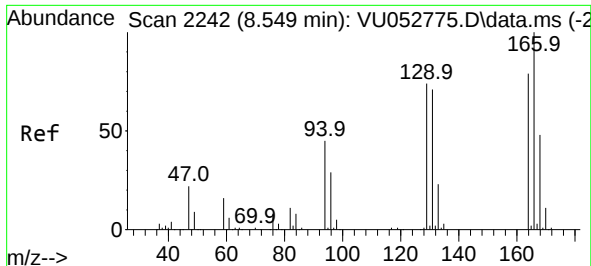
Tgt Ion:107 Resp: 3012
Ion Ratio Lower Upper
107 100
109 88.9 0.0 190.4



#57
4-Bromofluorobenzene
Concen: 0.947 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

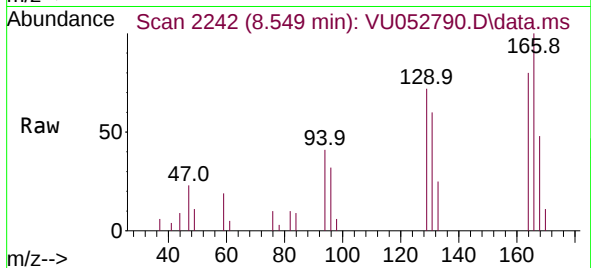
Tgt Ion: 95 Resp: 10561
Ion Ratio Lower Upper
95 100
174 83.7 66.9 100.3
176 80.0 61.9 92.9



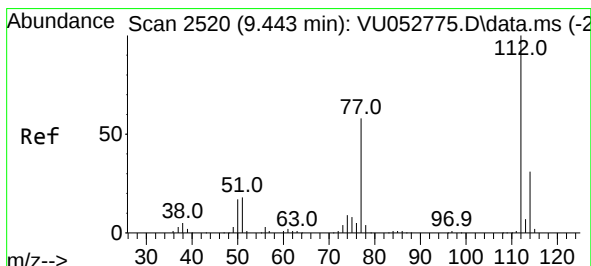
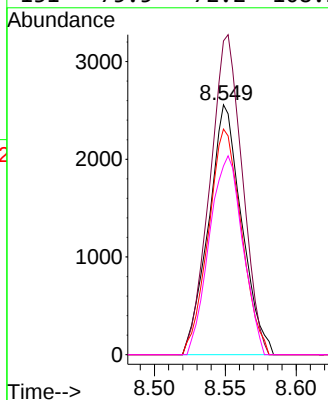
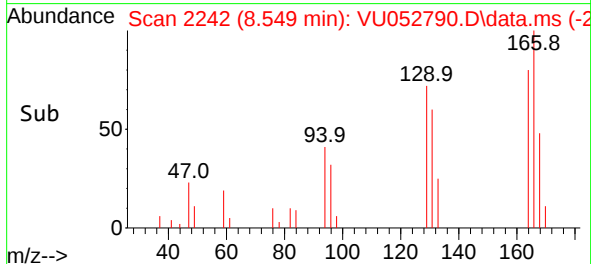


#58
Tetrachloroethene
Concen: 0.474 ug/l
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :

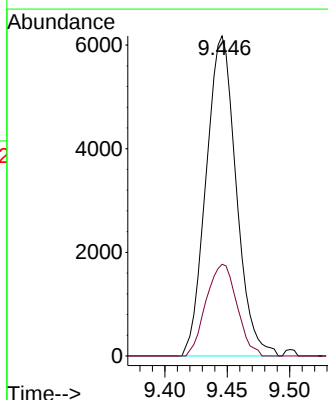
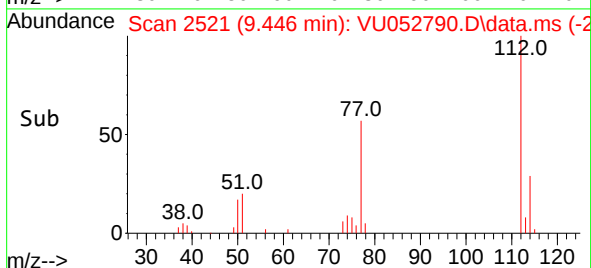
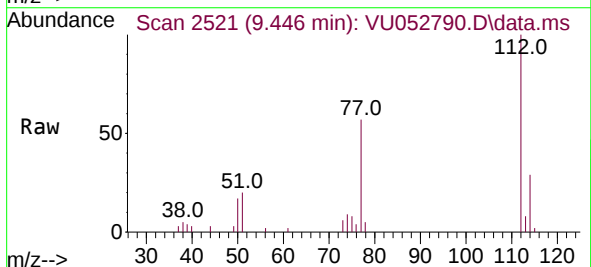


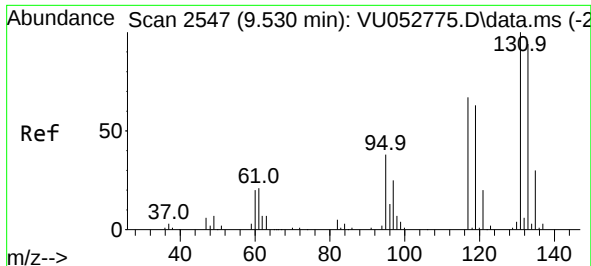
Tgt Ion:164 Resp: 4152
Ion Ratio Lower Upper
164 100
166 125.6 101.5 152.3
129 90.3 75.2 112.8
131 75.5 72.2 108.2



#59
Chlorobenzene
Concen: 0.441 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion:112 Resp: 10382
Ion Ratio Lower Upper
112 100
114 28.6 25.2 37.8

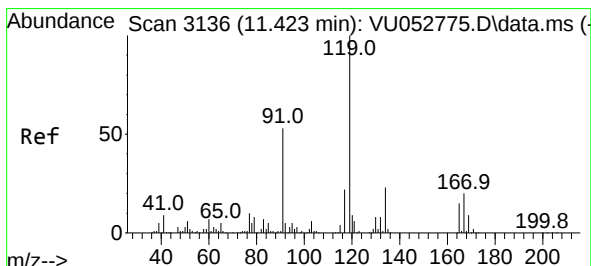
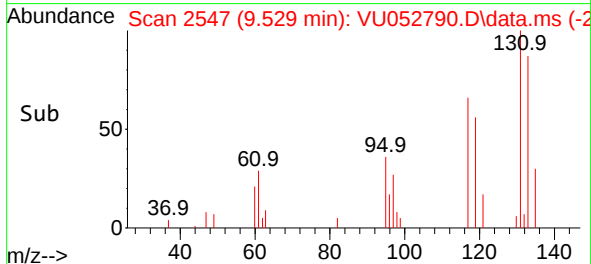
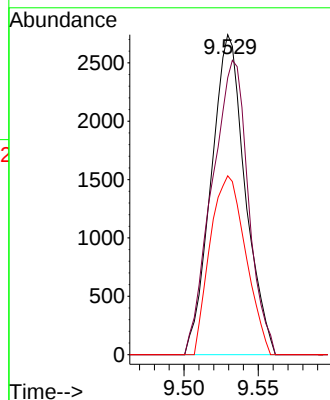
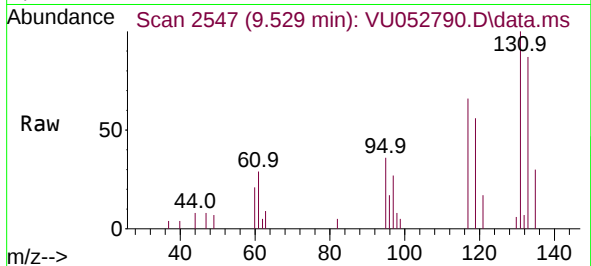




#60
1,1,1,2-Tetrachloroethane
Concen: 0.480 ug/l
RT: 9.529 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

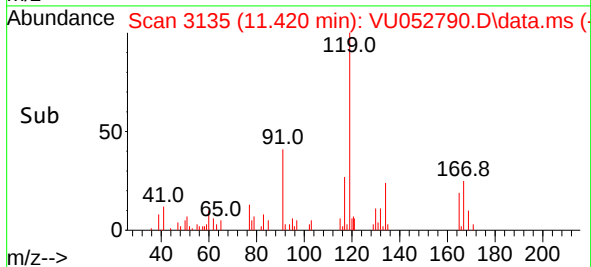
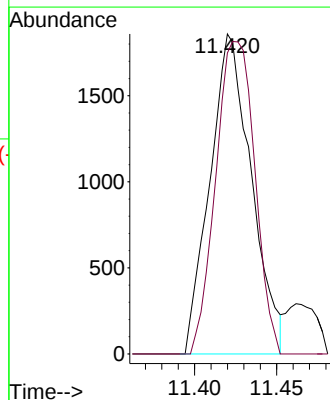
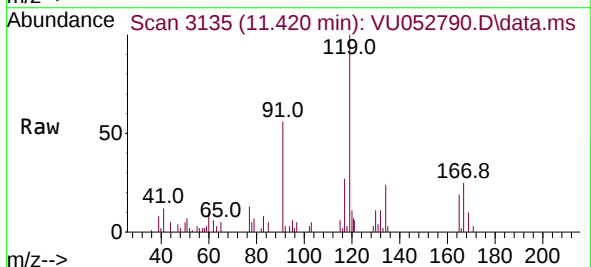
Instrument :
MSVOA_U
ClientSampleId :

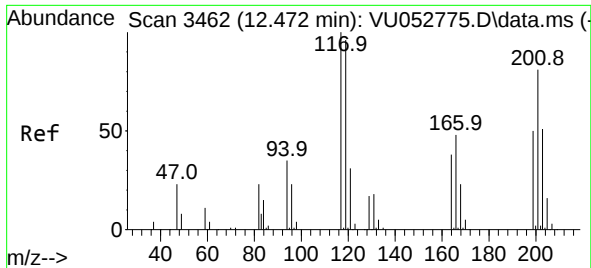
Tgt Ion:131 Resp: 4371
Ion Ratio Lower Upper
131 100
133 98.1 77.2 115.8
119 58.3 50.8 76.2



#61
Pentachloroethane
Concen: 0.437 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

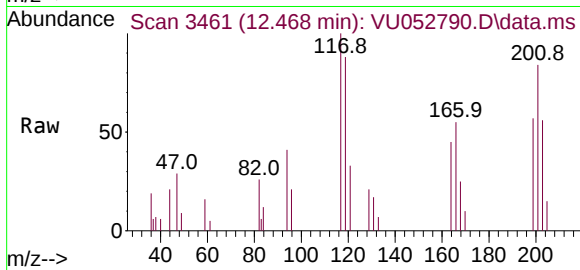
Tgt Ion:117 Resp: 3259
Ion Ratio Lower Upper
117 100
167 92.1 66.8 100.2



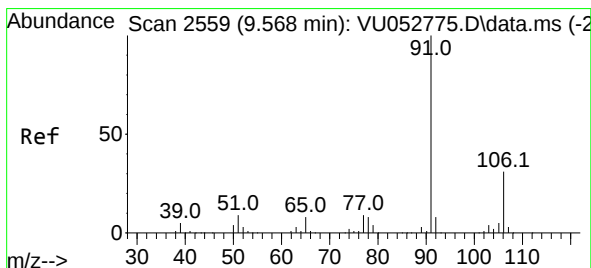
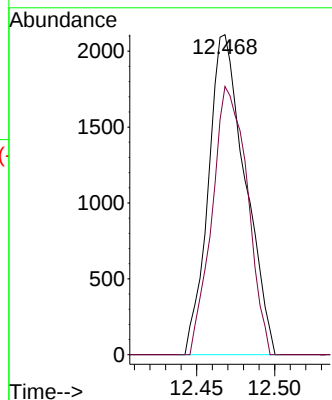
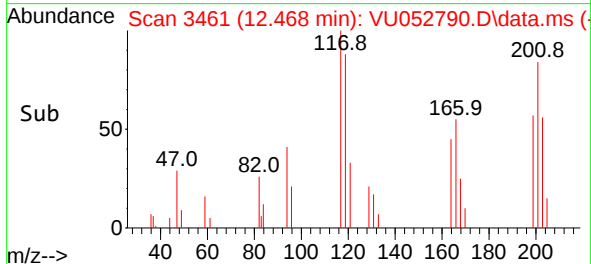


#62
Hexachloroethane
Concen: 0.461 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :

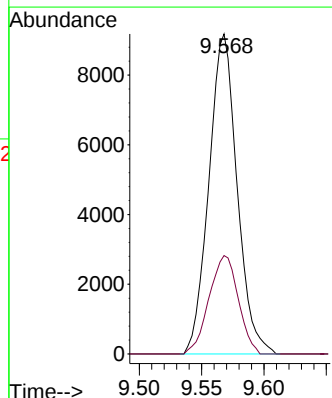
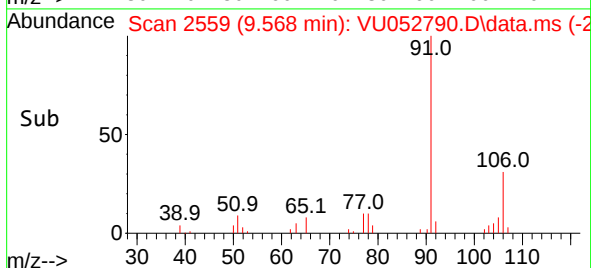
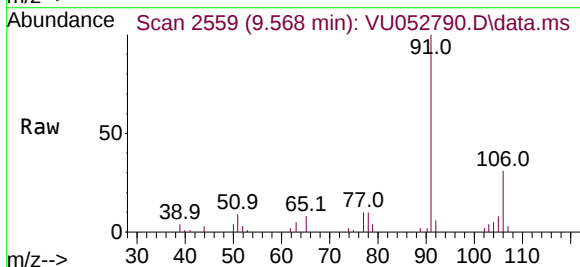


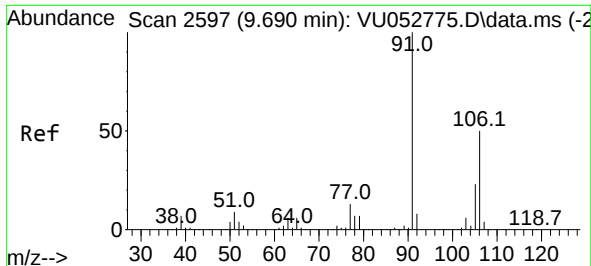
Tgt Ion:117 Resp: 3471
Ion Ratio Lower Upper
117 100
201 80.1 64.6 97.0



#63
Ethyl Benzene
Concen: 0.380 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 91 Resp: 14468
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7

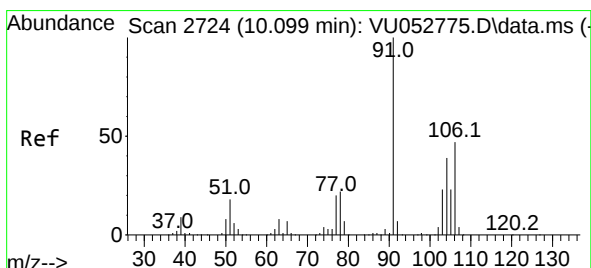
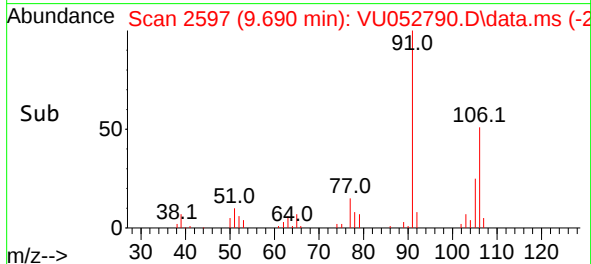
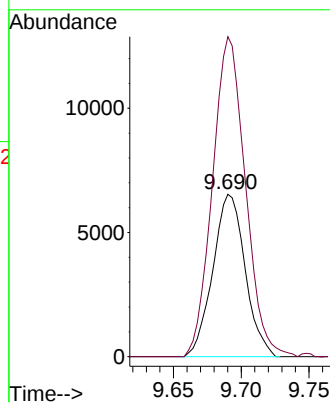
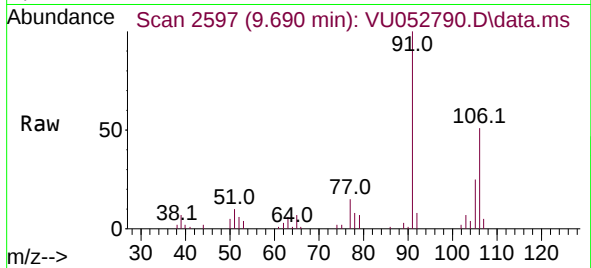




#64
m/p-Xylenes
Concen: 0.712 ug/l
RT: 9.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

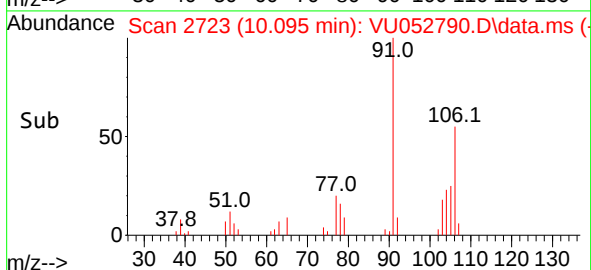
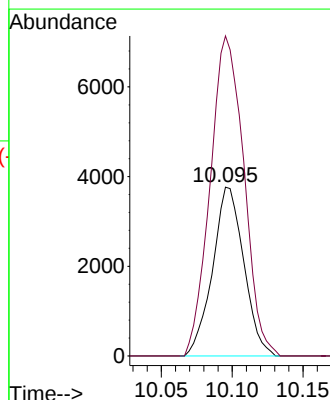
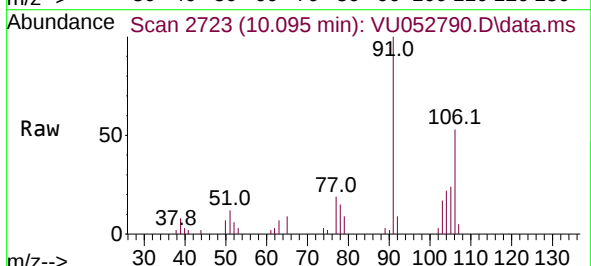
Instrument :
MSVOA_U
ClientSampleId :

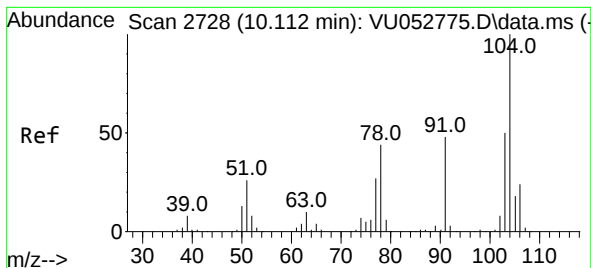
Tgt Ion:106 Resp: 10816
Ion Ratio Lower Upper
106 100
91 200.7 158.7 238.1



#65
o-Xylene
Concen: 0.394 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.004 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion:106 Resp: 5772
Ion Ratio Lower Upper
106 100
91 204.3 105.6 316.8





#66

Styrene

Concen: 0.707 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. -0.001 min

Lab File: VU052790.D

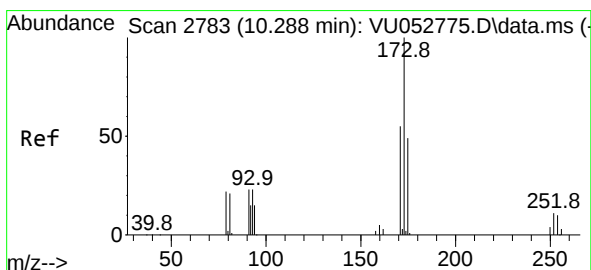
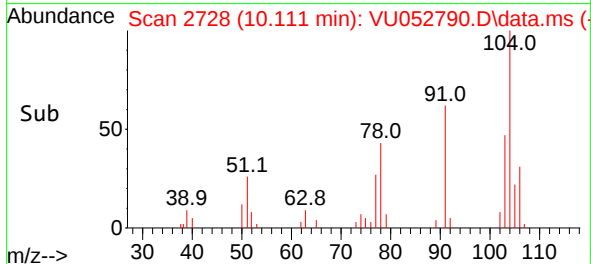
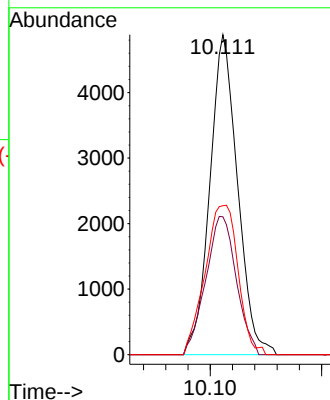
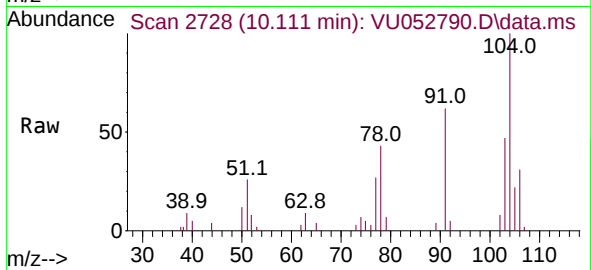
Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	104	Resp:	8438
Ion Ratio	Lower	Upper	
104	100		
78	47.6	39.6	59.4
103	55.6	42.9	64.3



#67

Bromoform

Concen: 0.438 ug/l

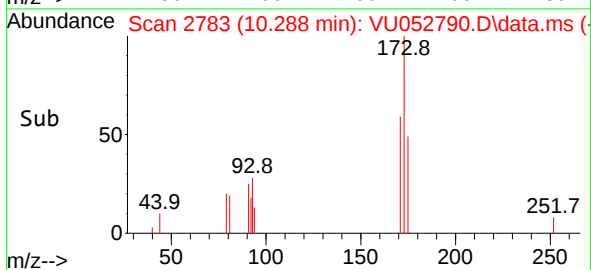
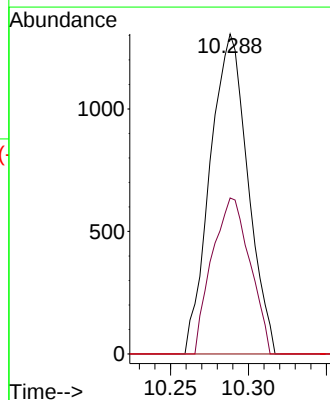
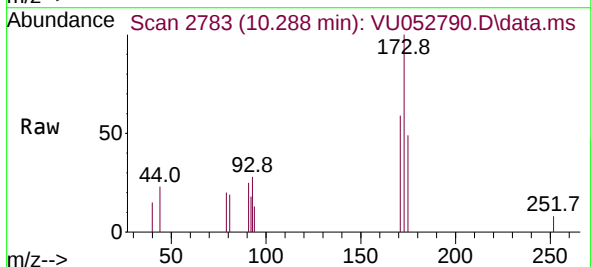
RT: 10.288 min Scan# 2783

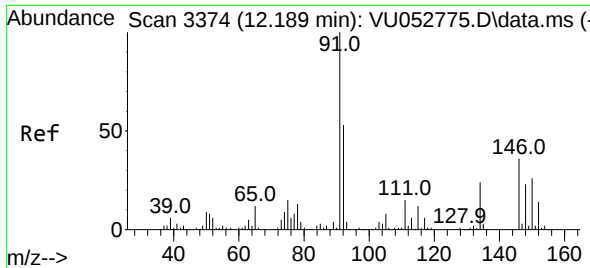
Delta R.T. -0.000 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Tgt Ion:	173	Resp:	2197
Ion Ratio	Lower	Upper	
173	100		
175	48.9	39.5	59.3
254	0.0	8.0	12.0#

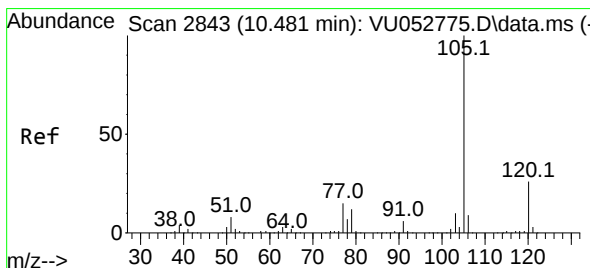
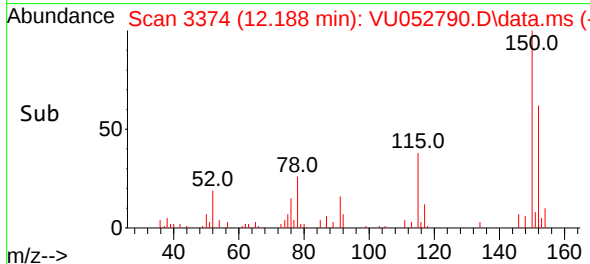
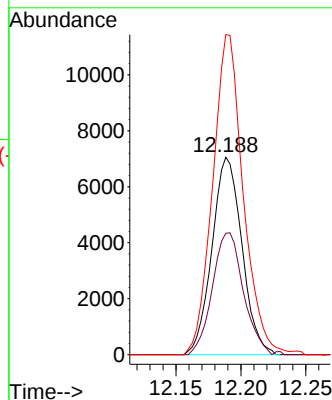
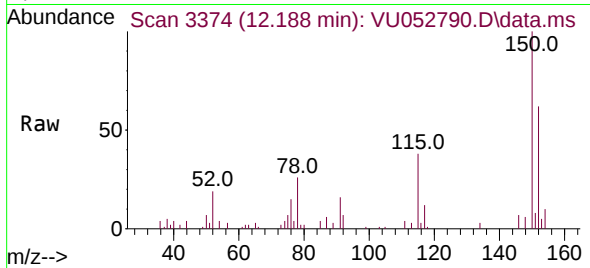




#68
1,2-Dichlorobenzene-d4
Concen: 0.986 ug/l
RT: 12.188 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

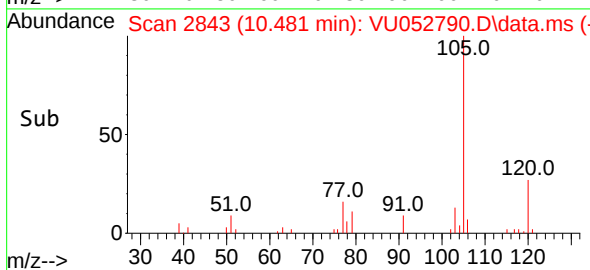
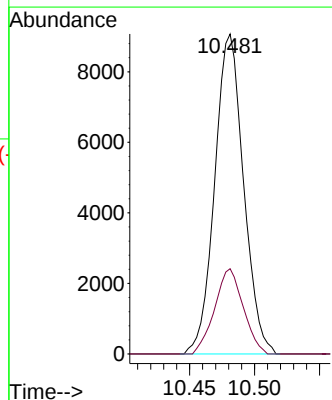
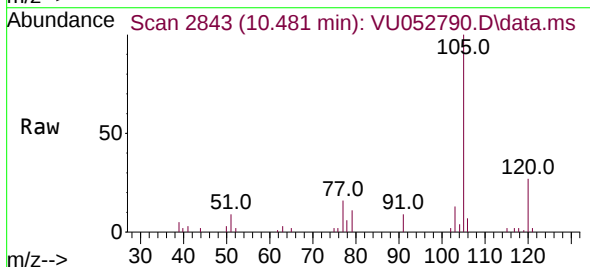
Instrument :
MSVOA_U
ClientSampleId :

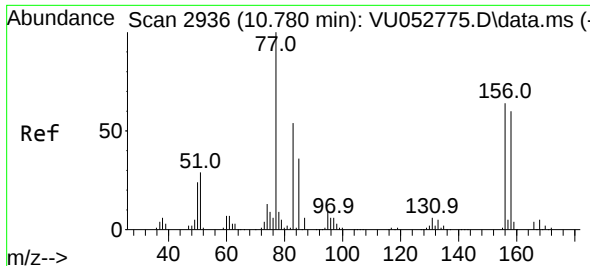
Tgt Ion:152 Resp: 11318
Ion Ratio Lower Upper
152 100
115 63.7 0.0 262.6
150 165.8 0.0 638.0



#69
Isopropylbenzene
Concen: 0.375 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion:105 Resp: 13986
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

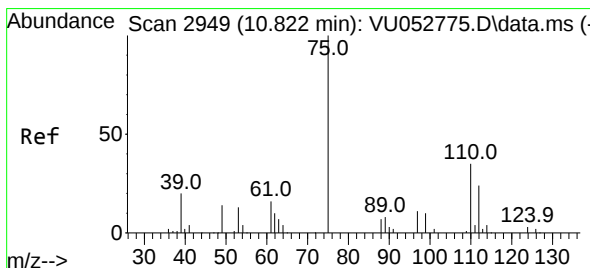
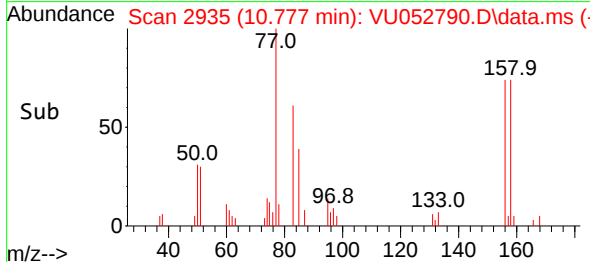
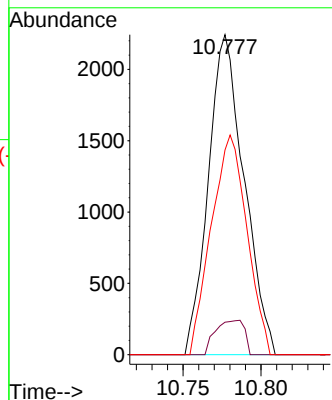
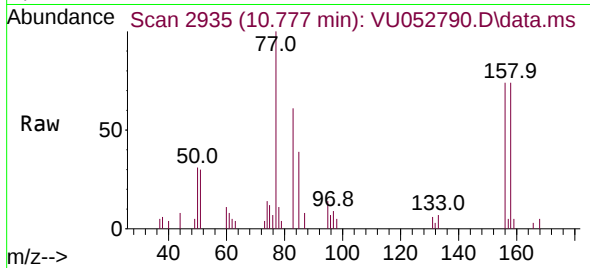




#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.441 ug/l
 RT: 10.777 min Scan# 2935
 Delta R.T. -0.003 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

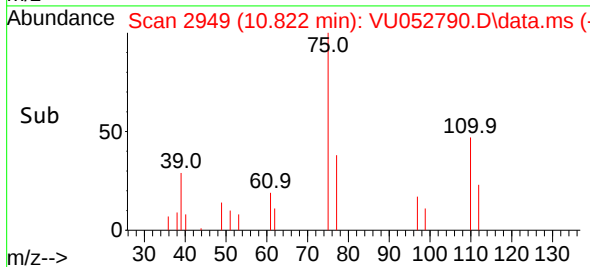
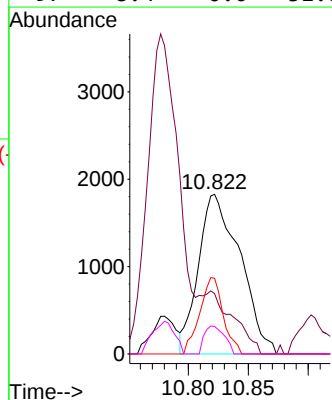
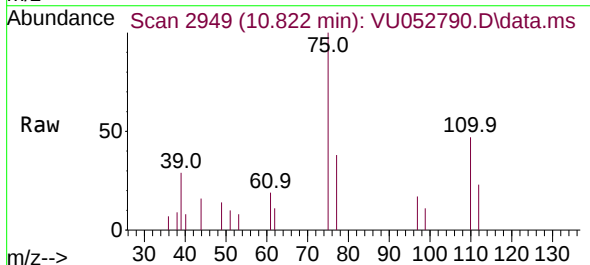
Instrument :
 MSVOA_U
 ClientSampleId :

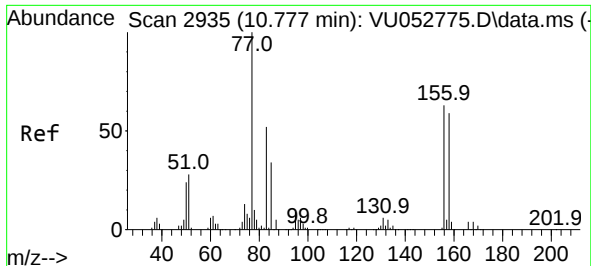
Tgt Ion: 83 Resp: 3575
 Ion Ratio Lower Upper
 83 100
 131 8.7 8.6 13.0
 85 68.4 52.6 78.8



#71
 1,2,3-Trichloropropane
 Concen: 0.630 ug/l
 RT: 10.822 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

Tgt Ion: 75 Resp: 4418
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 86.0
 110 26.8 0.0 63.8
 97 8.4 0.0 31.8

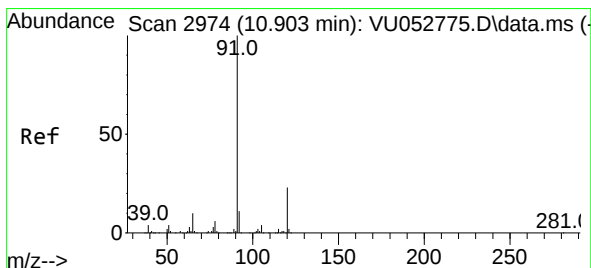
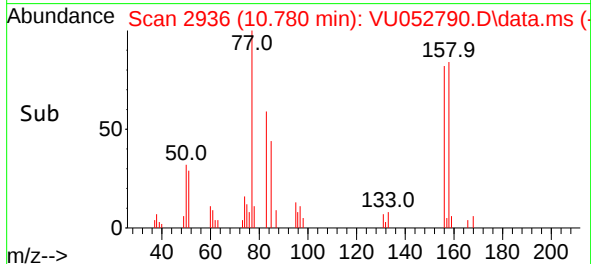
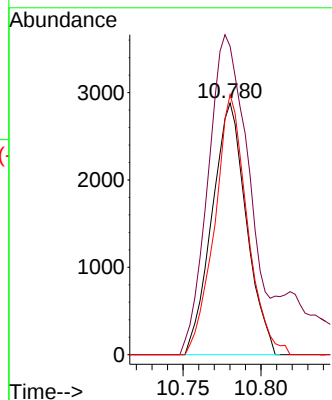
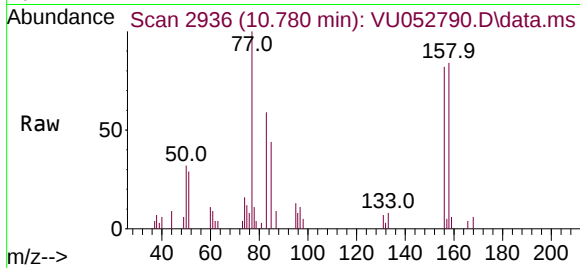




#72
Bromobenzene
Concen: 0.467 ug/l
RT: 10.780 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

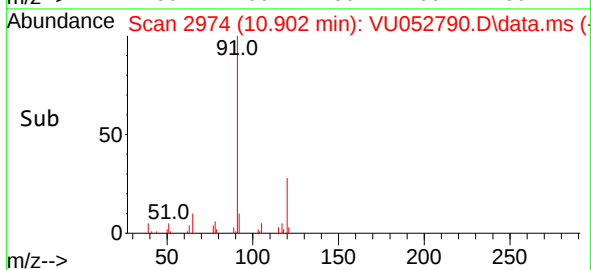
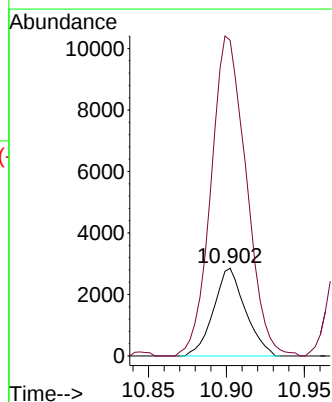
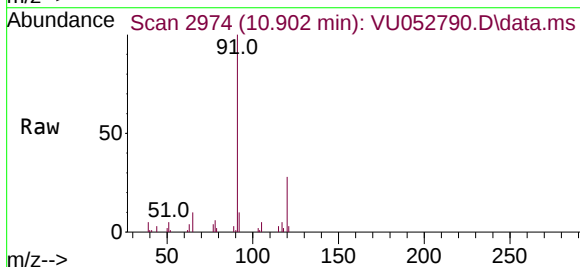
Instrument :
MSVOA_U
ClientSampleId :

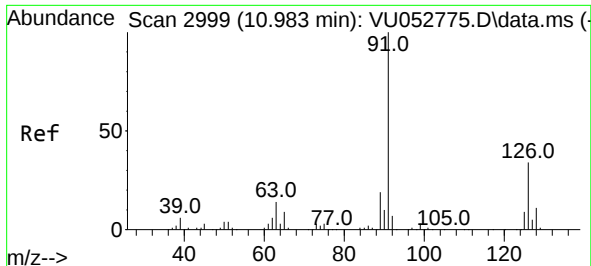
Tgt Ion:156 Resp: 4422
Ion Ratio Lower Upper
156 100
77 154.9 0.0 321.2
158 97.7 0.0 192.0



#73
n-propylbenzene
Concen: 0.748 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.001 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion:120 Resp: 4045
Ion Ratio Lower Upper
120 100
91 404.3 348.0 522.0

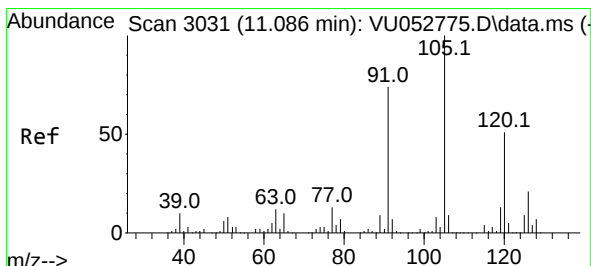
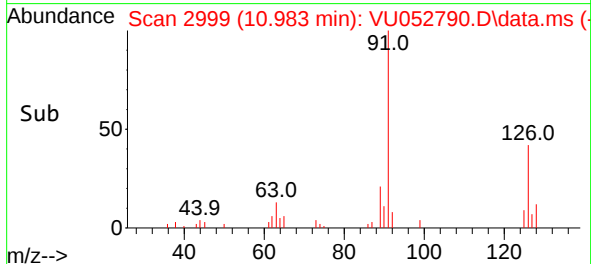
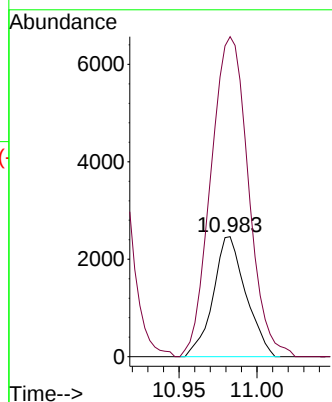
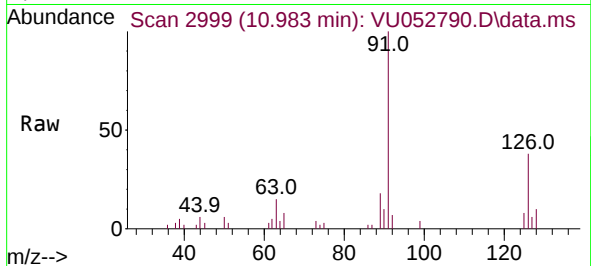




#74
2-Chlorotoluene
Concen: 0.381 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

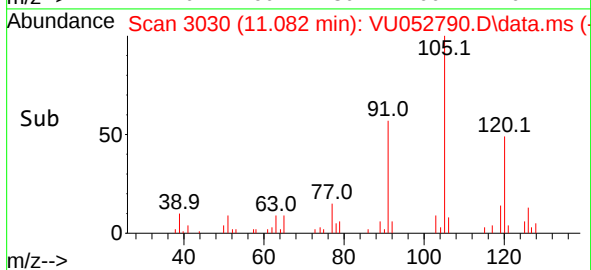
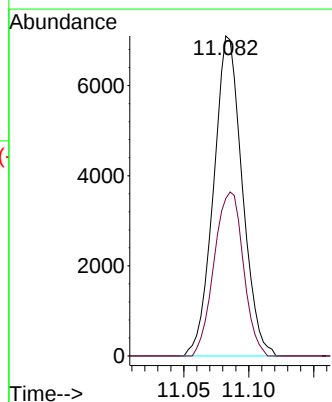
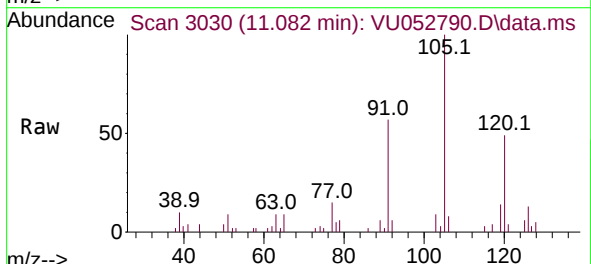
Instrument :
MSVOA_U
ClientSampleId :

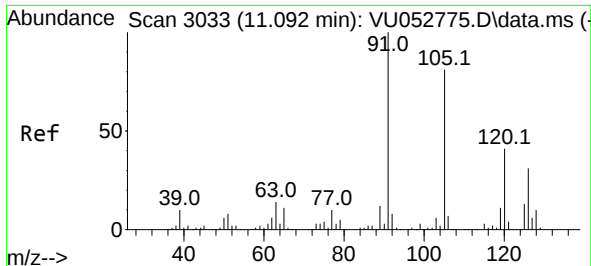
Tgt Ion:126 Resp: 3590
Ion Ratio Lower Upper
126 100
91 306.1 0.0 588.6



#75
1,3,5-Trimethylbenzene
Concen: 0.692 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.004 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion:105 Resp: 10867
Ion Ratio Lower Upper
105 100
120 52.3 39.9 59.9

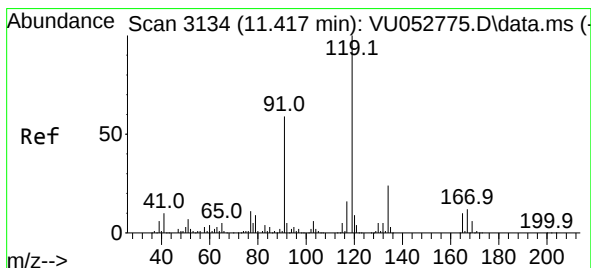
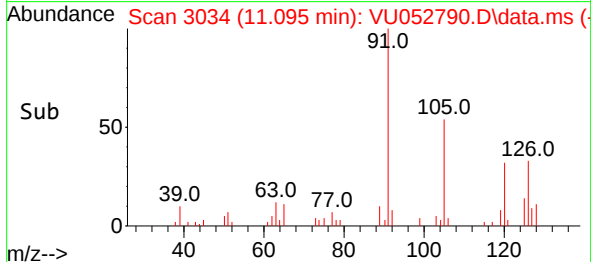
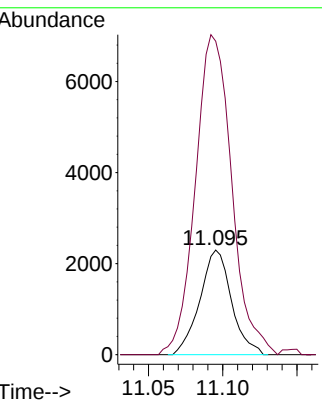
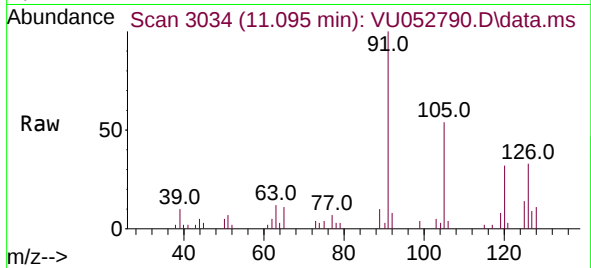




#76
4-Chlorotoluene
Concen: 0.352 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

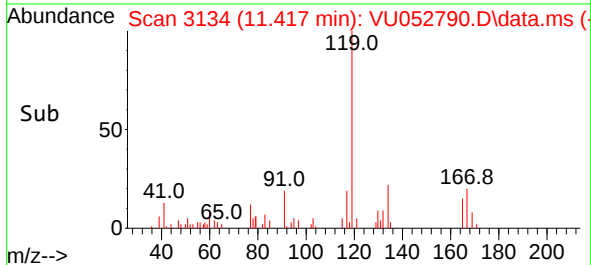
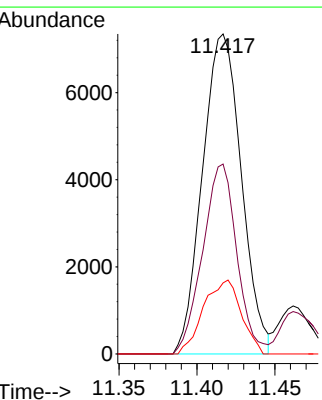
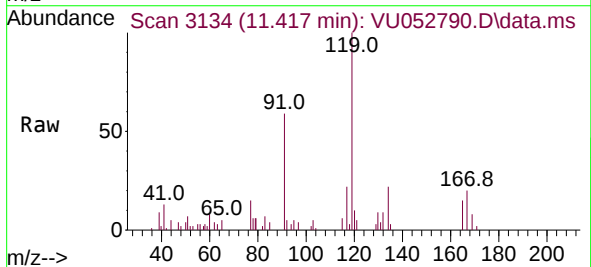
Instrument :
MSVOA_U
ClientSampleId :

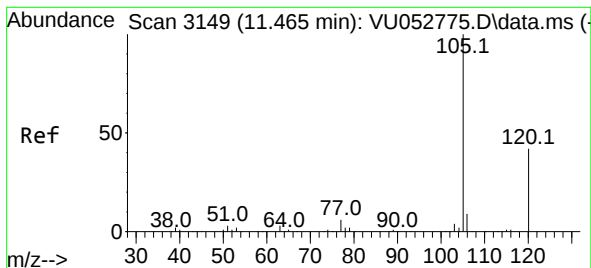
Tgt Ion:126 Resp: 3403
Ion Ratio Lower Upper
126 100
91 350.7 0.0 661.8



#77
tert-Butylbenzene
Concen: 0.393 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion:119 Resp: 12749
Ion Ratio Lower Upper
119 100
91 52.2 28.4 85.3
134 22.4 18.6 27.8





#78

1,2,4-Trimethylbenzene

Concen: 0.729 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

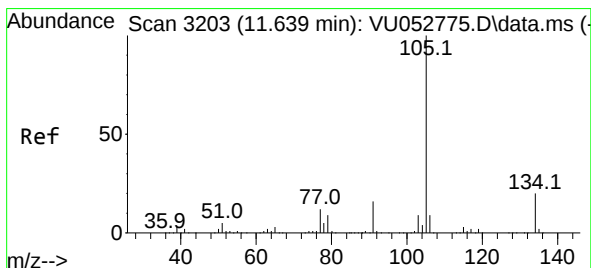
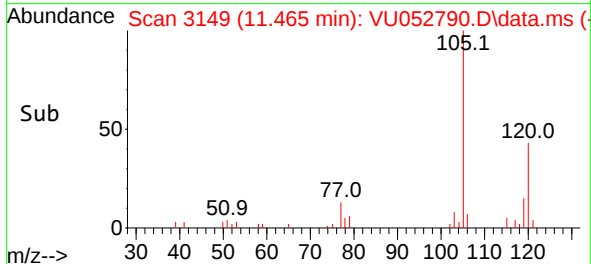
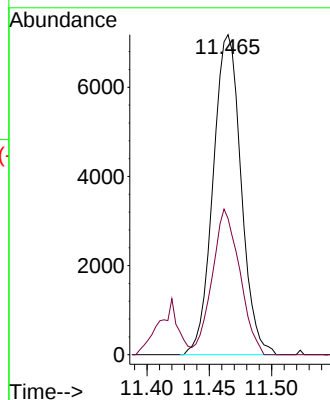
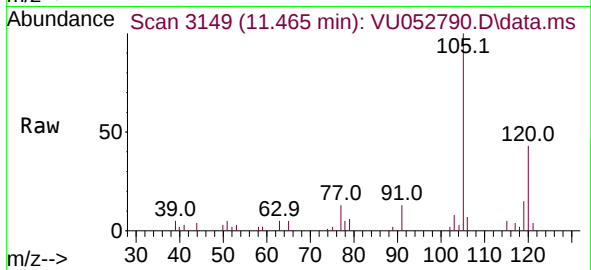
ClientSampleId :

Tgt Ion:105 Resp: 11240

Ion Ratio Lower Upper

105 100

120 44.7 23.4 70.3



#79

sec-Butylbenzene

Concen: 0.710 ug/l

RT: 11.639 min Scan# 3203

Delta R.T. -0.000 min

Lab File: VU052790.D

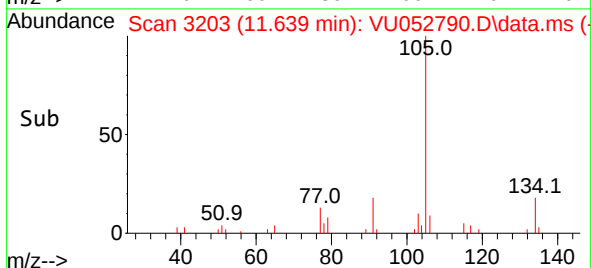
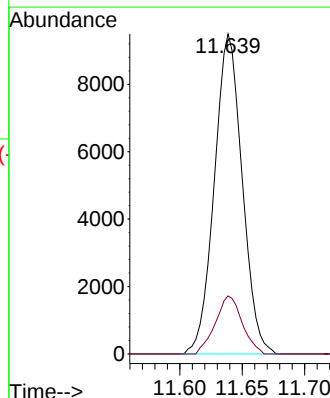
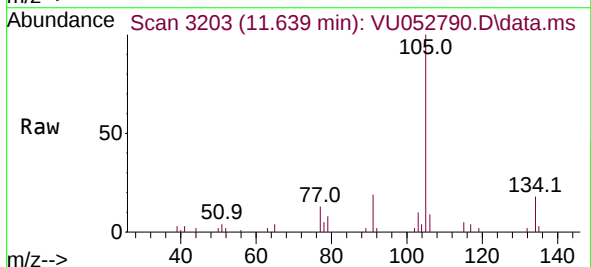
Acq: 24 Jan 2023 14:35

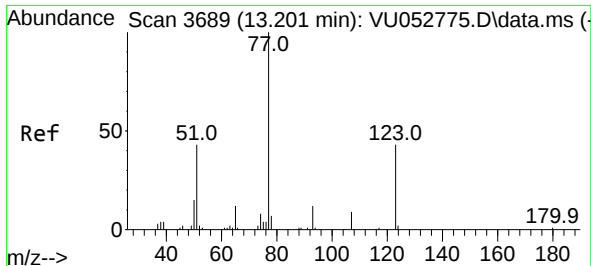
Tgt Ion:105 Resp: 14747

Ion Ratio Lower Upper

105 100

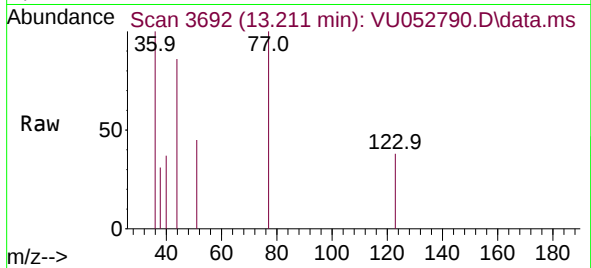
134 17.5 16.5 24.7



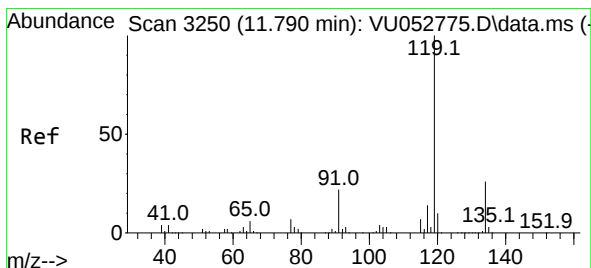
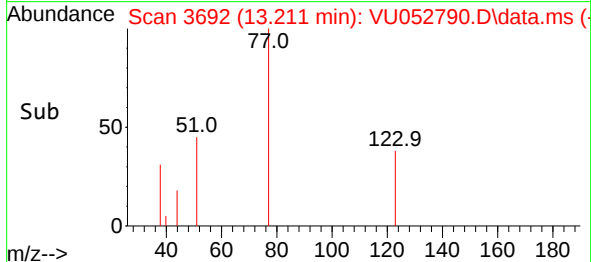
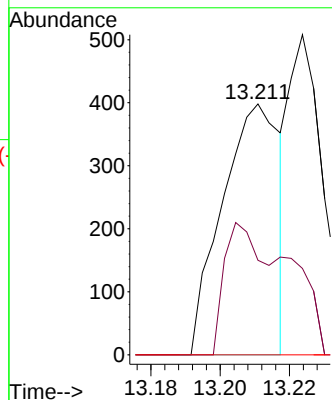


#80
Nitrobenzene
Concen: 0.915 ug/l
RT: 13.211 min Scan# 30
Delta R.T. 0.010 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Instrument :
MSVOA_U
ClientSampleId :

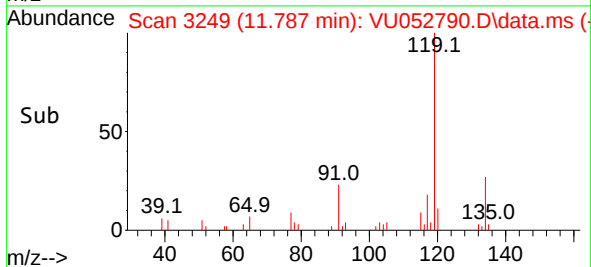
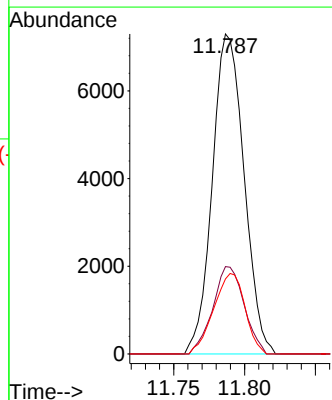
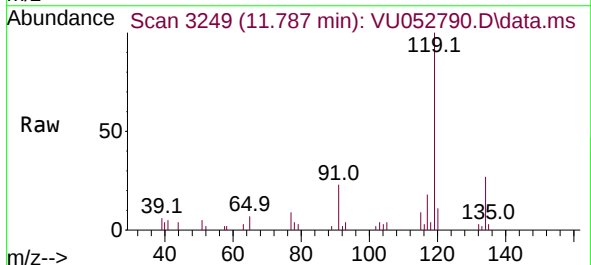


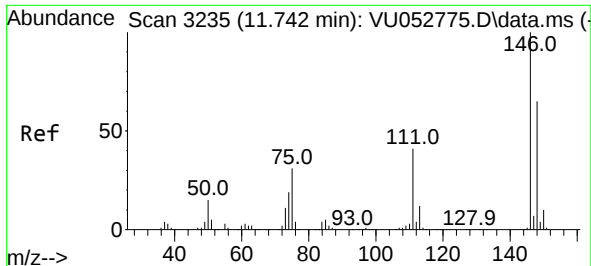
Tgt Ion: 77 Resp: 459
Ion Ratio Lower Upper
77 100
123 35.7 18.8 66.8
65 0.0 10.1 12.9#



#81
p-Isopropyltoluene
Concen: 0.732 ug/l
RT: 11.787 min Scan# 3249
Delta R.T. -0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion: 119 Resp: 11359
Ion Ratio Lower Upper
119 100
134 27.0 20.7 31.1
91 24.8 17.6 26.4





#82

1,3-Dichlorobenzene

Concen: 0.431 ug/l

RT: 11.741 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

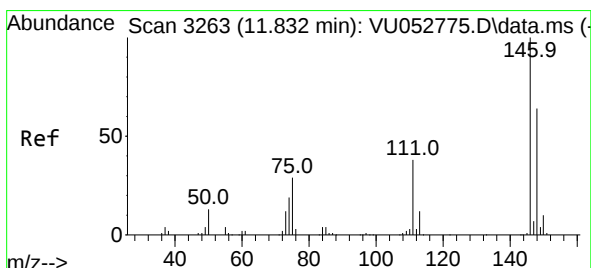
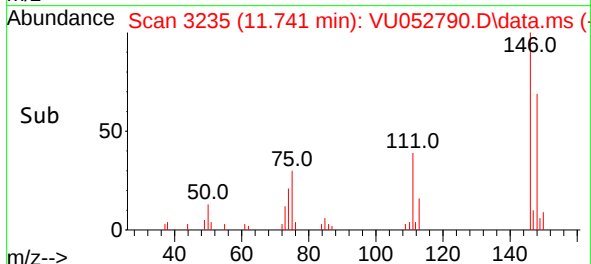
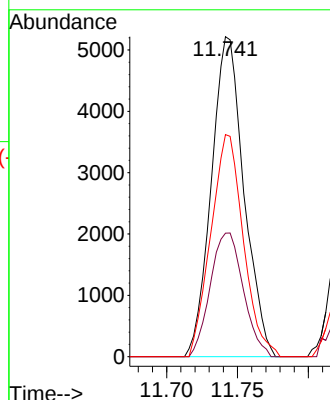
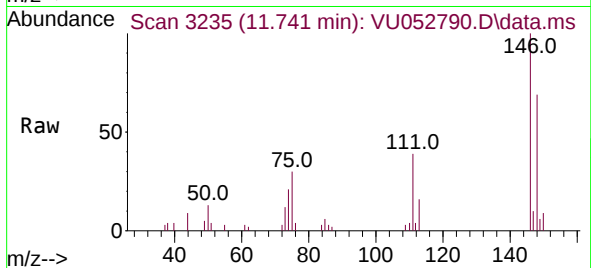
Tgt Ion:146 Resp: 8331

Ion Ratio Lower Upper

146 100

111 39.2 32.6 48.8

148 69.2 51.9 77.9



#83

1,4-Dichlorobenzene

Concen: 0.423 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

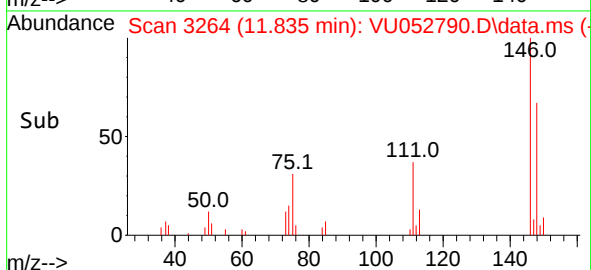
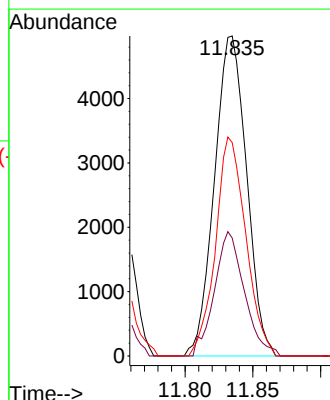
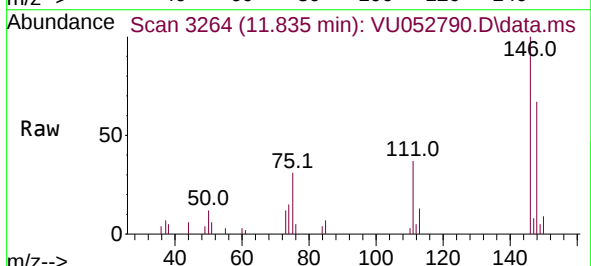
Tgt Ion:146 Resp: 8210

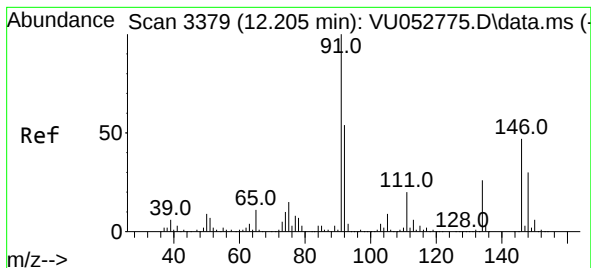
Ion Ratio Lower Upper

146 100

111 36.2 29.5 44.3

148 64.4 51.4 77.0





#84

n-Butylbenzene

Concen: 0.807 ug/l

RT: 12.204 min Scan# 3379

Delta R.T. -0.001 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :

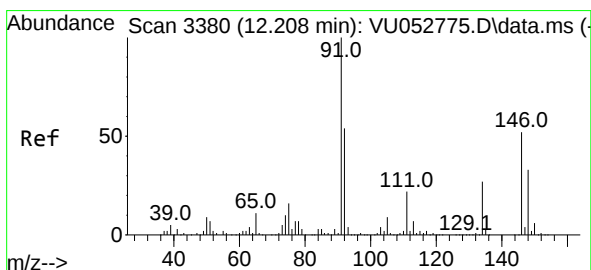
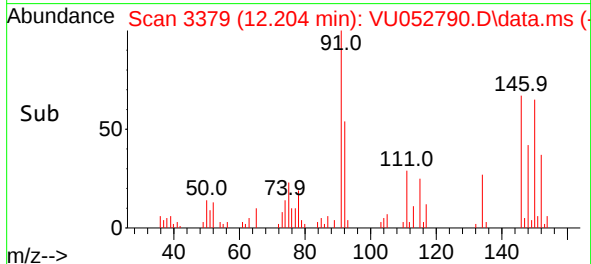
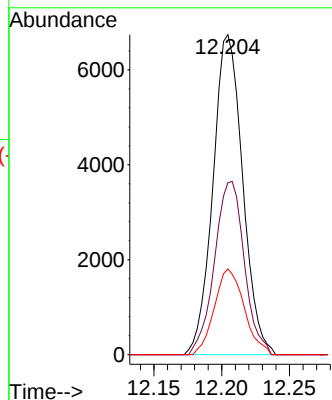
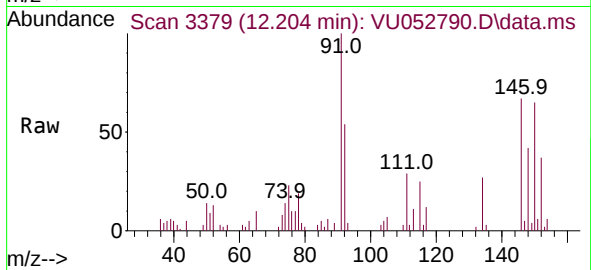
Tgt Ion: 91 Resp: 10275

Ion Ratio Lower Upper

91 100

92 54.4 43.4 65.0

134 26.9 21.2 31.8



#85

1,2-Dichlorobenzene

Concen: 0.438 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

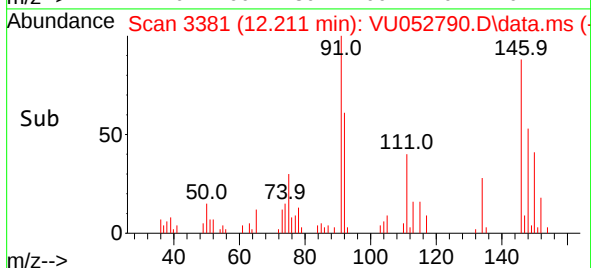
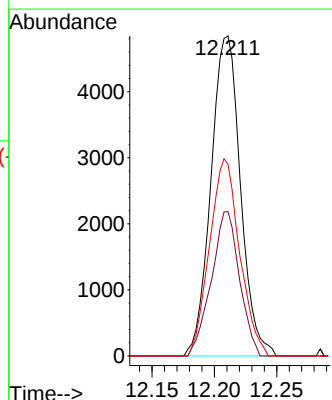
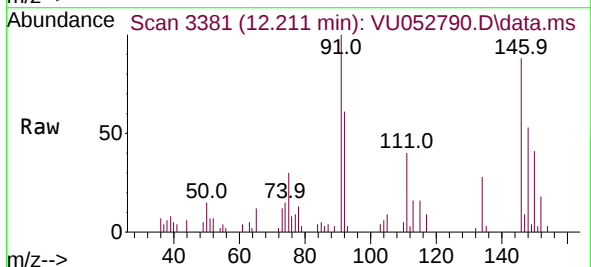
Tgt Ion:146 Resp: 7995

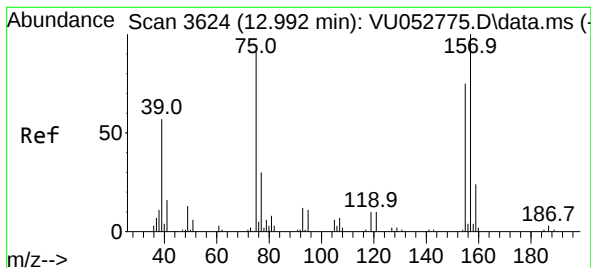
Ion Ratio Lower Upper

146 100

111 42.9 20.8 62.5

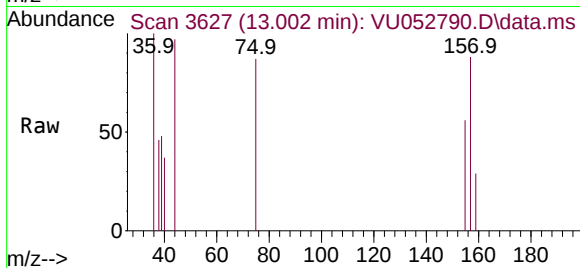
148 62.7 31.4 94.2



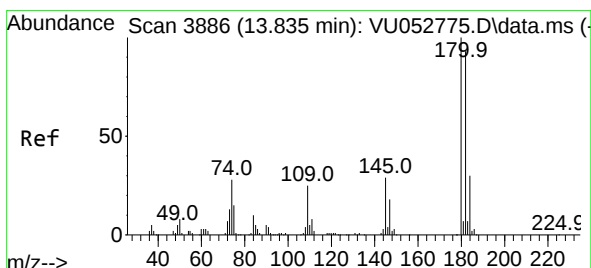
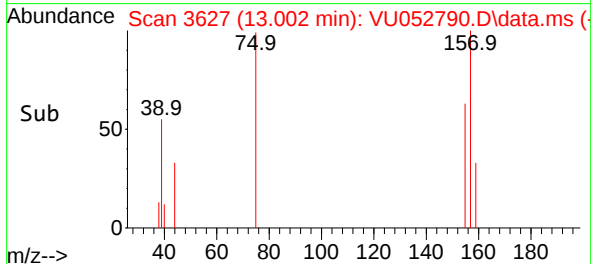
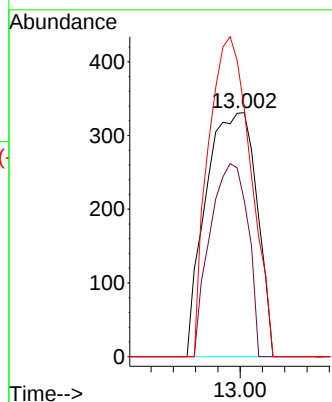


#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.348 ug/l
 RT: 13.002 min Scan# 3627
 Delta R.T. 0.009 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

Instrument :
 MSVOA_U
 ClientSampleId :

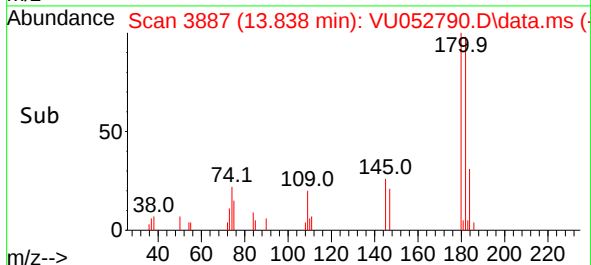
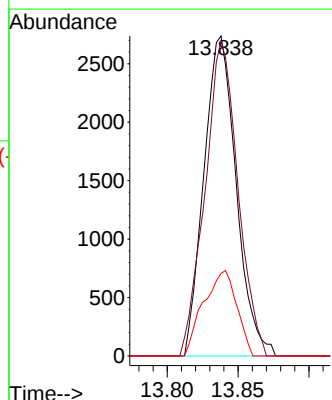
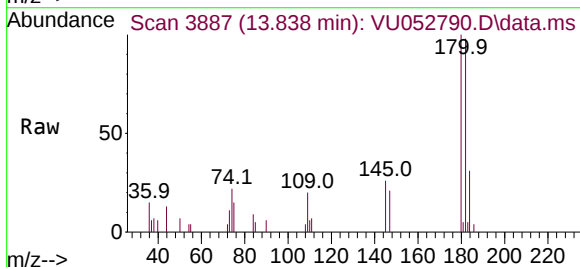


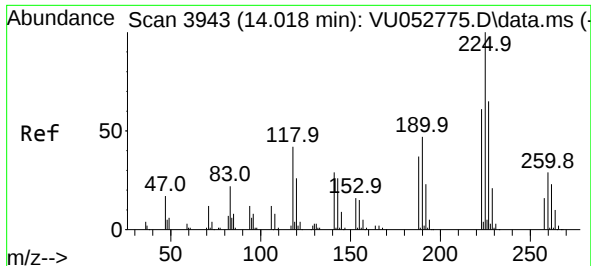
Tgt Ion: 75 Resp: 523
 Ion Ratio Lower Upper
 75 100
 155 58.9 66.0 99.0#
 157 109.2 85.9 128.9



#87
 1,2,4-Trichlorobenzene
 Concen: 0.397 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU052790.D
 Acq: 24 Jan 2023 14:35

Tgt Ion: 180 Resp: 4345
 Ion Ratio Lower Upper
 180 100
 182 100.0 74.6 112.0
 145 27.3 23.4 35.0

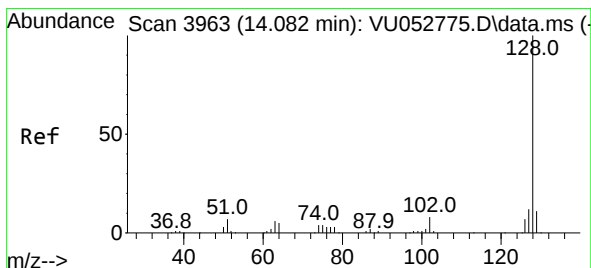
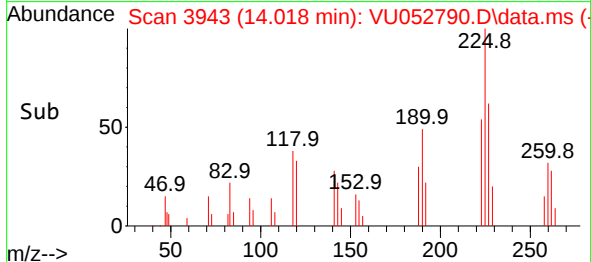
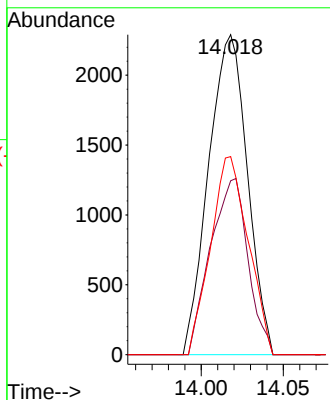
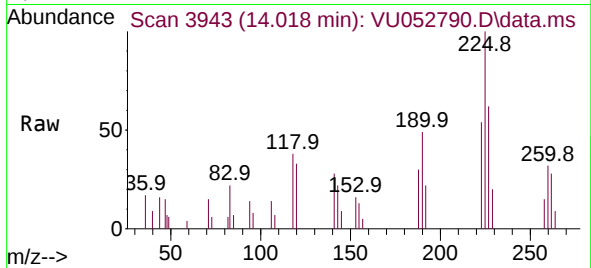




#88
Hexachlorobutadiene
Concen: 0.490 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

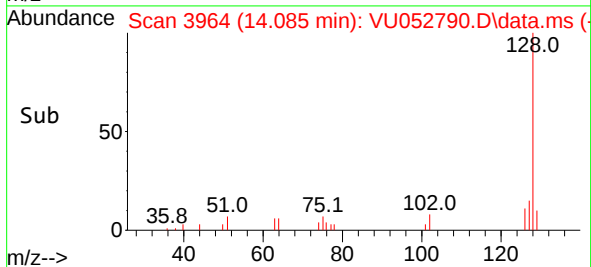
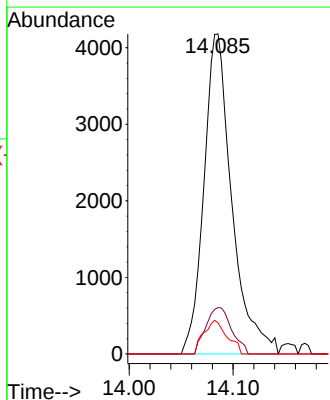
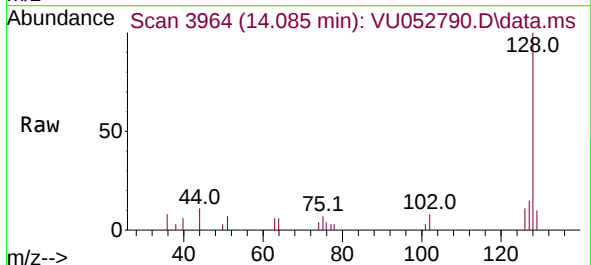
Instrument :
MSVOA_U
ClientSampleId :

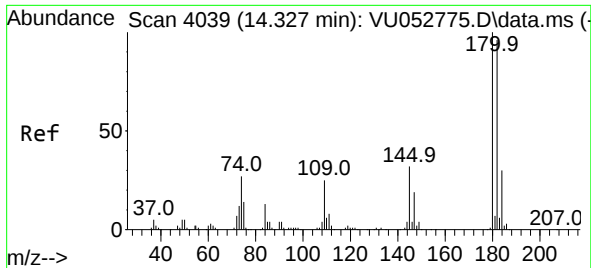
Tgt Ion:225 Resp: 3762
Ion Ratio Lower Upper
225 100
223 53.1 49.8 74.6
227 60.0 51.5 77.3



#89
Naphthalene
Concen: 0.368 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU052790.D
Acq: 24 Jan 2023 14:35

Tgt Ion:128 Resp: 7806
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 8.8 8.6 12.8





#90

1,2,3-Trichlorobenzene

Concen: 0.397 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

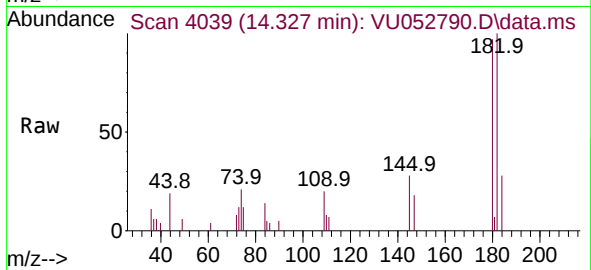
Lab File: VU052790.D

Acq: 24 Jan 2023 14:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4122

Ion Ratio Lower Upper

180 100

182 106.5 77.8 116.6

145 27.2 25.2 37.8

