

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052772.D
 Acq On : 23 Jan 2023 11:52
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 04:33:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	42907	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	13661	0.891	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	13783	0.757	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	12658	0.831	ug/l	95
3) Chloromethane	1.520	50	13066	0.788	ug/l	98
4) Vinyl Chloride	1.604	62	12129	0.814	ug/l	99
5) Bromomethane	1.858	94	6141	0.671	ug/l	94
6) Chloroethane	1.932	64	6593	0.719	ug/l	98
7) Trichlorofluoromethane	2.137	101	17181	0.853	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	9262	0.805	ug/l	100
9) 1,1-Dichloroethene	2.578	96	8531	0.749	ug/l	95
10) Iodomethane	2.719	142	8659	1.002	ug/l	89
11) Allyl Chloride	2.922	41	10384	0.675	ug/l	95
12) Acrylonitrile	3.321	53	3675	1.301	ug/l	98
13) Acetone	2.639	43	13435	5.519	ug/l	90
14) Carbon Disulfide	2.790	76	30502	0.838	ug/l	99
15) Methylene Chloride	3.041	84	11347	0.628	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	9660	0.771	ug/l	93
17) 1,1-Dichloroethane	3.864	63	16549	0.804	ug/l	97
18) 2-Butanone	4.723	43	15143	4.825	ug/l	99
19) Cyclohexane	5.382	56	13542	0.860	ug/l	93
20) Methylcyclohexane	6.755	83	15492	0.870	ug/l	96
21) 2,2-Dichloropropane	4.661	77	15719	0.919	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	10215	0.798	ug/l	96
23) Diethyl Ether	2.375	59	6304	0.745	ug/l	95
24) tert-Butyl Alcohol	3.234	59	4208	4.576	ug/l #	27
25) Methyl tert-Butyl Ether	3.366	73	20402	0.728	ug/l	99
26) Bromochloromethane	4.973	128	4990	0.789	ug/l	86
27) Chloroform	5.083	83	18167	0.831	ug/l	96
28) 1,1,1-Trichloroethane	5.311	97	16143	0.861	ug/l	98
29) 1,1-Dichloropropene	5.523	75	13758	0.872	ug/l	98
30) Carbon Tetrachloride	5.520	117	14670	0.890	ug/l	94
31) Isopropyl Ether	3.996	45	23758	0.835	ug/l	99
32) Ethyl-t-butyl ether	4.507	59	21875	0.795	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	19031	0.768	ug/l	99
34) Propionitrile	4.793	54	3468	3.590	ug/l #	8
35) Benzene	5.767	78	39847	0.845	ug/l	99
36) 1,2-Dichloroethane	5.793	62	12036	0.865	ug/l	97
37) Trichloroethene	6.539	130	10462	0.770	ug/l	92
38) 1,2-Dichloropropane	6.787	63	10331	0.861	ug/l	93
39) Methacrylonitrile	4.976	41	2945	0.850	ug/l	96
40) Methyl acrylate	4.848	55	4771	0.829	ug/l #	96
41) Tetrahydrofuran	5.067	42	2956	1.531	ug/l #	85
42) 1-Chlorobutane	5.456	56	17279	0.854	ug/l	94
43) Dibromomethane	6.919	93	4927	0.730	ug/l	98
44) Bromodichloromethane	7.105	83	13862	0.868	ug/l	97

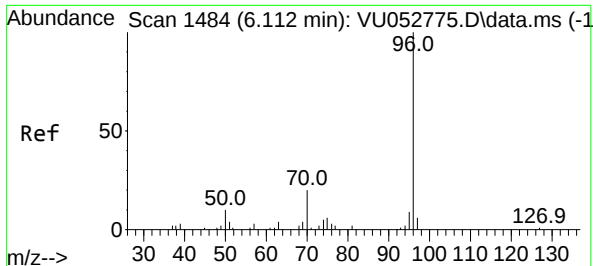
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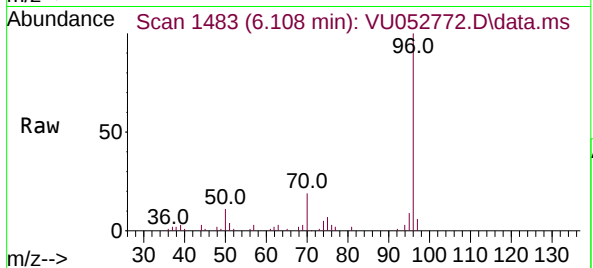
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	25349	3.634	ug/l	97
46) t-1,4-Dichloro-2-butene	10.825	75	10532	3.172	ug/l #	56
47) Methyl methacrylate	6.964	69	8501	1.539	ug/l	100
48) Ethyl methacrylate	8.336	69	7189	0.708	ug/l	98
49) Toluene	7.967	92	23540	0.823	ug/l	97
50) t-1,3-Dichloropropene	8.208	75	11944	0.845	ug/l	96
51) cis-1,3-Dichloropropene	7.603	75	13874	0.852	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	7317	0.764	ug/l	94
53) 1,3-Dichloropropane	8.574	76	12730	0.802	ug/l	96
54) 2-Hexanone	8.687	43	21036	4.065	ug/l	98
55) Dibromochloromethane	8.809	129	9319	0.807	ug/l	95
56) 1,2-Dibromoethane	8.922	107	6998	0.768	ug/l	96
58) Tetrachloroethene	8.549	164	9914	0.815	ug/l	96
59) Chlorobenzene	9.443	112	25361	0.759	ug/l	91
60) 1,1,1,2-Tetrachloroethane	9.529	131	10249	0.858	ug/l	97
61) Pentachloroethane	11.423	117	8493	0.851	ug/l	98
62) Hexachloroethane	12.471	117	8298	0.896	ug/l	97
63) Ethyl Benzene	9.568	91	38389	0.740	ug/l	99
64) m/p-Xylenes	9.690	106	30393	1.468	ug/l	100
65) o-Xylene	10.098	106	14501	0.732	ug/l	99
66) Styrene	10.111	104	22491	0.679	ug/l	98
67) Bromoform	10.288	173	5667	0.786	ug/l #	96
69) Isopropylbenzene	10.481	105	36483	0.708	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.777	83	8756	0.711	ug/l	94
71) 1,2,3-Trichloropropane	10.825	75	10532	1.087	ug/l	83
72) Bromobenzene	10.780	156	10072	0.667	ug/l	98
73) n-propylbenzene	10.902	120	10039	0.686	ug/l	97
74) 2-Chlorotoluene	10.983	126	9826	0.713	ug/l	95
75) 1,3,5-Trimethylbenzene	11.086	105	30863	0.704	ug/l	98
76) 4-Chlorotoluene	11.095	126	9511	0.656	ug/l	97
77) tert-Butylbenzene	11.417	119	32555	0.732	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	30049	0.670	ug/l	99
79) sec-Butylbenzene	11.642	105	40395	0.696	ug/l	98
80) Nitrobenzene	13.208	77	2962	5.857	ug/l #	91
81) p-Isopropyltoluene	11.790	119	32494	0.668	ug/l	95
82) 1,3-Dichlorobenzene	11.742	146	19688	0.646	ug/l	97
83) 1,4-Dichlorobenzene	11.832	146	19661	0.643	ug/l	98
84) n-Butylbenzene	12.205	91	29098	0.635	ug/l	96
85) 1,2-Dichlorobenzene	12.208	146	18683	0.646	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.989	75	1607	0.806	ug/l	91
87) 1,2,4-Trichlorobenzene	13.838	180	10781	0.527	ug/l	99
88) Hexachlorobutadiene	14.018	225	8034	0.651	ug/l	94
89) Naphthalene	14.085	128	25156	0.782	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	10316	0.542	ug/l	95

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

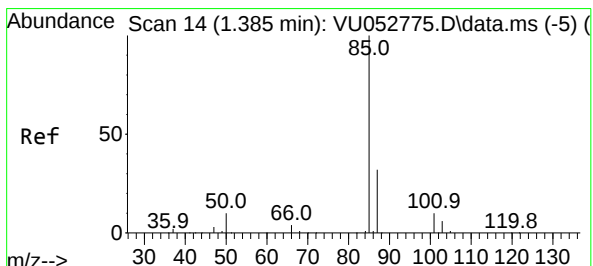
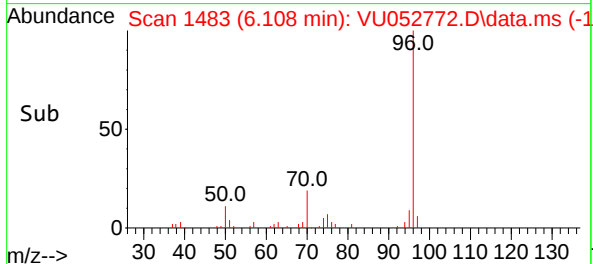
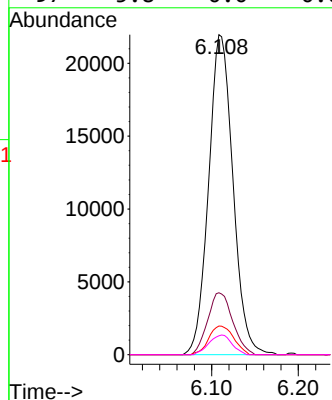


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. -0.004 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :

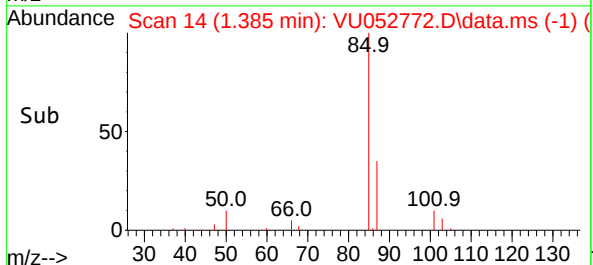
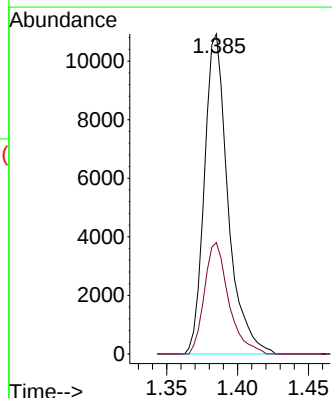
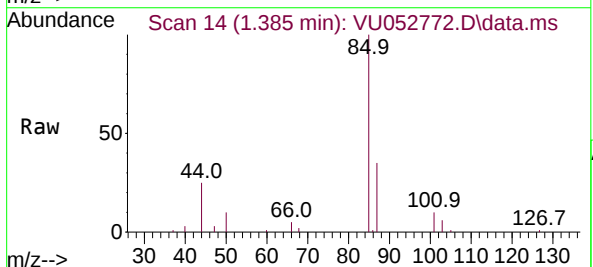


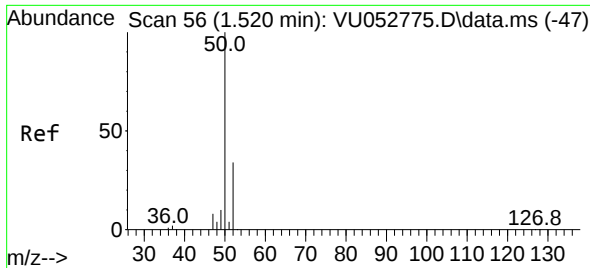
Tgt Ion:	96	Resp:	42907
Ion	Ratio	Lower	Upper
96	100		
70	19.8	16.2	24.4
95	9.2	7.4	11.0
97	5.8	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.831 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:	85	Resp:	12658
Ion	Ratio	Lower	Upper
85	100		
87	34.8	16.1	48.2

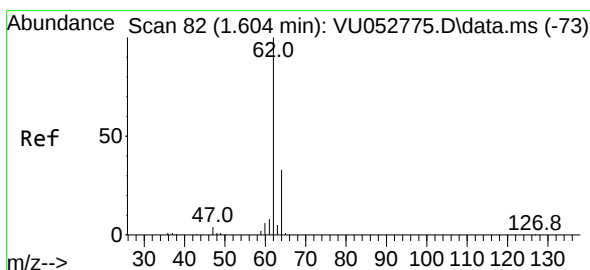
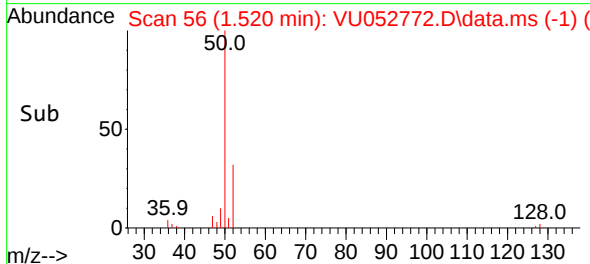
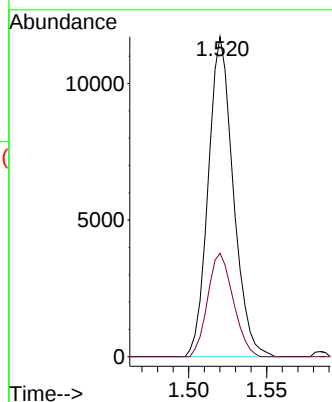
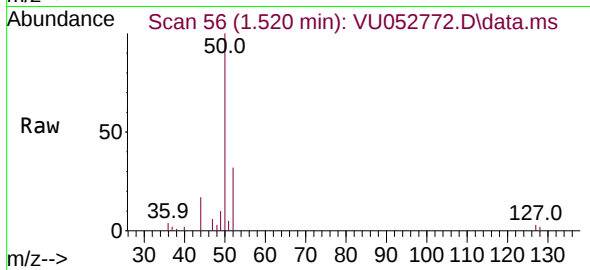




#3
Chloromethane
Concen: 0.788 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

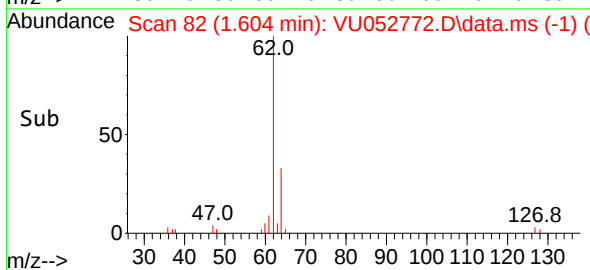
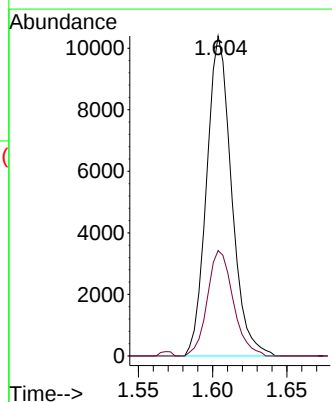
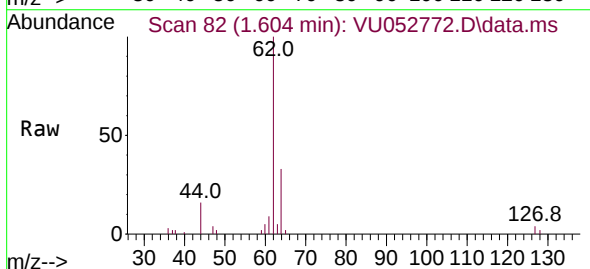
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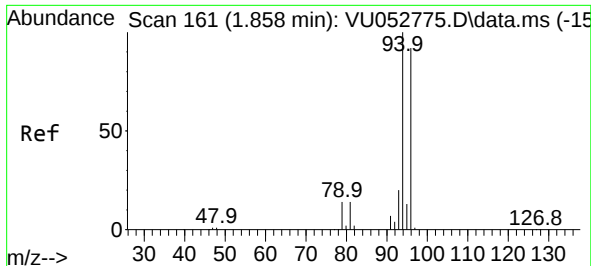
Tgt Ion: 50 Resp: 13066
Ion Ratio Lower Upper
50 100
52 32.3 26.8 40.2



#4
Vinyl Chloride
Concen: 0.814 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 62 Resp: 12129
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0

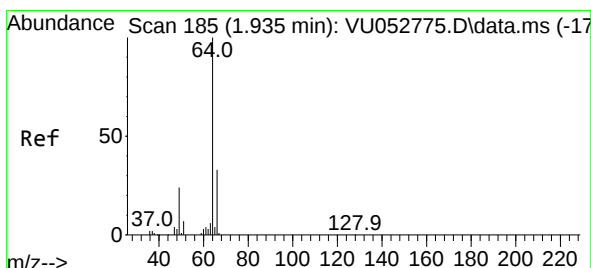
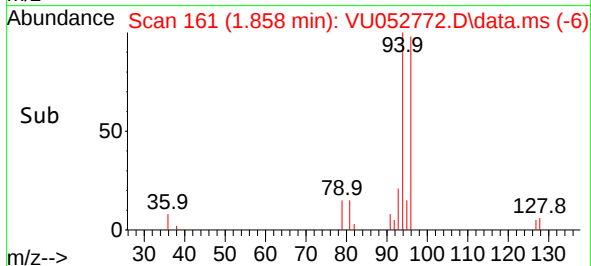
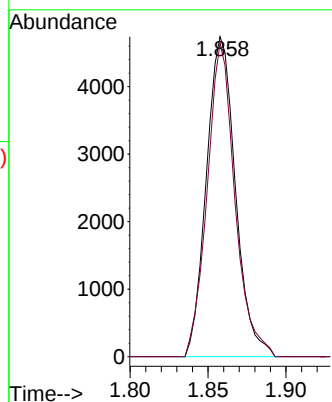
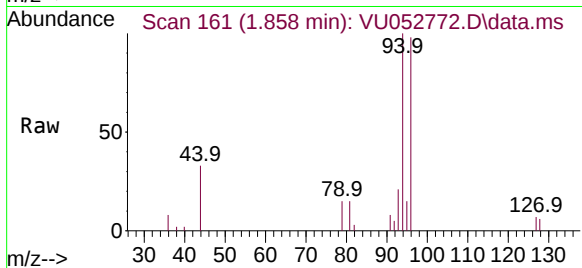




#5
Bromomethane
Concen: 0.671 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

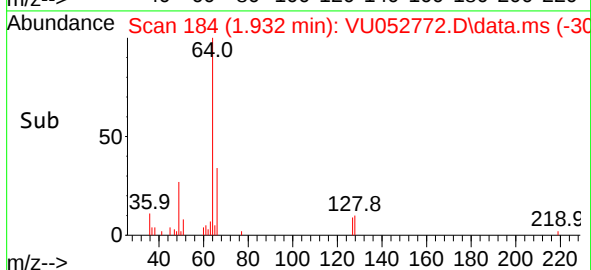
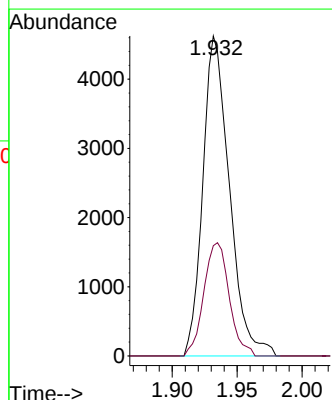
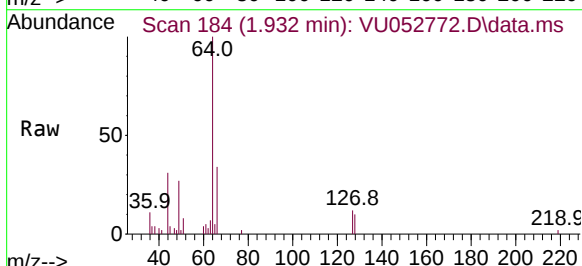
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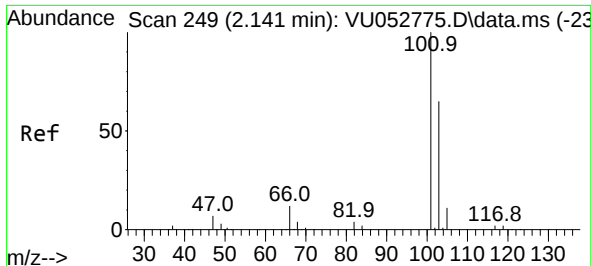
Tgt Ion: 94 Resp: 6141
Ion Ratio Lower Upper
94 100
96 97.9 73.8 110.6



#6
Chloroethane
Concen: 0.719 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 64 Resp: 6593
Ion Ratio Lower Upper
64 100
66 34.4 26.6 40.0

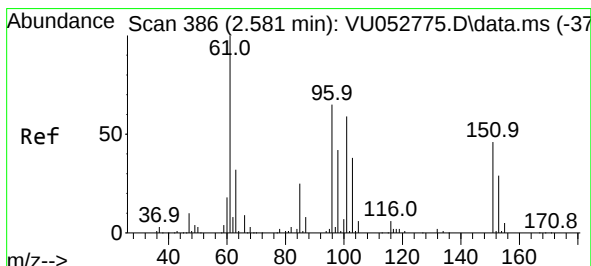
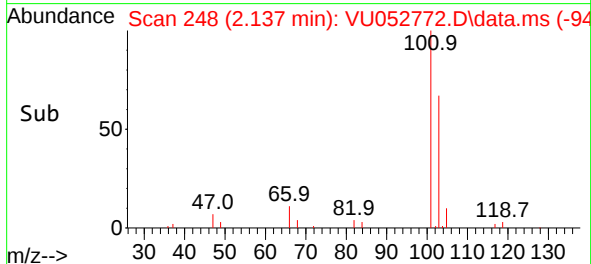
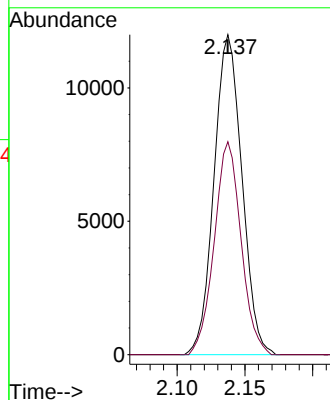
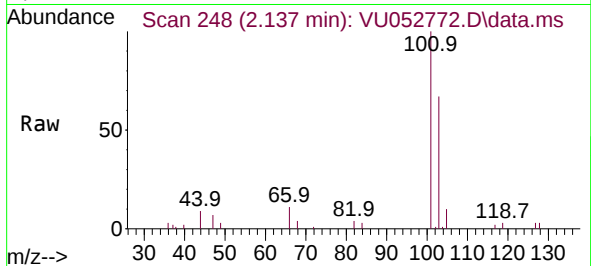




#7
 Trichlorofluoromethane
 Concen: 0.853 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

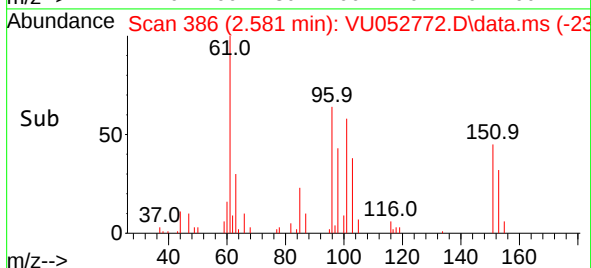
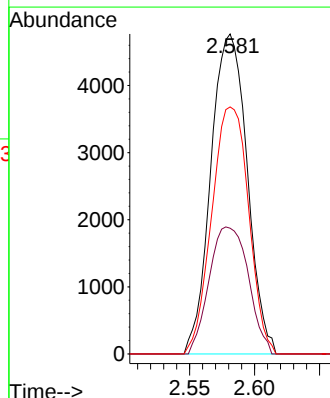
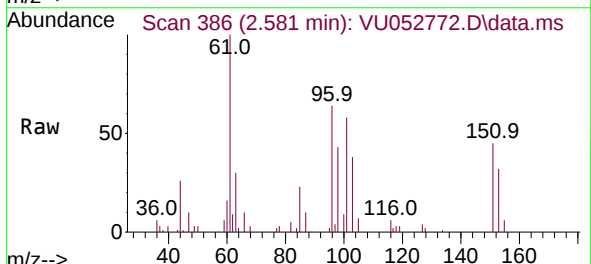
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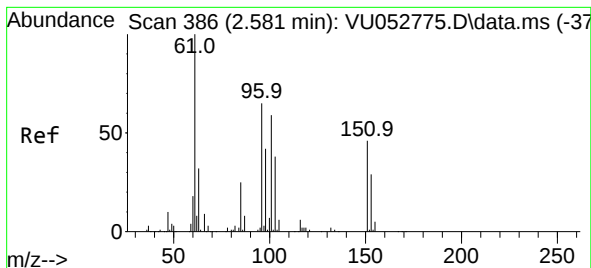
Tgt Ion:101 Resp: 17181
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.805 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Tgt Ion:101 Resp: 9262
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.1 51.1
 151 78.4 63.0 94.4





#9

1,1-Dichloroethene

Concen: 0.749 ug/l

RT: 2.578 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

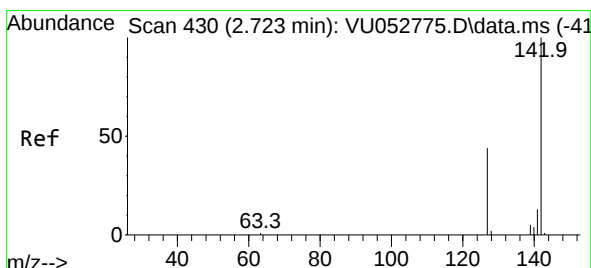
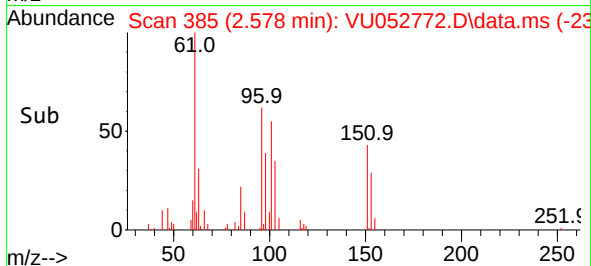
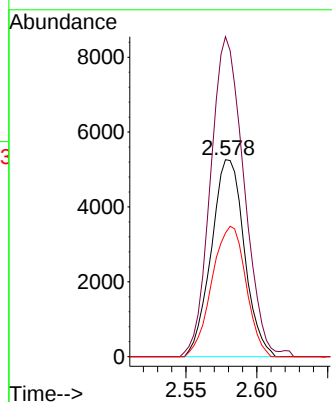
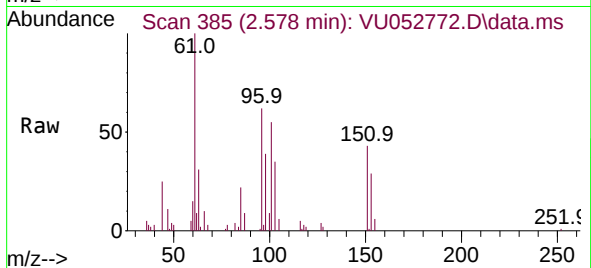
Tgt Ion: 96 Resp: 8531

Ion Ratio Lower Upper

96 100

61 162.5 0.0 460.5

98 62.8 0.0 128.0



#10

Iodomethane

Concen: 1.002 ug/l

RT: 2.719 min Scan# 429

Delta R.T. -0.003 min

Lab File: VU052772.D

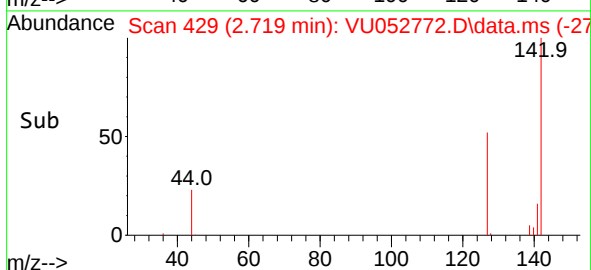
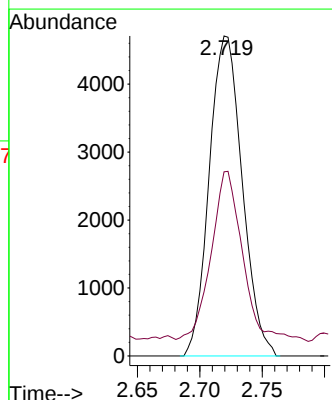
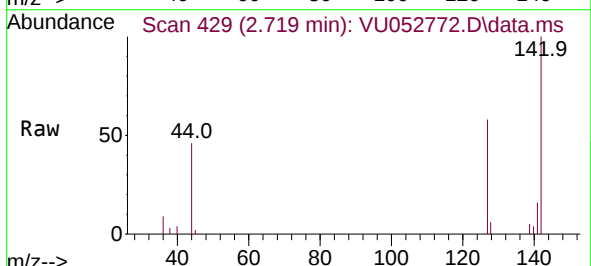
Acq: 23 Jan 2023 11:52

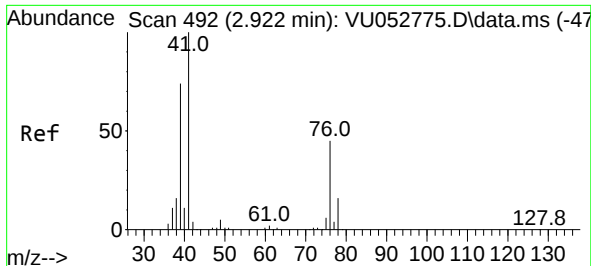
Tgt Ion: 142 Resp: 8659

Ion Ratio Lower Upper

142 100

127 51.1 35.4 53.0





#11

Allyl Chloride

Concen: 0.675 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

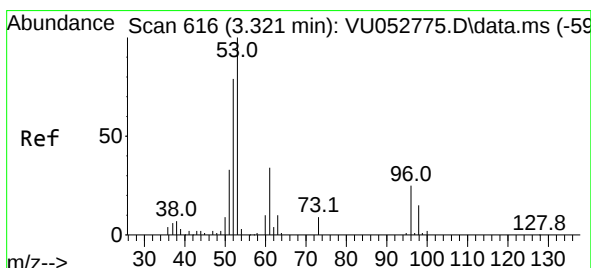
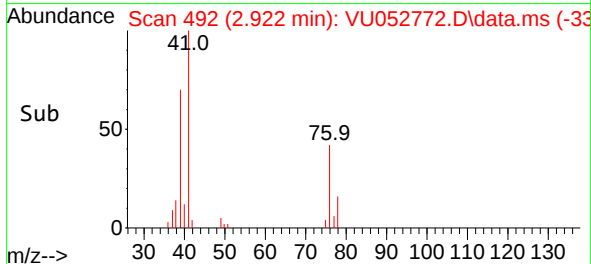
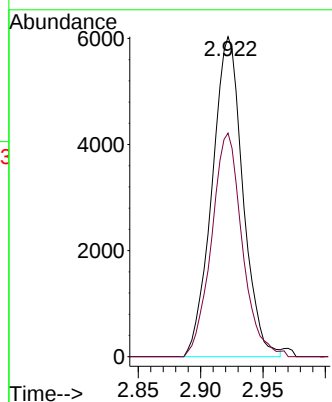
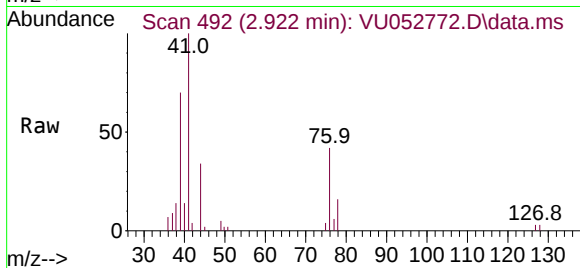
ClientSampleId :

Tgt Ion: 41 Resp: 10384

Ion Ratio Lower Upper

41 100

39 69.5 59.3 88.9



#12

Acrylonitrile

Concen: 1.301 ug/l

RT: 3.321 min Scan# 616

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

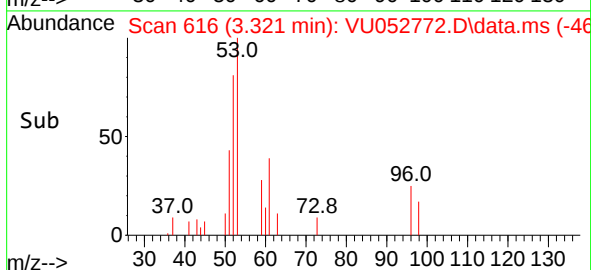
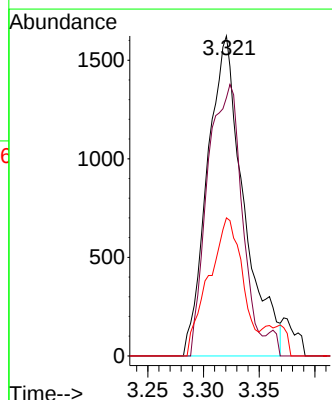
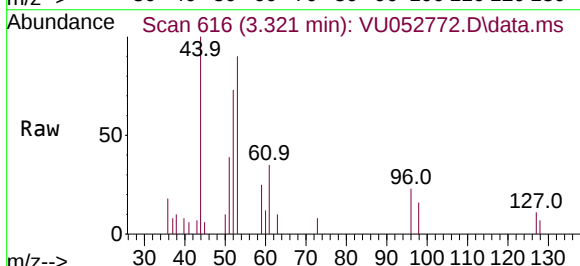
Tgt Ion: 53 Resp: 3675

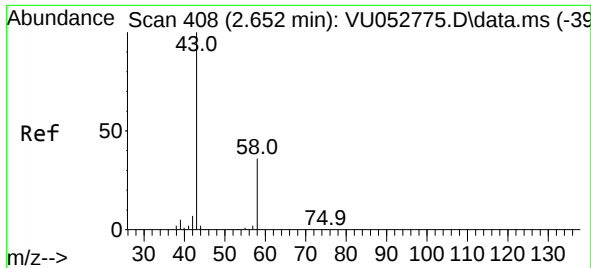
Ion Ratio Lower Upper

53 100

52 80.1 63.0 94.4

51 40.5 31.3 46.9





#13

Acetone

Concen: 5.519 ug/l

RT: 2.639 min Scan# 40

Delta R.T. -0.013 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

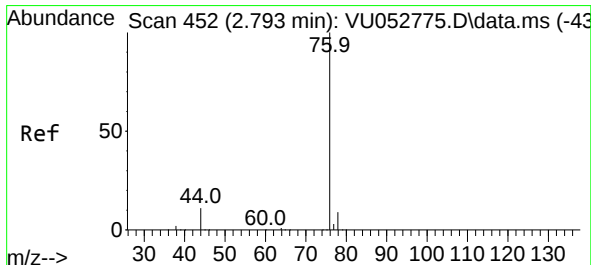
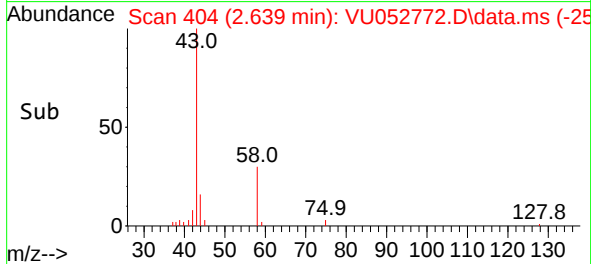
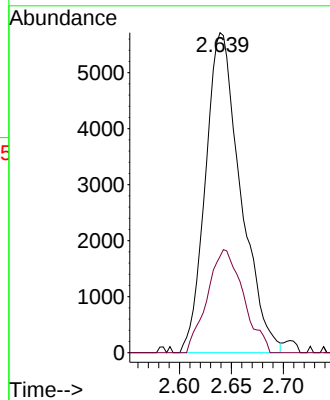
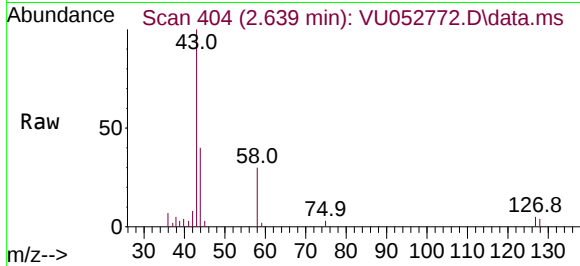
ClientSampleId :

Tgt Ion: 43 Resp: 13435

Ion Ratio Lower Upper

43 100

58 30.1 29.0 43.4



#14

Carbon Disulfide

Concen: 0.838 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052772.D

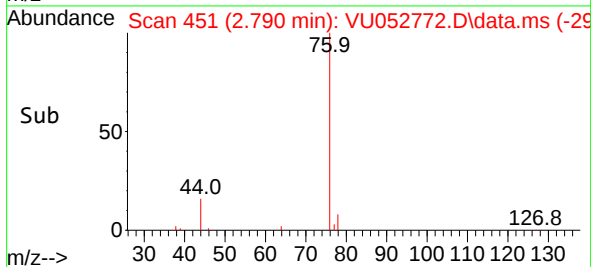
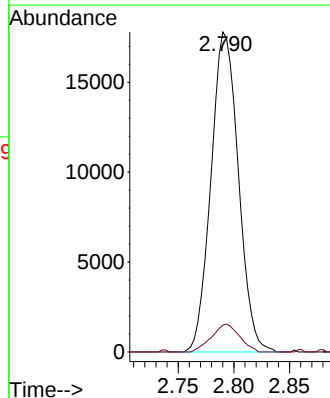
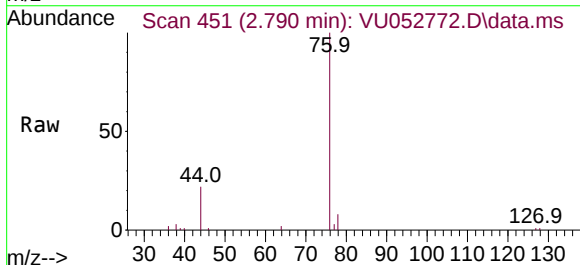
Acq: 23 Jan 2023 11:52

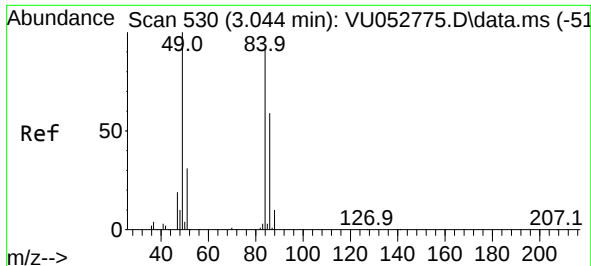
Tgt Ion: 76 Resp: 30502

Ion Ratio Lower Upper

76 100

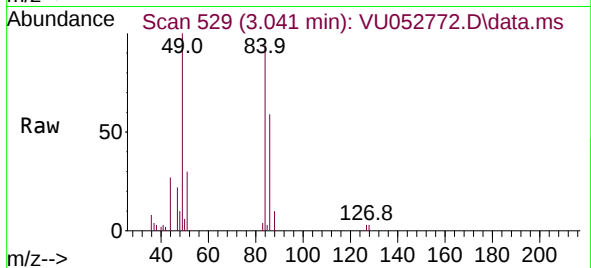
78 8.4 7.1 10.7



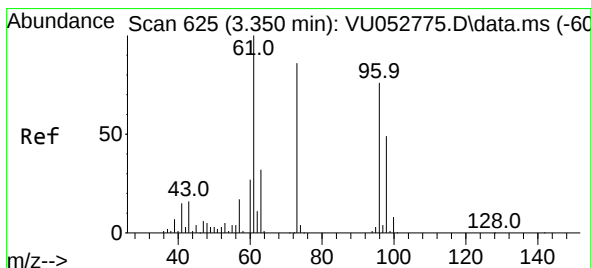
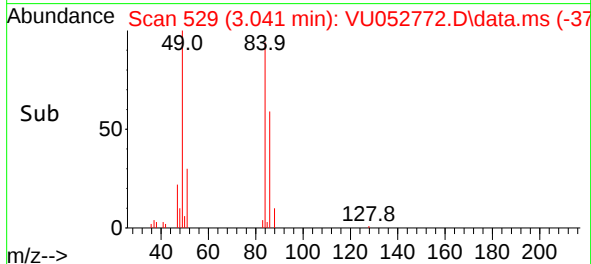
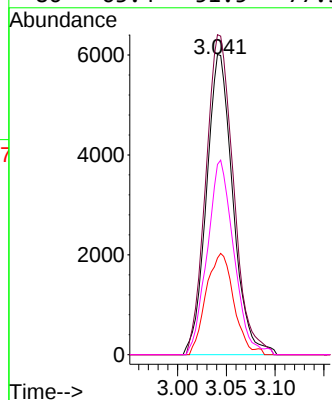


#15
Methylene Chloride
Concen: 0.628 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :

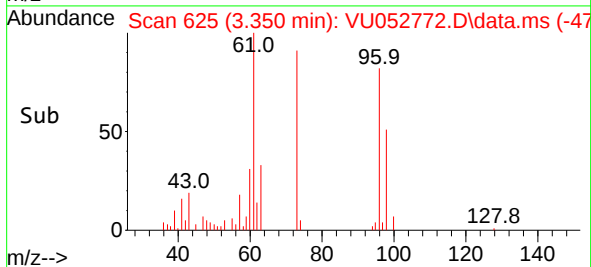
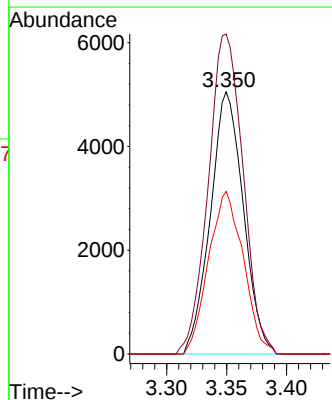
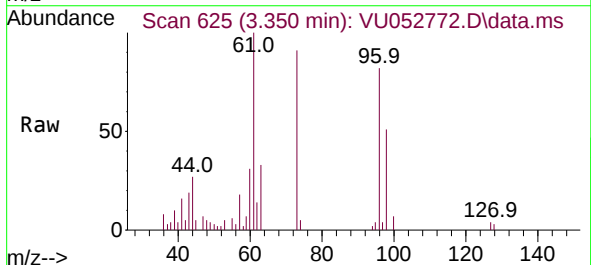


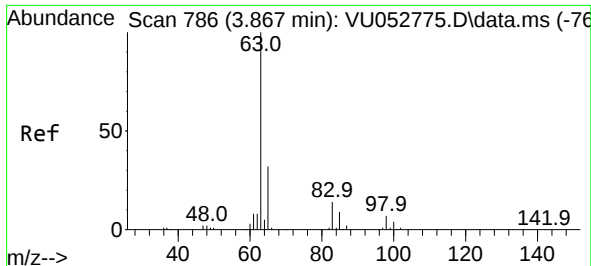
Tgt Ion: 84 Resp: 11347
Ion Ratio Lower Upper
84 100
49 106.6 86.7 130.1
51 32.2 0.0 66.8
86 63.4 51.5 77.3



#16
trans-1,2-Dichloroethene
Concen: 0.771 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 96 Resp: 9660
Ion Ratio Lower Upper
96 100
61 122.1 105.7 158.5
98 62.1 51.4 77.2

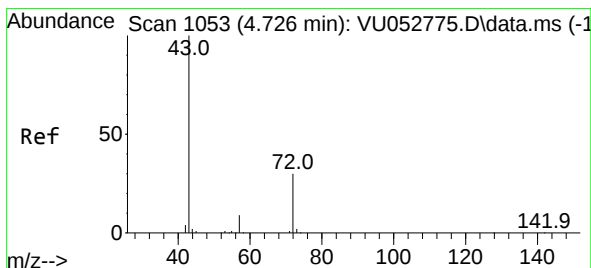
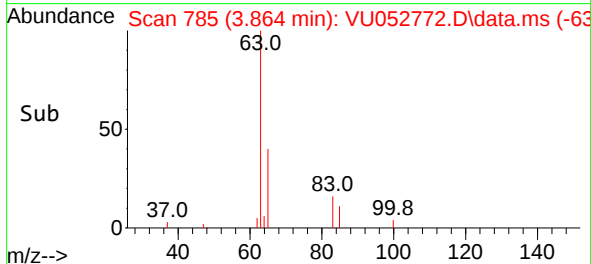
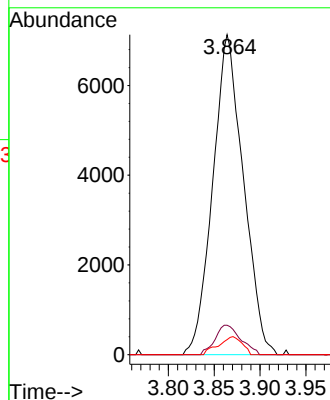
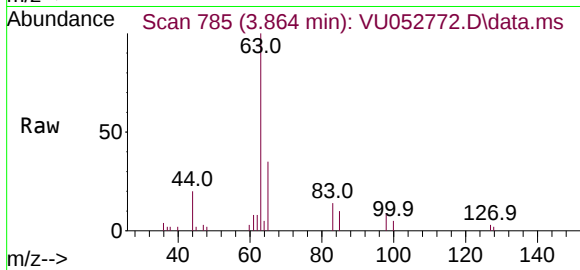




#17
 1,1-Dichloroethane
 Concen: 0.804 ug/l
 RT: 3.864 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

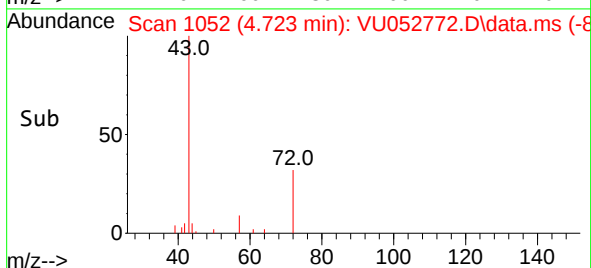
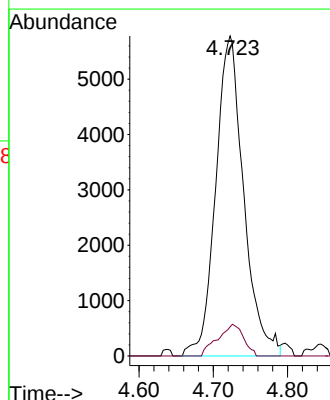
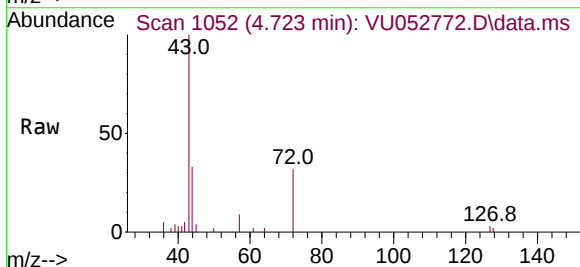
Instrument :
 MSVOA_U
 ClientSampleId :

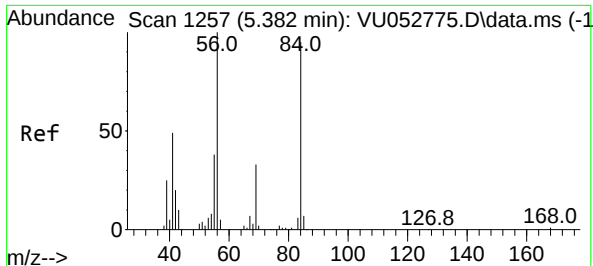
Tgt Ion: 63 Resp: 16549
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.8 11.2
 100 4.7 2.2 6.6



#18
 2-Butanone
 Concen: 4.825 ug/l
 RT: 4.723 min Scan# 1052
 Delta R.T. -0.003 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Tgt Ion: 43 Resp: 15143
 Ion Ratio Lower Upper
 43 100
 57 9.1 0.0 17.4





#19

Cyclohexane

Concen: 0.860 ug/l

RT: 5.382 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

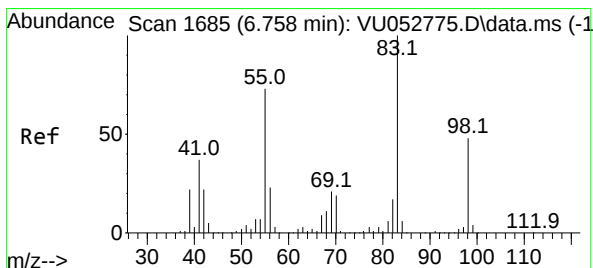
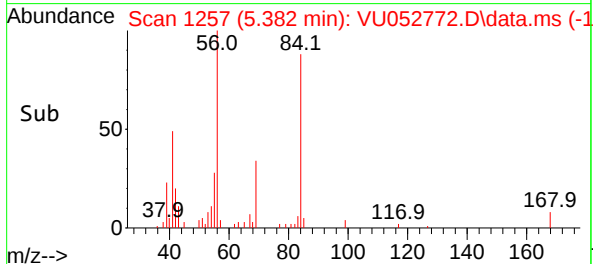
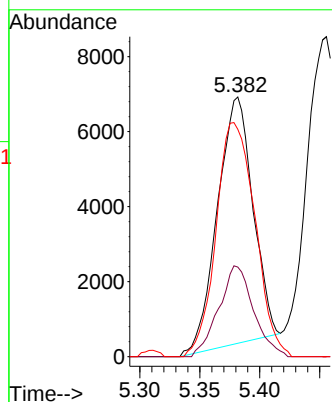
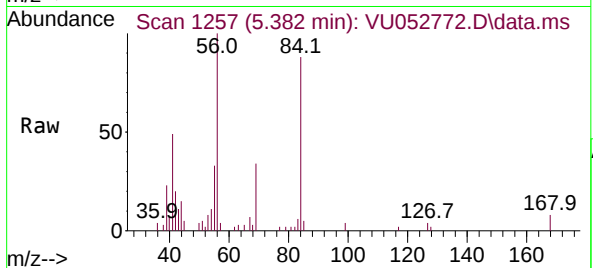
Tgt Ion: 56 Resp: 13542

Ion Ratio Lower Upper

56 100

69 36.0 26.8 40.2

84 104.1 77.0 115.6



#20

Methylcyclohexane

Concen: 0.870 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

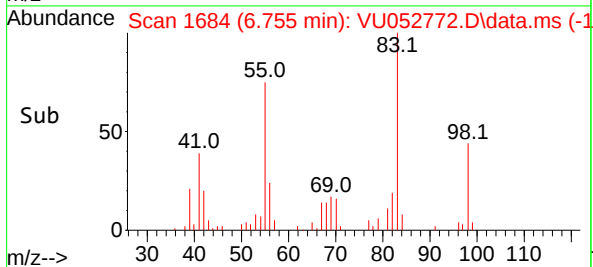
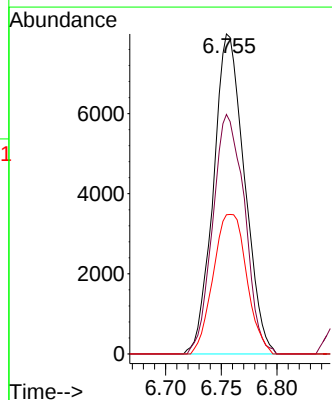
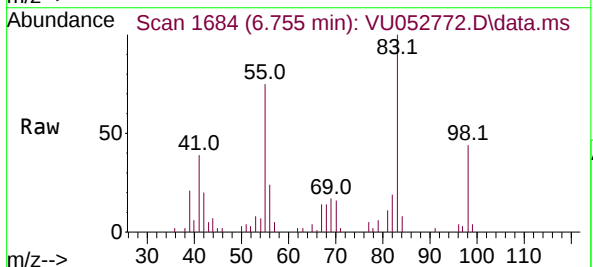
Tgt Ion: 83 Resp: 15492

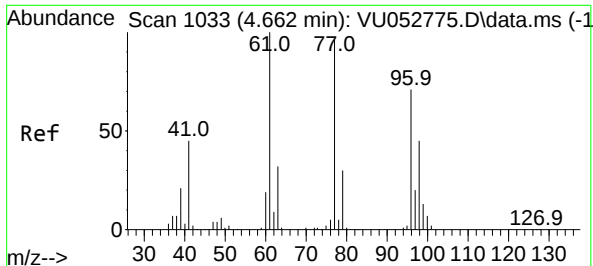
Ion Ratio Lower Upper

83 100

55 76.6 58.7 88.1

98 47.0 39.4 59.2





#21

2,2-Dichloropropane

Concen: 0.919 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

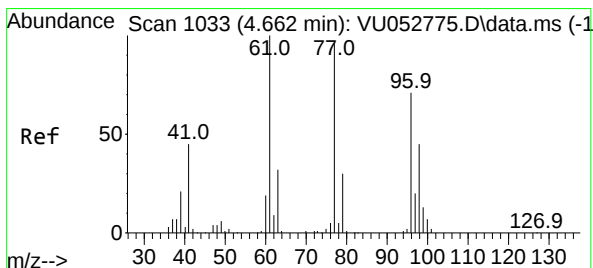
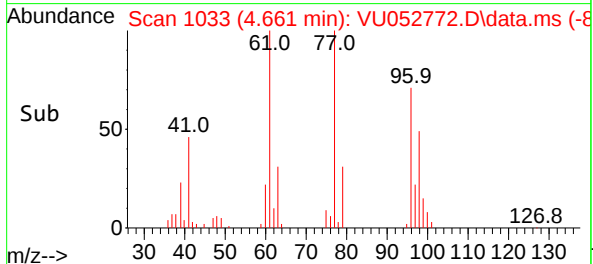
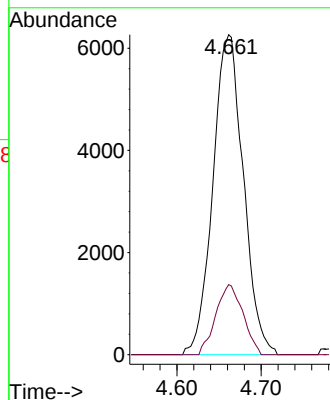
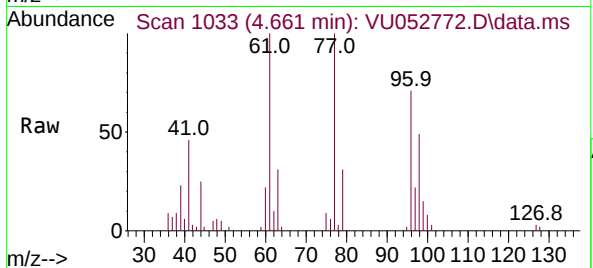
ClientSampleId :

Tgt Ion: 77 Resp: 15719

Ion Ratio Lower Upper

77 100

97 19.5 16.8 25.2



#22

cis-1,2-Dichloroethene

Concen: 0.798 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

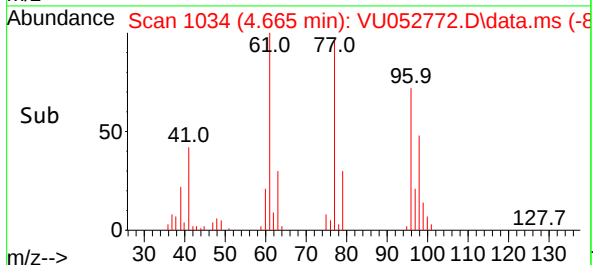
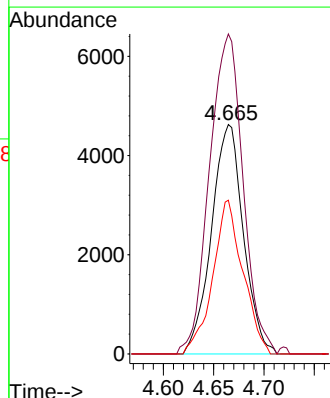
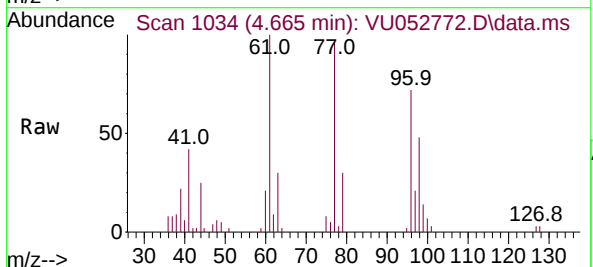
Tgt Ion: 96 Resp: 10215

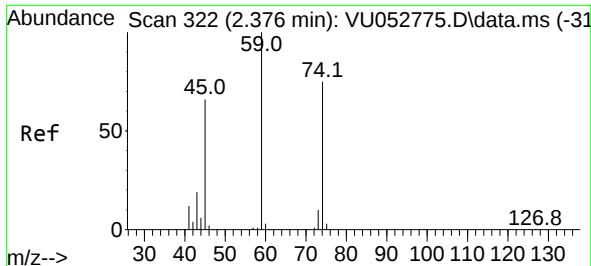
Ion Ratio Lower Upper

96 100

61 146.7 0.0 353.3

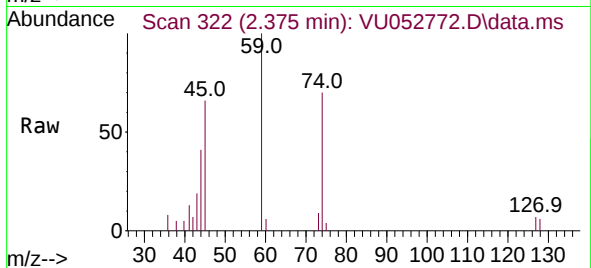
98 63.2 32.6 97.7



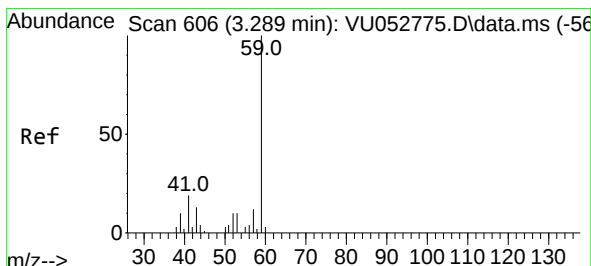
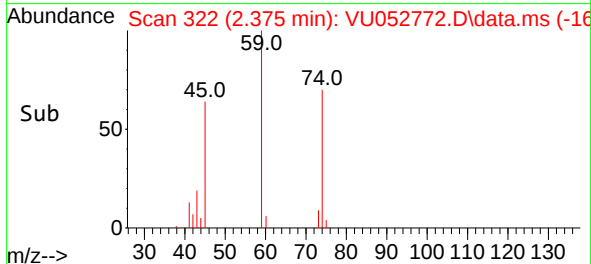
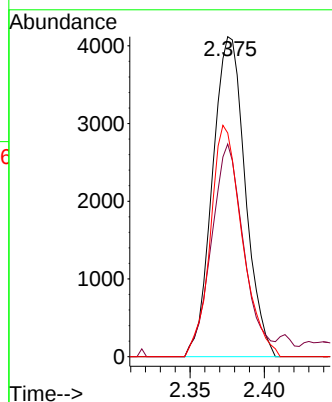


#23
Diethyl Ether
Concen: 0.745 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :

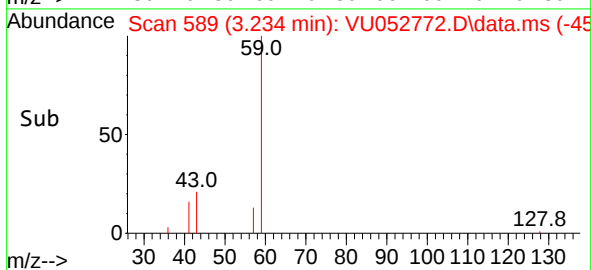
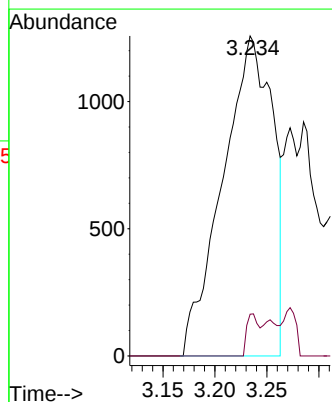
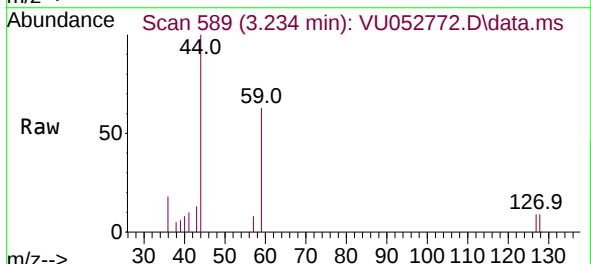


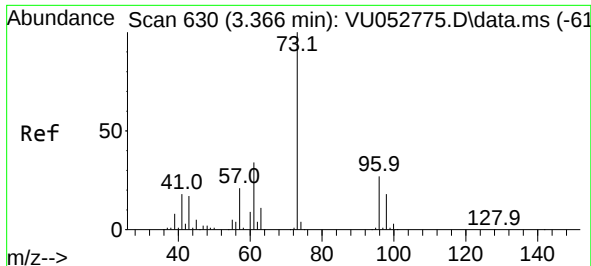
Tgt Ion: 59 Resp: 6304
Ion Ratio Lower Upper
59 100
45 65.9 52.1 78.1
74 70.2 61.6 92.4



#24
tert-Butyl Alcohol
Concen: 4.576 ug/l
RT: 3.234 min Scan# 589
Delta R.T. -0.055 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 59 Resp: 4208
Ion Ratio Lower Upper
59 100
57 3.1 45.8 68.8#

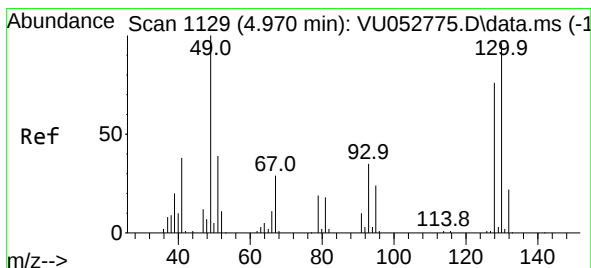
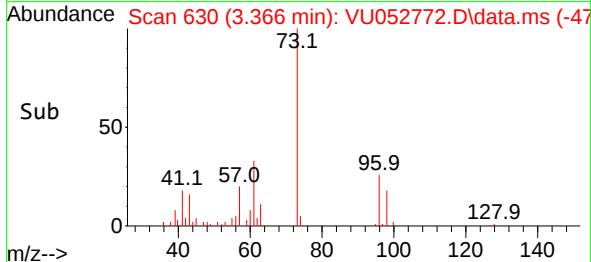
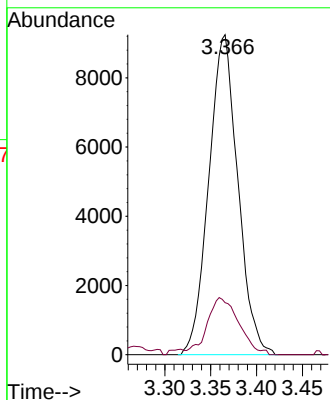
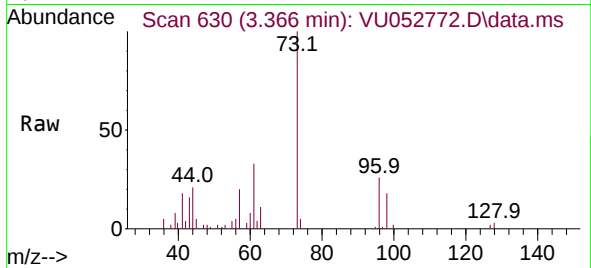




#25
Methyl tert-Butyl Ether
Concen: 0.728 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

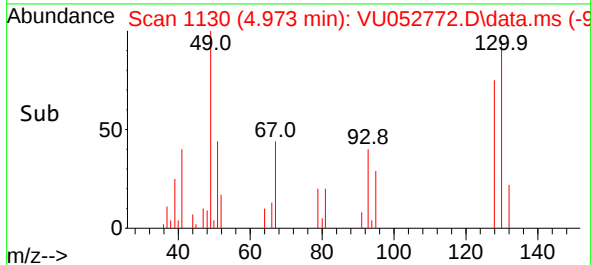
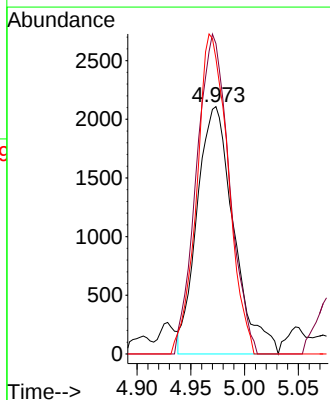
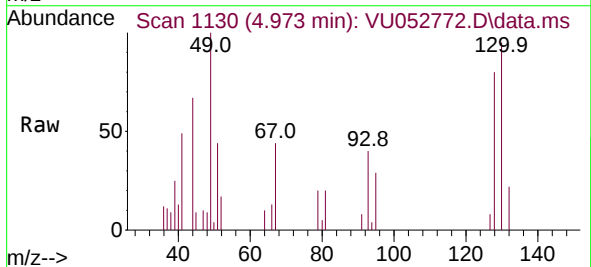
Instrument :
MSVOA_U
ClientSampleId :

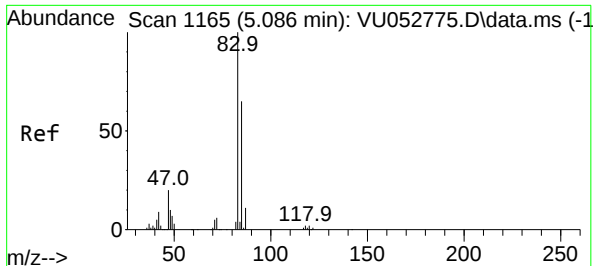
Tgt Ion: 73 Resp: 20402
Ion Ratio Lower Upper
73 100
43 19.4 15.3 22.9



#26
Bromochloromethane
Concen: 0.789 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 128 Resp: 4990
Ion Ratio Lower Upper
128 100
49 116.3 0.0 265.0
130 110.5 100.7 151.1





#27

Chloroform

Concen: 0.831 ug/l

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

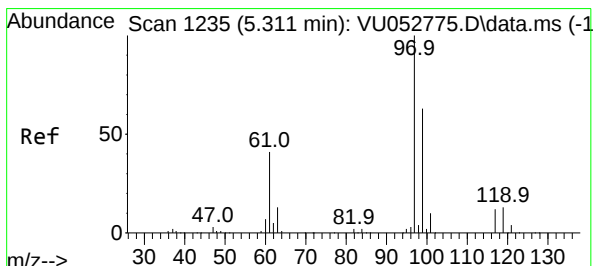
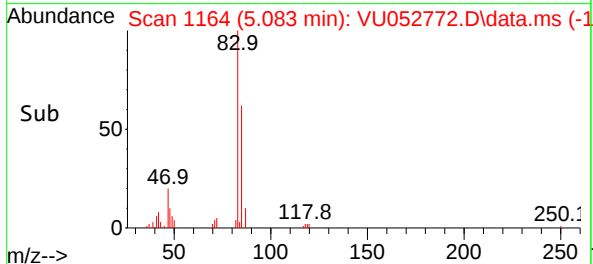
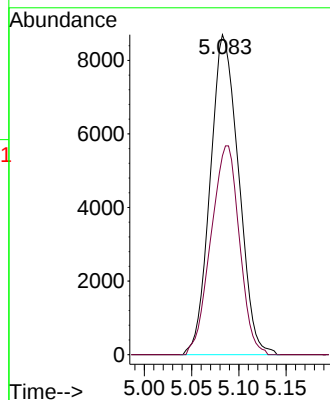
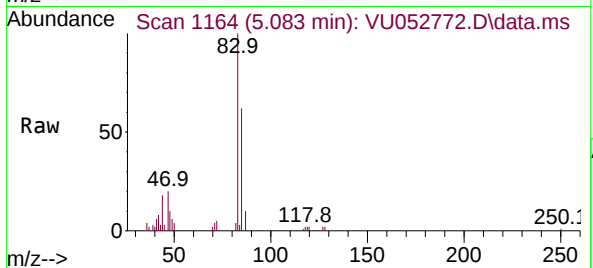
ClientSampleId :

Tgt Ion: 83 Resp: 18167

Ion Ratio Lower Upper

83 100

85 62.2 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 0.861 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

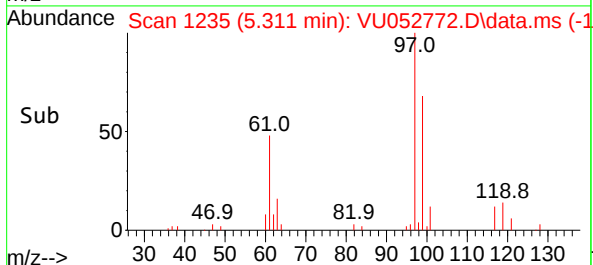
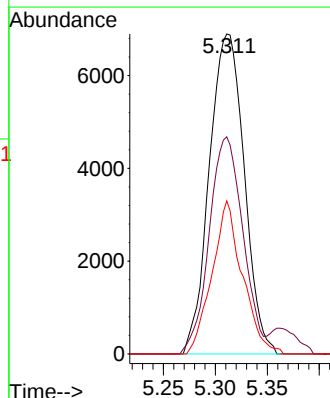
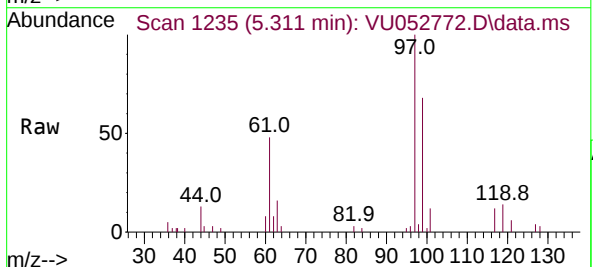
Tgt Ion: 97 Resp: 16143

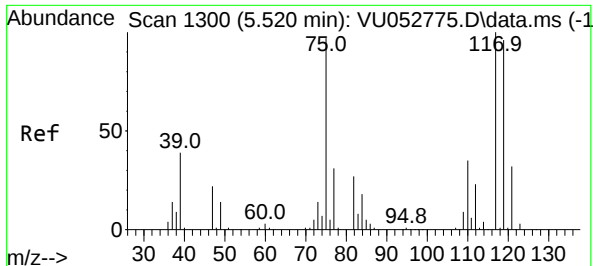
Ion Ratio Lower Upper

97 100

99 65.8 31.9 95.5

61 41.6 20.8 62.2





#29

1,1-Dichloropropene

Concen: 0.872 ug/l

RT: 5.523 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

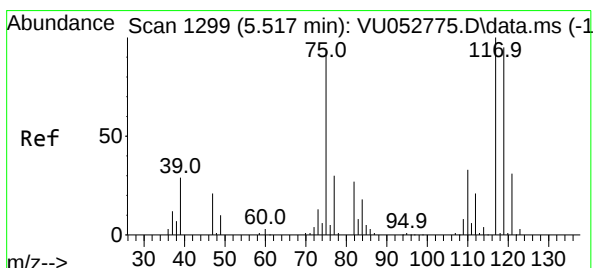
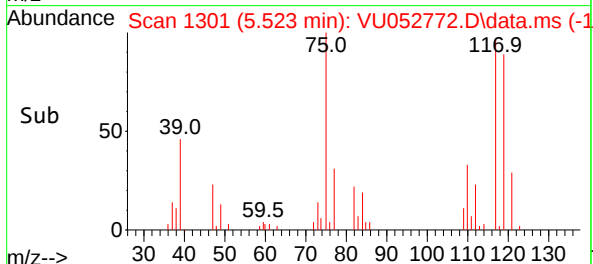
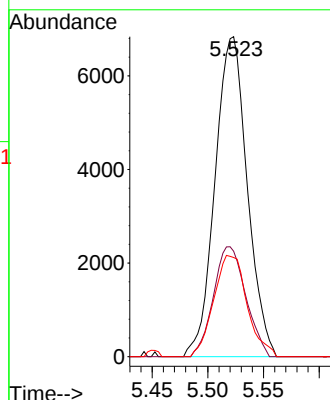
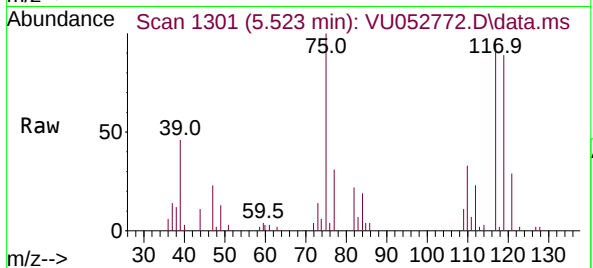
Tgt Ion: 75 Resp: 13758

Ion Ratio Lower Upper

75 100

110 34.4 17.4 52.2

77 32.7 24.8 37.2



#30

Carbon Tetrachloride

Concen: 0.890 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

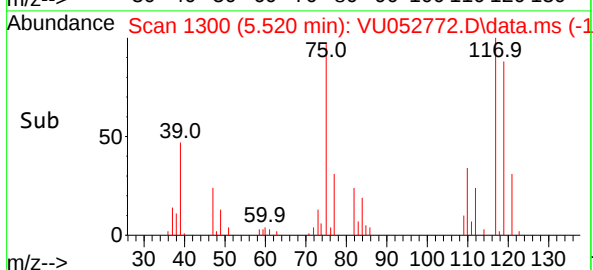
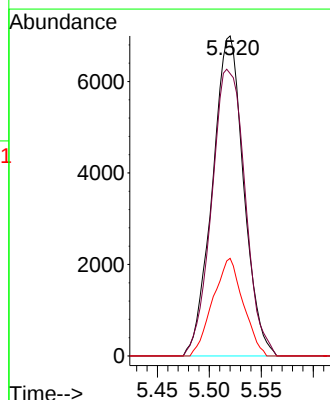
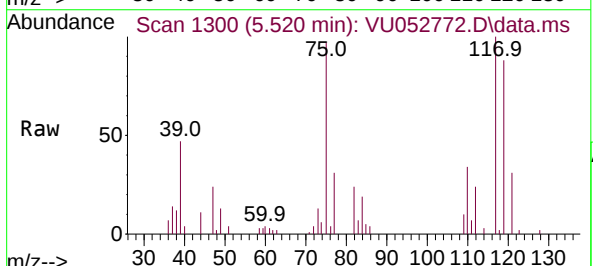
Tgt Ion: 117 Resp: 14670

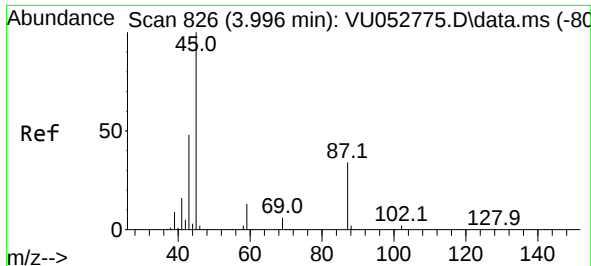
Ion Ratio Lower Upper

117 100

119 88.3 76.4 114.6

121 30.5 25.0 37.6

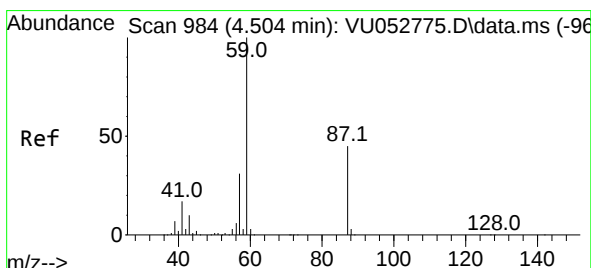
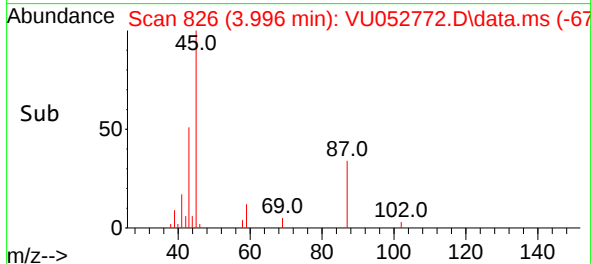
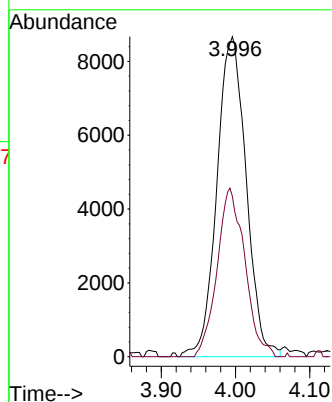
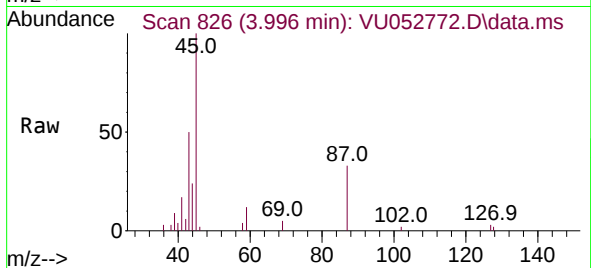




#31
Isopropyl Ether
Concen: 0.835 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

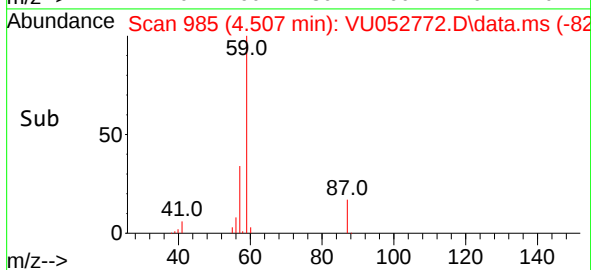
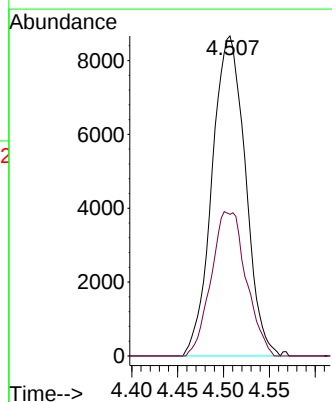
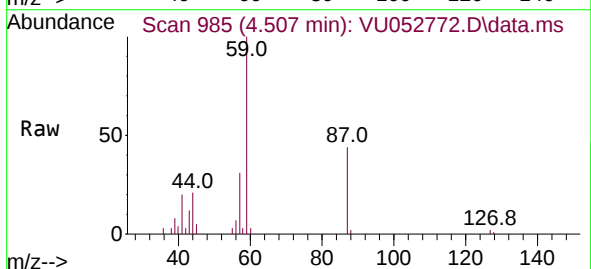
Instrument :
MSVOA_U
ClientSampleId :

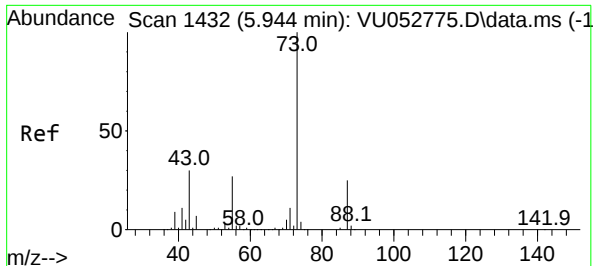
Tgt Ion: 45 Resp: 23758
Ion Ratio Lower Upper
45 100
43 49.9 24.5 73.5



#32
Ethyl-t-butyl ether
Concen: 0.795 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 59 Resp: 21875
Ion Ratio Lower Upper
59 100
87 47.4 36.2 54.2





#33

Tert-Amyl methyl ether

Concen: 0.768 ug/l

RT: 5.944 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VU052772.D

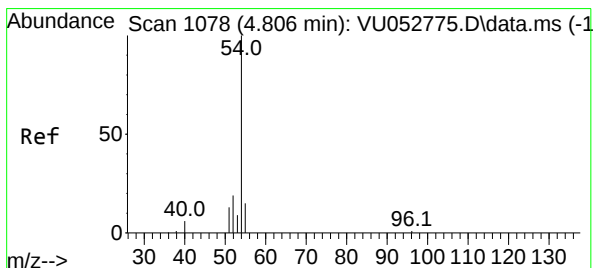
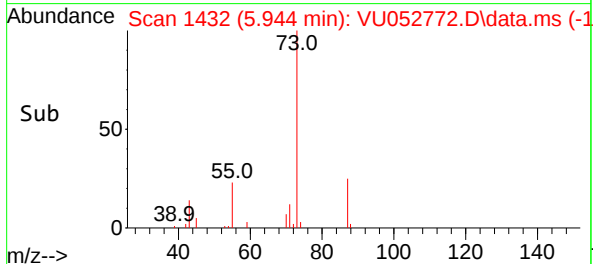
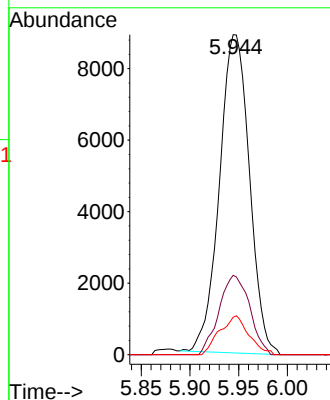
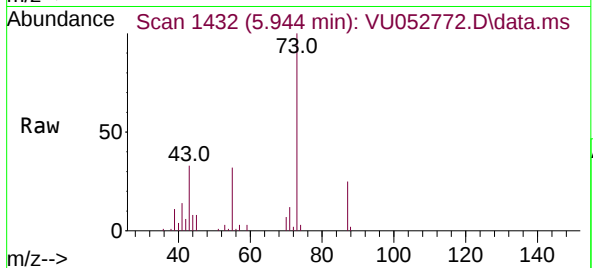
Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 19031
Ion Ratio	Lower Upper
73	100
87	25.5 20.1 30.1
71	11.8 9.2 13.8



#34

Propionitrile

Concen: 3.590 ug/l

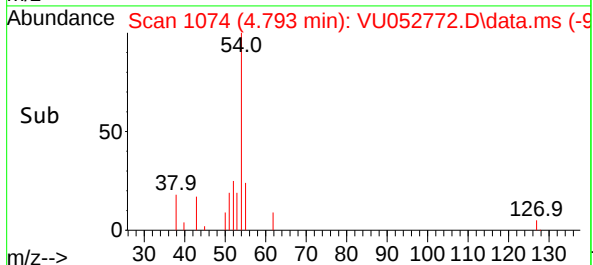
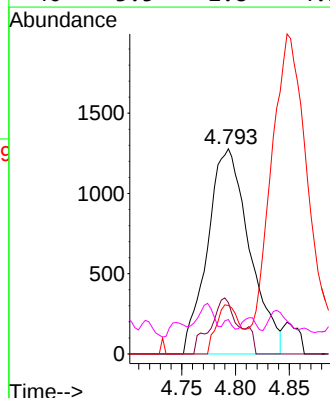
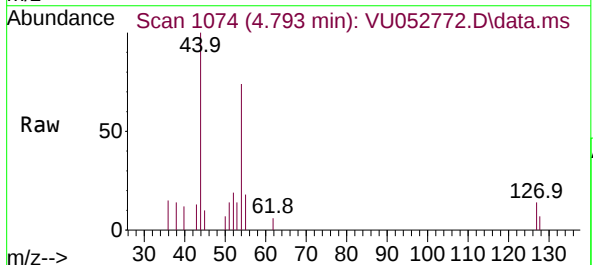
RT: 4.793 min Scan# 1074

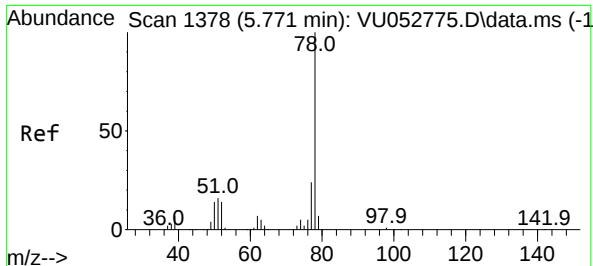
Delta R.T. -0.013 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Tgt Ion: 54	Resp: 3468
Ion Ratio	Lower Upper
54	100
52	18.9 16.9 25.3
55	13.3 118.6 178.0#
40	3.5 2.8 4.2

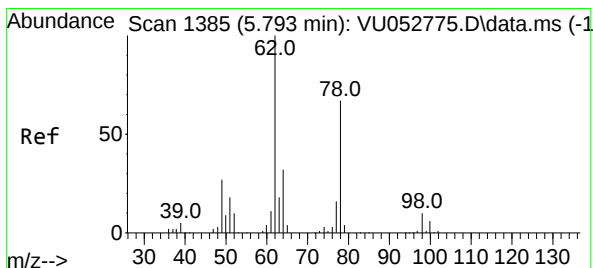
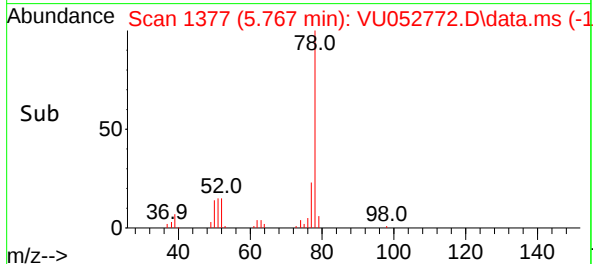
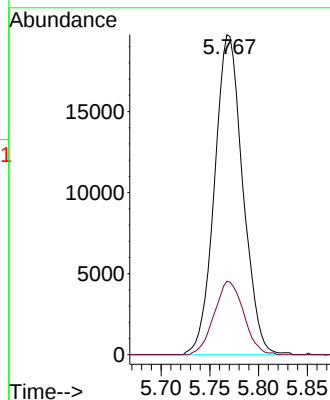
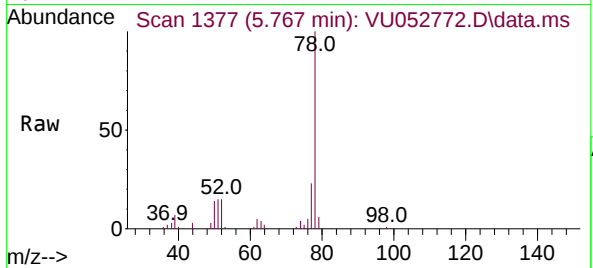




#35
Benzene
Concen: 0.845 ug/l
RT: 5.767 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

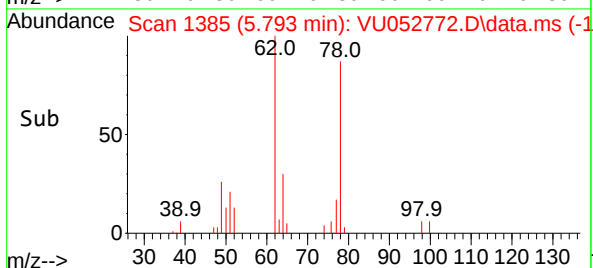
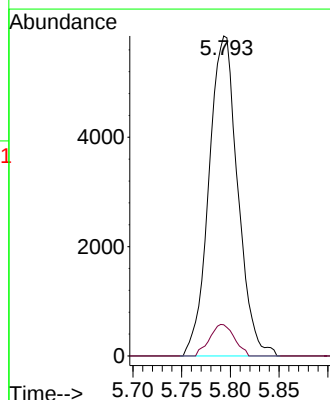
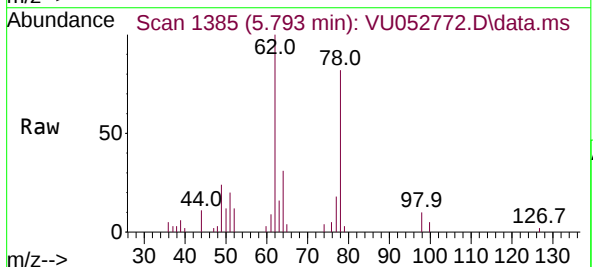
Instrument :
MSVOA_U
ClientSampleId :

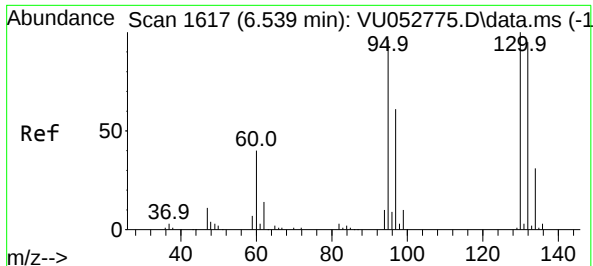
Tgt Ion: 78 Resp: 39847
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4



#36
1,2-Dichloroethane
Concen: 0.865 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 62 Resp: 12036
Ion Ratio Lower Upper
62 100
98 8.4 7.5 11.3





#37

Trichloroethene

Concen: 0.770 ug/l

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

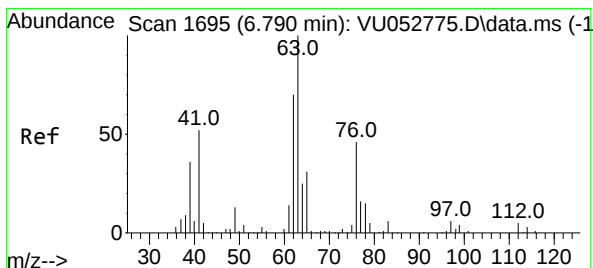
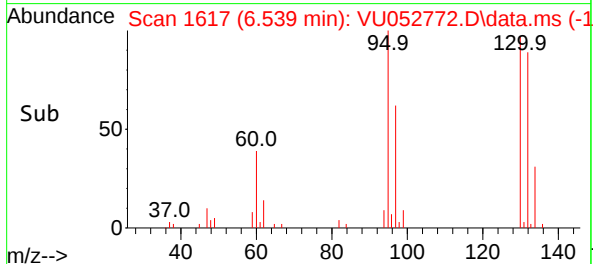
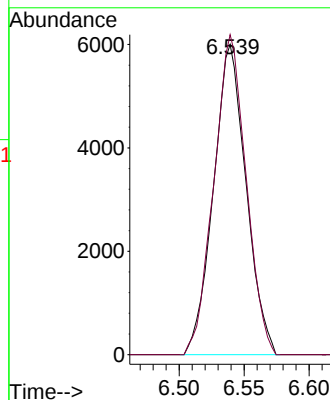
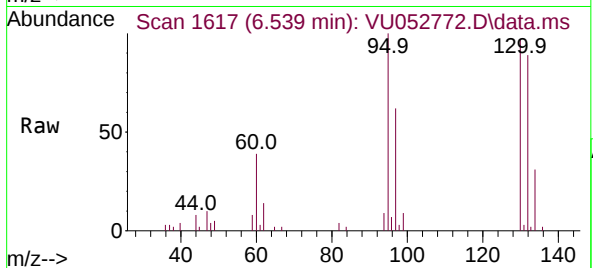
ClientSampleId :

Tgt Ion:130 Resp: 10462

Ion Ratio Lower Upper

130 100

95 103.2 76.6 114.8



#38

1,2-Dichloropropane

Concen: 0.861 ug/l

RT: 6.787 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU052772.D

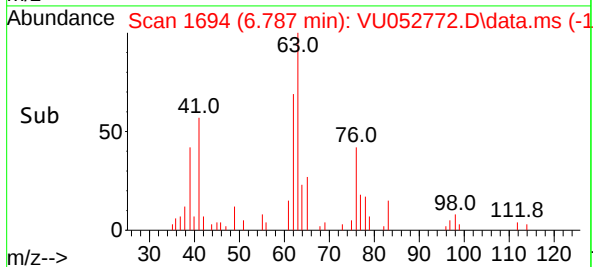
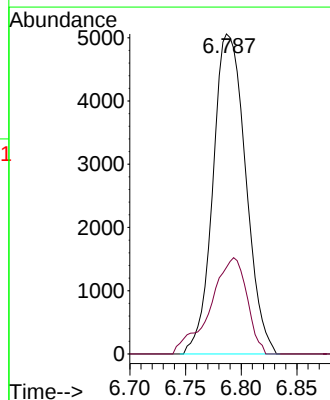
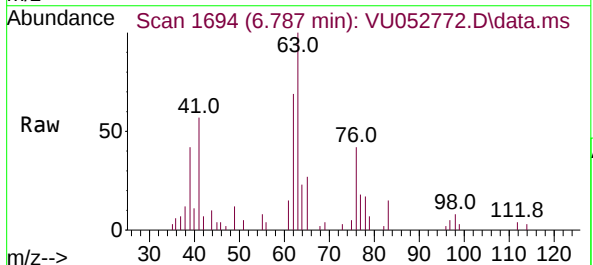
Acq: 23 Jan 2023 11:52

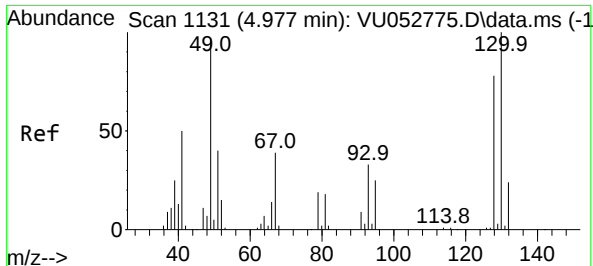
Tgt Ion: 63 Resp: 10331

Ion Ratio Lower Upper

63 100

65 27.0 24.6 36.8





#39

Methacrylonitrile

Concen: 0.850 ug/l

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 2945

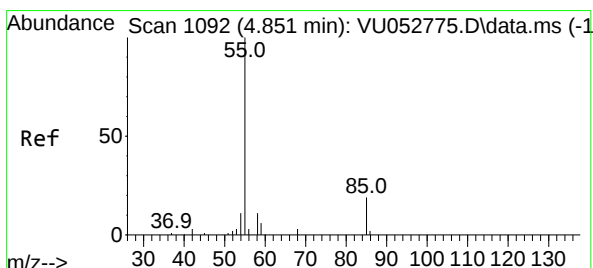
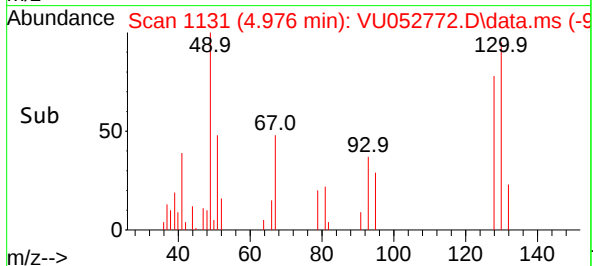
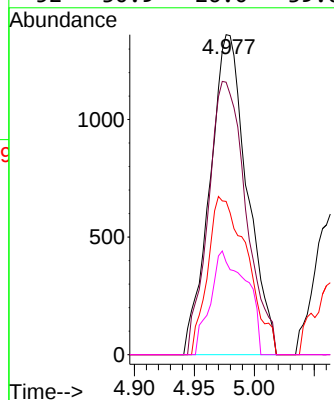
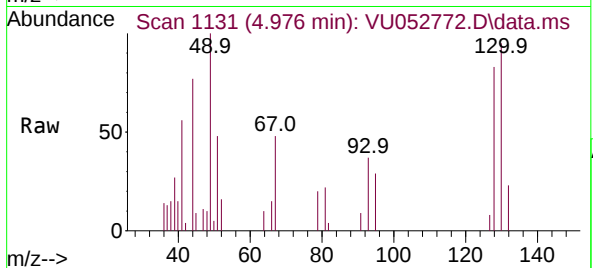
Ion Ratio Lower Upper

41 100

67 86.5 64.9 97.3

39 52.5 41.7 62.5

52 30.9 26.0 39.0



#40

Methyl acrylate

Concen: 0.829 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. -0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Tgt Ion: 55 Resp: 4771

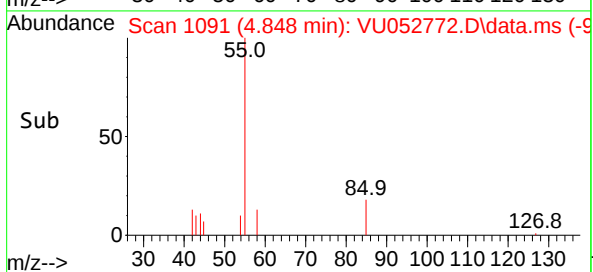
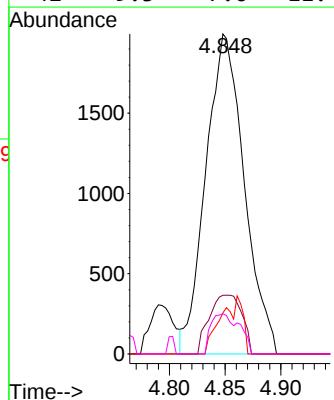
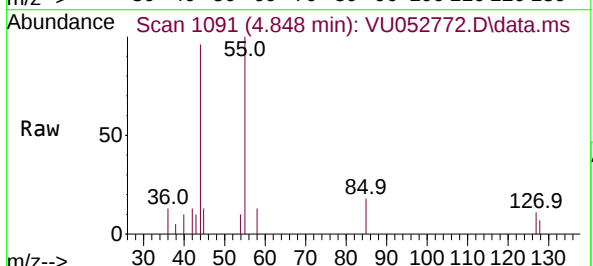
Ion Ratio Lower Upper

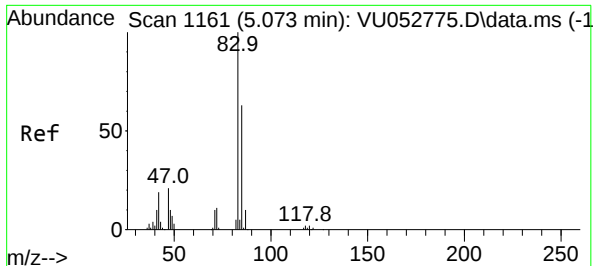
55 100

85 15.6 14.4 21.6

58 6.7 7.3 10.9#

42 9.3 7.6 11.4





#41

Tetrahydrofuran

Concen: 1.531 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. -0.007 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

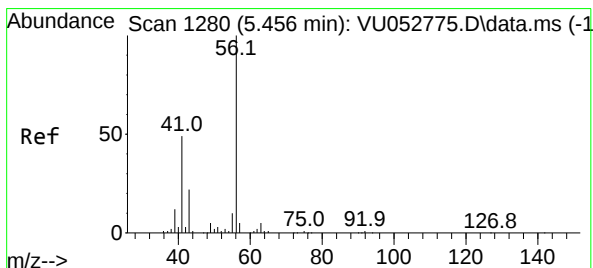
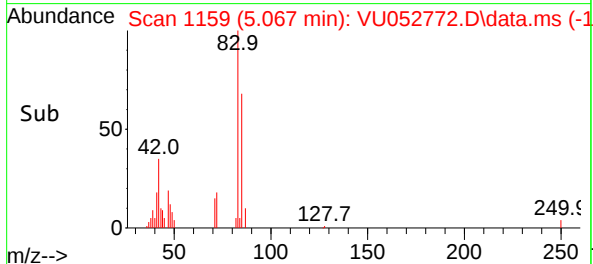
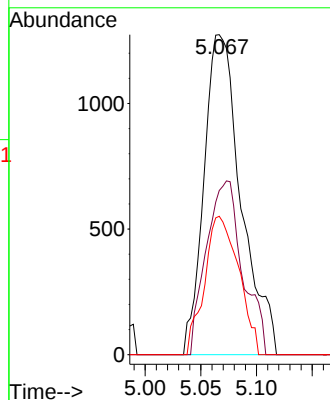
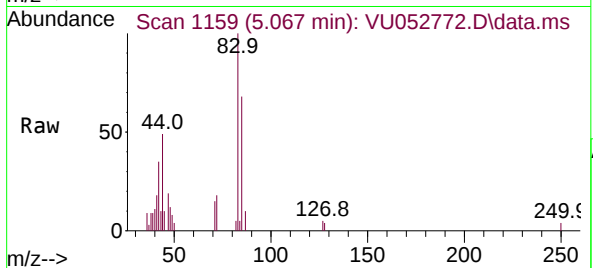
Tgt Ion: 42 Resp: 2956

Ion Ratio Lower Upper

42 100

72 53.1 49.1 73.7

71 39.8 43.8 65.6#



#42

1-Chlorobutane

Concen: 0.854 ug/l

RT: 5.456 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VU052772.D

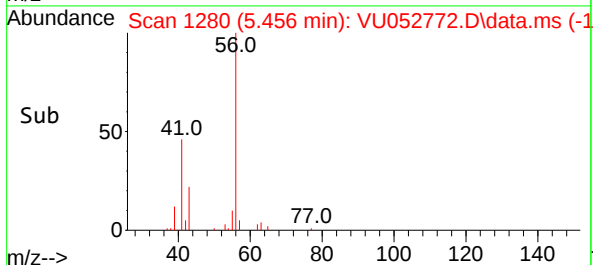
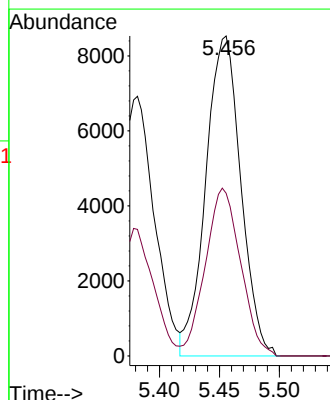
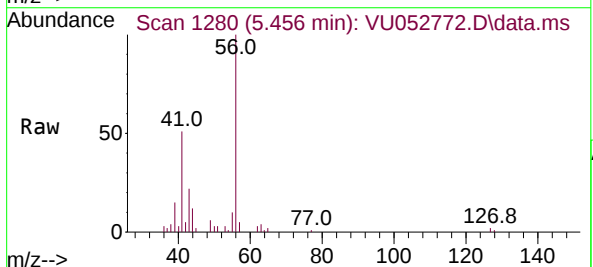
Acq: 23 Jan 2023 11:52

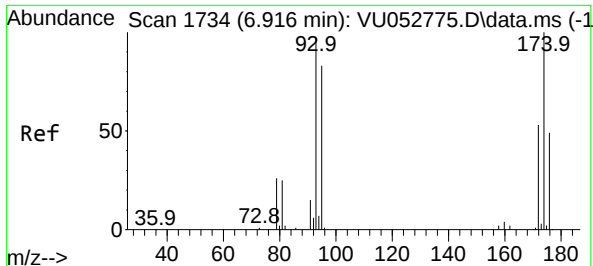
Tgt Ion: 56 Resp: 17279

Ion Ratio Lower Upper

56 100

41 52.9 24.5 73.5

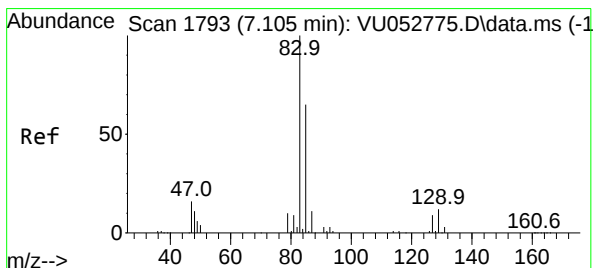
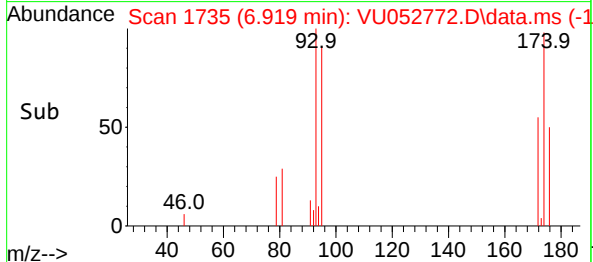
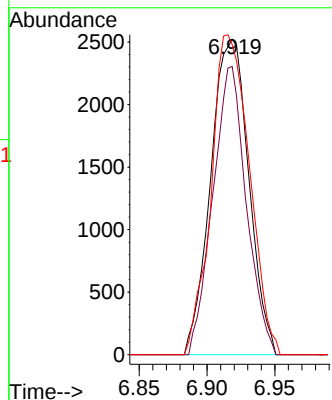
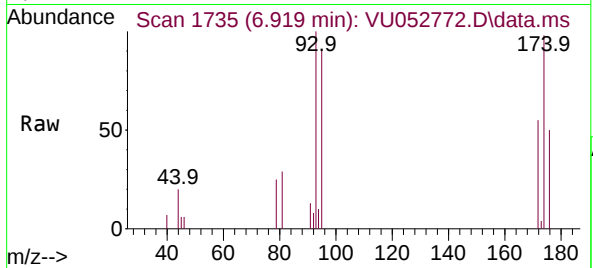




#43
Dibromomethane
Concen: 0.730 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

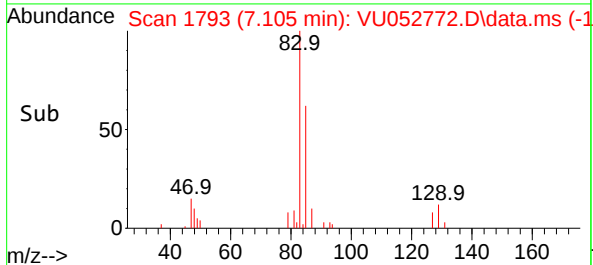
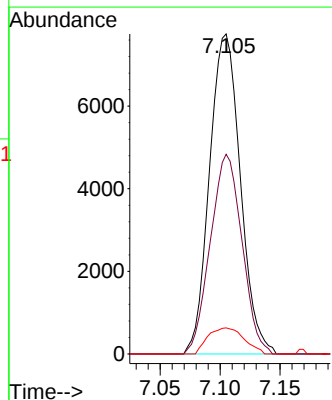
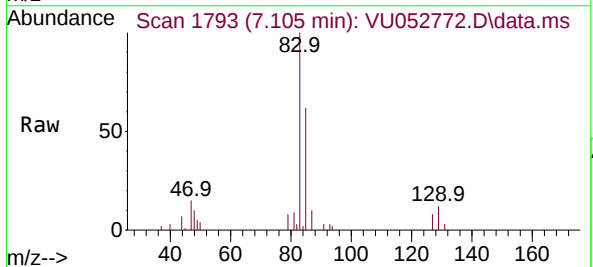
Instrument :
MSVOA_U
ClientSampleId :

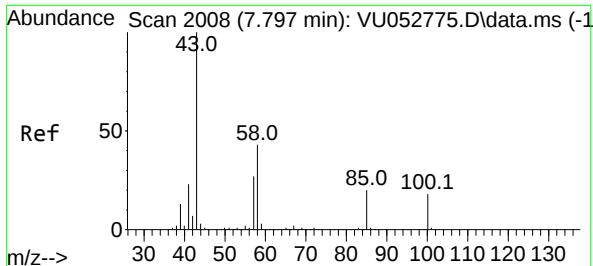
Tgt Ion: 93 Resp: 4927
Ion Ratio Lower Upper
93 100
95 80.5 67.0 100.6
174 101.6 82.2 123.4



#44
Bromodichloromethane
Concen: 0.868 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 83 Resp: 13862
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1
127 8.1 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 3.634 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU052772.D

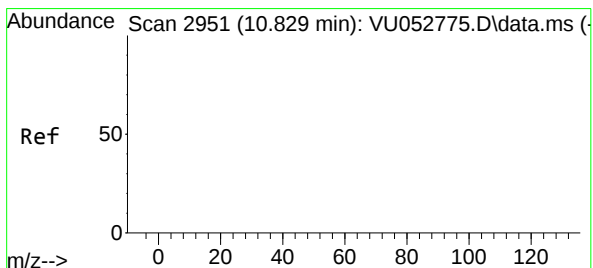
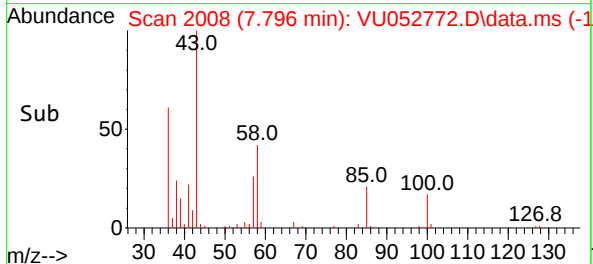
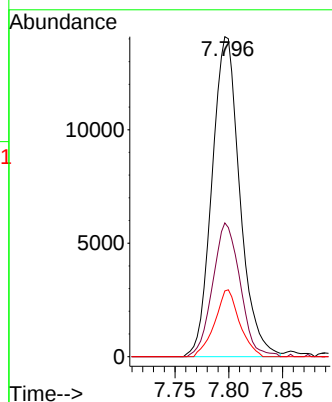
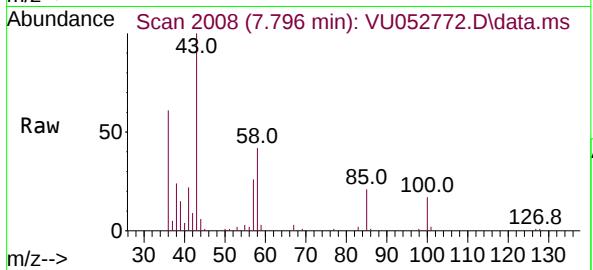
Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	25349
Ion	Ratio	Lower	Upper
43	100		
58	41.3	21.7	65.1
85	18.6	16.2	24.4



#46

t-1,4-Dichloro-2-butene

Concen: 3.172 ug/l

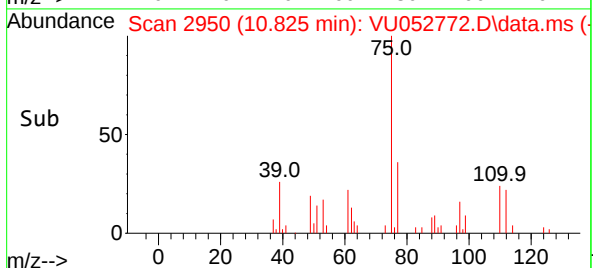
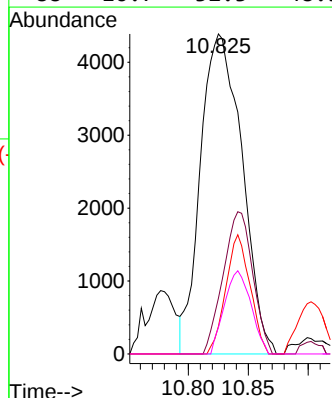
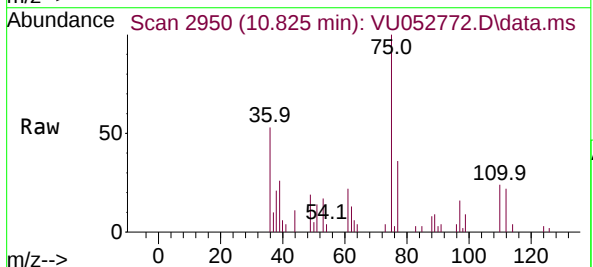
RT: 10.825 min Scan# 2950

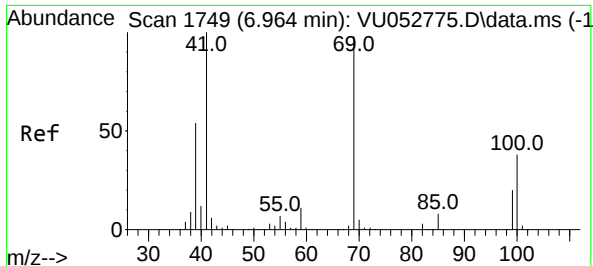
Delta R.T. -0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Tgt Ion:	75	Resp:	10532
Ion	Ratio	Lower	Upper
75	100		
53	31.7	57.0	85.4#
89	21.8	41.1	61.7#
88	16.7	32.3	48.5#





#47

Methyl methacrylate

Concen: 1.539 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

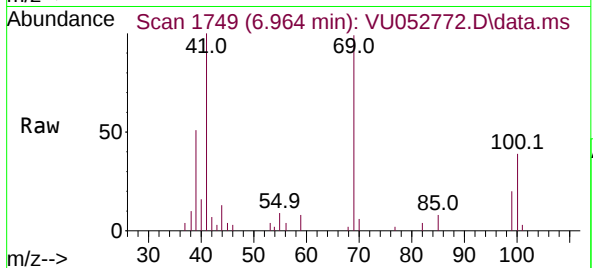
Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 8501

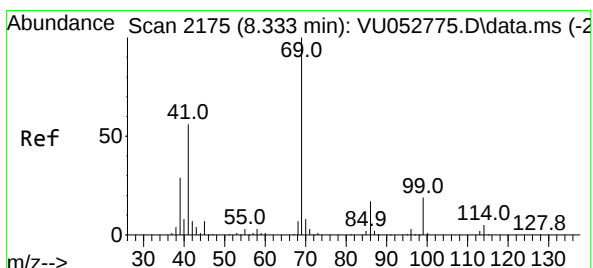
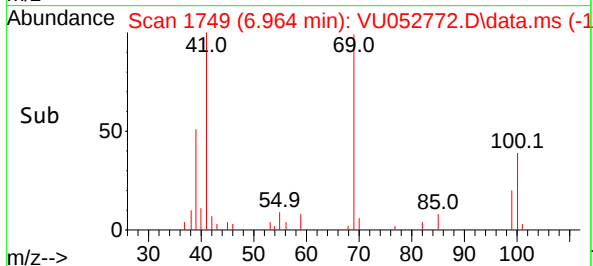
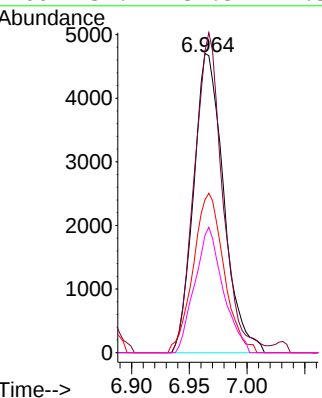
Ion Ratio Lower Upper

69 100

41 100.9 0.0 201.8

39 54.4 44.0 66.0

100 39.4 31.5 47.3



#48

Ethyl methacrylate

Concen: 0.708 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU052772.D

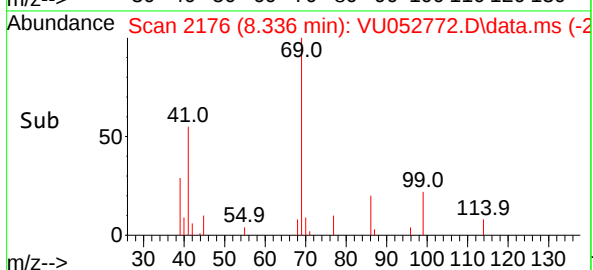
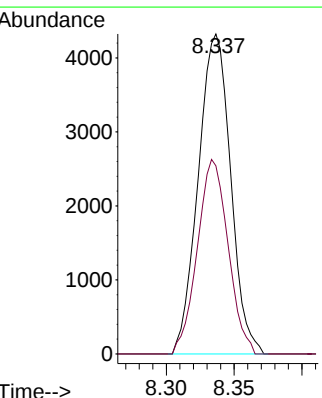
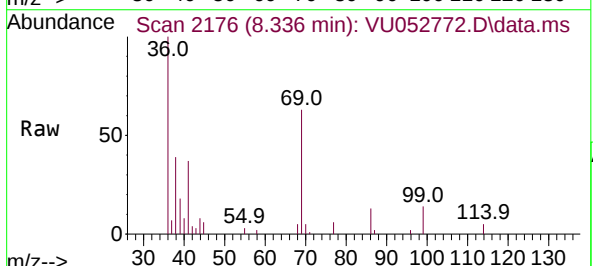
Acq: 23 Jan 2023 11:52

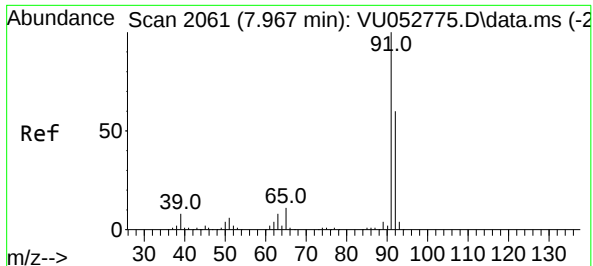
Tgt Ion: 69 Resp: 7189

Ion Ratio Lower Upper

69 100

41 57.7 28.1 84.4





#49

Toluene

Concen: 0.823 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

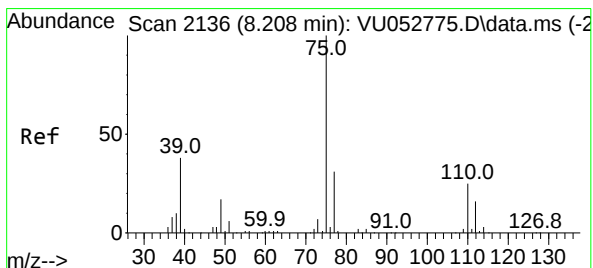
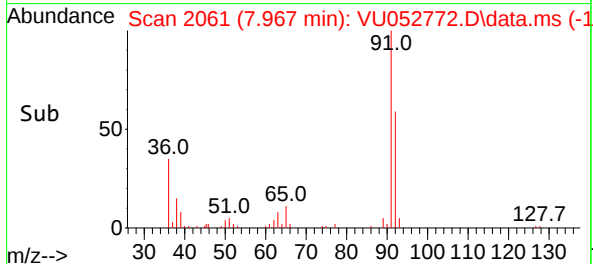
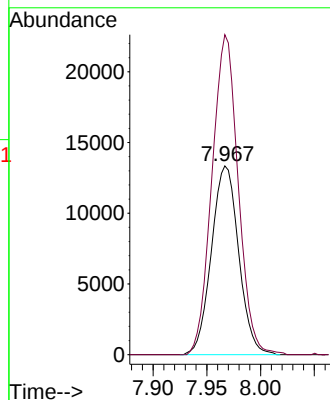
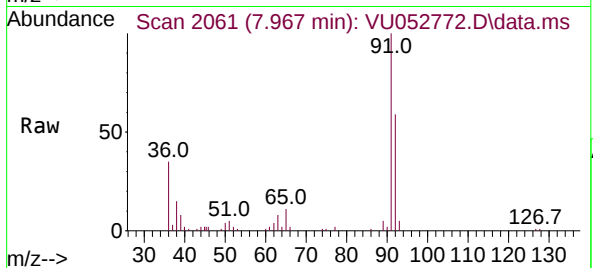
ClientSampleId :

Tgt Ion: 92 Resp: 23540

Ion Ratio Lower Upper

92 100

91 163.2 133.8 200.8



#50

t-1,3-Dichloropropene

Concen: 0.845 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU052772.D

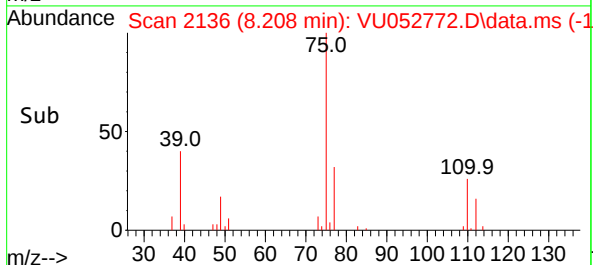
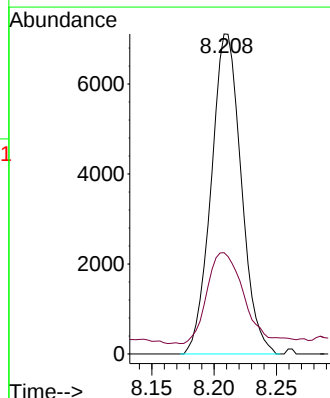
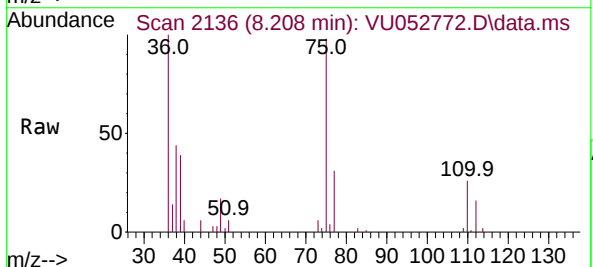
Acq: 23 Jan 2023 11:52

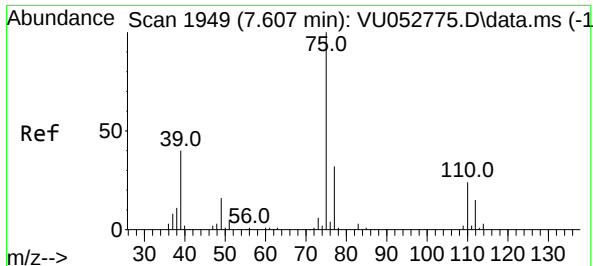
Tgt Ion: 75 Resp: 11944

Ion Ratio Lower Upper

75 100

77 28.4 24.4 36.6





#51

cis-1,3-Dichloropropene

Concen: 0.852 ug/l

RT: 7.603 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU052772.D

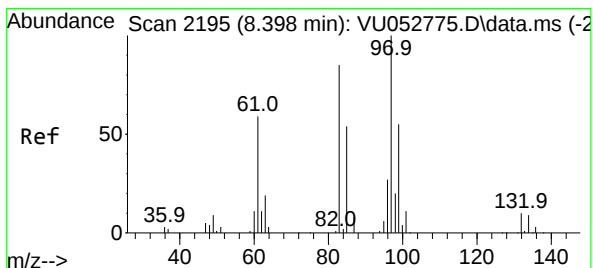
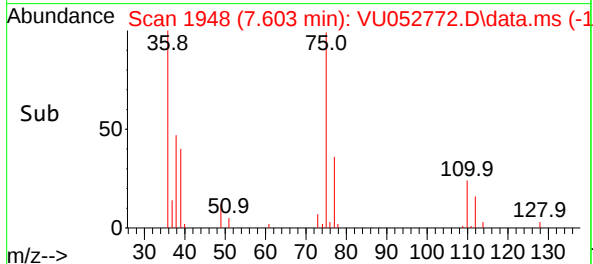
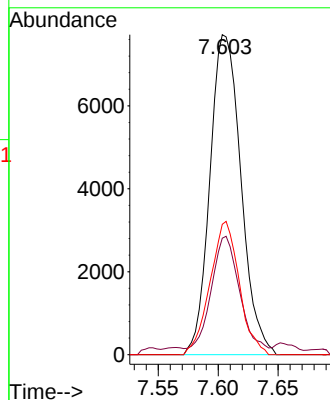
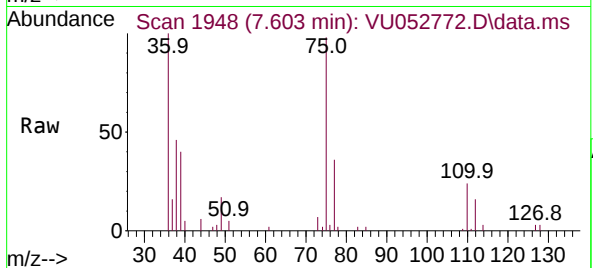
Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	13874
Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.5	38.3
39	40.8	32.3	48.5



#52

1,1,2-Trichloroethane

Concen: 0.764 ug/l

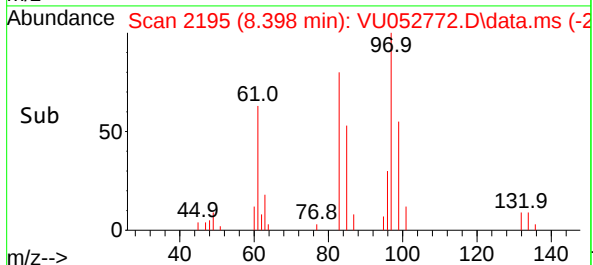
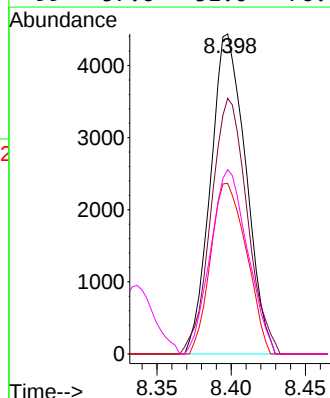
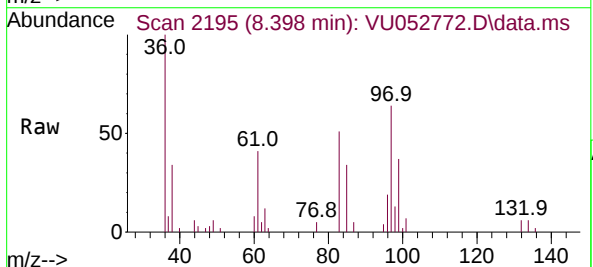
RT: 8.398 min Scan# 2195

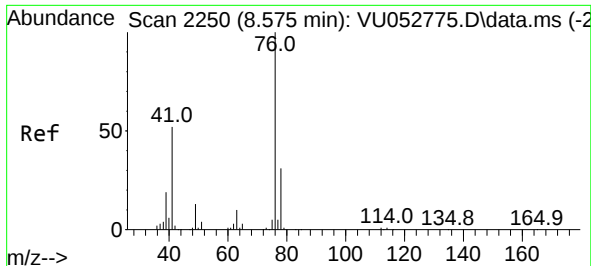
Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Tgt Ion:	97	Resp:	7317
Ion	Ratio	Lower	Upper
97	100		
83	79.8	68.2	102.2
85	53.3	44.5	66.7
99	57.6	51.0	76.4





#53

1,3-Dichloropropane

Concen: 0.802 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

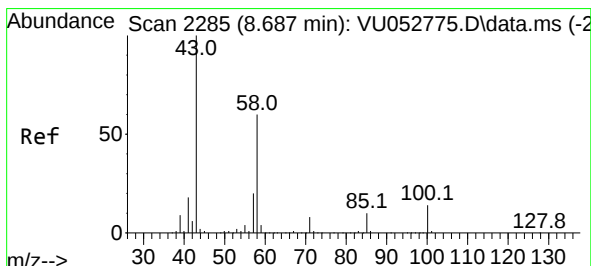
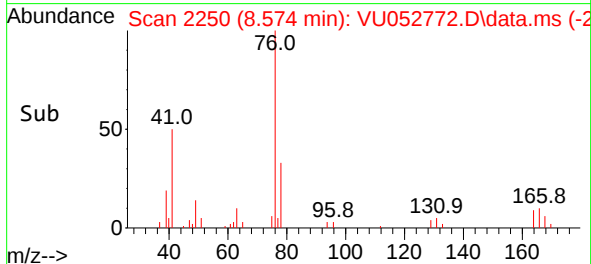
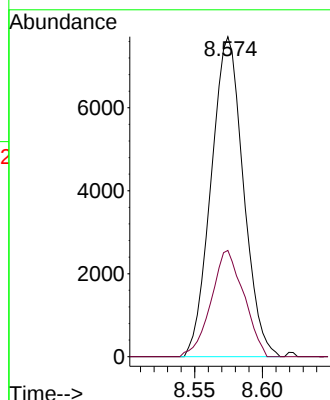
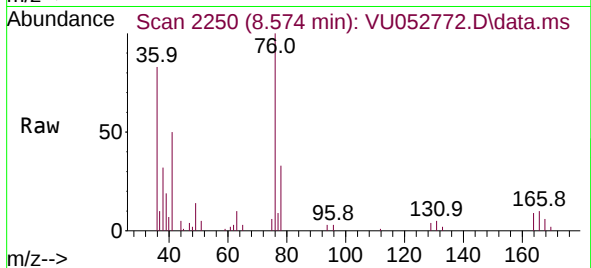
ClientSampleId :

Tgt Ion: 76 Resp: 12730

Ion Ratio Lower Upper

76 100

78 33.8 25.2 37.8



#54

2-Hexanone

Concen: 4.065 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

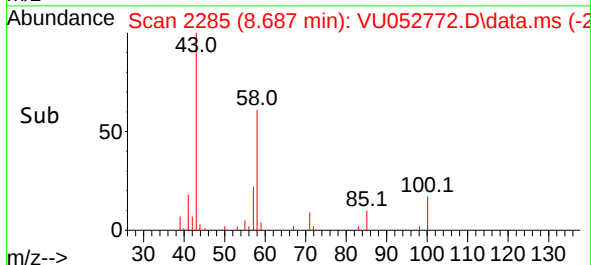
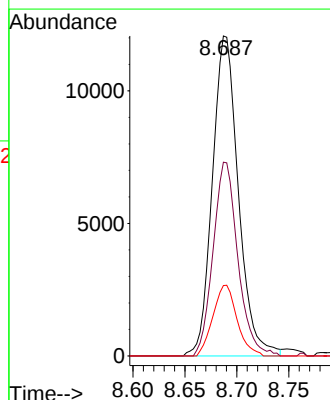
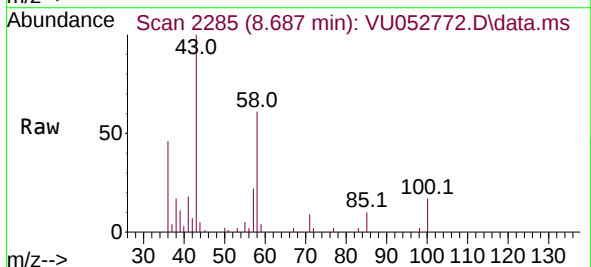
Tgt Ion: 43 Resp: 21036

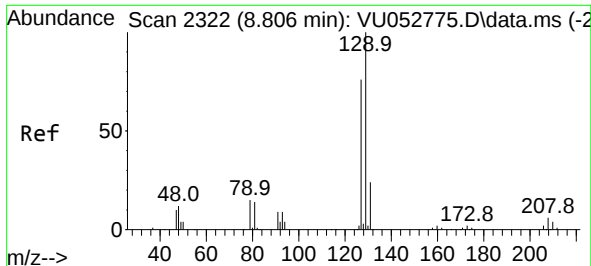
Ion Ratio Lower Upper

43 100

58 57.6 40.0 80.0

57 20.5 0.6 40.6

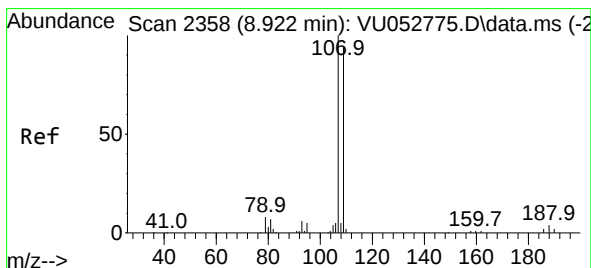
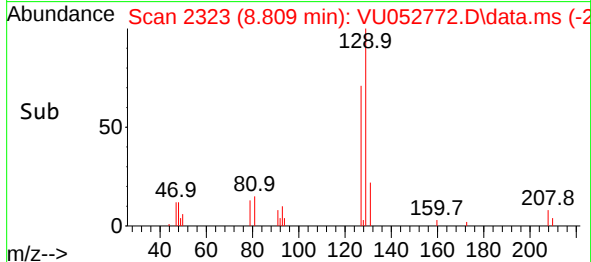
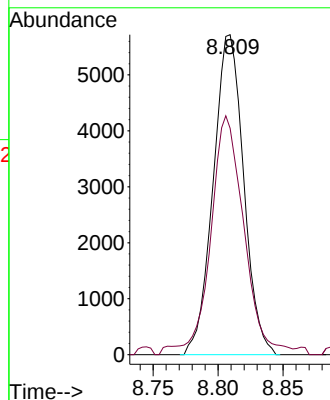
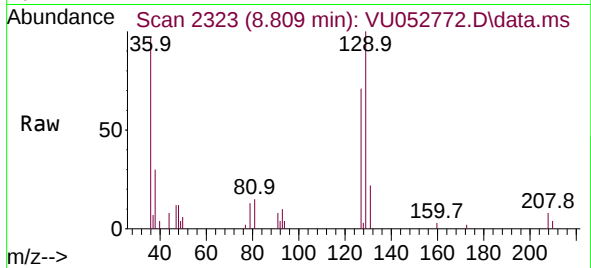




#55
Dibromochloromethane
Concen: 0.807 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

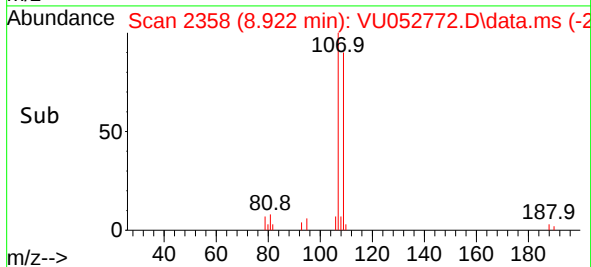
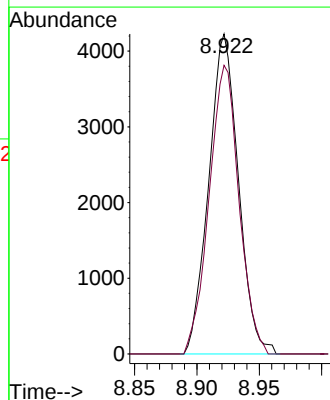
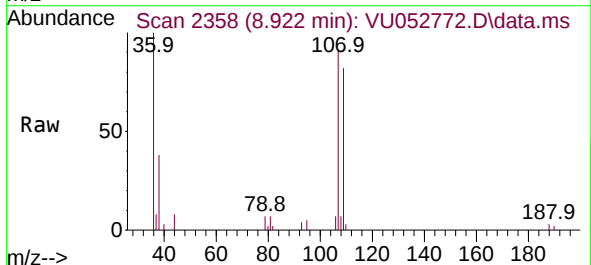
Instrument :
MSVOA_U
ClientSampleId :

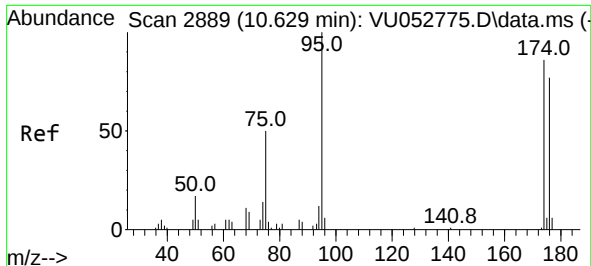
Tgt Ion:129 Resp: 9319
Ion Ratio Lower Upper
129 100
127 81.6 61.5 92.3



#56
1,2-Dibromoethane
Concen: 0.768 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:107 Resp: 6998
Ion Ratio Lower Upper
107 100
109 90.9 0.0 190.4

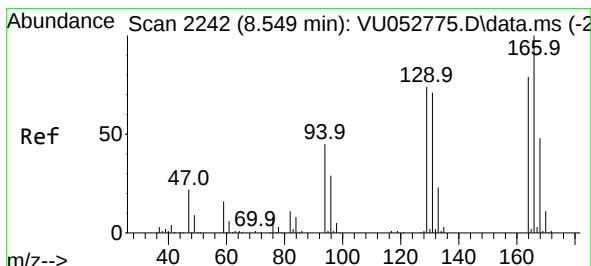
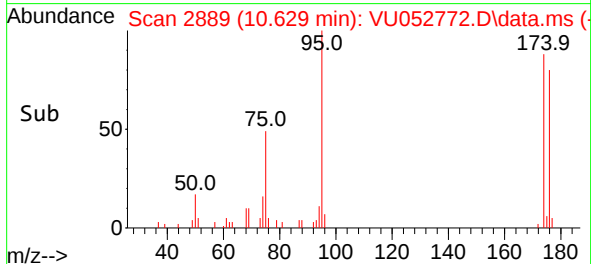
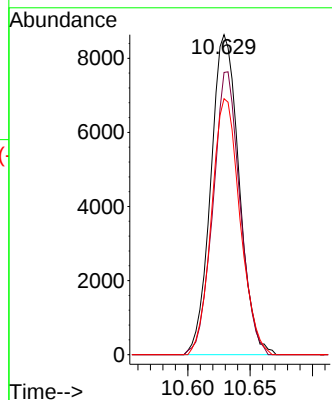
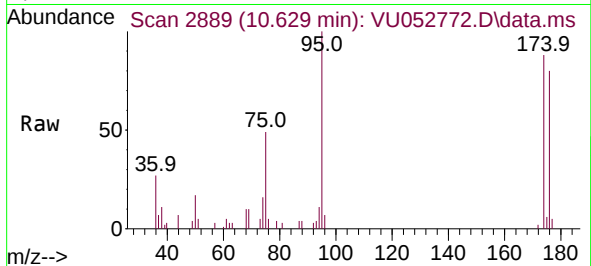




#57
4-Bromofluorobenzene
Concen: 0.891 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

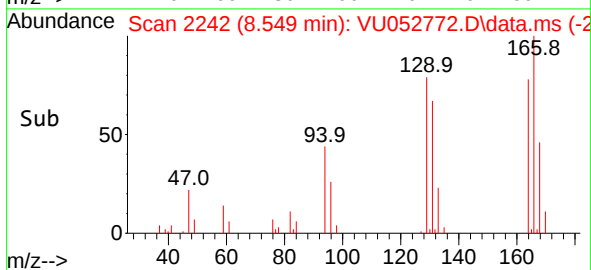
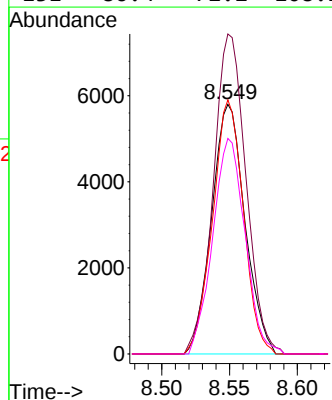
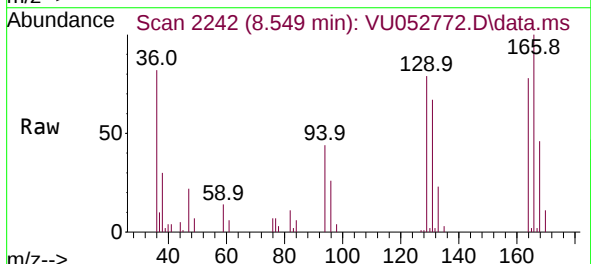
Instrument :
MSVOA_U
ClientSampleId :

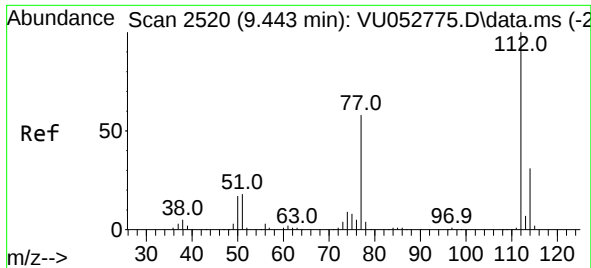
Tgt Ion: 95 Resp: 13661
Ion Ratio Lower Upper
95 100
174 84.3 66.9 100.3
176 80.3 61.9 92.9



#58
Tetrachloroethene
Concen: 0.815 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 164 Resp: 9914
Ion Ratio Lower Upper
164 100
166 128.2 101.5 152.3
129 101.8 75.2 112.8
131 86.4 72.2 108.2

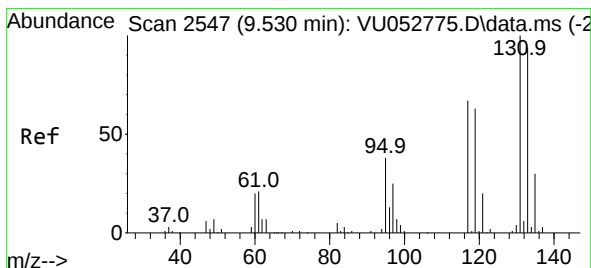
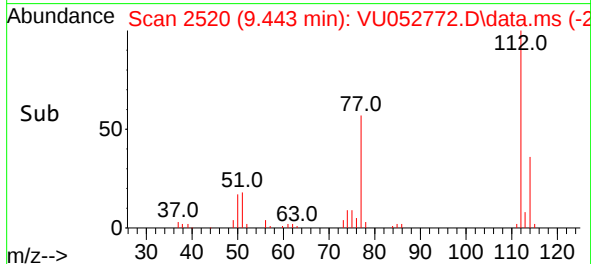
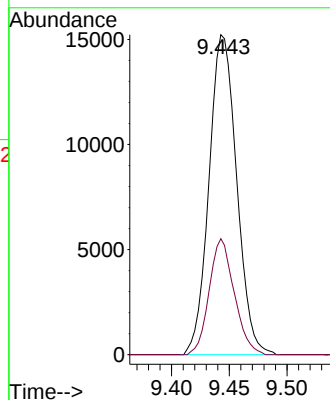
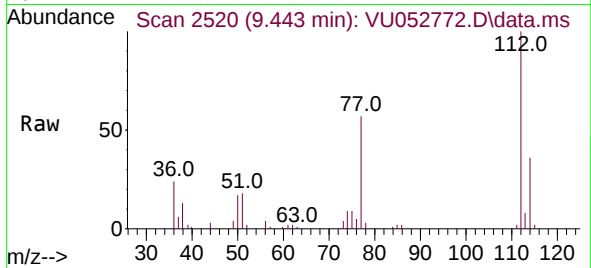




#59
Chlorobenzene
Concen: 0.759 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

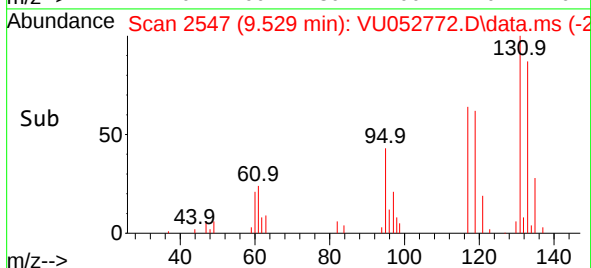
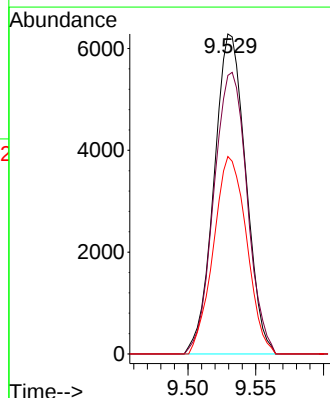
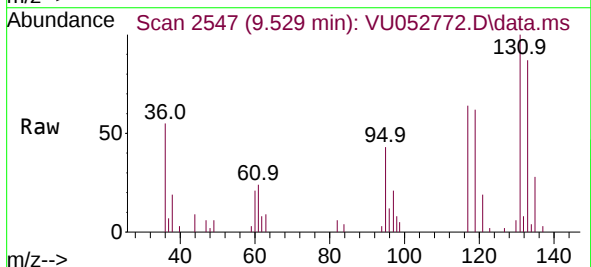
Instrument :
MSVOA_U
ClientSampleId :

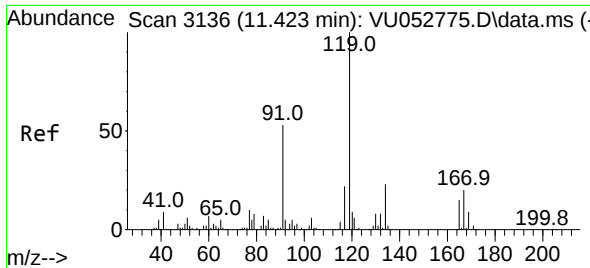
Tgt Ion:112 Resp: 25361
Ion Ratio Lower Upper
112 100
114 36.2 25.2 37.8



#60
1,1,1,2-Tetrachloroethane
Concen: 0.858 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:131 Resp: 10249
Ion Ratio Lower Upper
131 100
133 92.3 77.2 115.8
119 64.4 50.8 76.2

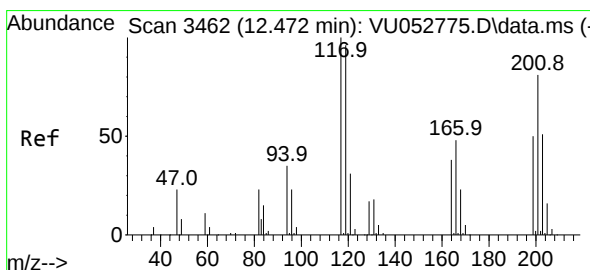
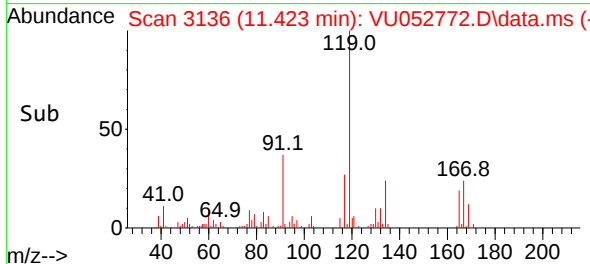
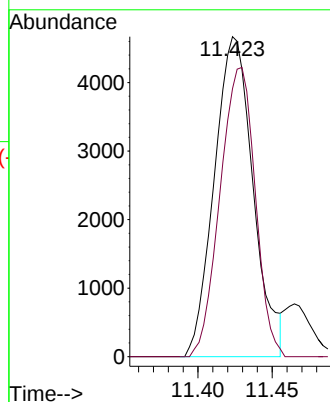
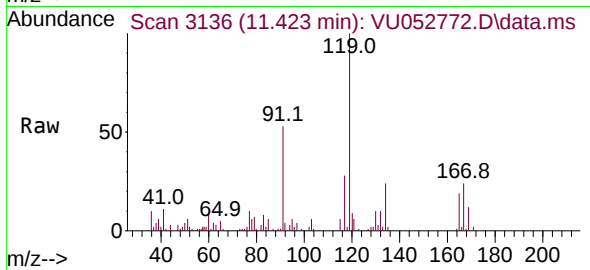




#61
 Pentachloroethane
 Concen: 0.851 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

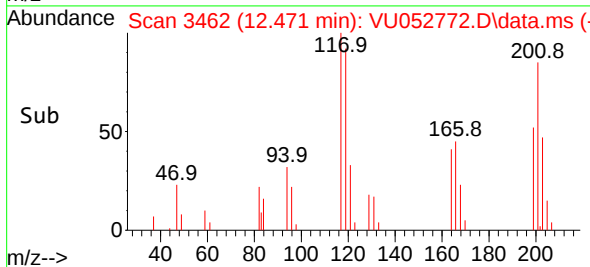
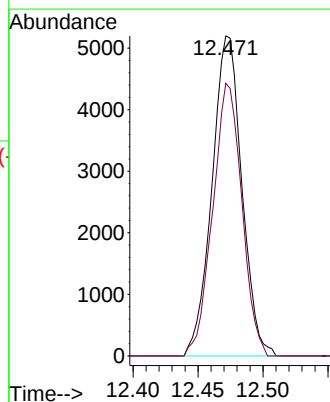
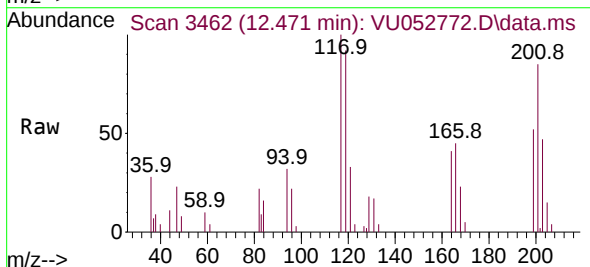
Instrument :
 MSVOA_U
 ClientSampleId :

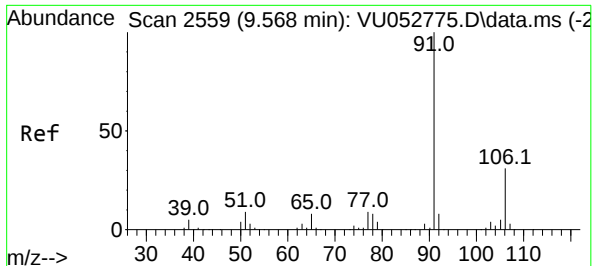
Tgt Ion:117 Resp: 8493
 Ion Ratio Lower Upper
 117 100
 167 81.7 66.8 100.2



#62
 Hexachloroethane
 Concen: 0.896 ug/l
 RT: 12.471 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Tgt Ion:117 Resp: 8298
 Ion Ratio Lower Upper
 117 100
 201 83.1 64.6 97.0





#63

Ethyl Benzene

Concen: 0.740 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

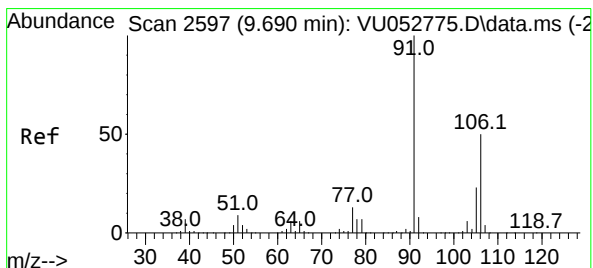
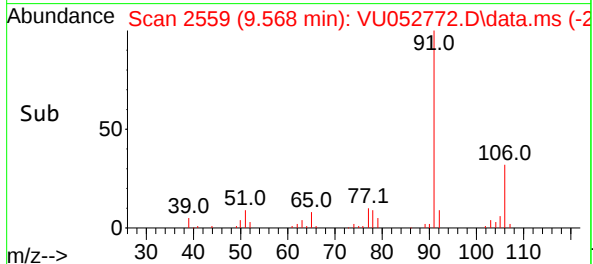
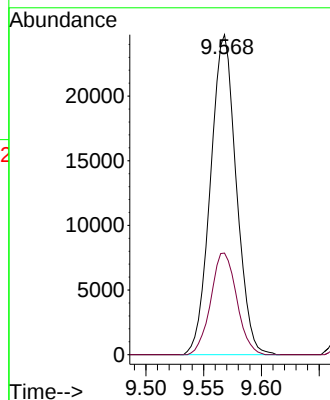
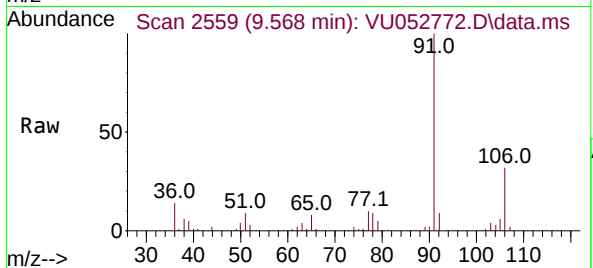
ClientSampleId :

Tgt Ion: 91 Resp: 38389

Ion Ratio Lower Upper

91 100

106 31.7 25.1 37.7



#64

m/p-Xylenes

Concen: 1.468 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU052772.D

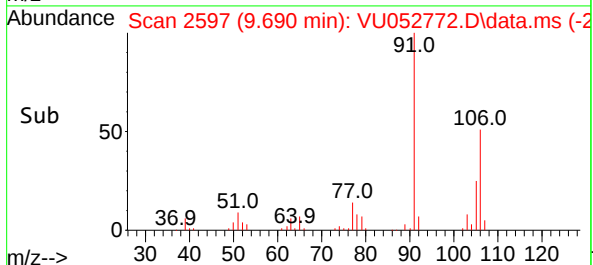
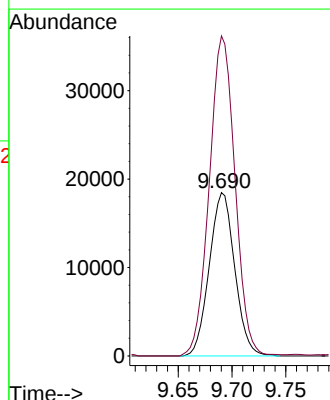
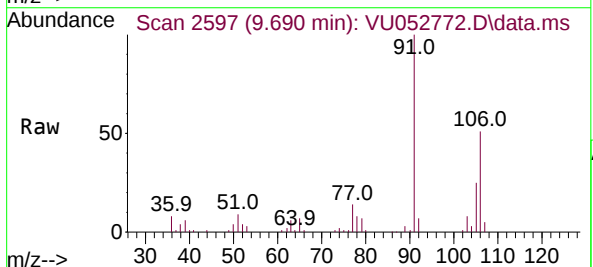
Acq: 23 Jan 2023 11:52

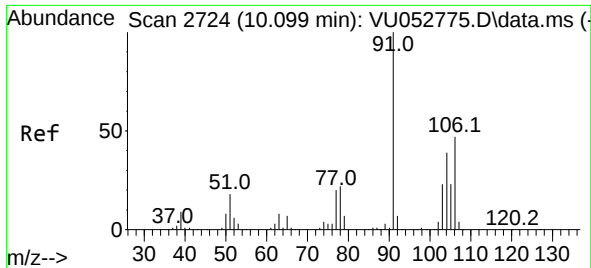
Tgt Ion:106 Resp: 30393

Ion Ratio Lower Upper

106 100

91 197.9 158.7 238.1

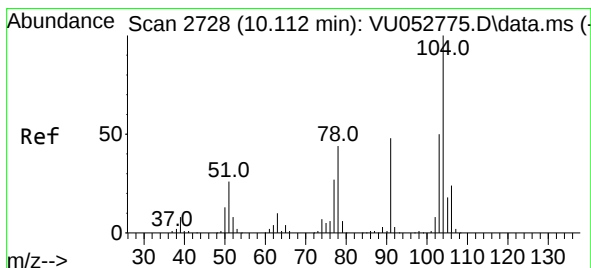
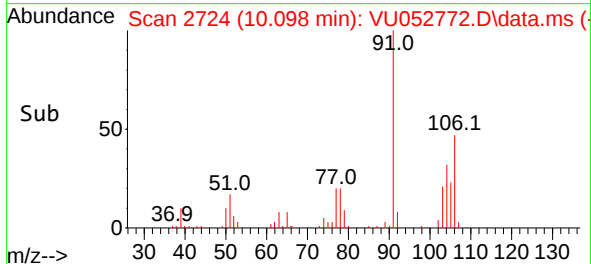
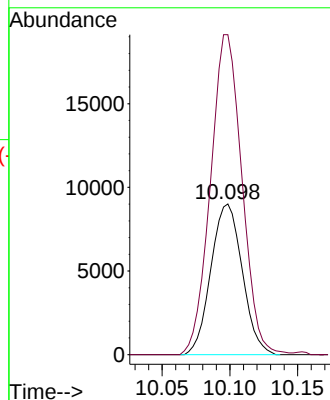
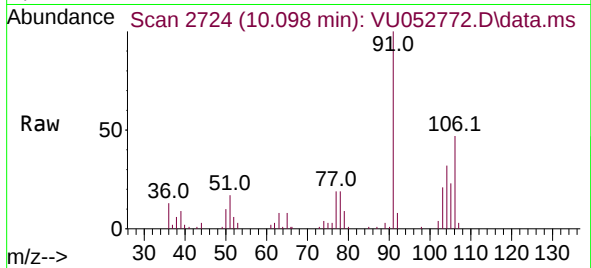




#65
o-Xylene
Concen: 0.732 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

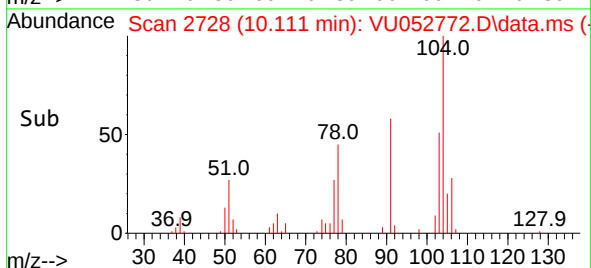
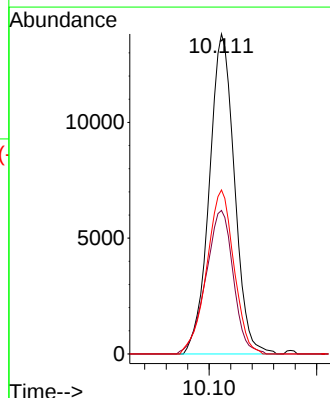
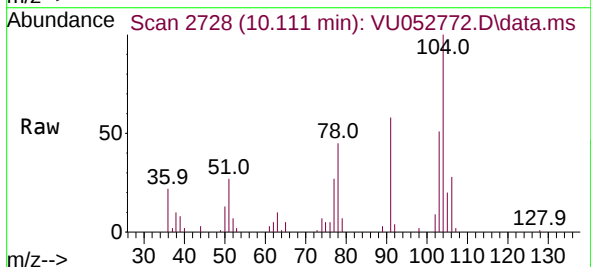
Instrument :
MSVOA_U
ClientSampleId :

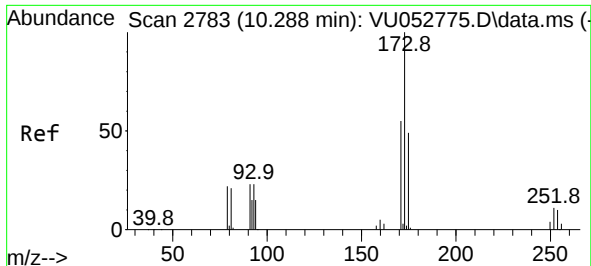
Tgt Ion:106 Resp: 14501
Ion Ratio Lower Upper
106 100
91 213.0 105.6 316.8



#66
Styrene
Concen: 0.679 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:104 Resp: 22491
Ion Ratio Lower Upper
104 100
78 48.9 39.6 59.4
103 55.1 42.9 64.3

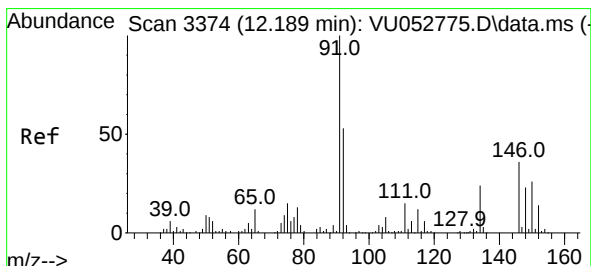
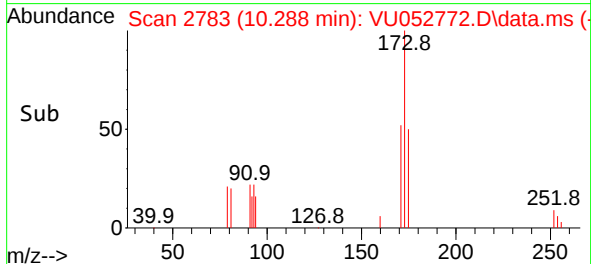
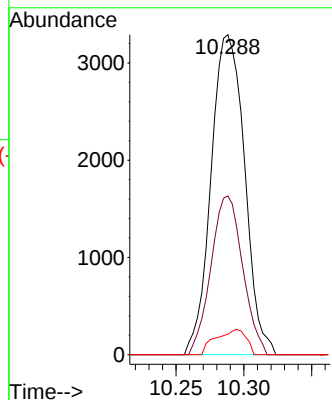
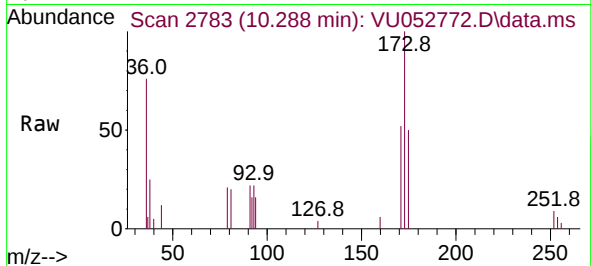




#67
Bromoform
Concen: 0.786 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

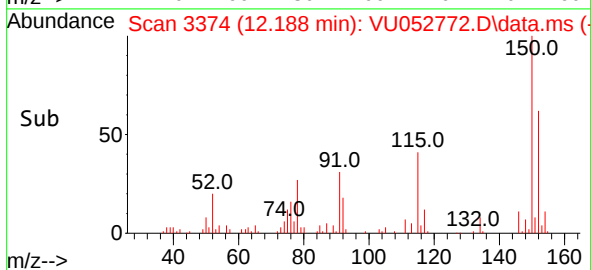
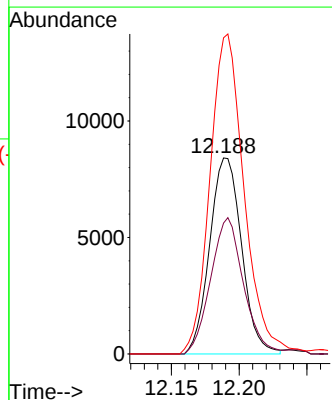
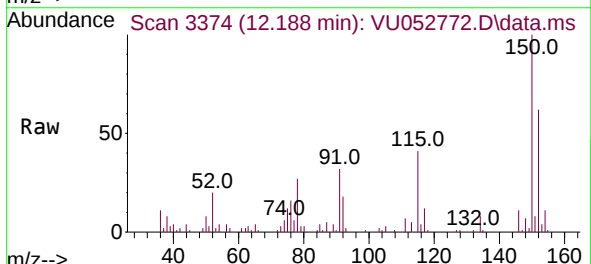
Instrument :
MSVOA_U
ClientSampleId :

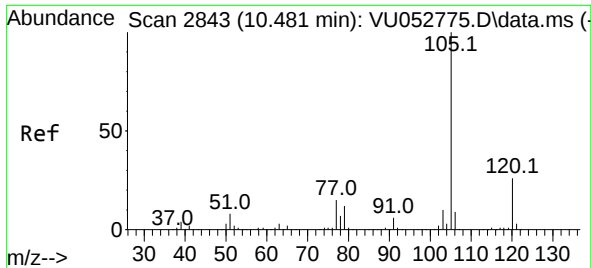
Tgt Ion:173 Resp: 5667
Ion Ratio Lower Upper
173 100
175 46.9 39.5 59.3
254 7.1 8.0 12.0#



#68
1,2-Dichlorobenzene-d4
Concen: 0.757 ug/l
RT: 12.188 min Scan# 3374
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:152 Resp: 13783
Ion Ratio Lower Upper
152 100
115 71.5 0.0 262.6
150 174.6 0.0 638.0

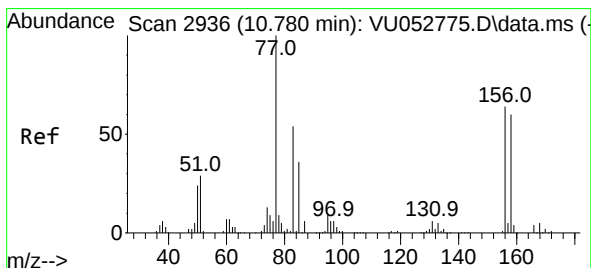
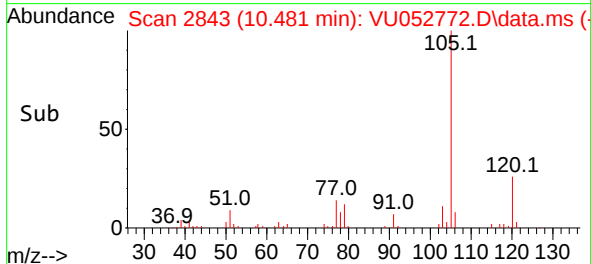
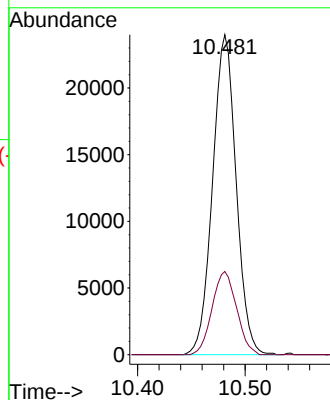
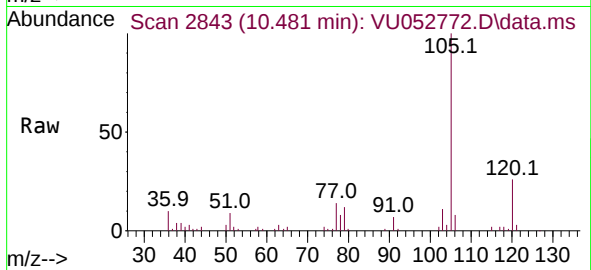




#69
Isopropylbenzene
Concen: 0.708 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

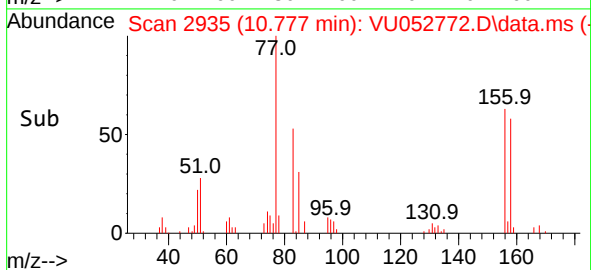
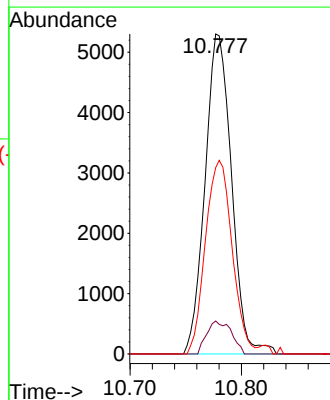
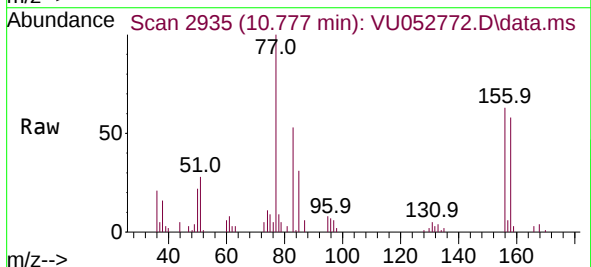
Instrument :
MSVOA_U
ClientSampleId :

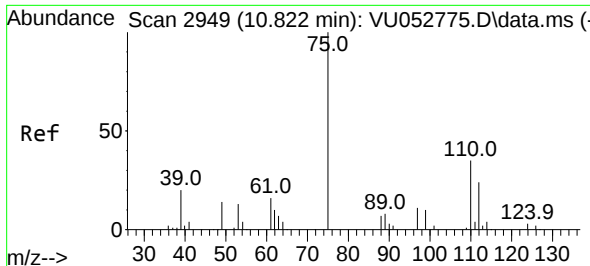
Tgt Ion:105 Resp: 36483
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#70
1,1,2,2-Tetrachloroethane
Concen: 0.711 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

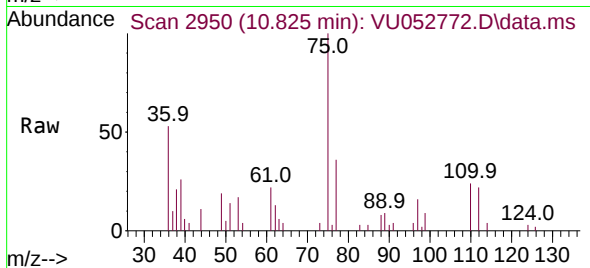
Tgt Ion: 83 Resp: 8756
Ion Ratio Lower Upper
83 100
131 9.5 8.6 13.0
85 60.9 52.6 78.8



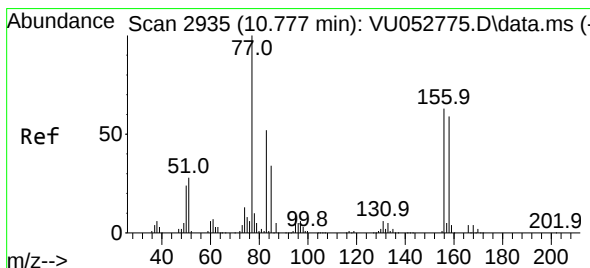
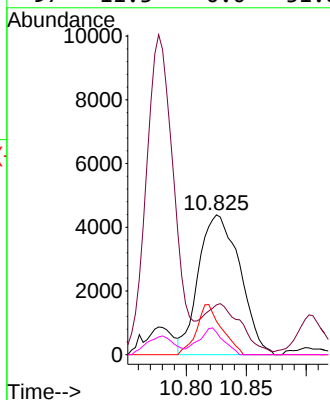
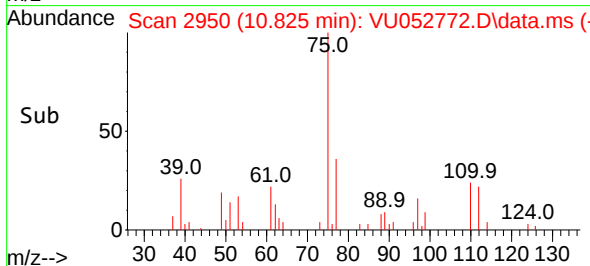


#71
1,2,3-Trichloropropane
Concen: 1.087 ug/l
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

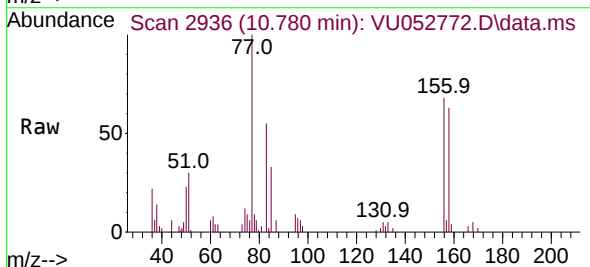
Instrument :
MSVOA_U
ClientSampleId :



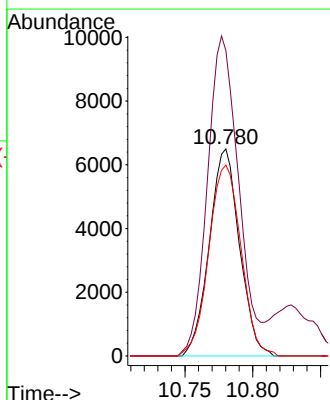
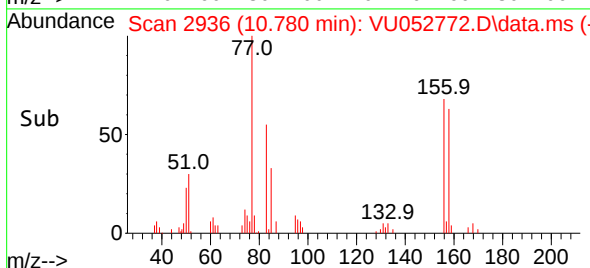
Tgt Ion:	75	Resp:	10532
Ion Ratio	100	Lower	Upper
75	100		
77	30.8	0.0	86.0
110	21.7	0.0	63.8
97	11.3	0.0	31.8

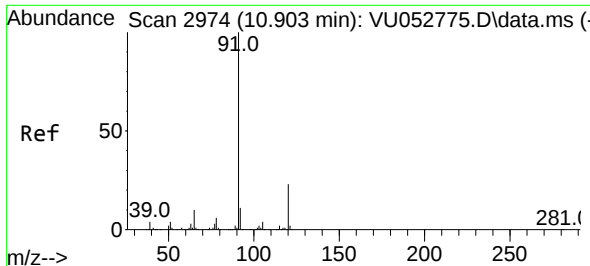


#72
Bromobenzene
Concen: 0.667 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion:	156	Resp:	10072
Ion Ratio	100	Lower	Upper
156	100		
77	158.5	0.0	321.2
158	98.1	0.0	192.0

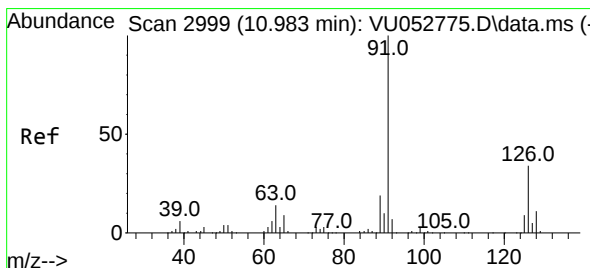
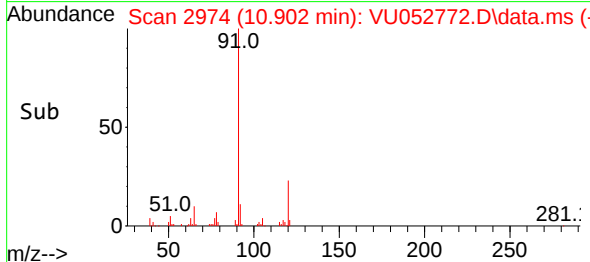
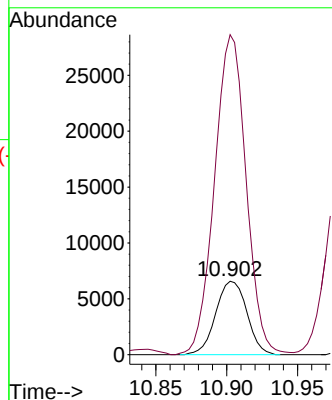
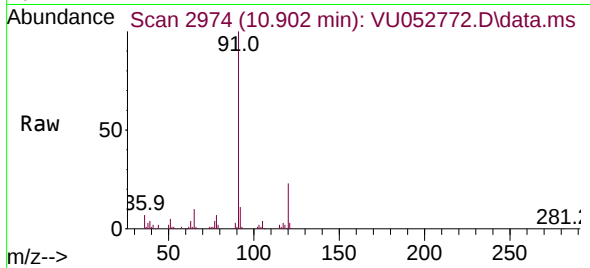




#73
n-propylbenzene
Concen: 0.686 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

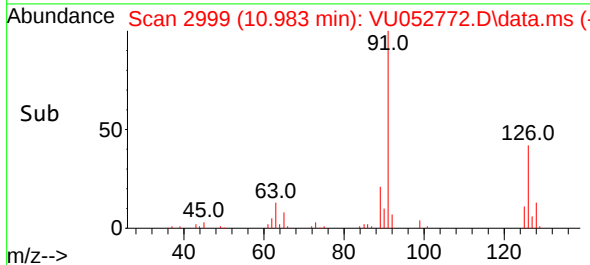
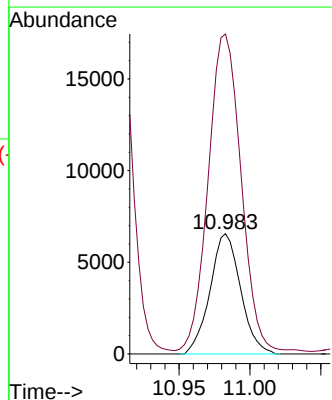
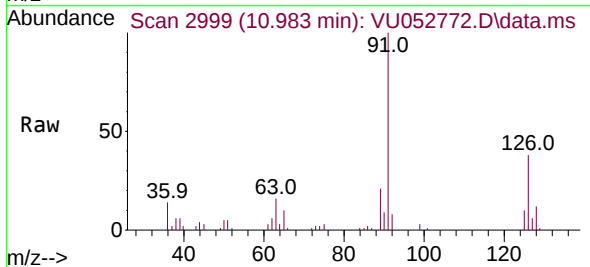
Instrument :
MSVOA_U
ClientSampleId :

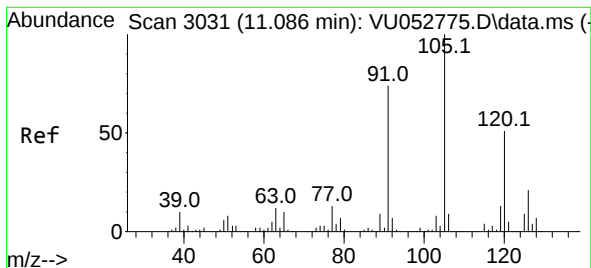
Tgt Ion:120 Resp: 10039
Ion Ratio Lower Upper
120 100
91 442.9 348.0 522.0



#74
2-Chlorotoluene
Concen: 0.713 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:126 Resp: 9826
Ion Ratio Lower Upper
126 100
91 284.4 0.0 588.6





#75

1,3,5-Trimethylbenzene

Concen: 0.704 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

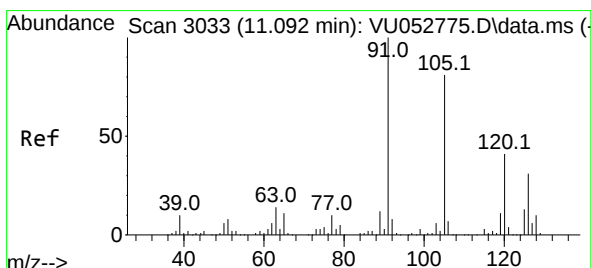
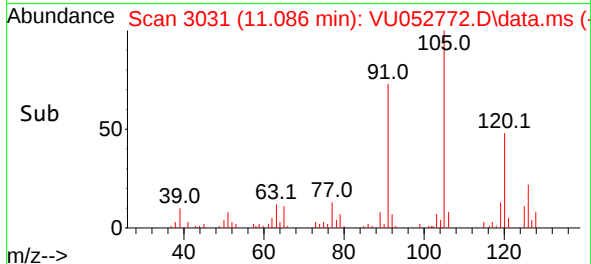
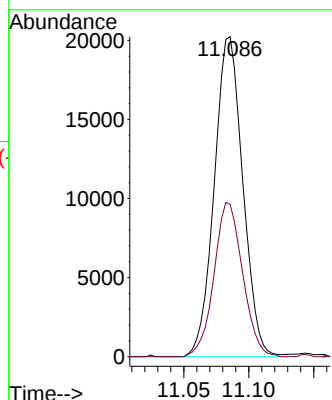
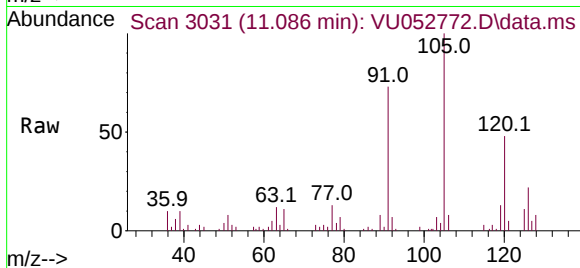
ClientSampleId :

Tgt Ion:105 Resp: 30863

Ion Ratio Lower Upper

105 100

120 48.3 39.9 59.9



#76

4-Chlorotoluene

Concen: 0.656 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU052772.D

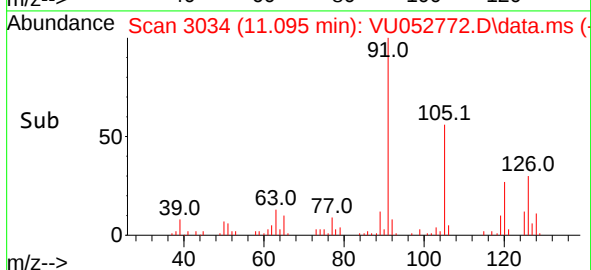
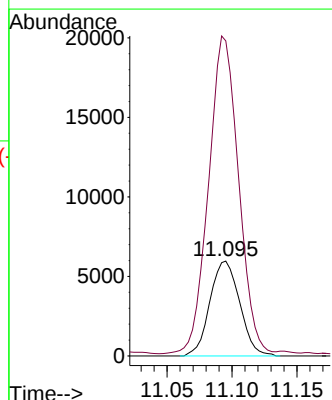
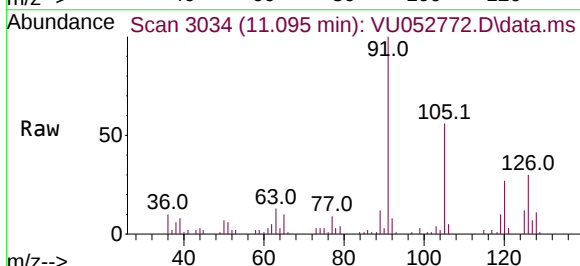
Acq: 23 Jan 2023 11:52

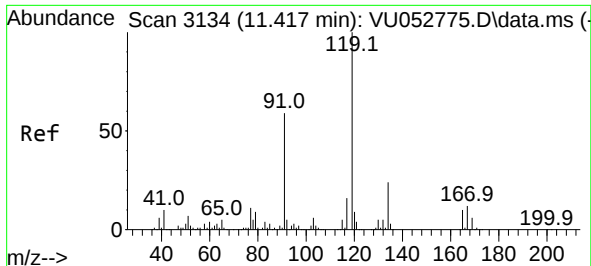
Tgt Ion:126 Resp: 9511

Ion Ratio Lower Upper

126 100

91 336.7 0.0 661.8

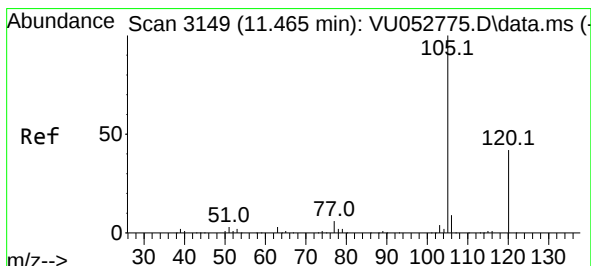
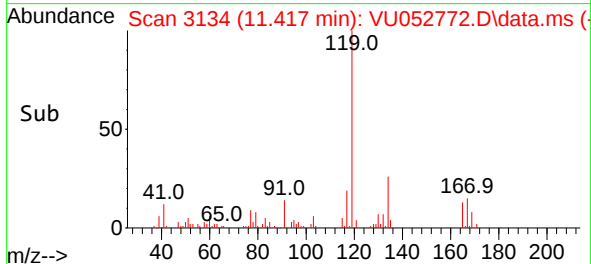
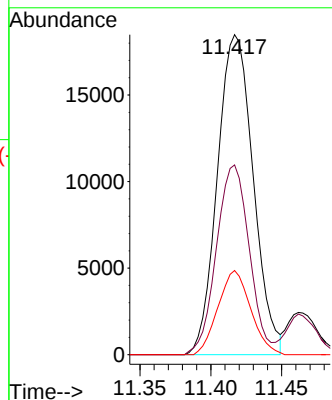
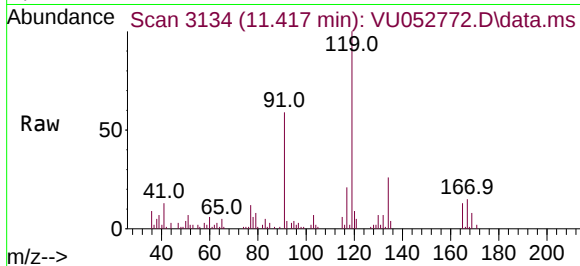




#77
tert-Butylbenzene
Concen: 0.732 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

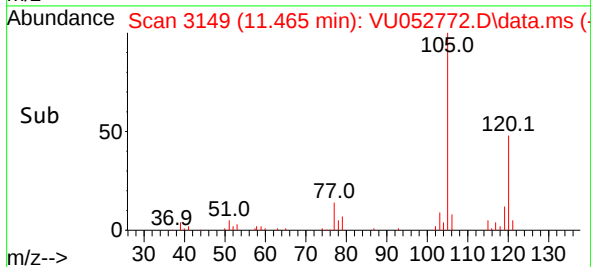
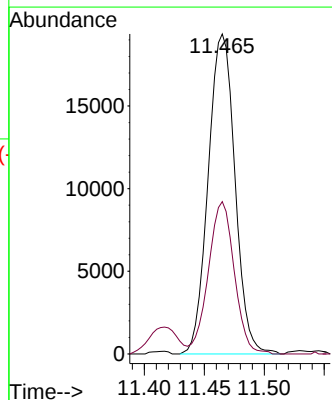
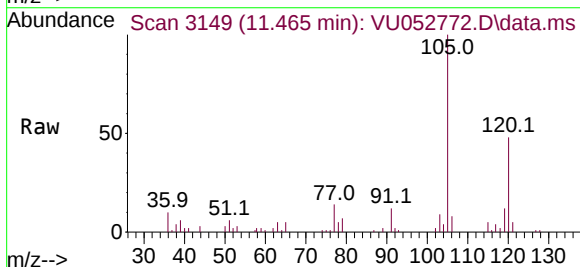
Instrument :
MSVOA_U
ClientSampleId :

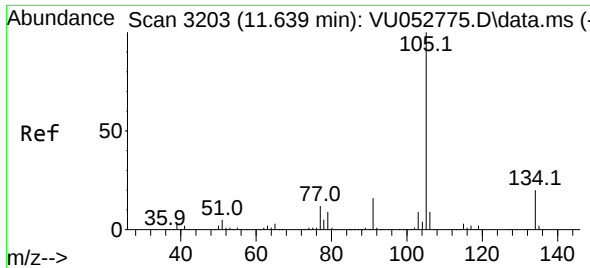
Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.1	28.4	85.3
134	24.0	18.6	27.8



#78
1,2,4-Trimethylbenzene
Concen: 0.670 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.4	70.3

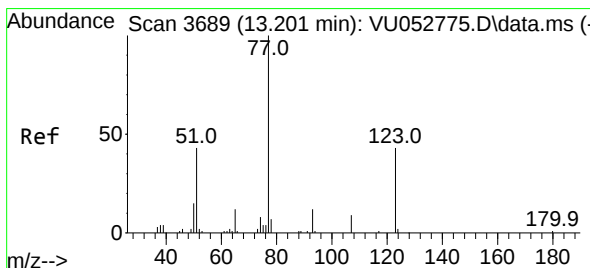
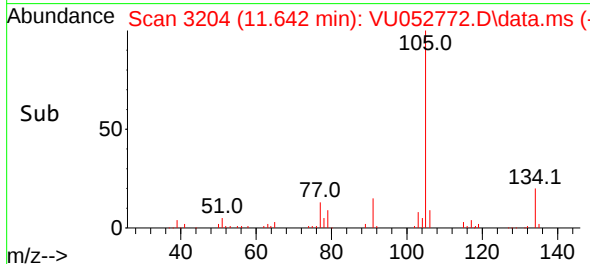
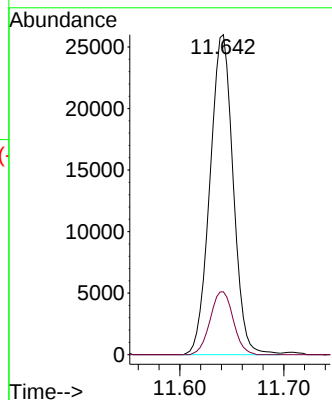
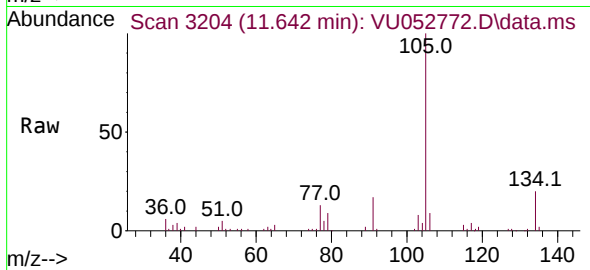




#79
 sec-Butylbenzene
 Concen: 0.696 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

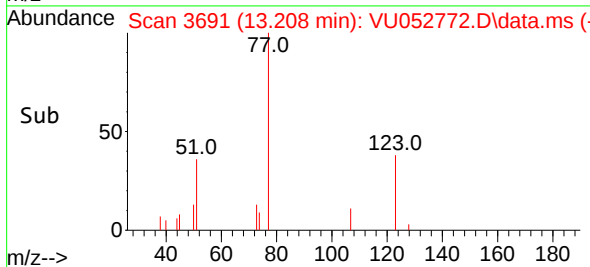
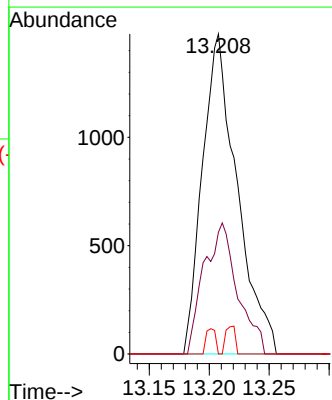
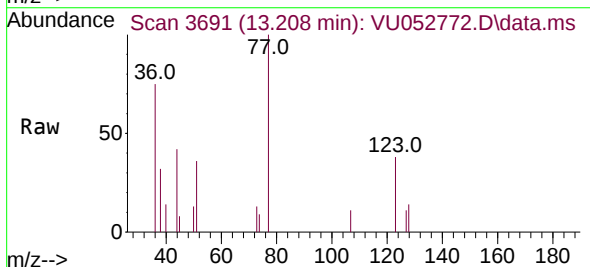
Instrument :
 MSVOA_U
 ClientSampleId :

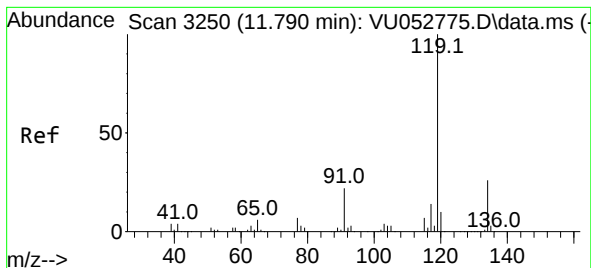
Tgt Ion:105 Resp: 40395
 Ion Ratio Lower Upper
 105 100
 134 19.5 16.5 24.7



#80
 Nitrobenzene
 Concen: 5.857 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.006 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Tgt Ion: 77 Resp: 2962
 Ion Ratio Lower Upper
 77 100
 123 39.7 18.8 66.8
 65 2.2 10.1 12.9#





#81

p-Isopropyltoluene

Concen: 0.668 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

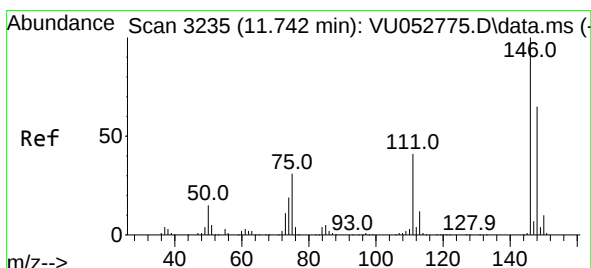
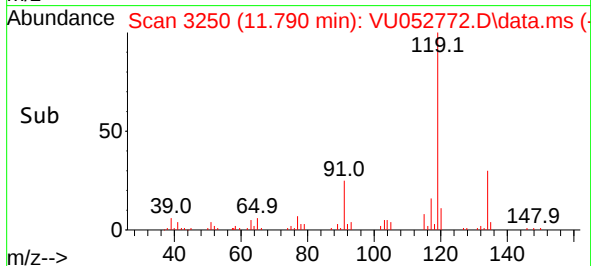
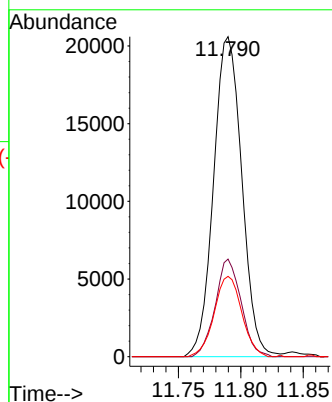
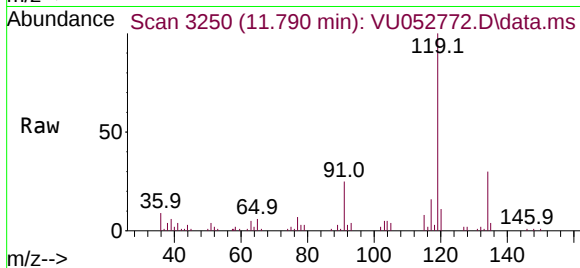
Tgt Ion:119 Resp: 32494

Ion Ratio Lower Upper

119 100

134 27.9 20.7 31.1

91 24.5 17.6 26.4



#82

1,3-Dichlorobenzene

Concen: 0.646 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

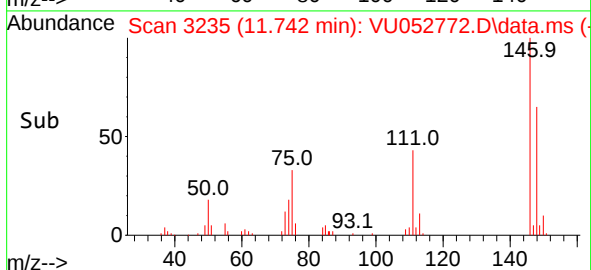
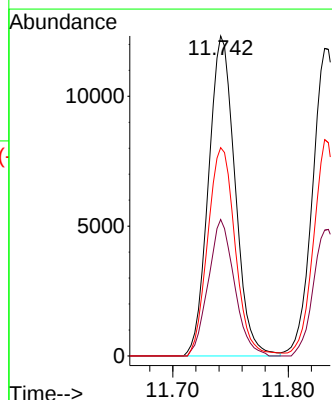
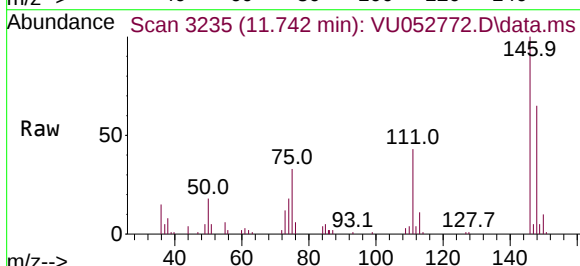
Tgt Ion:146 Resp: 19688

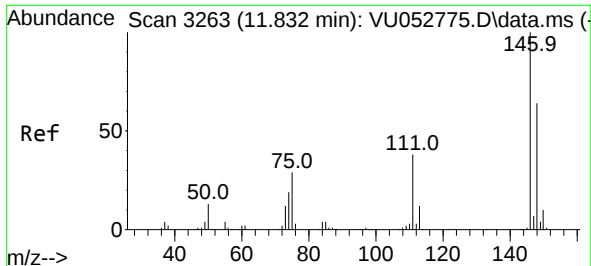
Ion Ratio Lower Upper

146 100

111 41.9 32.6 48.8

148 67.3 51.9 77.9

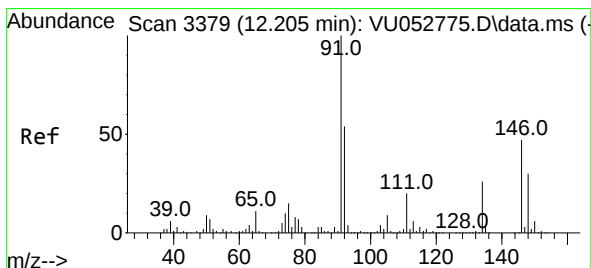
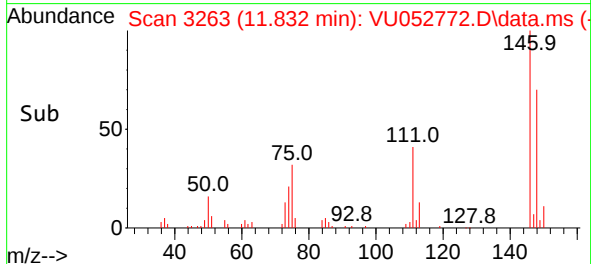
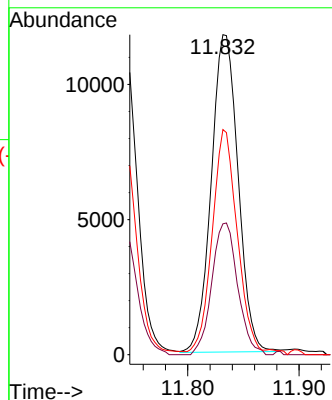
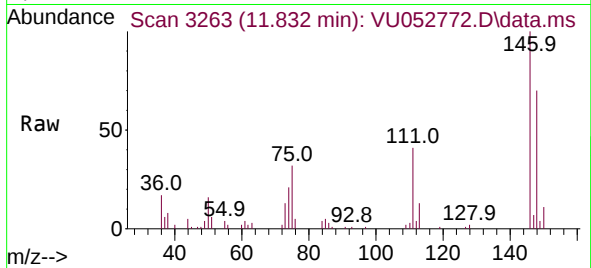




#83
1,4-Dichlorobenzene
Concen: 0.643 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

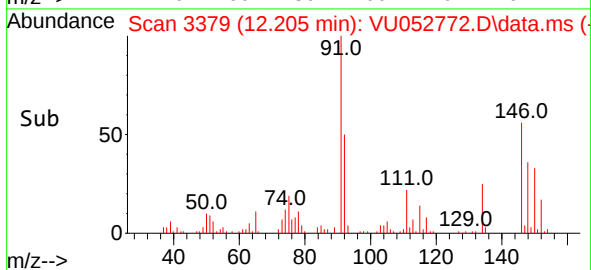
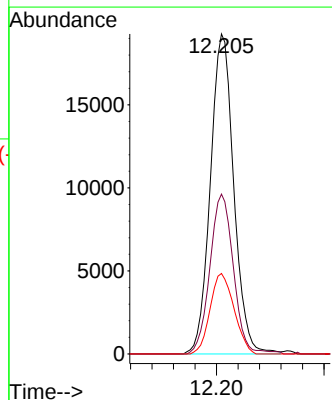
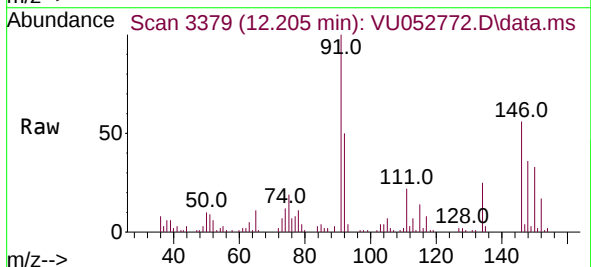
Instrument :
MSVOA_U
ClientSampleId :

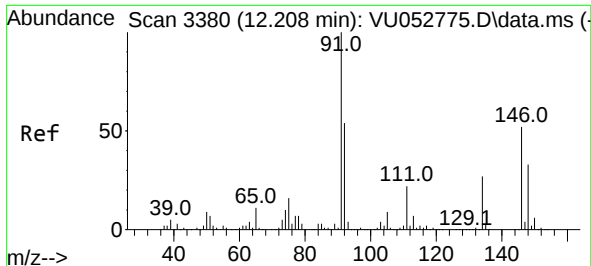
Tgt Ion:146 Resp: 19661
Ion Ratio Lower Upper
146 100
111 39.9 29.5 44.3
148 64.6 51.4 77.0



#84
n-Butylbenzene
Concen: 0.635 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 91 Resp: 29098
Ion Ratio Lower Upper
91 100
92 50.2 43.4 65.0
134 25.7 21.2 31.8

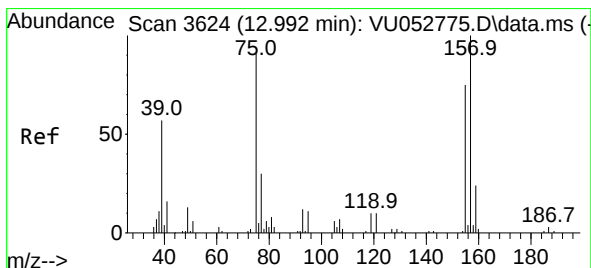
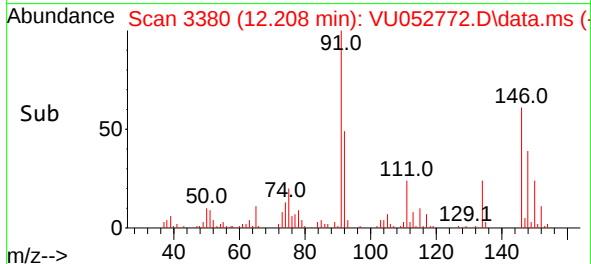
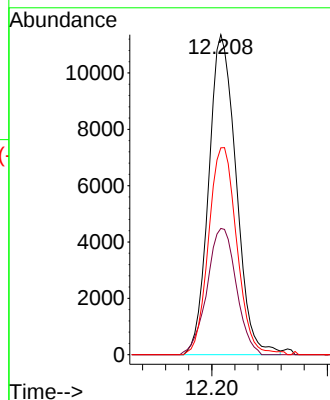
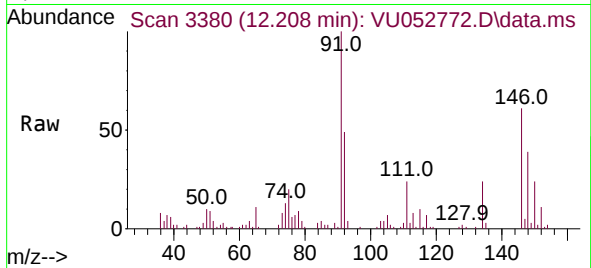




#85
 1,2-Dichlorobenzene
 Concen: 0.646 ug/l
 RT: 12.208 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

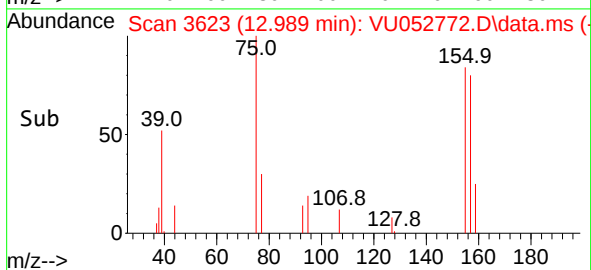
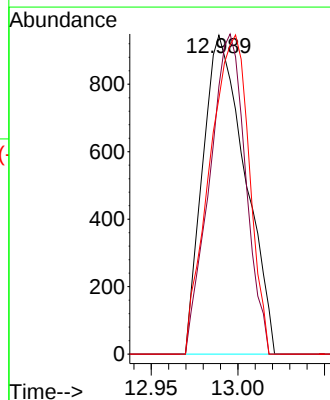
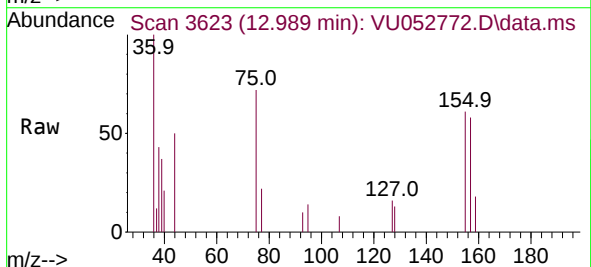
Instrument :
 MSVOA_U
 ClientSampleId :

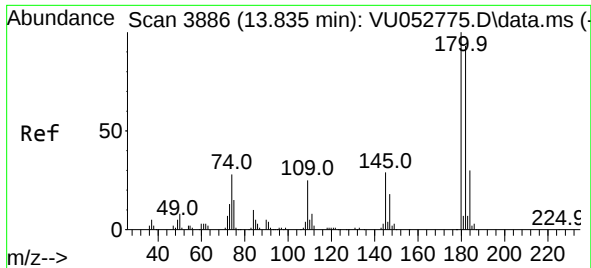
Tgt Ion:146 Resp: 18683
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.5
 148 66.8 31.4 94.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.806 ug/l
 RT: 12.989 min Scan# 3623
 Delta R.T. -0.003 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

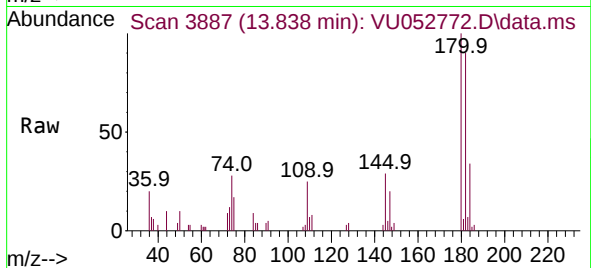
Tgt Ion: 75 Resp: 1607
 Ion Ratio Lower Upper
 75 100
 155 85.5 66.0 99.0
 157 93.8 85.9 128.9



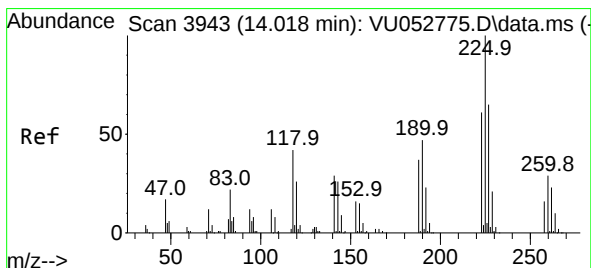
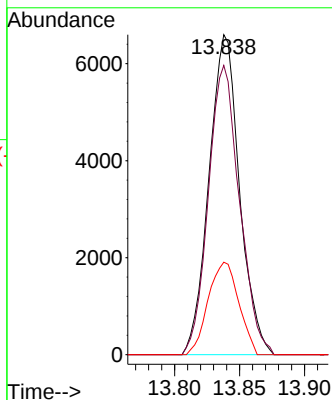
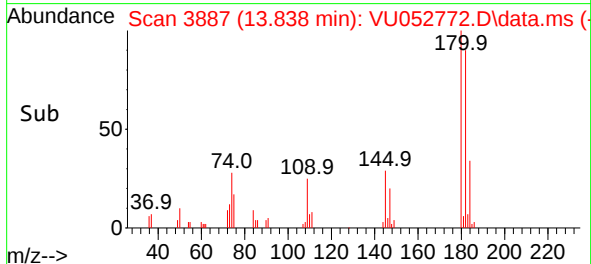


#87
 1,2,4-Trichlorobenzene
 Concen: 0.527 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

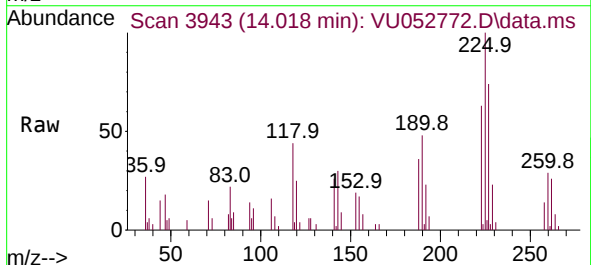
Instrument :
 MSVOA_U
 ClientSampleId :



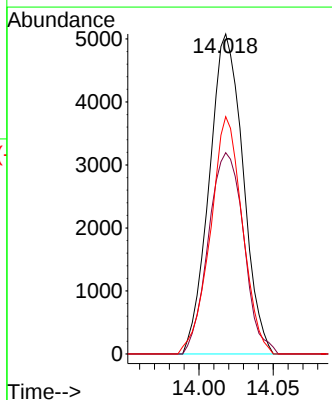
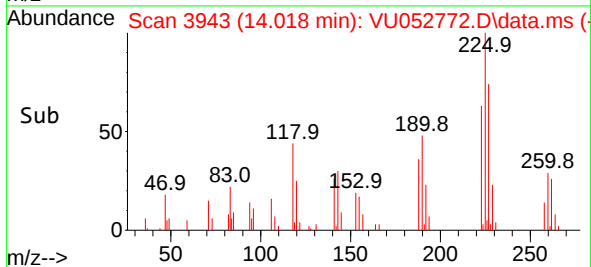
Tgt Ion:180 Resp: 10781
 Ion Ratio Lower Upper
 180 100
 182 92.0 74.6 112.0
 145 28.8 23.4 35.0

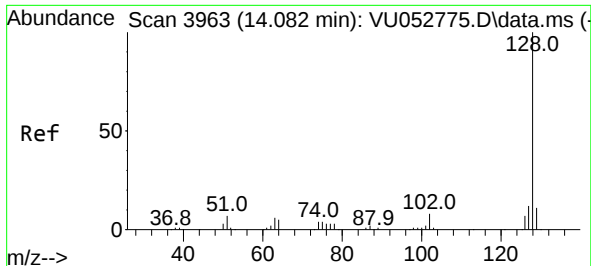


#88
 Hexachlorobutadiene
 Concen: 0.651 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. -0.000 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52



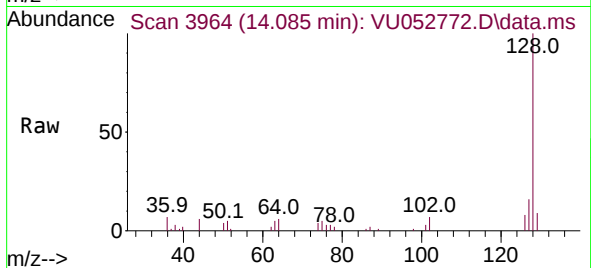
Tgt Ion:225 Resp: 8034
 Ion Ratio Lower Upper
 225 100
 223 65.9 49.8 74.6
 227 70.0 51.5 77.3



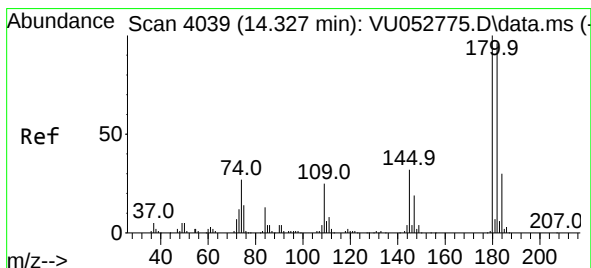
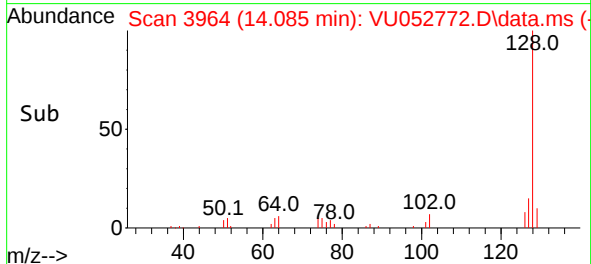
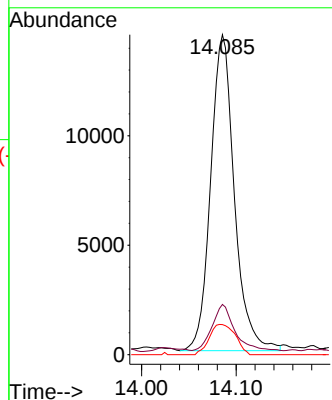


#89
Naphthalene
Concen: 0.782 ug/l
RT: 14.085 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 25156
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 10.4 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.542 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:180 Resp: 10316
Ion Ratio Lower Upper
180 100
182 91.4 77.8 116.6
145 33.0 25.2 37.8

