

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052775.D
 Acq On : 23 Jan 2023 13:29
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 04:35:50 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	6.112	96	42269	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	14928	0.988	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	15635	0.872	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	147047	9.802	ug/l	100
3) Chloromethane	1.520	50	130499	7.993	ug/l	100
4) Vinyl Chloride	1.604	62	133275	9.079	ug/l	100
5) Bromomethane	1.858	94	71324	7.908	ug/l	100
6) Chloroethane	1.935	64	79208	8.771	ug/l	100
7) Trichlorofluoromethane	2.141	101	193188	9.739	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	105120	9.273	ug/l	100
9) 1,1-Dichloroethene	2.581	96	100356	8.942	ug/l	100
10) Iodomethane	2.723	142	123807	14.548	ug/l	100
11) Allyl Chloride	2.922	41	121063	7.989	ug/l	100
12) Acrylonitrile	3.321	53	44616	16.030	ug/l	100
13) Acetone	2.652	43	140247	58.480	ug/l	100
14) Carbon Disulfide	2.793	76	331868	9.260	ug/l	100
15) Methylene Chloride	3.044	84	108491	6.095	ug/l	100
16) trans-1,2-Dichloroethene	3.350	96	110497	8.956	ug/l	100
17) 1,1-Dichloroethane	3.867	63	186164	9.177	ug/l	100
18) 2-Butanone	4.726	43	169297	54.760	ug/l	100
19) Cyclohexane	5.382	56	144774	9.330	ug/l	90
20) Methylcyclohexane	6.758	83	200472	11.435	ug/l	100
21) 2,2-Dichloropropane	4.662	77	170250	10.104	ug/l	100
22) cis-1,2-Dichloroethene	4.662	96	114684	9.090	ug/l	100
23) Diethyl Ether	2.376	59	72844	8.740	ug/l	100
24) tert-Butyl Alcohol	3.257	59	19040	21.018	ug/l	# 1
25) Methyl tert-Butyl Ether	3.366	73	232205	8.409	ug/l	100
26) Bromochloromethane	4.970	128	52276	8.390	ug/l	100
27) Chloroform	5.086	83	199087	9.241	ug/l	100
28) 1,1,1-Trichloroethane	5.311	97	185553	10.041	ug/l	100
29) 1,1-Dichloropropene	5.520	75	158255	10.181	ug/l	100
30) Carbon Tetrachloride	5.517	117	172165	10.600	ug/l	100
31) Isopropyl Ether	3.996	45	267501	9.539	ug/l	100
32) Ethyl-t-butyl ether	4.504	59	256370	9.459	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	234225	9.597	ug/l	100
34) Propionitrile	4.806	54	40850	42.919	ug/l	100
35) Benzene	5.771	78	460993	9.918	ug/l	100
36) 1,2-Dichloroethane	5.793	62	136301	9.938	ug/l	100
37) Trichloroethene	6.539	130	126208	9.427	ug/l	100
38) 1,2-Dichloropropane	6.790	63	118379	10.017	ug/l	100
39) Methacrylonitrile	4.977	41	32678	9.572	ug/l	100
40) Methyl acrylate	4.851	55	60575	10.684	ug/l	100
41) Tetrahydrofuran	5.073	42	30439	15.998	ug/l	100
42) 1-Chlorobutane	5.456	56	199078	9.983	ug/l	100
43) Dibromomethane	6.916	93	58088	8.731	ug/l	100
44) Bromodichloromethane	7.105	83	157969	10.042	ug/l	100

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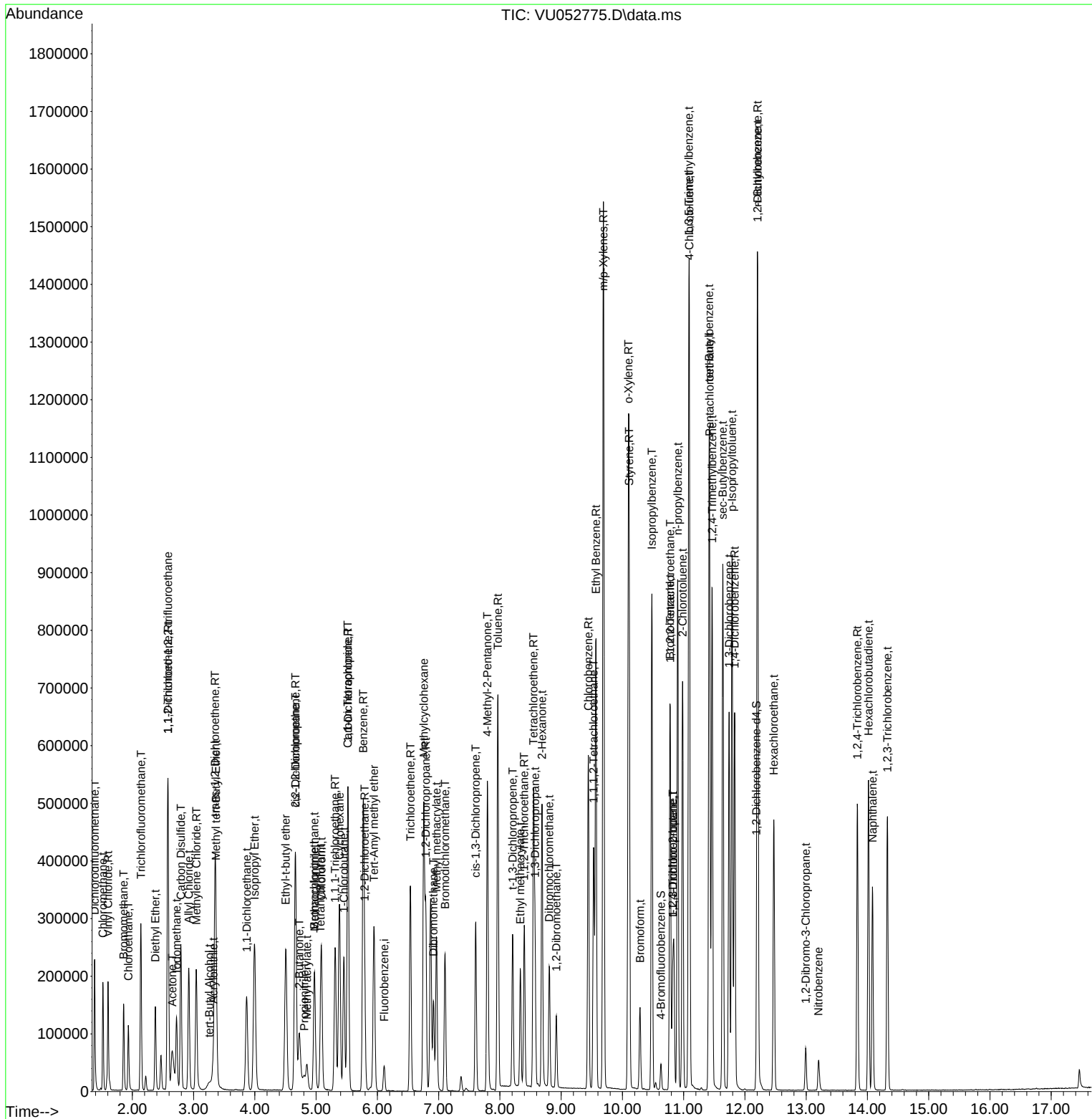
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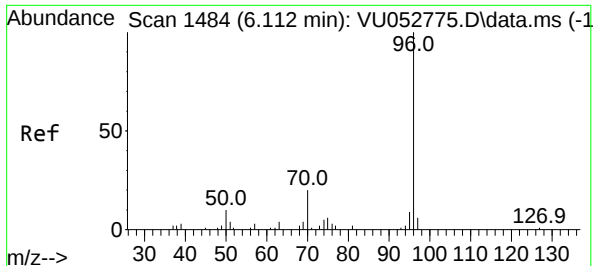
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	337637	49.129	ug/l	100
46) t-1,4-Dichloro-2-butene	10.822	75	138509	42.339	ug/l #	59
47) Methyl methacrylate	6.964	69	116388	21.386	ug/l	100
48) Ethyl methacrylate	8.333	69	108163	10.813	ug/l	100
49) Toluene	7.967	92	292482	10.381	ug/l	100
50) t-1,3-Dichloropropene	8.208	75	148029	10.631	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	169670	10.581	ug/l	100
52) 1,1,2-Trichloroethane	8.398	97	85428	9.050	ug/l	100
53) 1,3-Dichloropropane	8.575	76	148695	9.512	ug/l	100
54) 2-Hexanone	8.687	43	291004	57.085	ug/l	100
55) Dibromochloromethane	8.806	129	110218	9.693	ug/l	100
56) 1,2-Dibromoethane	8.922	107	80951	9.015	ug/l	100
58) Tetrachloroethene	8.549	164	113784	9.495	ug/l	100
59) Chlorobenzene	9.443	112	314061	9.539	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.530	131	117862	10.011	ug/l	100
61) Pentachloroethane	11.423	117	97209	9.890	ug/l	100
62) Hexachloroethane	12.472	117	101298	11.105	ug/l	100
63) Ethyl Benzene	9.568	91	545999	10.681	ug/l	100
64) m/p-Xylenes	9.690	106	444620	21.805	ug/l	100
65) o-Xylene	10.099	106	210163	10.774	ug/l	100
66) Styrene	10.112	104	347775	10.659	ug/l	100
67) Bromoform	10.288	173	63717	8.970	ug/l	100
69) Isopropylbenzene	10.481	105	545217	10.743	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	107200	8.836	ug/l	100
71) 1,2,3-Trichloropropane	10.822	75	138509	14.515	ug/l	81
72) Bromobenzene	10.777	156	127382	8.567	ug/l	100
73) n-propylbenzene	10.903	120	153955	10.679	ug/l	100
74) 2-Chlorotoluene	10.983	126	132956	9.793	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	474306	10.986	ug/l	100
76) 4-Chlorotoluene	11.092	126	139042	9.732	ug/l	100
77) tert-Butylbenzene	11.417	119	469082	10.713	ug/l	100
78) 1,2,4-Trimethylbenzene	11.465	105	479730	10.863	ug/l	100
79) sec-Butylbenzene	11.639	105	616741	10.780	ug/l	100
80) Nitrobenzene	13.201	77	32545	65.325	ug/l	100
81) p-Isopropyltoluene	11.790	119	533255	11.133	ug/l	100
82) 1,3-Dichlorobenzene	11.742	146	264232	8.799	ug/l	100
83) 1,4-Dichlorobenzene	11.832	146	270149	8.968	ug/l	100
84) n-Butylbenzene	12.205	91	461352	10.225	ug/l	100
85) 1,2-Dichlorobenzene	12.208	146	251699	8.833	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.992	75	19514	9.931	ug/l	100
87) 1,2,4-Trichlorobenzene	13.835	180	159189	7.893	ug/l	100
88) Hexachlorobutadiene	14.018	225	103135	8.488	ug/l	100
89) Naphthalene	14.082	128	288146	9.092	ug/l	100
90) 1,2,3-Trichlorobenzene	14.327	180	150488	8.019	ug/l	100

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

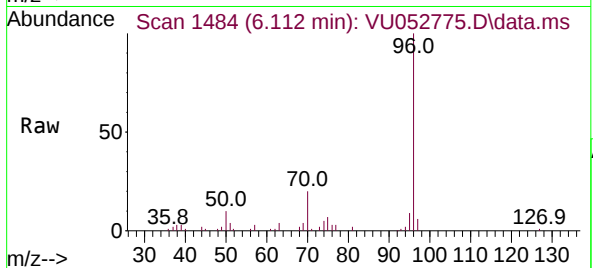
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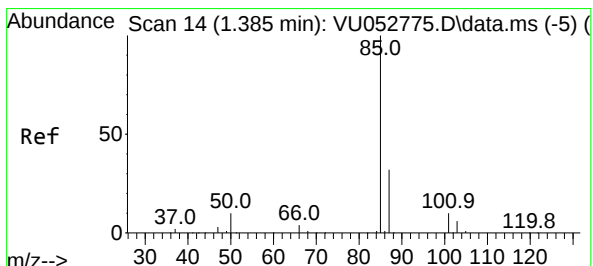
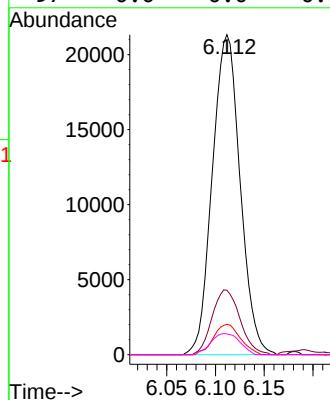
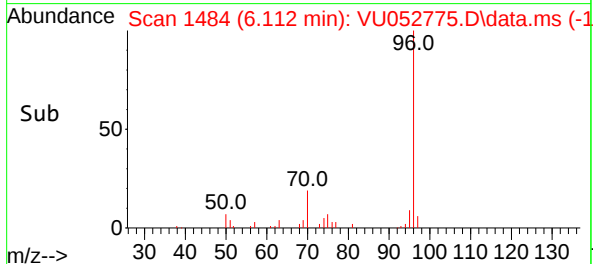


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

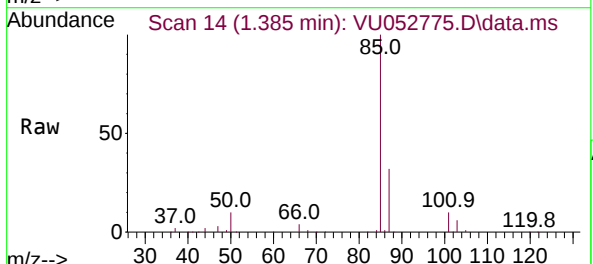
Instrument :
MSVOA_U
ClientSampleId :



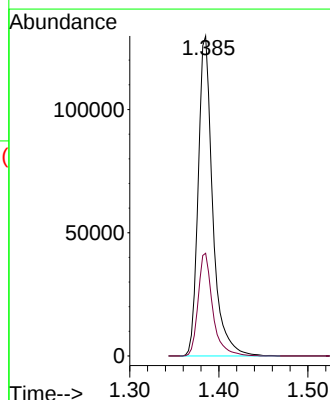
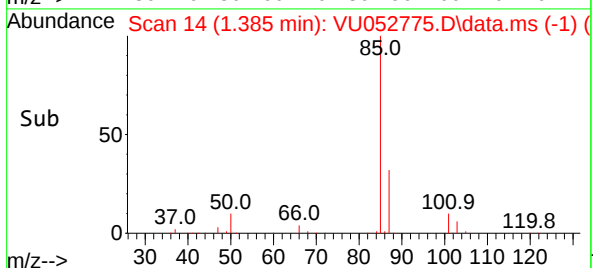
Tgt Ion: 96	Resp: 42269
Ion Ratio	Lower Upper
96 100	
70 20.3	16.2 24.4
95 9.2	7.4 11.0
97 0.0	0.0 0.0

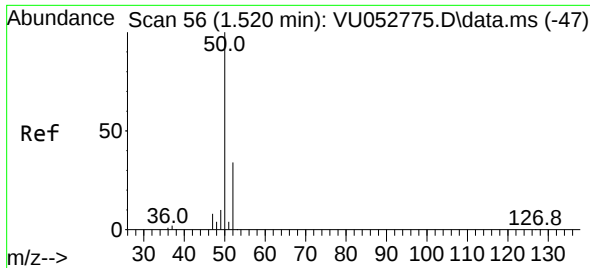


#2
Dichlorodifluoromethane
Concen: 9.802 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29



Tgt Ion: 85	Resp: 147047
Ion Ratio	Lower Upper
85 100	
87 32.1	16.1 48.2

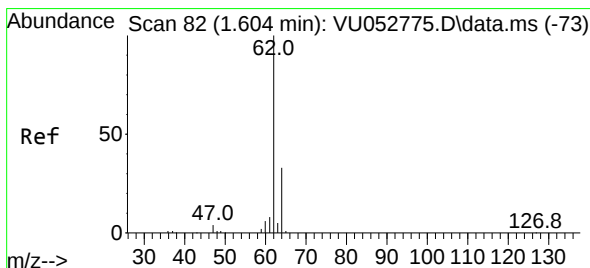
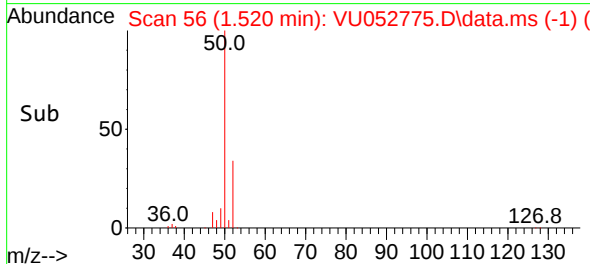
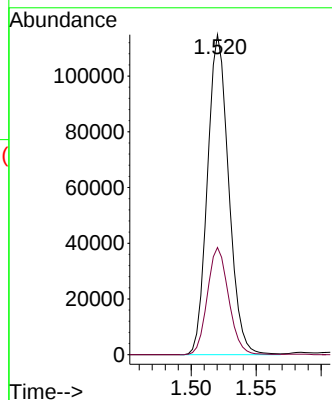
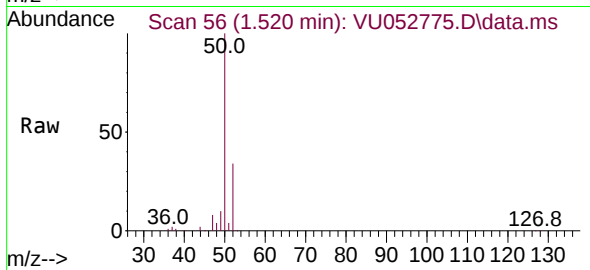




#3
Chloromethane
Concen: 7.993 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

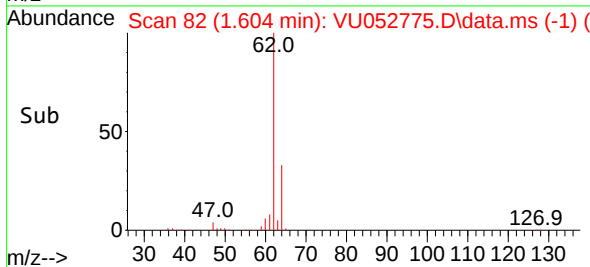
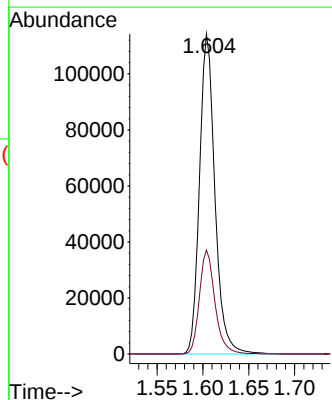
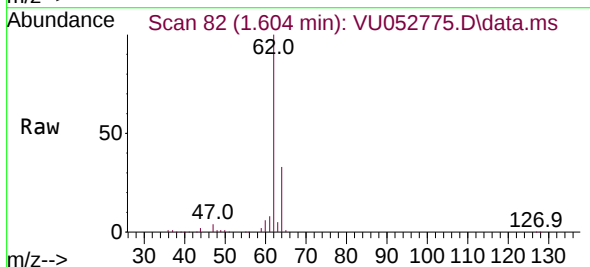
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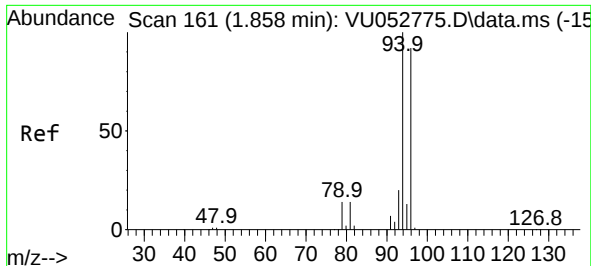
Tgt Ion: 50 Resp: 130499
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2



#4
Vinyl Chloride
Concen: 9.079 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 62 Resp: 133275
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

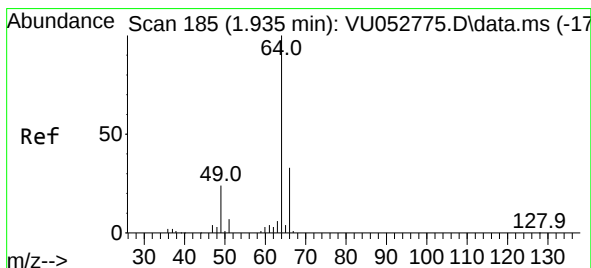
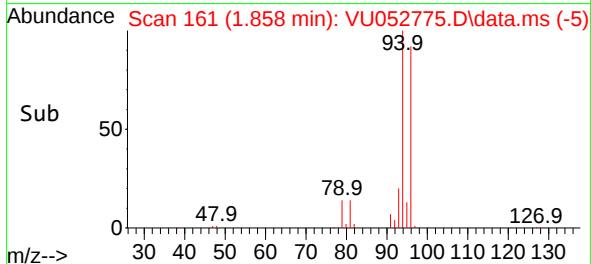
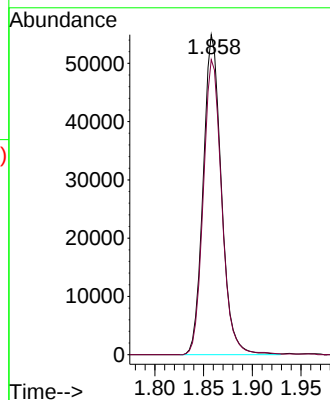
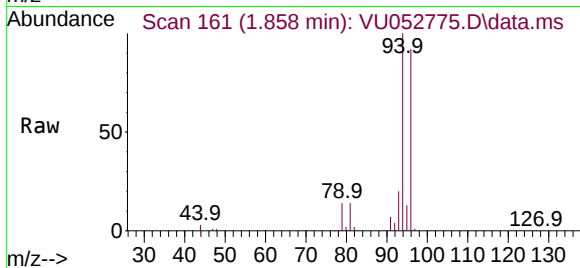




#5
Bromomethane
Concen: 7.908 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

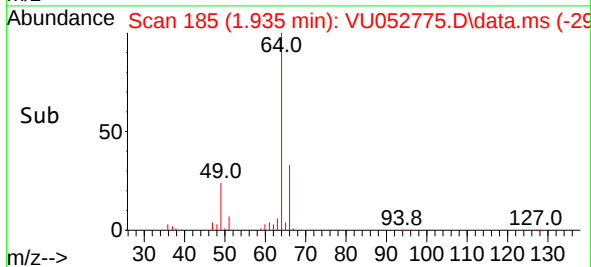
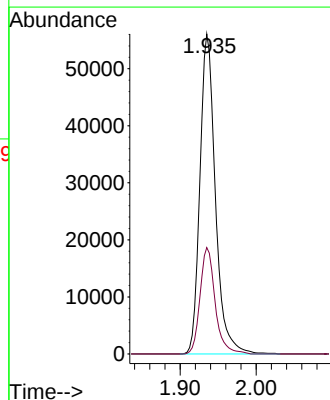
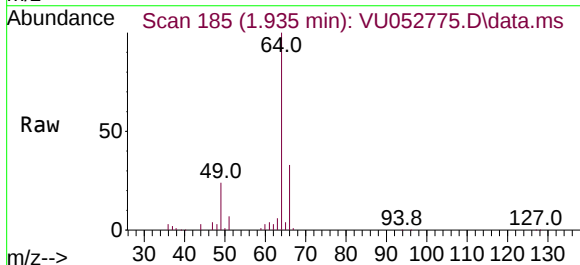
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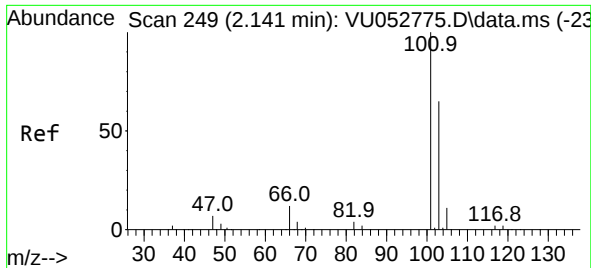
Tgt Ion: 94 Resp: 71324
Ion Ratio Lower Upper
94 100
96 92.2 73.8 110.6



#6
Chloroethane
Concen: 8.771 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 64 Resp: 79208
Ion Ratio Lower Upper
64 100
66 33.3 26.6 40.0

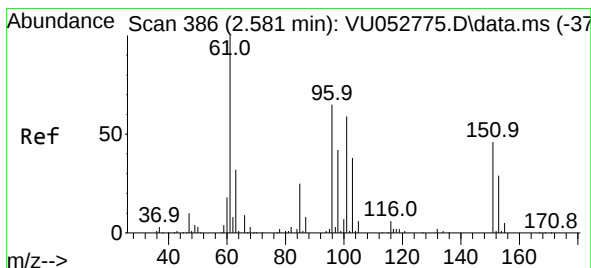
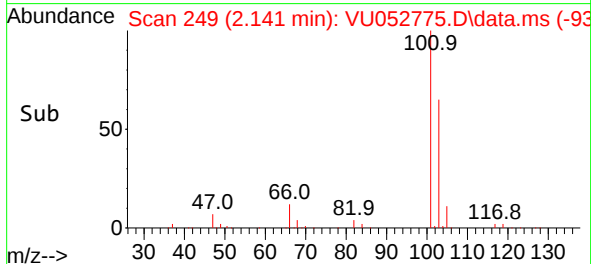
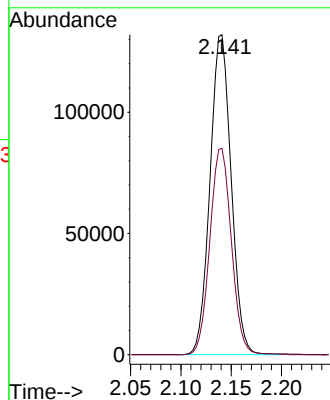
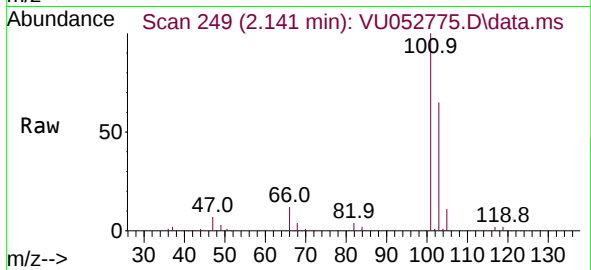




#7
 Trichlorofluoromethane
 Concen: 9.739 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU052775.D
 Acq: 23 Jan 2023 13:29

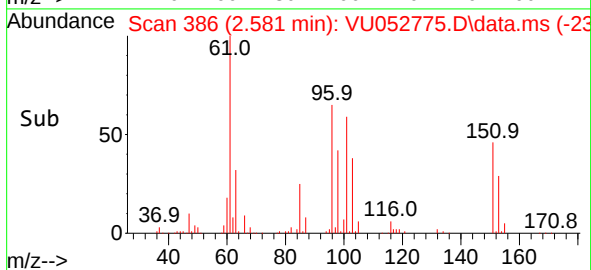
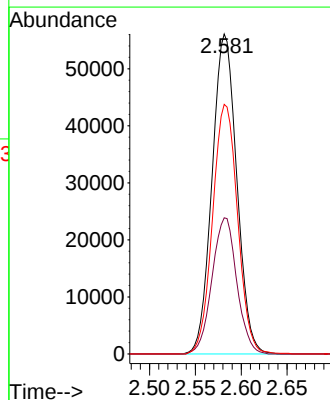
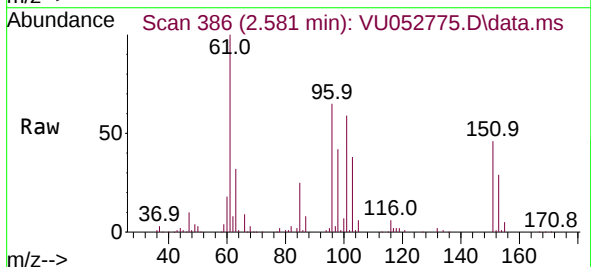
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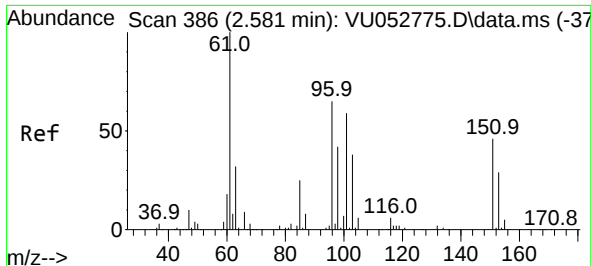
Tgt Ion:101 Resp: 193188
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.273 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052775.D
 Acq: 23 Jan 2023 13:29

Tgt Ion:101 Resp: 105120
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.1 51.1
 151 78.7 63.0 94.4

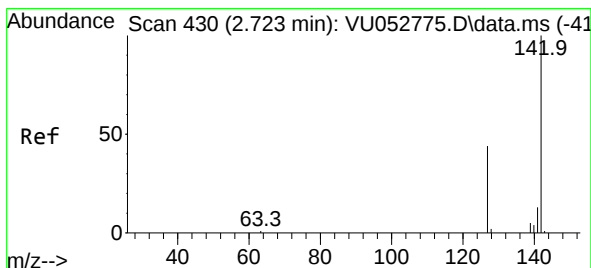
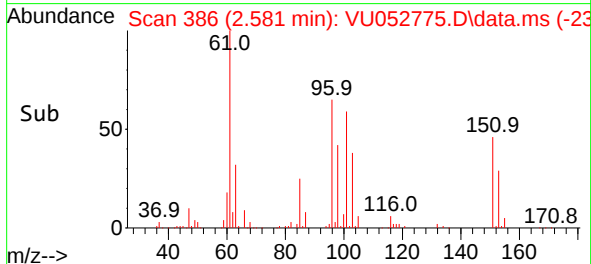
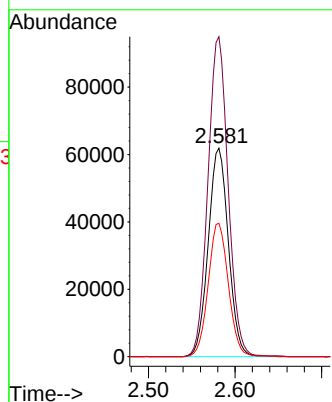
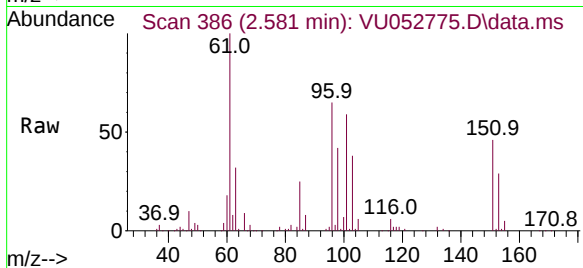




#9
1,1-Dichloroethene
Concen: 8.942 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

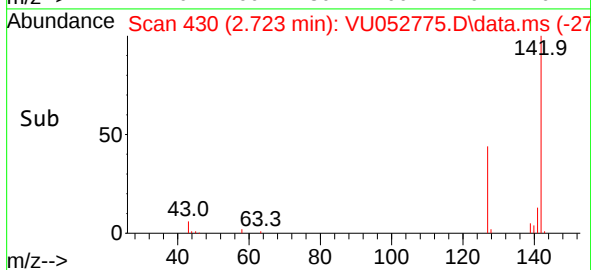
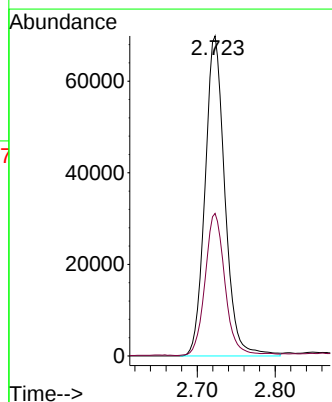
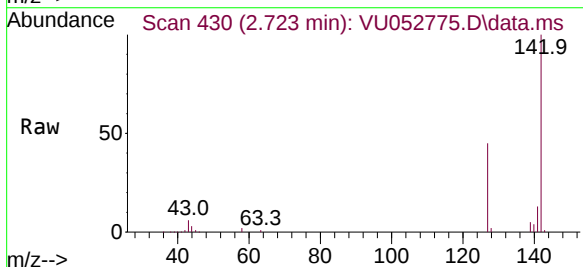
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MSVOA_U
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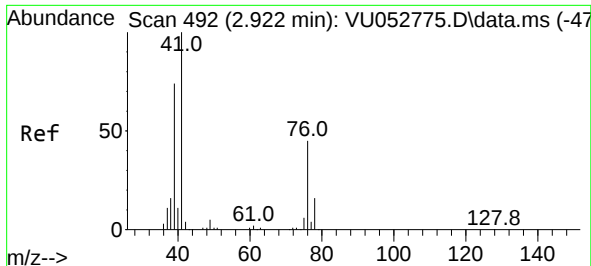
Tgt Ion: 96 Resp: 100356
Ion Ratio Lower Upper
96 100
61 153.5 0.0 460.5
98 64.0 0.0 128.0



#10
Iodomethane
Concen: 14.548 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion:142 Resp: 123807
Ion Ratio Lower Upper
142 100
127 44.2 35.4 53.0





#11

Allyl Chloride

Concen: 7.989 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

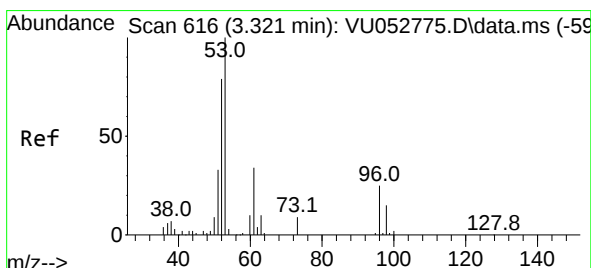
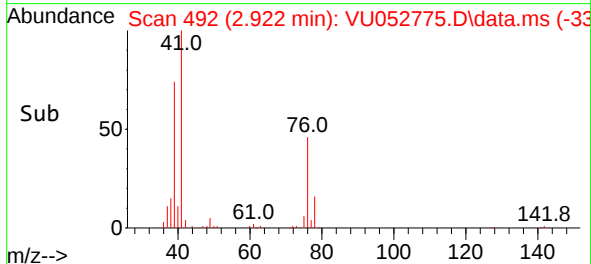
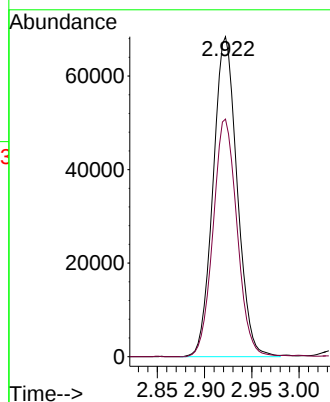
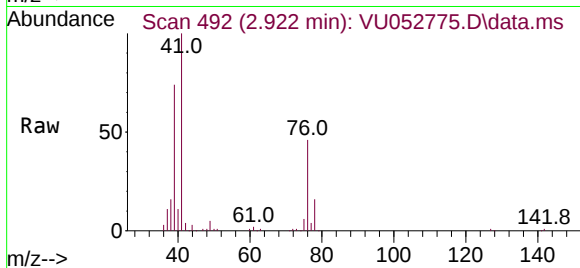
ClientSampleId :

Tgt Ion: 41 Resp: 121063

Ion Ratio Lower Upper

41 100

39 74.1 59.3 88.9



#12

Acrylonitrile

Concen: 16.030 ug/l

RT: 3.321 min Scan# 616

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

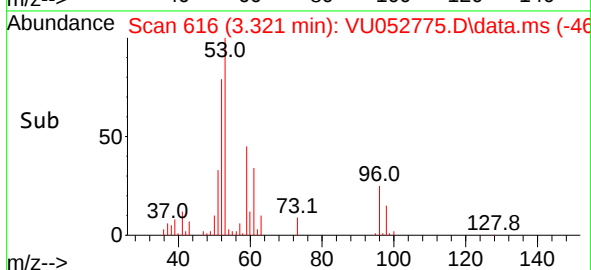
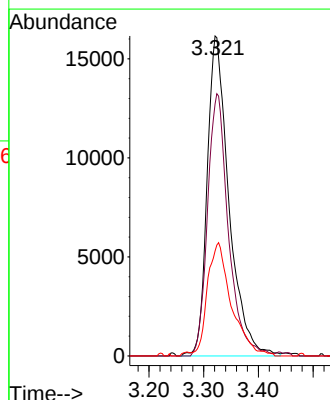
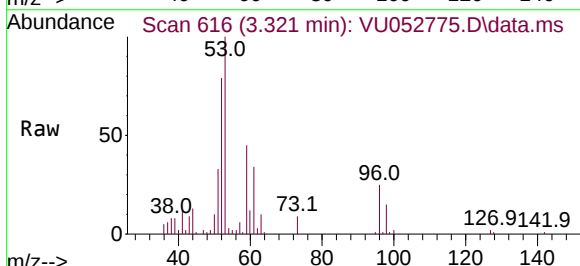
Tgt Ion: 53 Resp: 44616

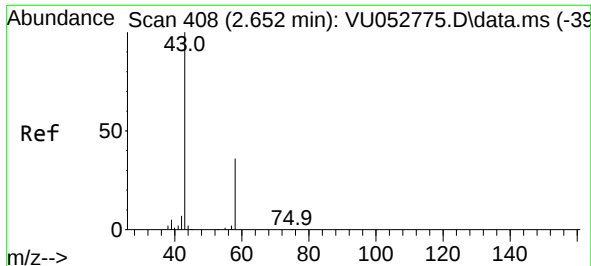
Ion Ratio Lower Upper

53 100

52 78.7 63.0 94.4

51 39.1 31.3 46.9





#13

Acetone

Concen: 58.480 ug/l

RT: 2.652 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

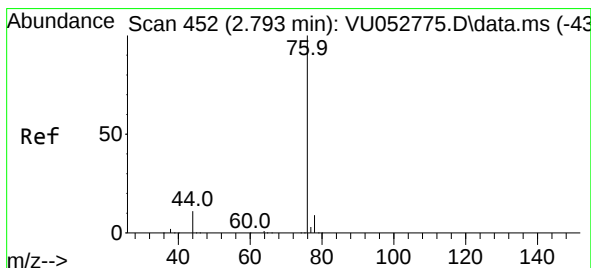
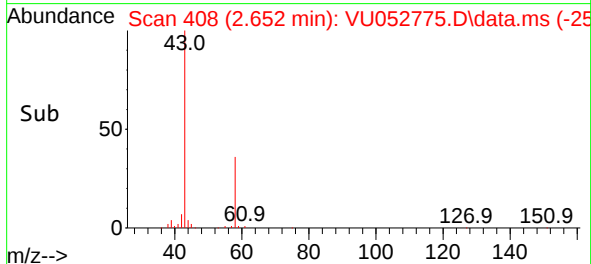
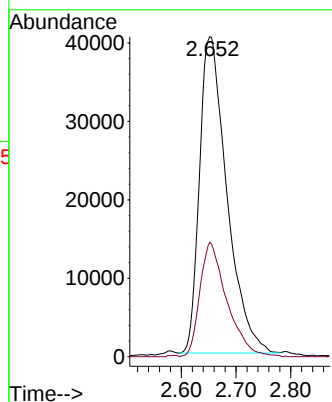
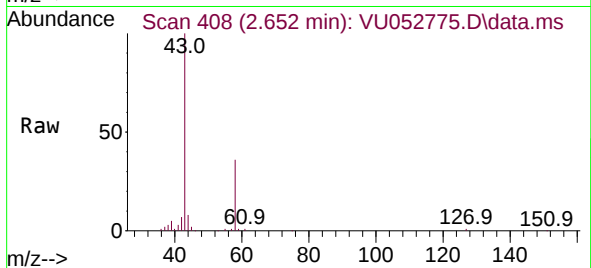
ClientSampleId :

Tgt Ion: 43 Resp: 140247

Ion Ratio Lower Upper

43 100

58 36.2 29.0 43.4



#14

Carbon Disulfide

Concen: 9.260 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052775.D

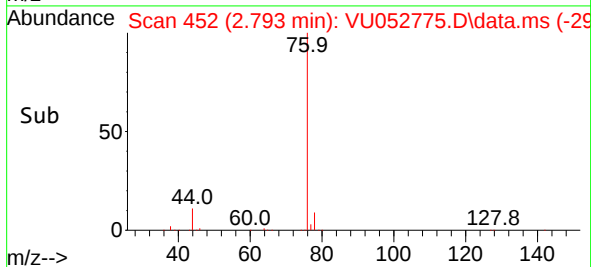
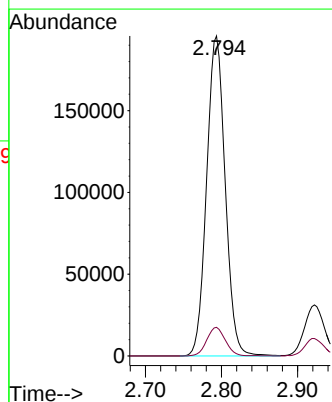
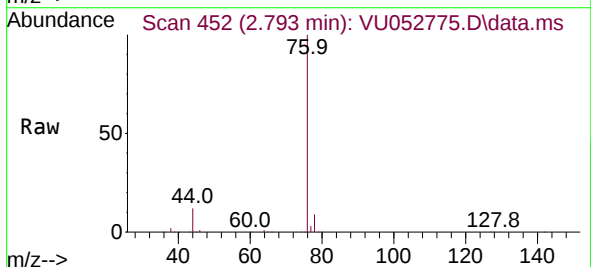
Acq: 23 Jan 2023 13:29

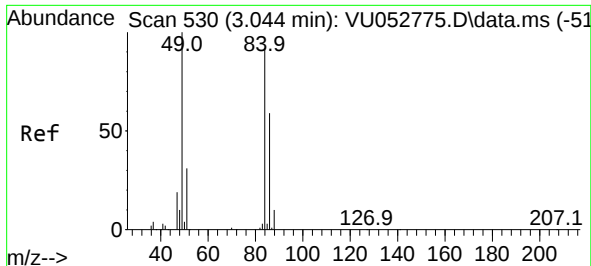
Tgt Ion: 76 Resp: 331868

Ion Ratio Lower Upper

76 100

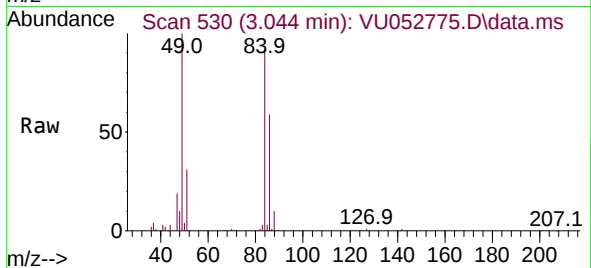
78 8.9 7.1 10.7



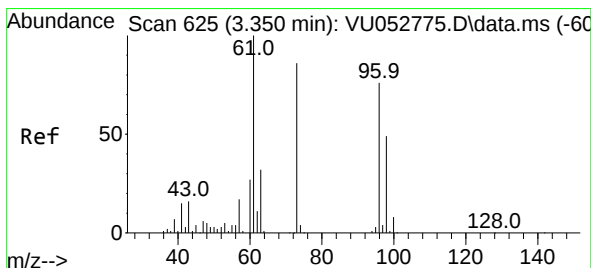
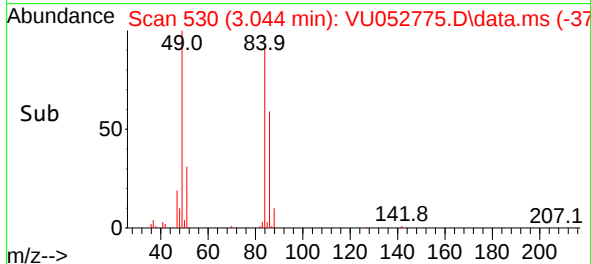
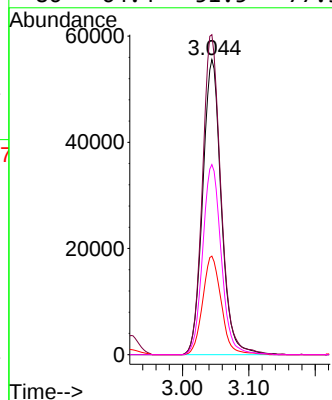


#15
Methylene Chloride
Concen: 6.095 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Instrument :
MSVOA_U
ClientSampleId :

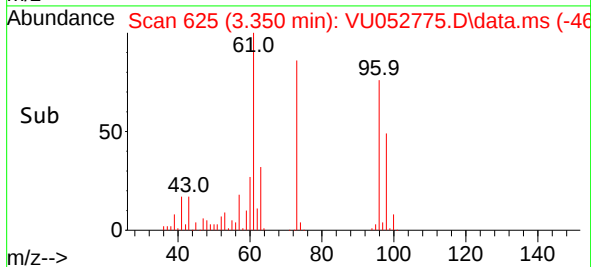
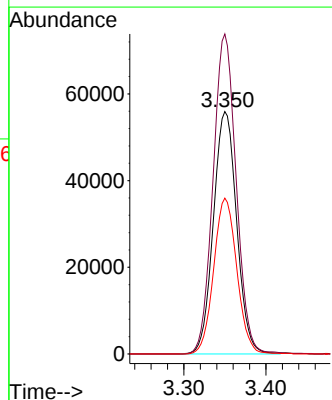
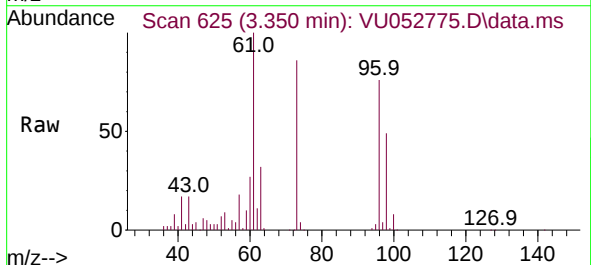


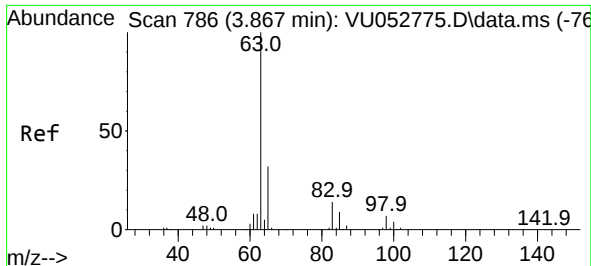
Tgt Ion: 84 Resp: 108491
Ion Ratio Lower Upper
84 100
49 108.4 86.7 130.1
51 33.4 0.0 66.8
86 64.4 51.5 77.3



#16
trans-1,2-Dichloroethene
Concen: 8.956 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 96 Resp: 110497
Ion Ratio Lower Upper
96 100
61 132.1 105.7 158.5
98 64.3 51.4 77.2

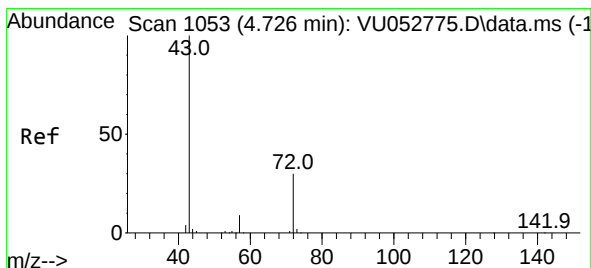
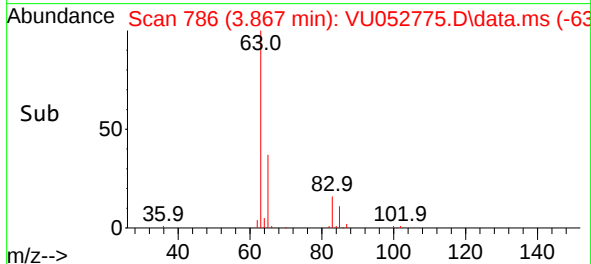
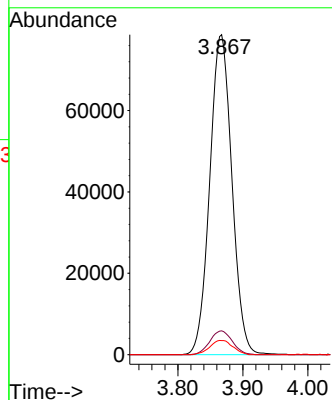
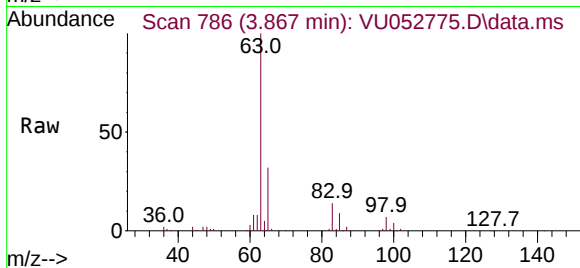




#17
1,1-Dichloroethane
Concen: 9.177 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

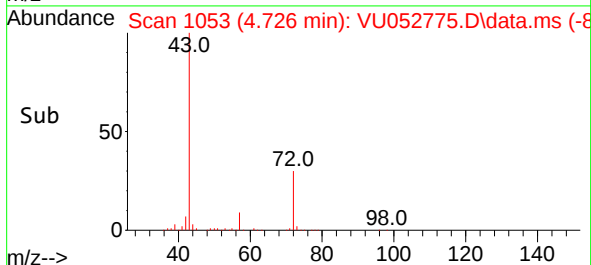
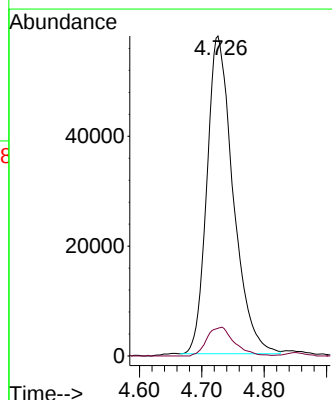
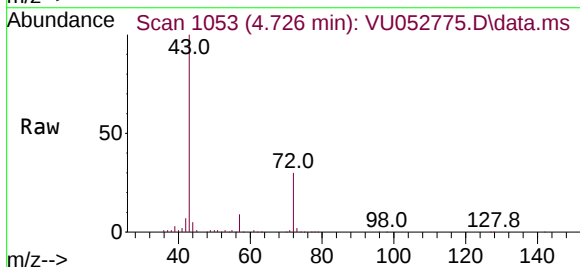
Instrument :
MSVOA_U
ClientSampleId :

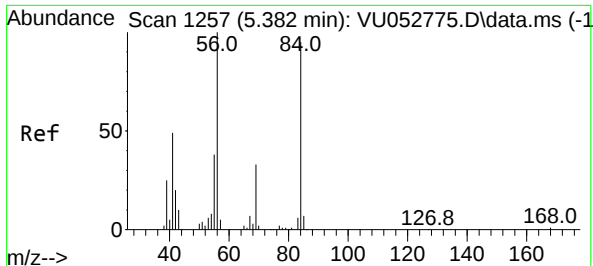
Tgt Ion: 63 Resp: 186164
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.2
100 4.4 2.2 6.6



#18
2-Butanone
Concen: 54.760 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 43 Resp: 169297
Ion Ratio Lower Upper
43 100
57 8.7 0.0 17.4





#19

Cyclohexane

Concen: 9.330 ug/l

RT: 5.382 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

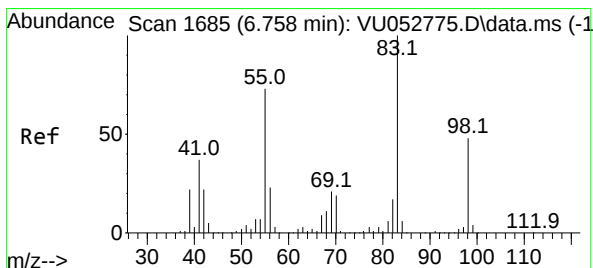
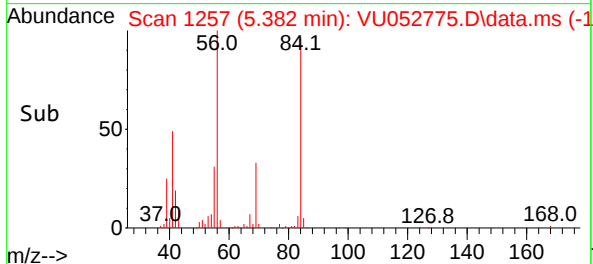
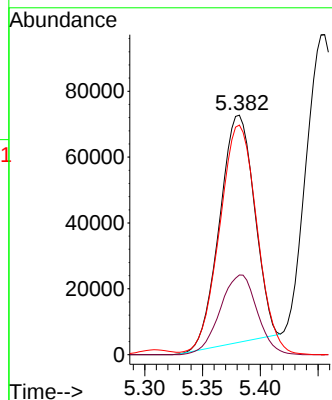
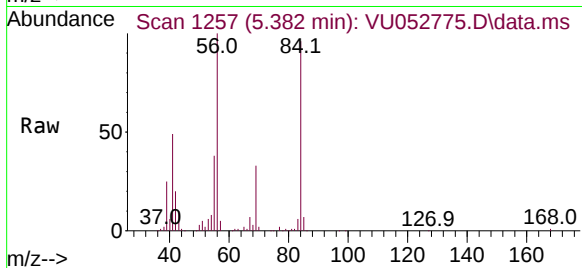
Tgt Ion: 56 Resp: 144774

Ion Ratio Lower Upper

56 100

69 37.4 26.8 40.2

84 107.6 77.0 115.6



#20

Methylcyclohexane

Concen: 11.435 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

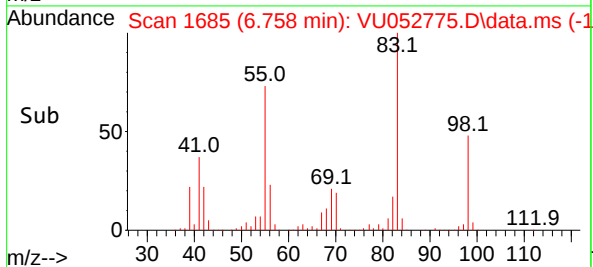
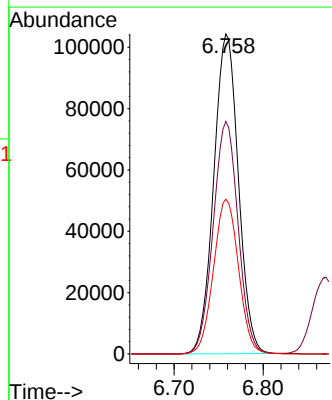
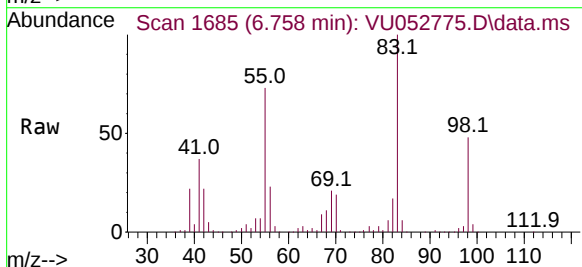
Tgt Ion: 83 Resp: 200472

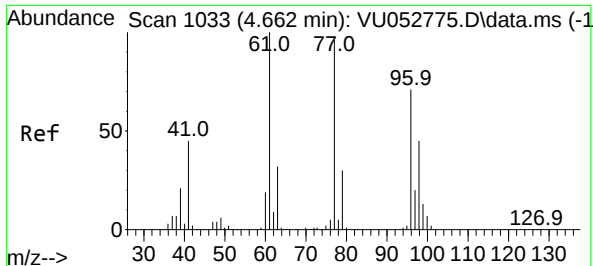
Ion Ratio Lower Upper

83 100

55 73.4 58.7 88.1

98 49.3 39.4 59.2





#21

2,2-Dichloropropane

Concen: 10.104 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

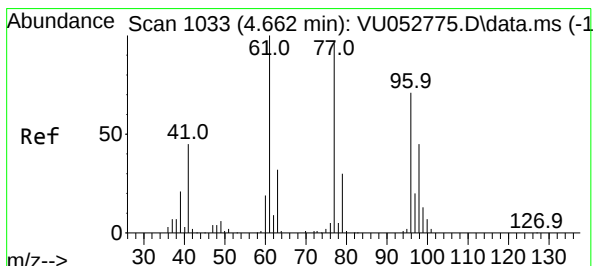
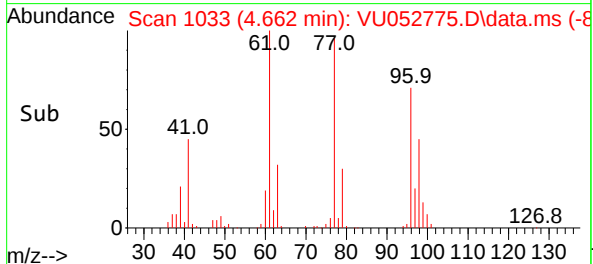
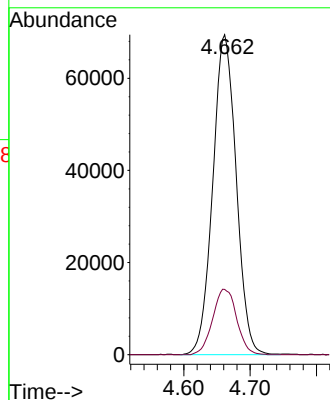
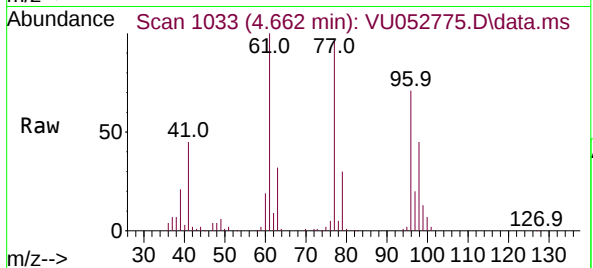
ClientSampleId :

Tgt Ion: 77 Resp: 170250

Ion Ratio Lower Upper

77 100

97 21.0 16.8 25.2



#22

cis-1,2-Dichloroethene

Concen: 9.090 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

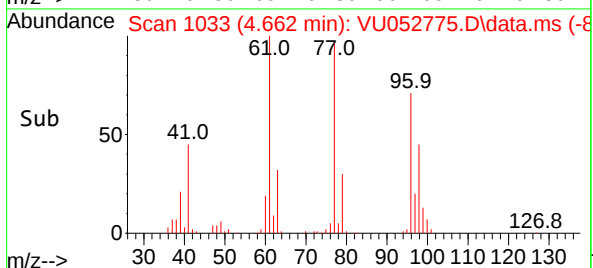
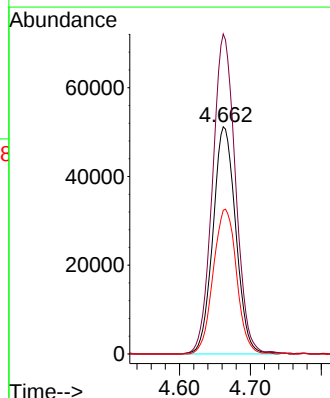
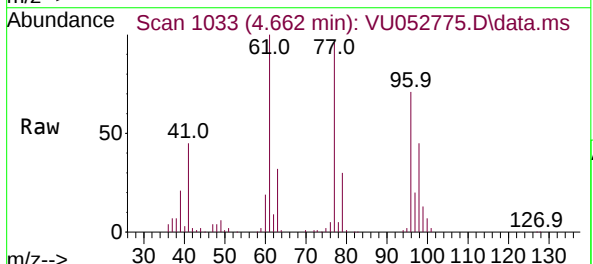
Tgt Ion: 96 Resp: 114684

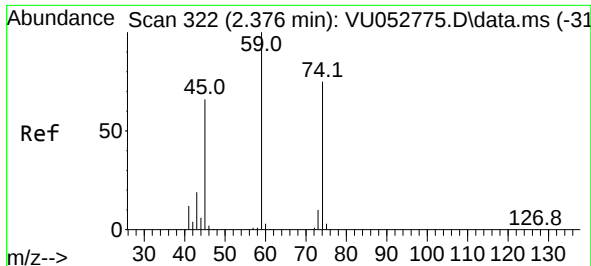
Ion Ratio Lower Upper

96 100

61 141.3 0.0 353.3

98 65.1 32.6 97.7

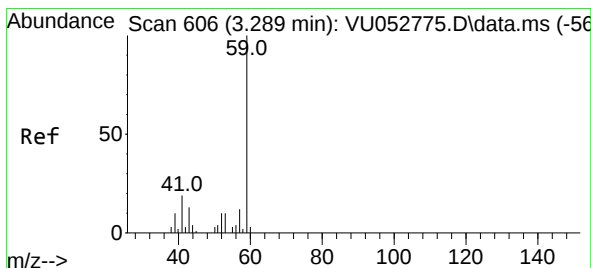
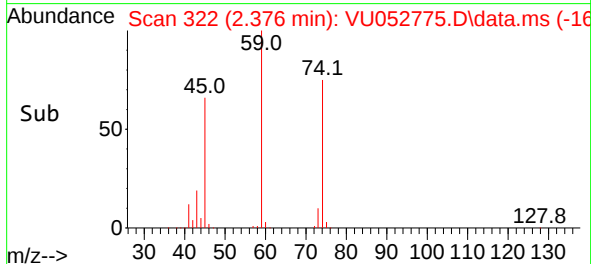
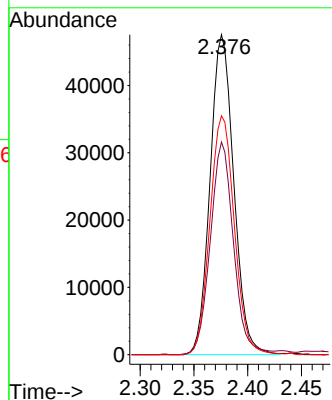
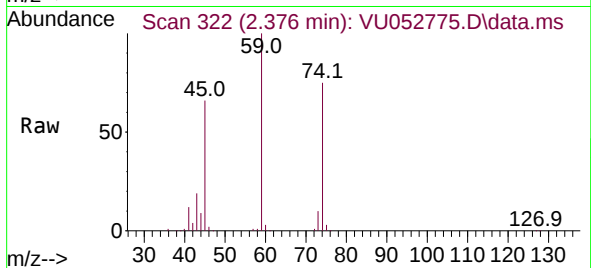




#23
Diethyl Ether
Concen: 8.740 ug/l
RT: 2.376 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

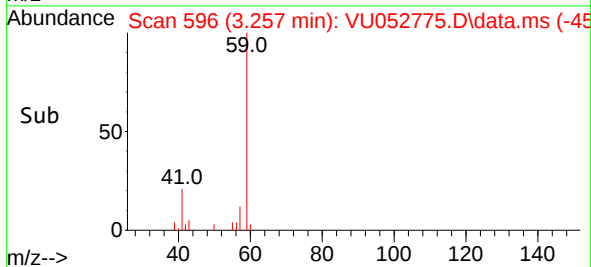
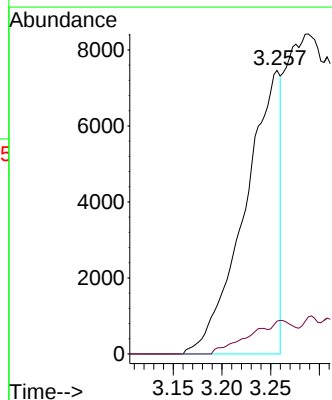
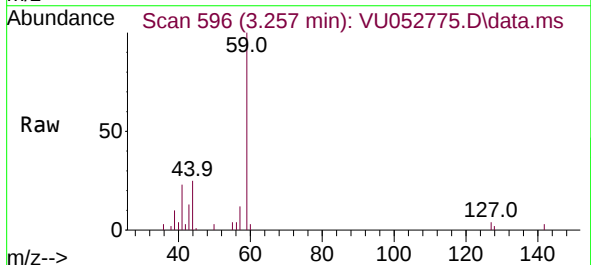
Instrument :
MSVOA_U
ClientSampleId :

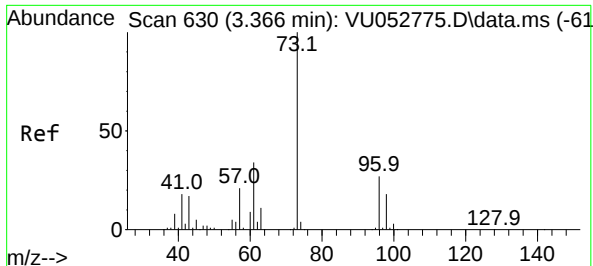
Tgt Ion: 59 Resp: 72844
Ion Ratio Lower Upper
59 100
45 65.1 52.1 78.1
74 77.0 61.6 92.4



#24
tert-Butyl Alcohol
Concen: 21.018 ug/l
RT: 3.257 min Scan# 596
Delta R.T. -0.032 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 59 Resp: 19040
Ion Ratio Lower Upper
59 100
57 257.1 45.8 68.8#

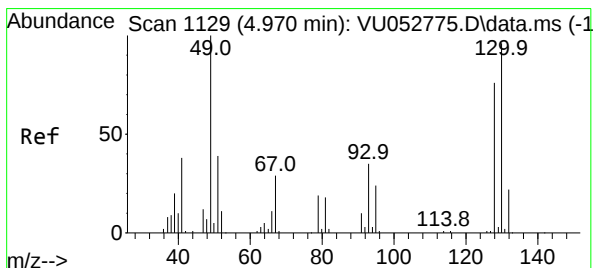
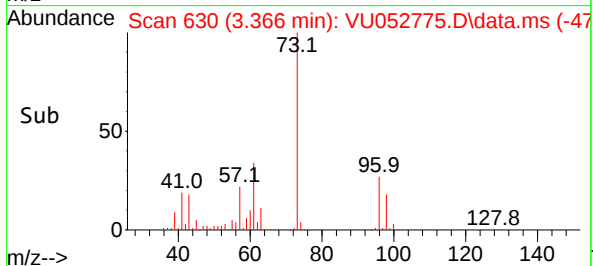
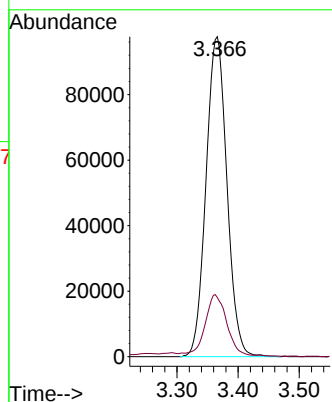
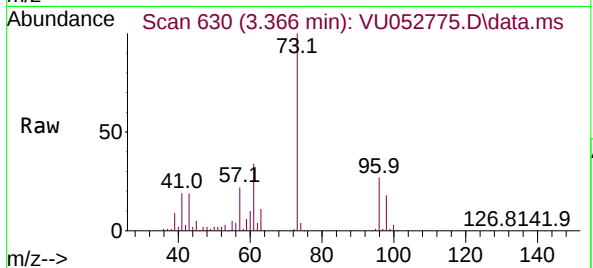




#25
Methyl tert-Butyl Ether
Concen: 8.409 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

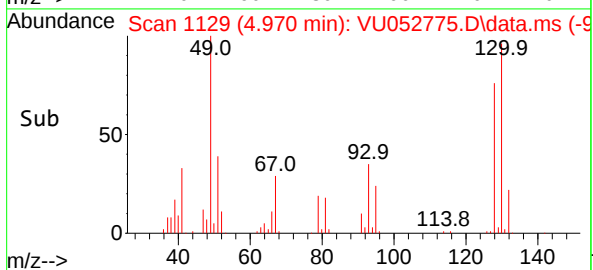
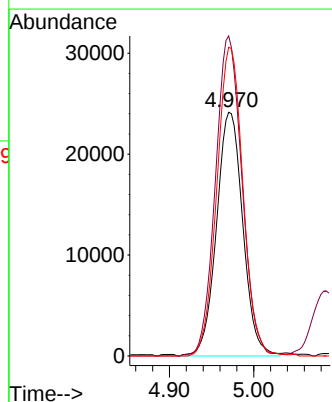
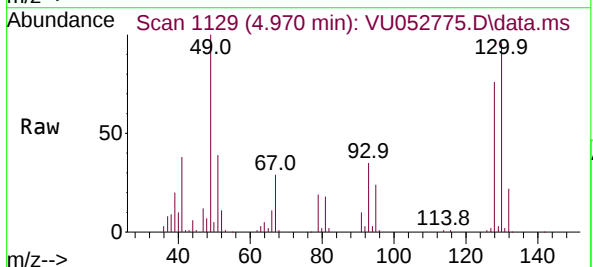
Instrument :
MSVOA_U
ClientSampleId :

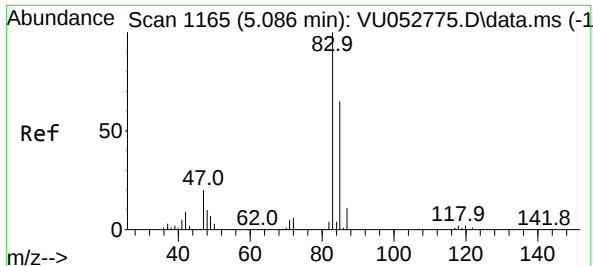
Tgt Ion: 73 Resp: 232205
Ion Ratio Lower Upper
73 100
43 19.1 15.3 22.9



#26
Bromochloromethane
Concen: 8.390 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 128 Resp: 52276
Ion Ratio Lower Upper
128 100
49 132.5 0.0 265.0
130 125.9 100.7 151.1





#27

Chloroform

Concen: 9.241 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

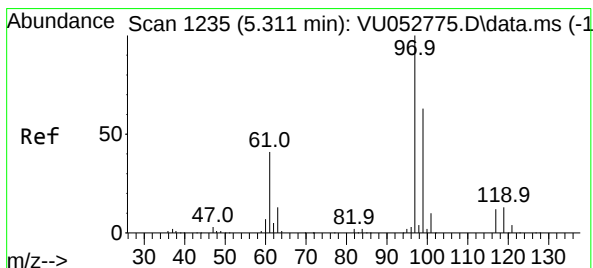
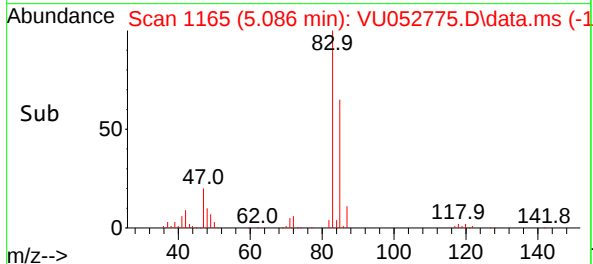
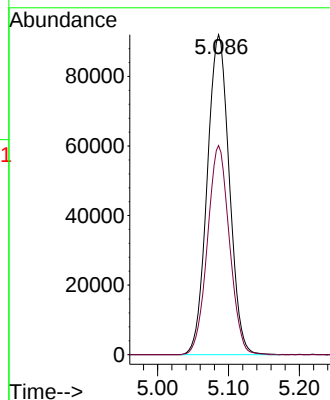
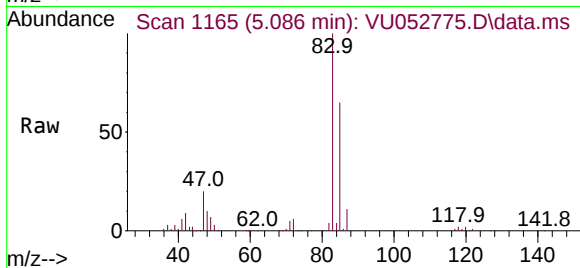
ClientSampleId :

Tgt Ion: 83 Resp: 199087

Ion Ratio Lower Upper

83 100

85 65.3 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 10.041 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

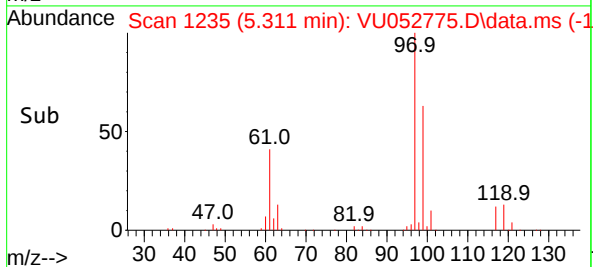
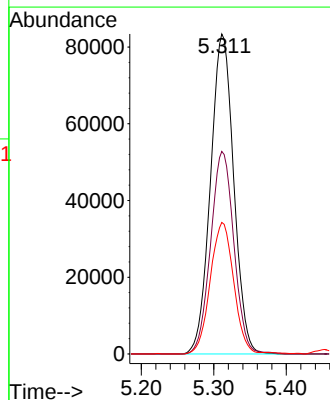
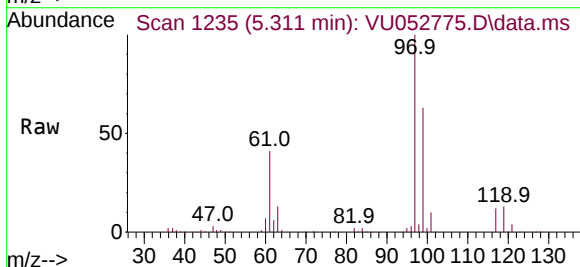
Tgt Ion: 97 Resp: 185553

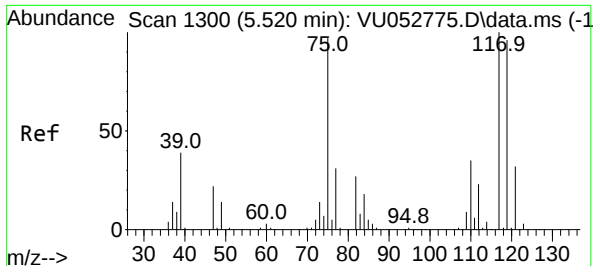
Ion Ratio Lower Upper

97 100

99 63.7 31.9 95.5

61 41.5 20.8 62.2





#29

1,1-Dichloropropene

Concen: 10.181 ug/l

RT: 5.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

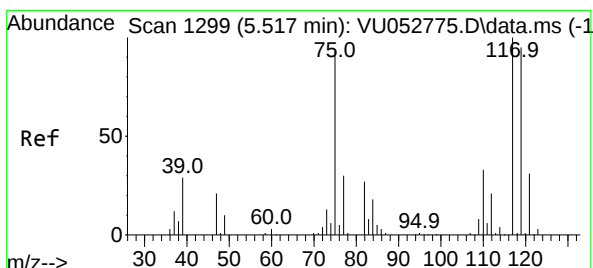
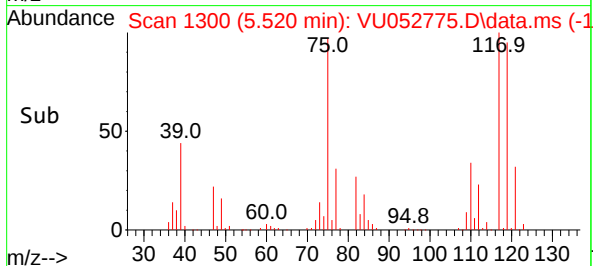
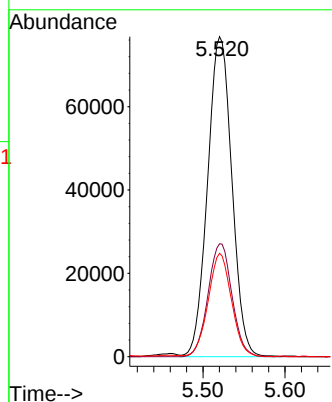
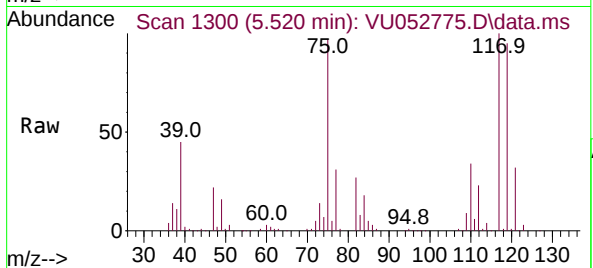
Tgt Ion: 75 Resp: 158255

Ion Ratio Lower Upper

75 100

110 34.8 17.4 52.2

77 31.0 24.8 37.2



#30

Carbon Tetrachloride

Concen: 10.600 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

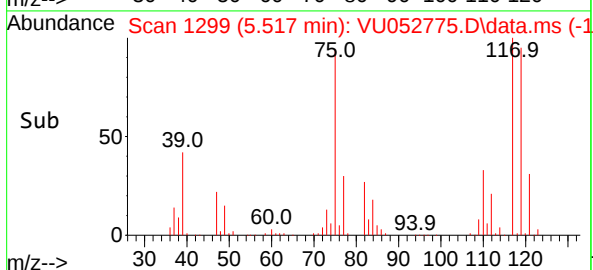
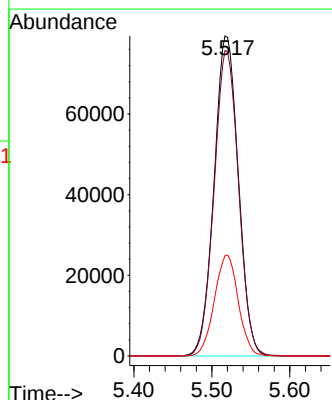
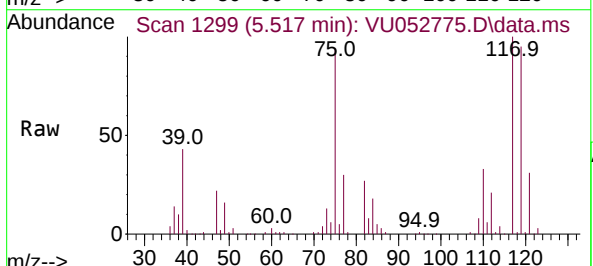
Tgt Ion: 117 Resp: 172165

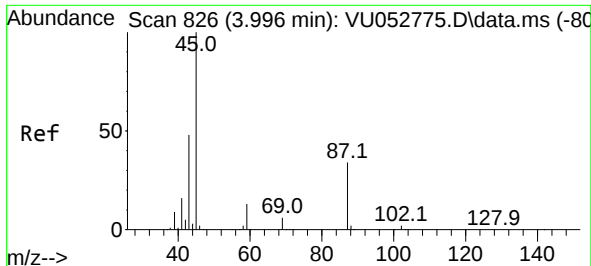
Ion Ratio Lower Upper

117 100

119 95.5 76.4 114.6

121 31.3 25.0 37.6

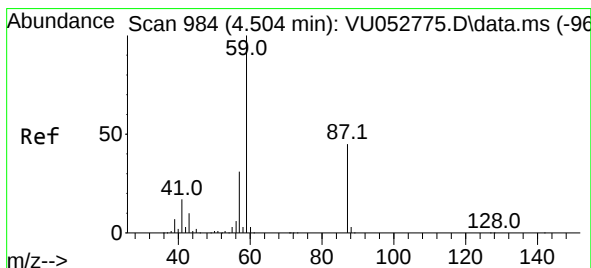
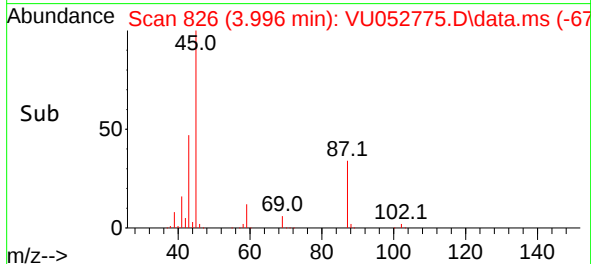
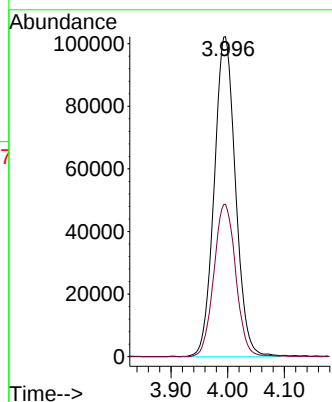
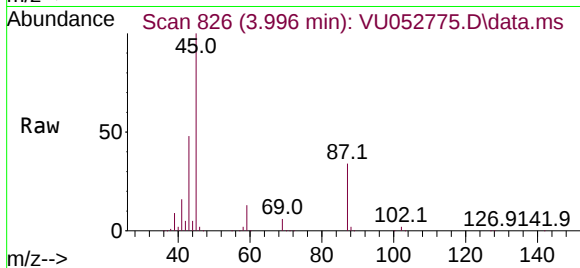




#31
Isopropyl Ether
Concen: 9.539 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

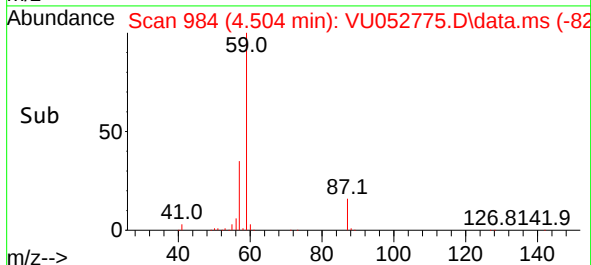
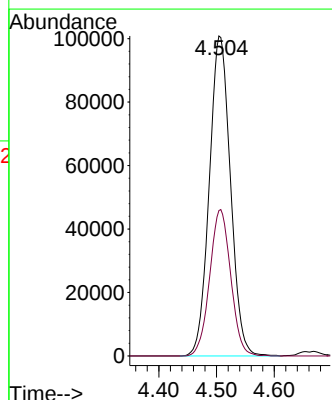
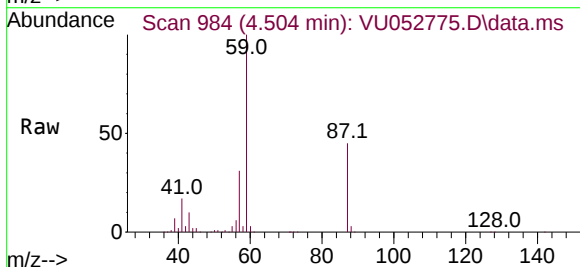
Instrument :
MSVOA_U
ClientSampleId :

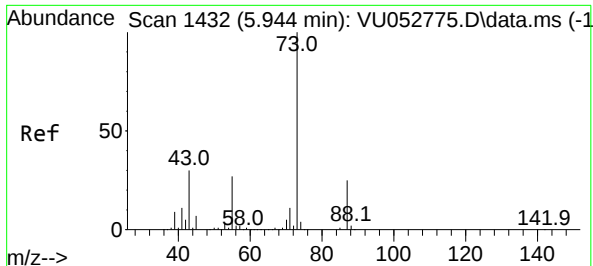
Tgt Ion: 45 Resp: 267501
Ion Ratio Lower Upper
45 100
43 49.0 24.5 73.5



#32
Ethyl-t-butyl ether
Concen: 9.459 ug/l
RT: 4.504 min Scan# 984
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 59 Resp: 256370
Ion Ratio Lower Upper
59 100
87 45.2 36.2 54.2

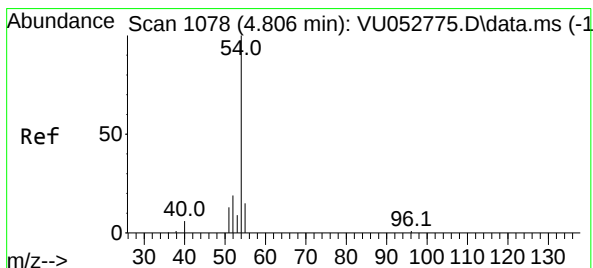
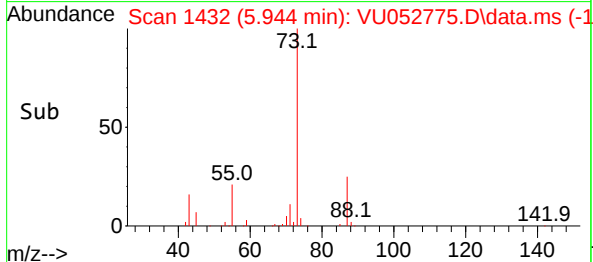
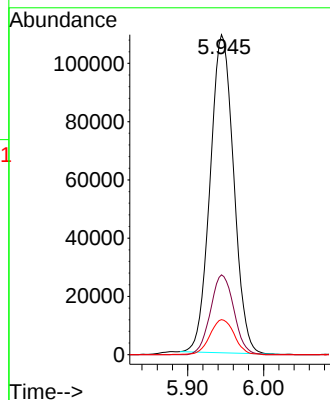
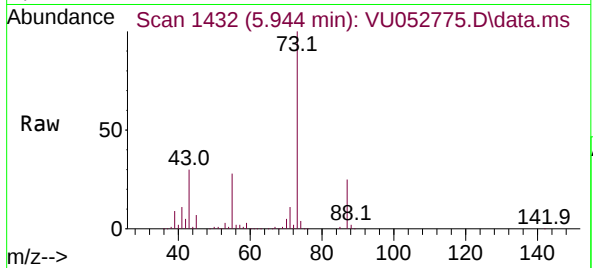




#33
Tert-Amyl methyl ether
Concen: 9.597 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

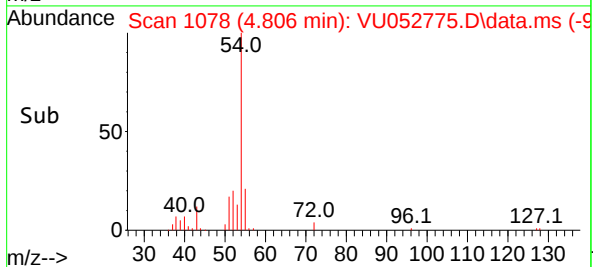
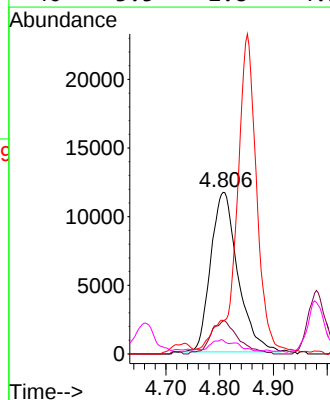
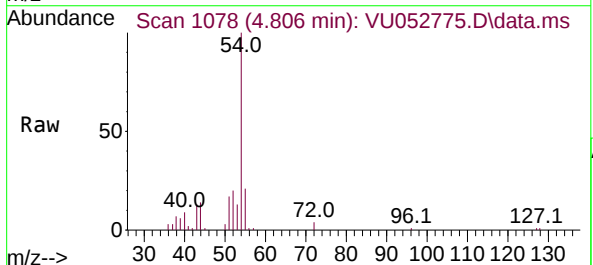
Instrument :
MSVOA_U
ClientSampleId :

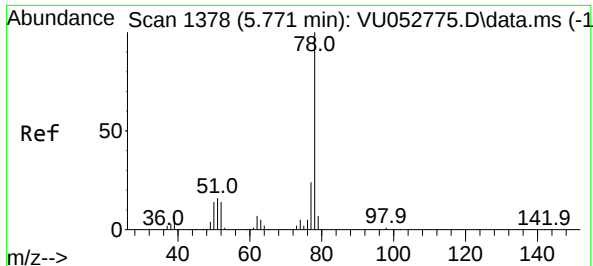
Tgt Ion: 73 Resp: 234225
Ion Ratio Lower Upper
73 100
87 25.1 20.1 30.1
71 11.5 9.2 13.8



#34
Propionitrile
Concen: 42.919 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 54 Resp: 40850
Ion Ratio Lower Upper
54 100
52 21.1 16.9 25.3
55 148.3 118.6 178.0
40 3.5 2.8 4.2





#35

Benzene

Concen: 9.918 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

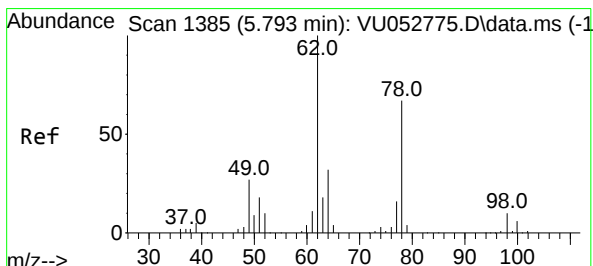
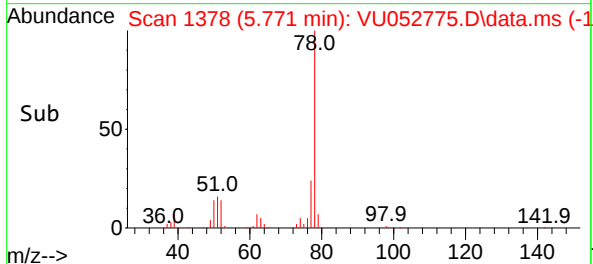
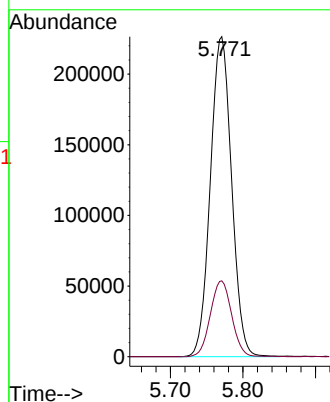
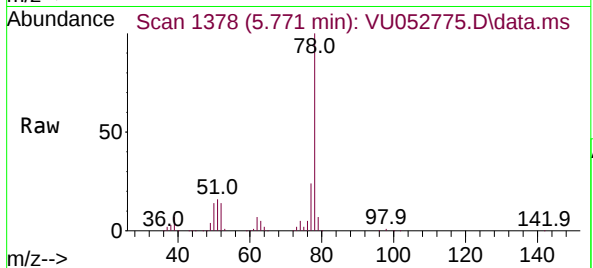
ClientSampleId :

Tgt Ion: 78 Resp: 460993

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



#36

1,2-Dichloroethane

Concen: 9.938 ug/l

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU052775.D

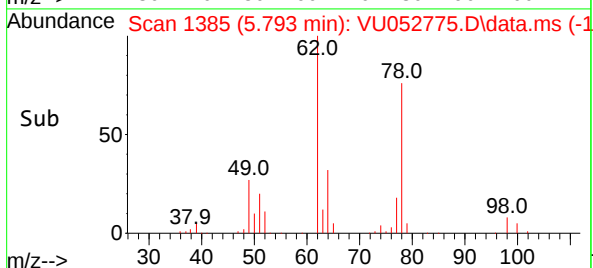
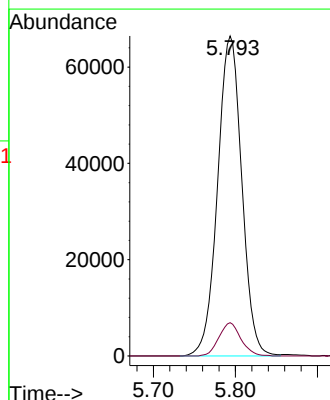
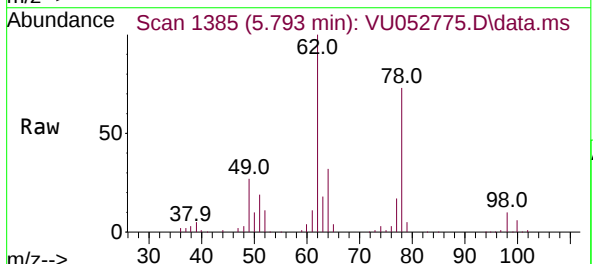
Acq: 23 Jan 2023 13:29

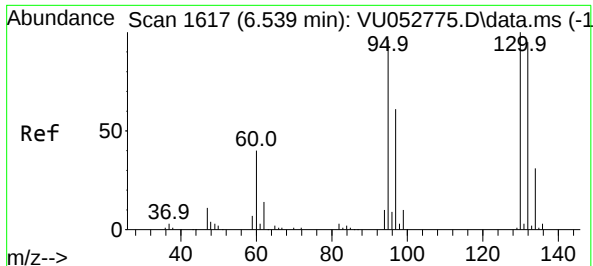
Tgt Ion: 62 Resp: 136301

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#37

Trichloroethene

Concen: 9.427 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

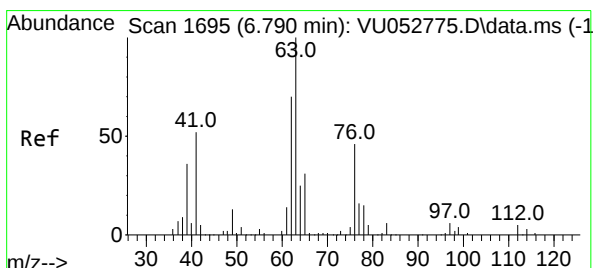
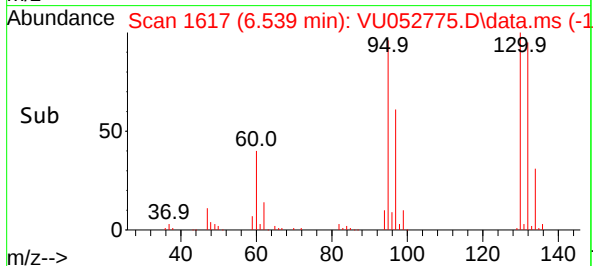
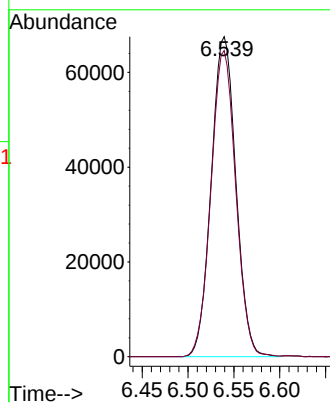
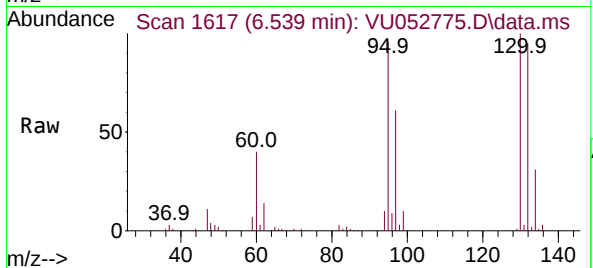
ClientSampleId :

Tgt Ion:130 Resp: 126208

Ion Ratio Lower Upper

130 100

95 95.7 76.6 114.8



#38

1,2-Dichloropropane

Concen: 10.017 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU052775.D

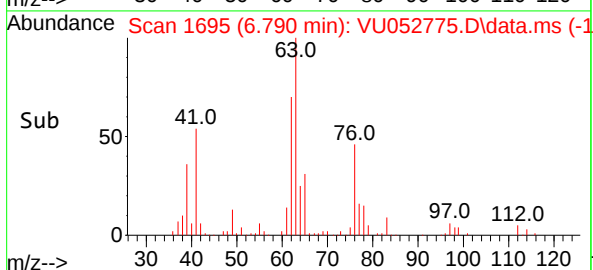
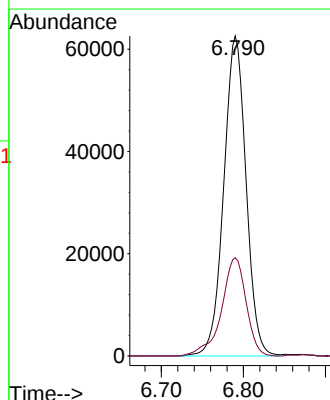
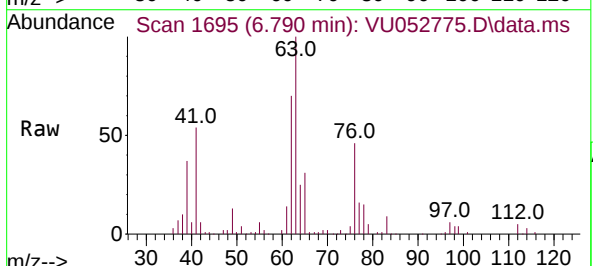
Acq: 23 Jan 2023 13:29

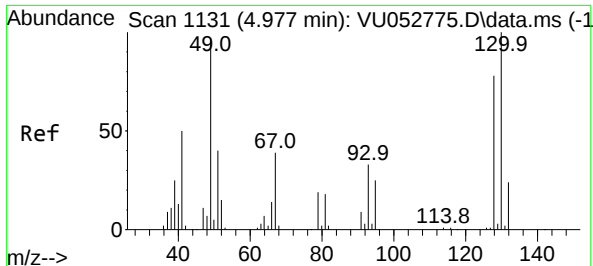
Tgt Ion: 63 Resp: 118379

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8





#39

Methacrylonitrile

Concen: 9.572 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 32678

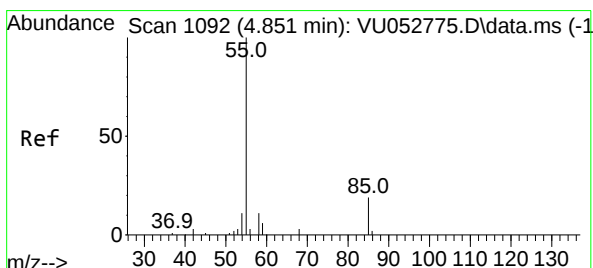
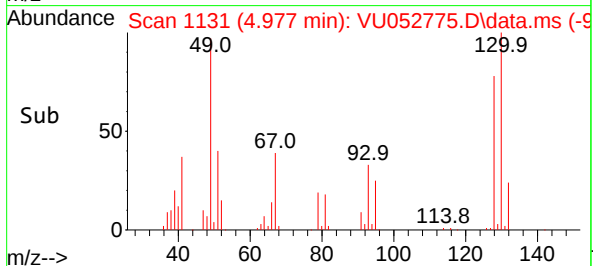
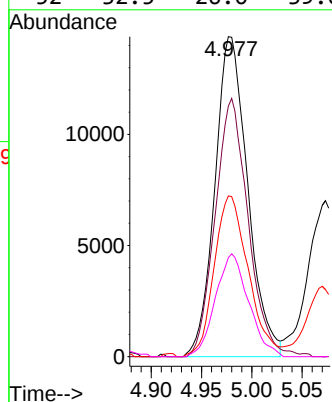
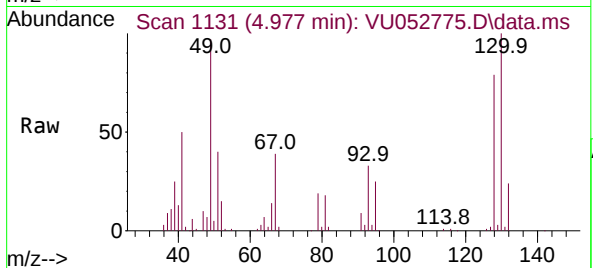
Ion Ratio Lower Upper

41 100

67 81.1 64.9 97.3

39 52.1 41.7 62.5

52 32.5 26.0 39.0



#40

Methyl acrylate

Concen: 10.684 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Tgt Ion: 55 Resp: 60575

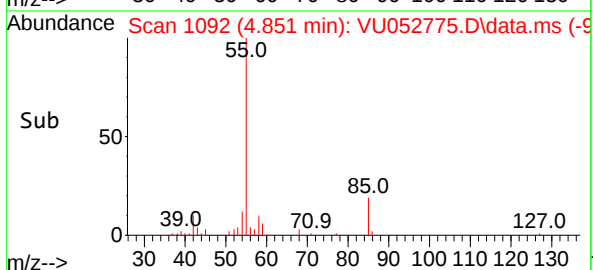
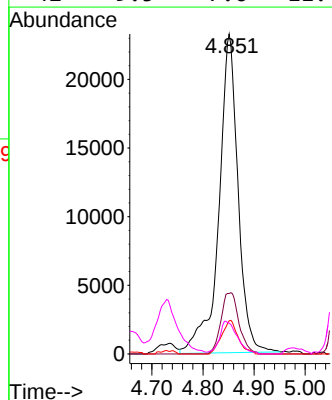
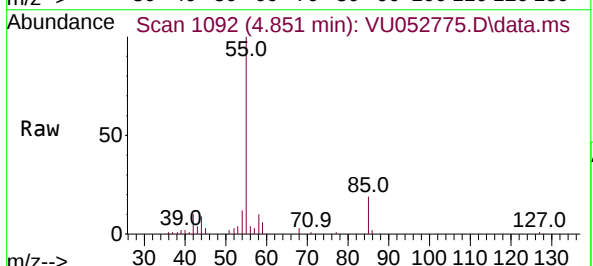
Ion Ratio Lower Upper

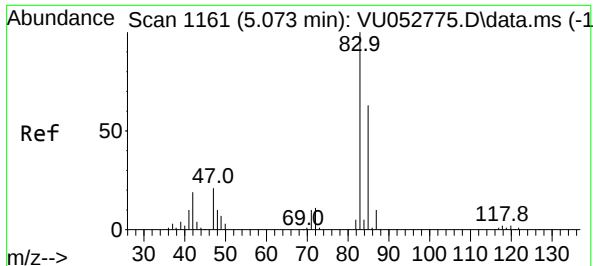
55 100

85 18.0 14.4 21.6

58 9.1 7.3 10.9

42 9.5 7.6 11.4





#41

Tetrahydrofuran

Concen: 15.998 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

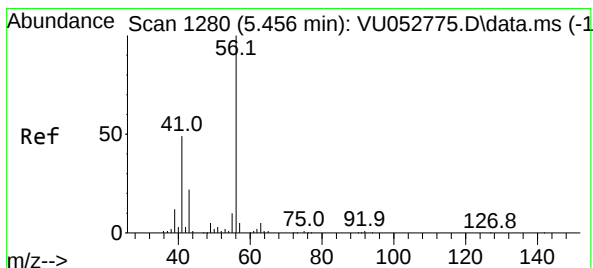
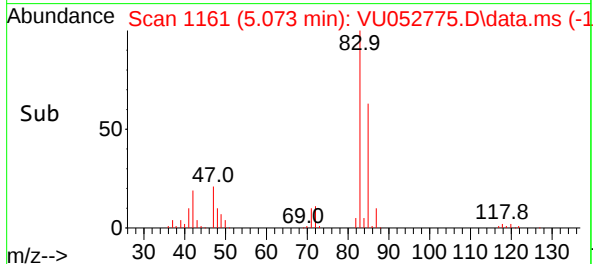
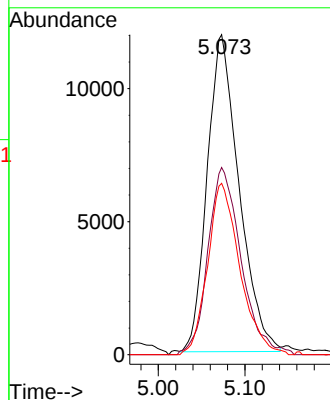
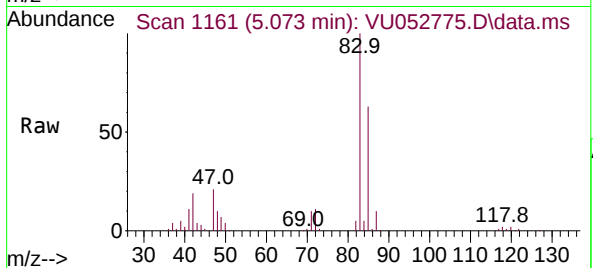
Tgt Ion: 42 Resp: 30439

Ion Ratio Lower Upper

42 100

72 61.4 49.1 73.7

71 54.7 43.8 65.6



#42

1-Chlorobutane

Concen: 9.983 ug/l

RT: 5.456 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VU052775.D

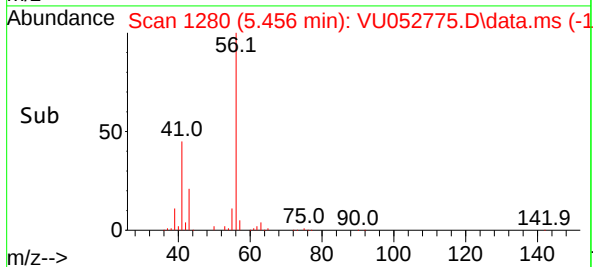
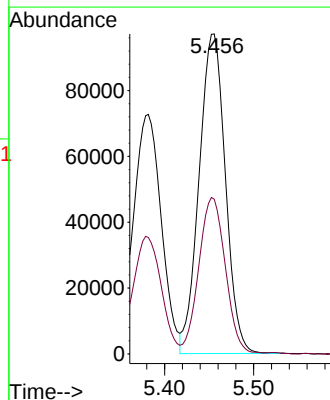
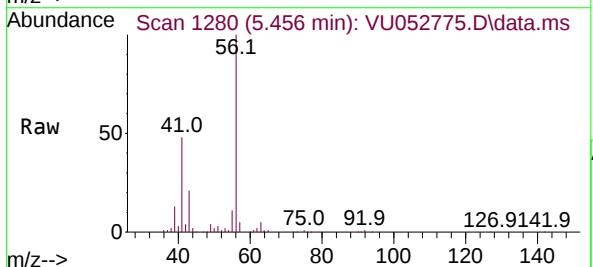
Acq: 23 Jan 2023 13:29

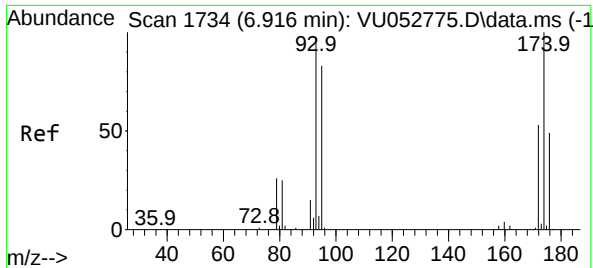
Tgt Ion: 56 Resp: 199078

Ion Ratio Lower Upper

56 100

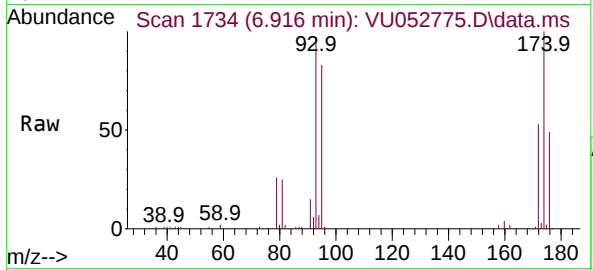
41 49.0 24.5 73.5



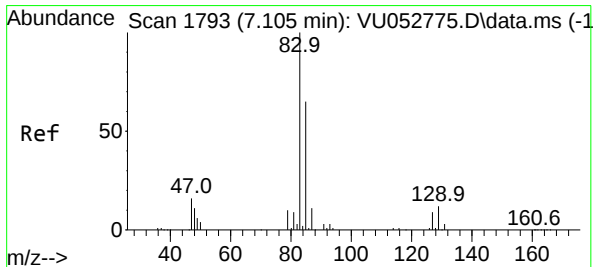
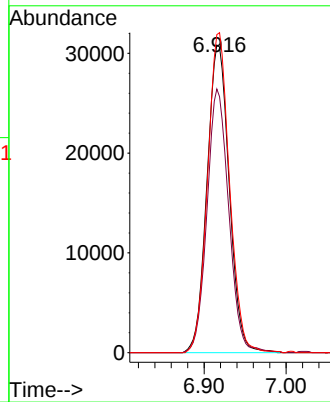
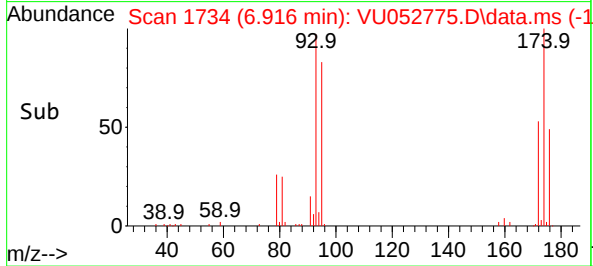


#43
Dibromomethane
Concen: 8.731 ug/l
RT: 6.916 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

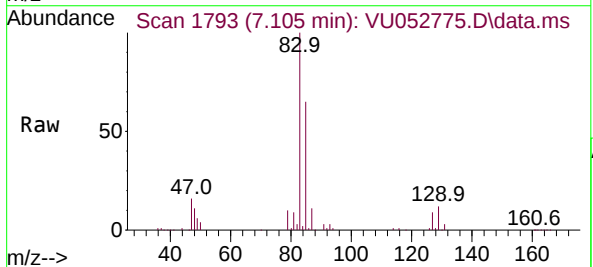
Instrument :
MSVOA_U
ClientSampleId :



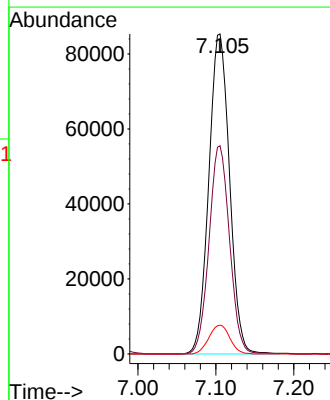
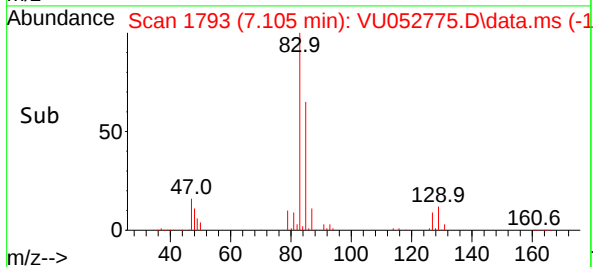
Tgt Ion: 93 Resp: 58088
Ion Ratio Lower Upper
93 100
95 83.8 67.0 100.6
174 102.8 82.2 123.4

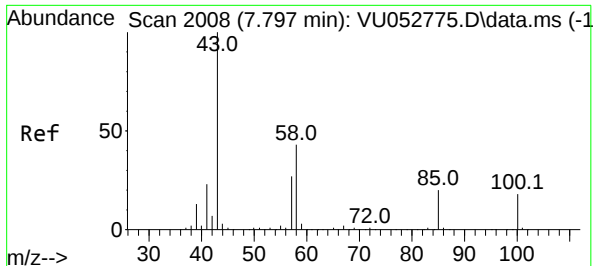


#44
Bromodichloromethane
Concen: 10.042 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29



Tgt Ion: 83 Resp: 157969
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 9.0 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 49.129 ug/l

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

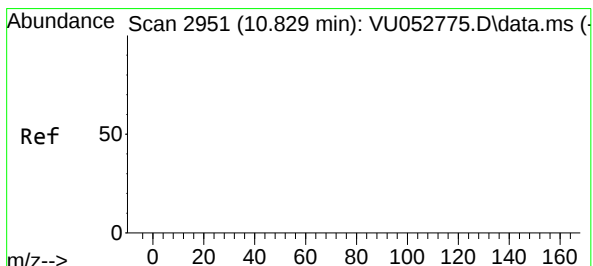
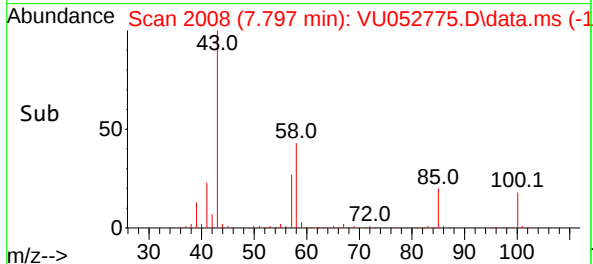
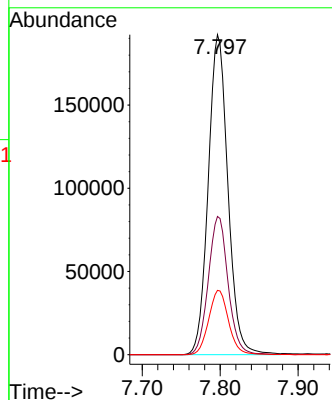
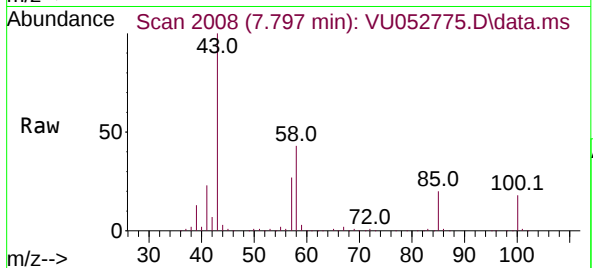
Tgt Ion: 43 Resp: 337637

Ion Ratio Lower Upper

43 100

58 43.4 21.7 65.1

85 20.3 16.2 24.4



#46

t-1,4-Dichloro-2-butene

Concen: 42.339 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.006 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Tgt Ion: 75 Resp: 138509

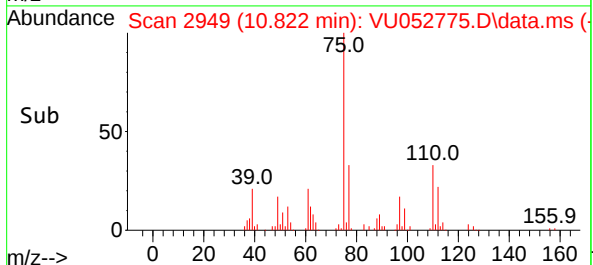
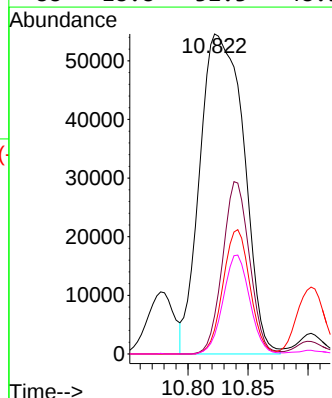
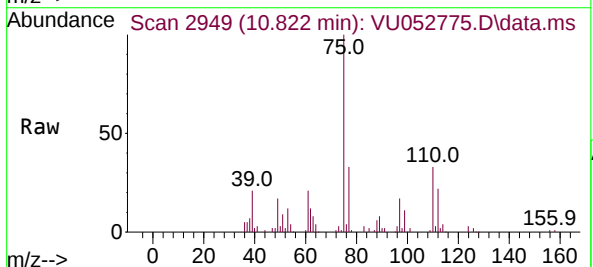
Ion Ratio Lower Upper

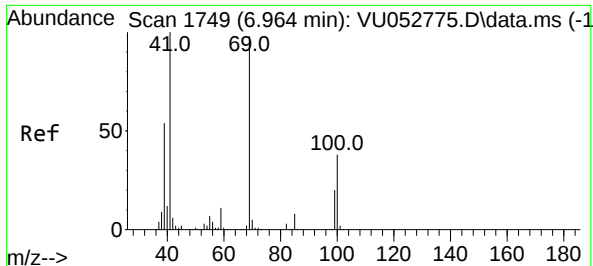
75 100

53 33.2 57.0 85.4#

89 23.9 41.1 61.7#

88 18.8 32.3 48.5#





#47

Methyl methacrylate

Concen: 21.386 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 116388

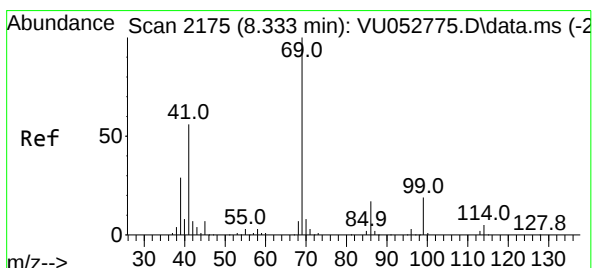
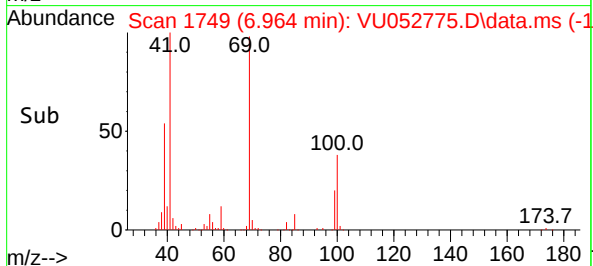
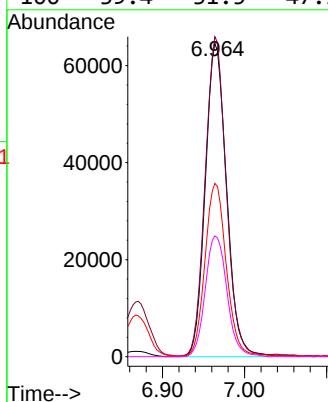
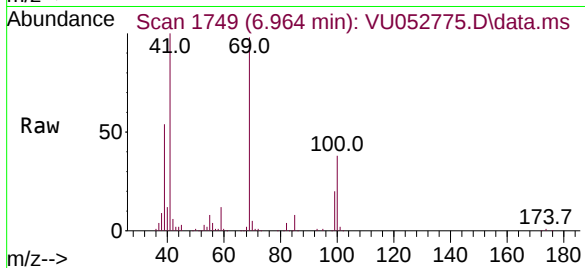
Ion Ratio Lower Upper

69 100

41 100.9 0.0 201.8

39 55.0 44.0 66.0

100 39.4 31.5 47.3



#48

Ethyl methacrylate

Concen: 10.813 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU052775.D

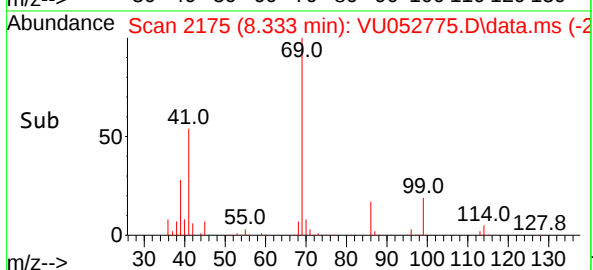
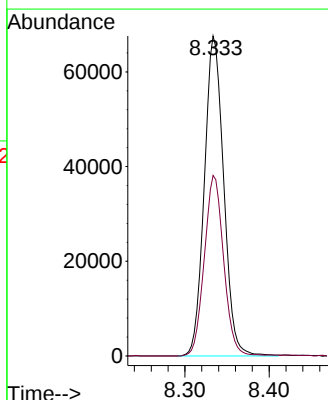
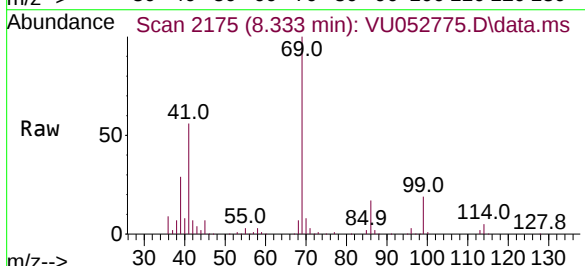
Acq: 23 Jan 2023 13:29

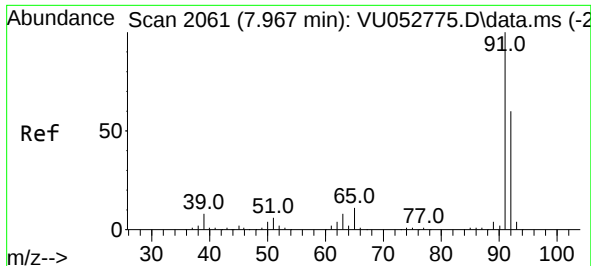
Tgt Ion: 69 Resp: 108163

Ion Ratio Lower Upper

69 100

41 56.3 28.1 84.4





#49

Toluene

Concen: 10.381 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

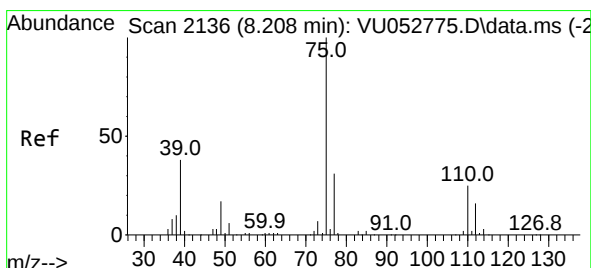
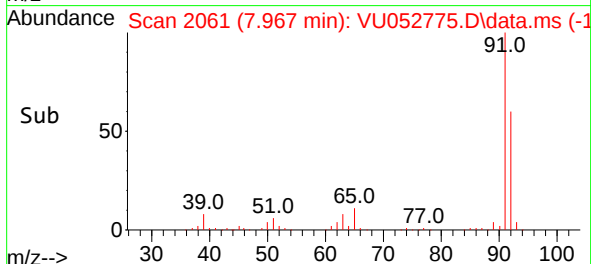
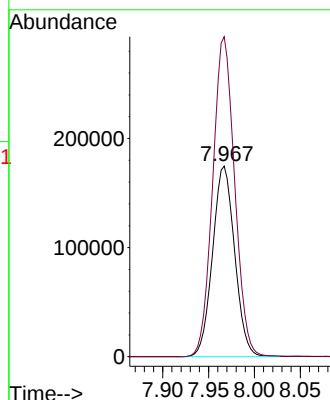
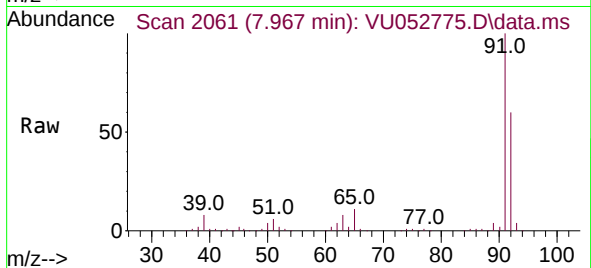
ClientSampleId :

Tgt Ion: 92 Resp: 292482

Ion Ratio Lower Upper

92 100

91 167.3 133.8 200.8



#50

t-1,3-Dichloropropene

Concen: 10.631 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052775.D

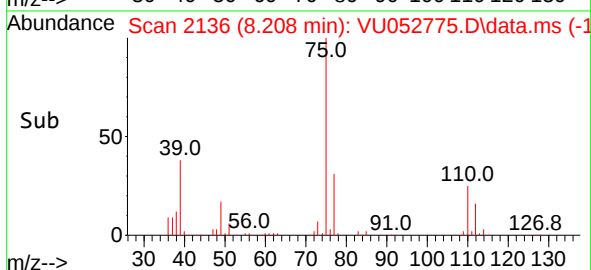
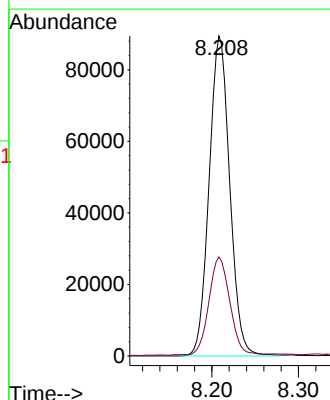
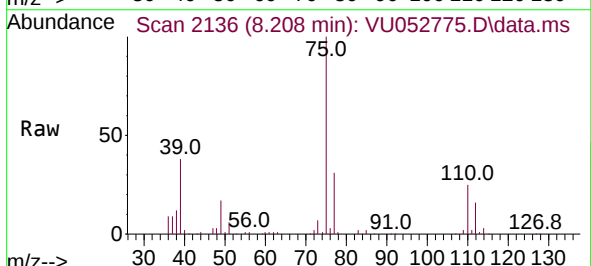
Acq: 23 Jan 2023 13:29

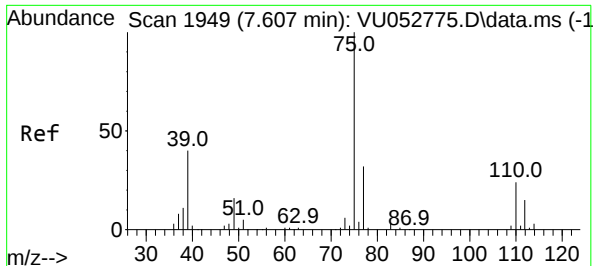
Tgt Ion: 75 Resp: 148029

Ion Ratio Lower Upper

75 100

77 30.5 24.4 36.6





#51

cis-1,3-Dichloropropene

Concen: 10.581 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

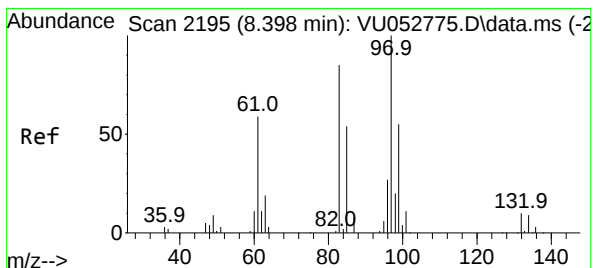
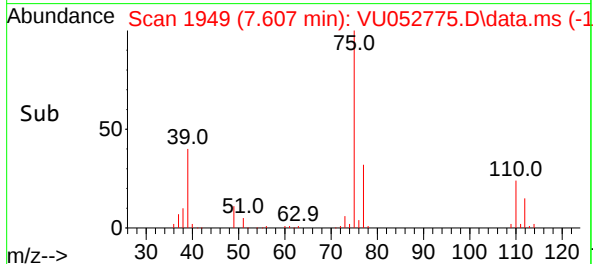
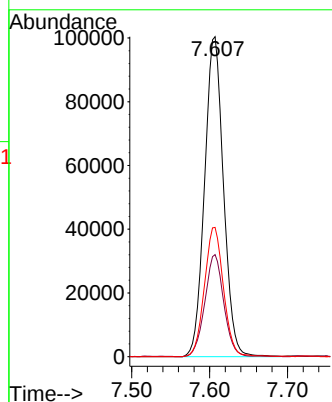
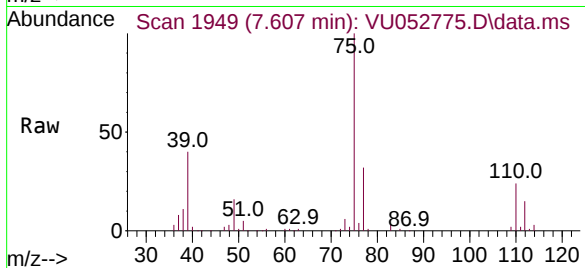
Tgt Ion: 75 Resp: 169670

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 40.4 32.3 48.5



#52

1,1,2-Trichloroethane

Concen: 9.050 ug/l

RT: 8.398 min Scan# 2195

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Tgt Ion: 97 Resp: 85428

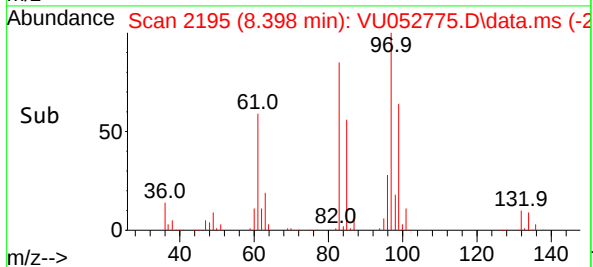
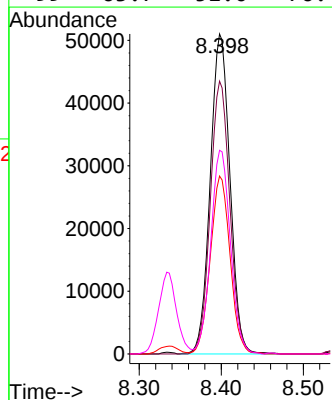
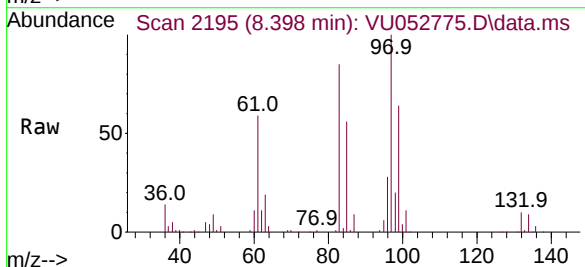
Ion Ratio Lower Upper

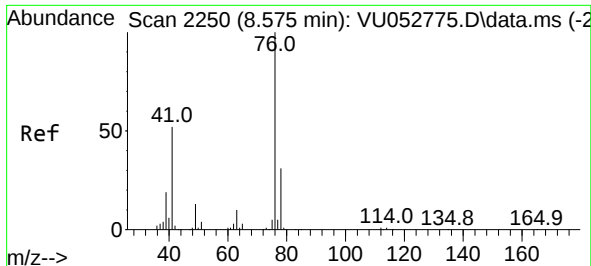
97 100

83 85.2 68.2 102.2

85 55.6 44.5 66.7

99 63.7 51.0 76.4





#53

1,3-Dichloropropane

Concen: 9.512 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

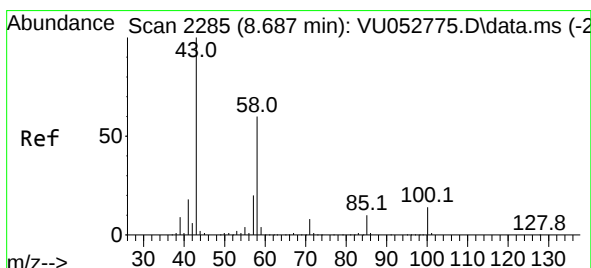
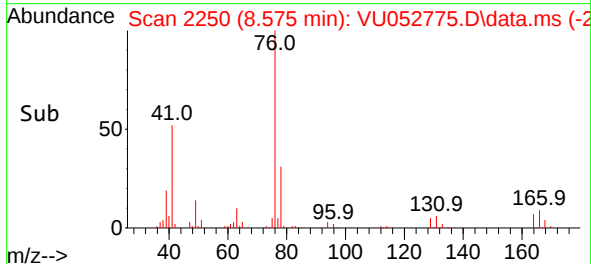
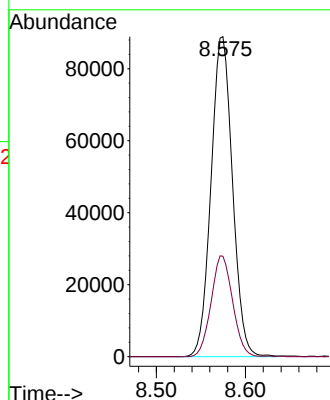
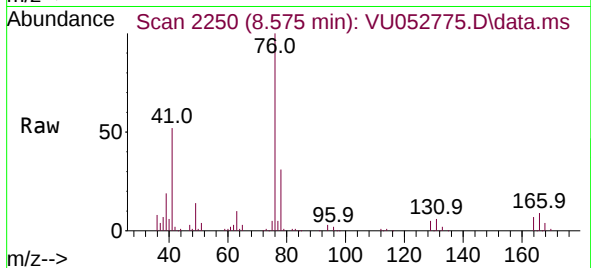
ClientSampleId :

Tgt Ion: 76 Resp: 148695

Ion Ratio Lower Upper

76 100

78 31.5 25.2 37.8



#54

2-Hexanone

Concen: 57.085 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

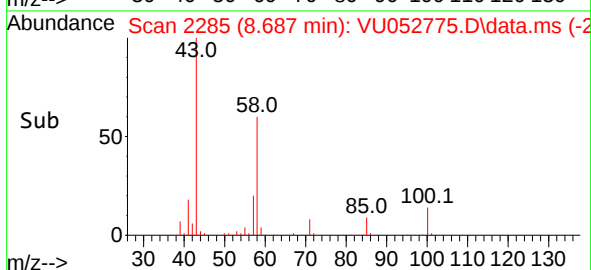
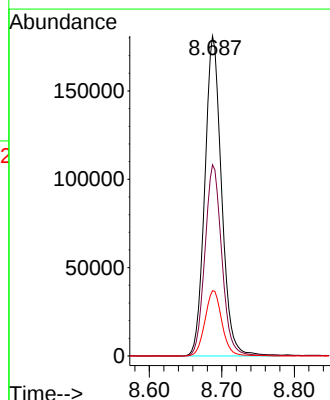
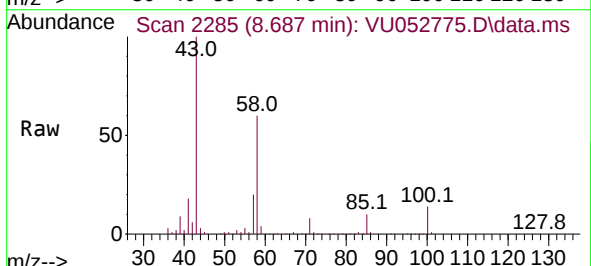
Tgt Ion: 43 Resp: 291004

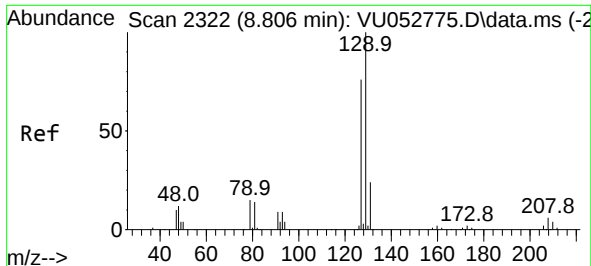
Ion Ratio Lower Upper

43 100

58 60.0 40.0 80.0

57 20.6 0.6 40.6





#55

Dibromochloromethane

Concen: 9.693 ug/l

RT: 8.806 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

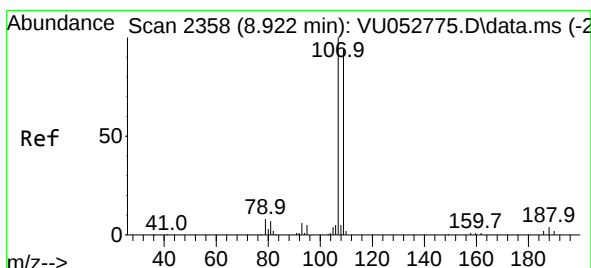
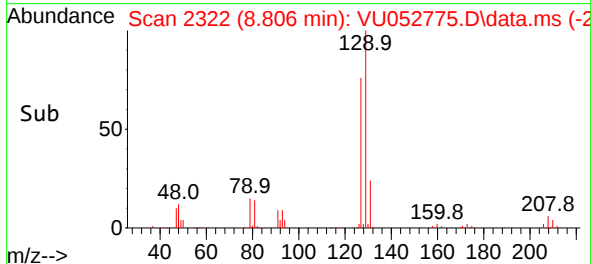
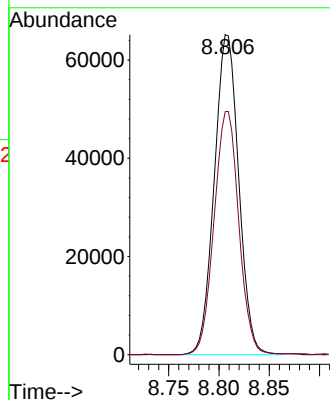
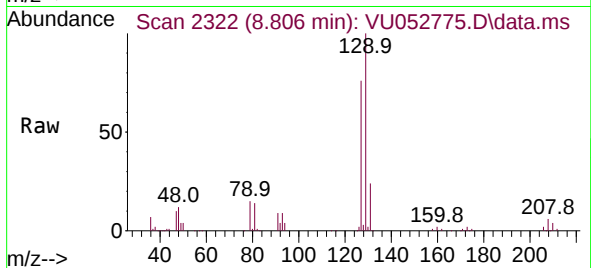
ClientSampleId :

Tgt Ion:129 Resp: 110218

Ion Ratio Lower Upper

129 100

127 76.9 61.5 92.3



#56

1,2-Dibromoethane

Concen: 9.015 ug/l

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU052775.D

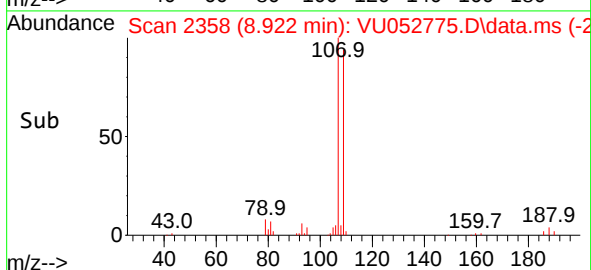
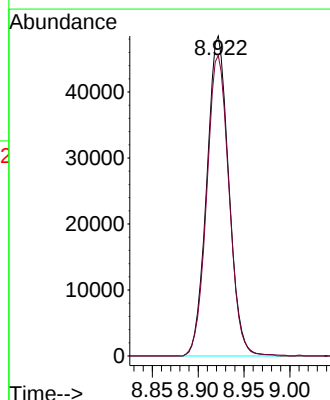
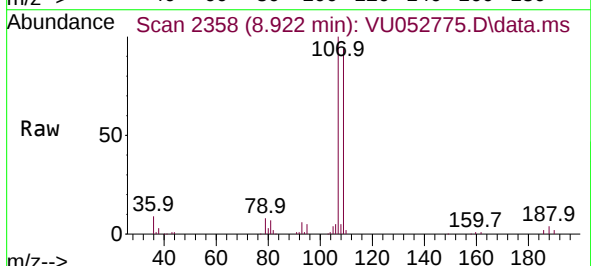
Acq: 23 Jan 2023 13:29

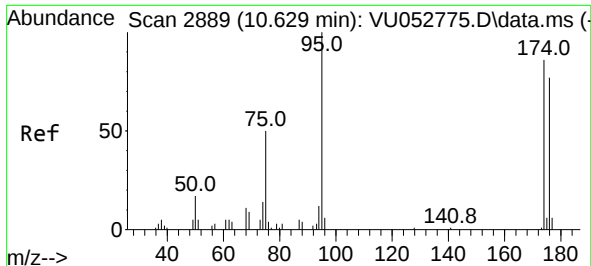
Tgt Ion:107 Resp: 80951

Ion Ratio Lower Upper

107 100

109 95.2 0.0 190.4

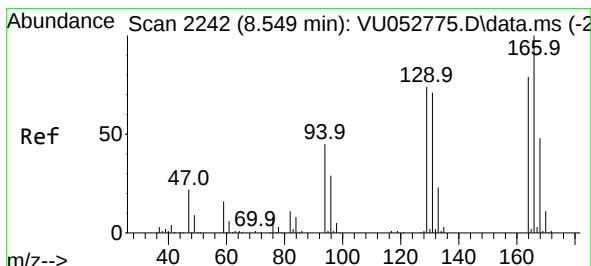
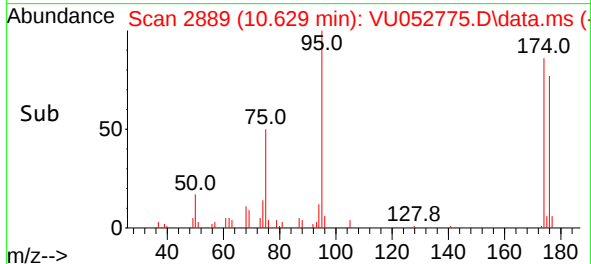
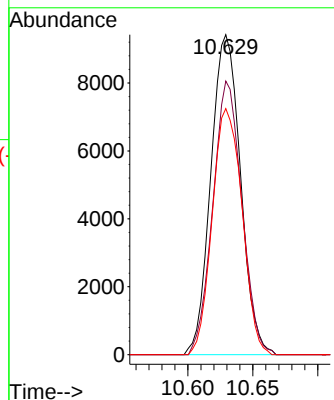
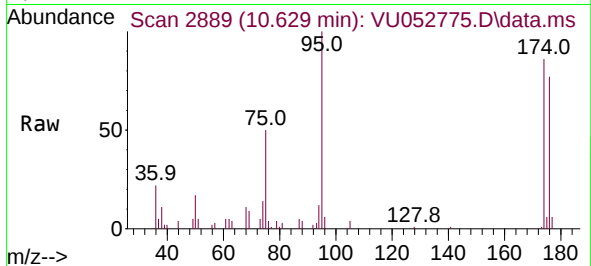




#57
4-Bromofluorobenzene
Concen: 0.988 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

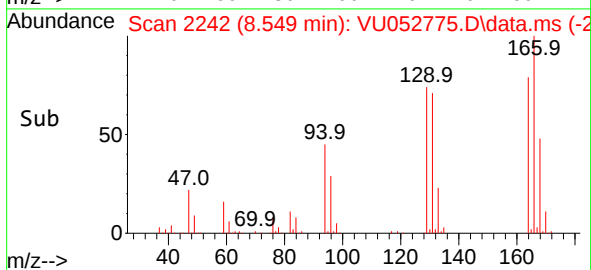
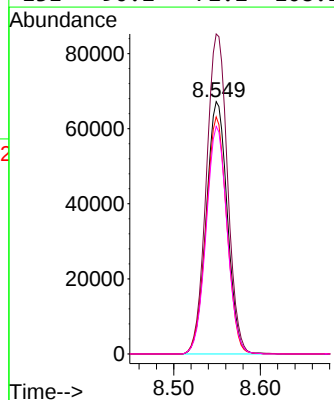
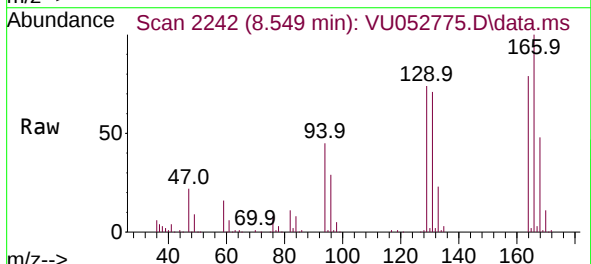
Instrument :
MSVOA_U
ClientSampleId :

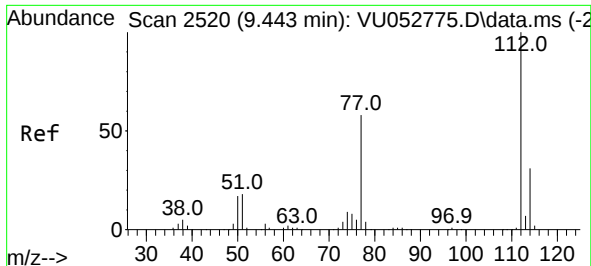
Tgt Ion: 95 Resp: 14928
Ion Ratio Lower Upper
95 100
174 83.6 66.9 100.3
176 77.4 61.9 92.9



#58
Tetrachloroethene
Concen: 9.495 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 164 Resp: 113784
Ion Ratio Lower Upper
164 100
166 126.9 101.5 152.3
129 94.0 75.2 112.8
131 90.2 72.2 108.2





#59

Chlorobenzene

Concen: 9.539 ug/l

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

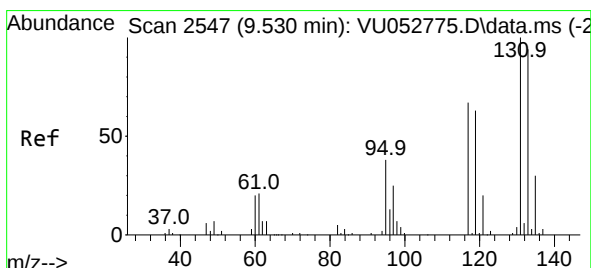
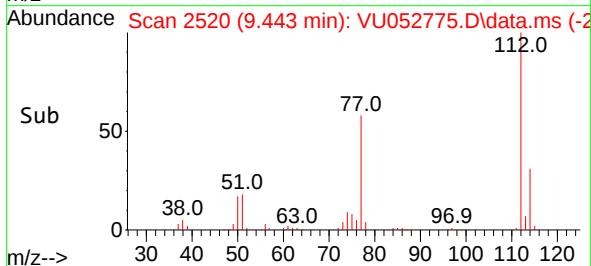
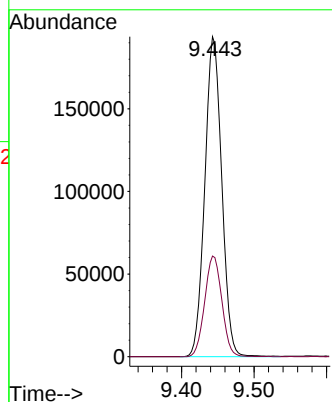
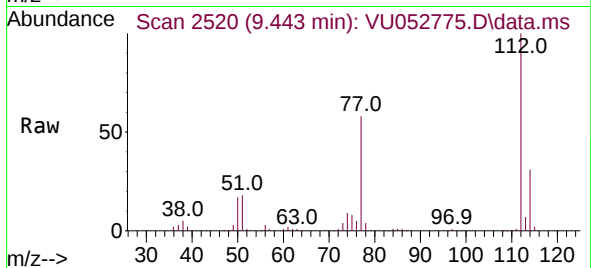
ClientSampleId :

Tgt Ion:112 Resp: 314061

Ion Ratio Lower Upper

112 100

114 31.5 25.2 37.8



#60

1,1,1,2-Tetrachloroethane

Concen: 10.011 ug/l

RT: 9.530 min Scan# 2547

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

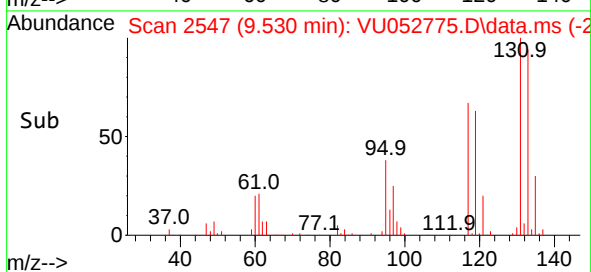
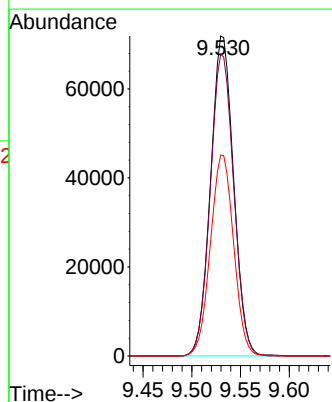
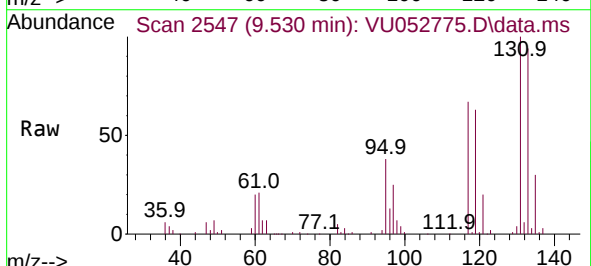
Tgt Ion:131 Resp: 117862

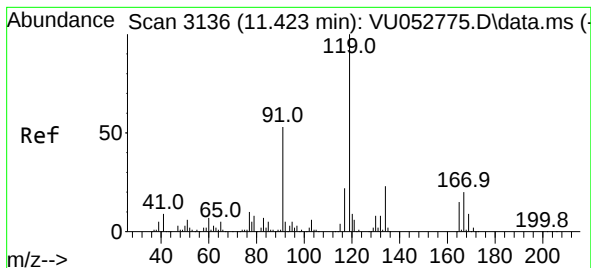
Ion Ratio Lower Upper

131 100

133 96.5 77.2 115.8

119 63.5 50.8 76.2





#61

Pentachloroethane

Concen: 9.890 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

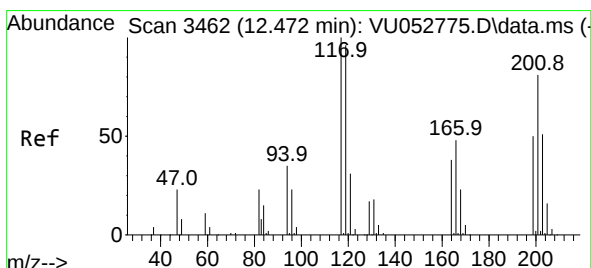
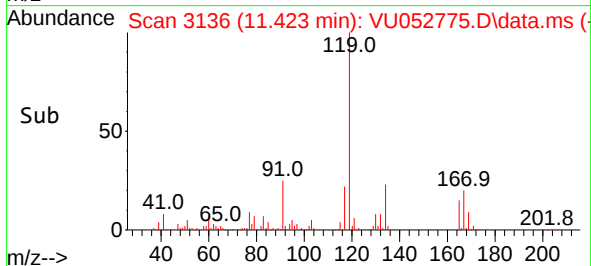
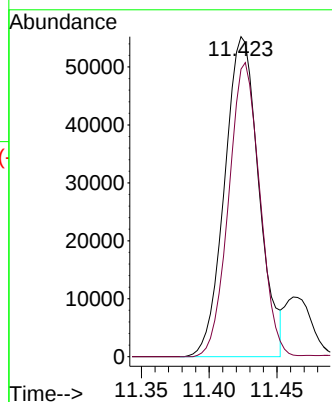
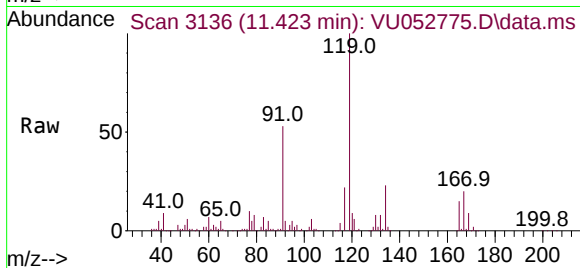
ClientSampleId :

Tgt Ion:117 Resp: 97209

Ion Ratio Lower Upper

117 100

167 83.5 66.8 100.2



#62

Hexachloroethane

Concen: 11.105 ug/l

RT: 12.472 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052775.D

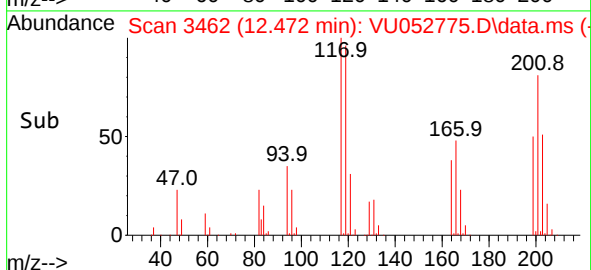
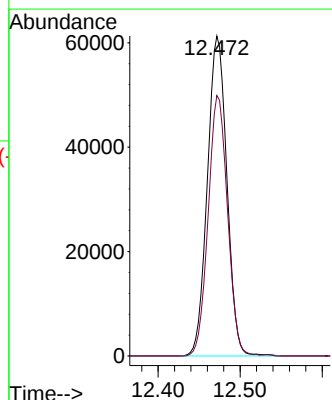
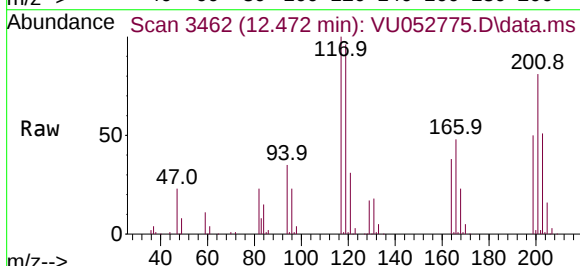
Acq: 23 Jan 2023 13:29

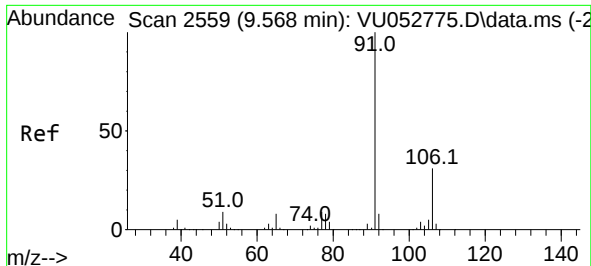
Tgt Ion:117 Resp: 101298

Ion Ratio Lower Upper

117 100

201 80.8 64.6 97.0

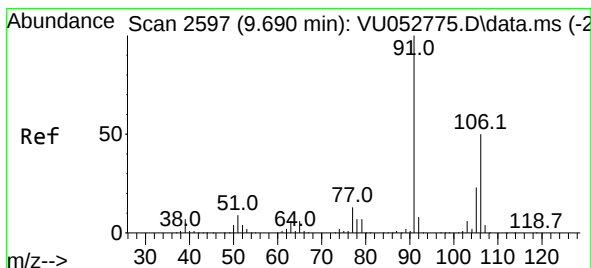
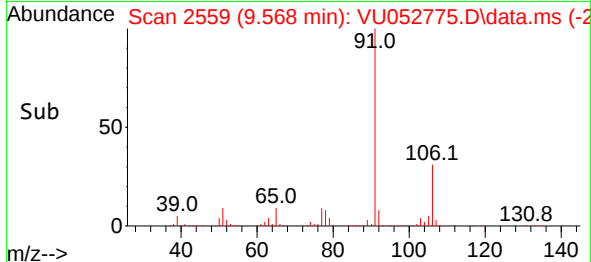
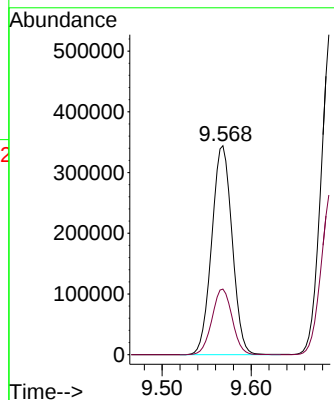
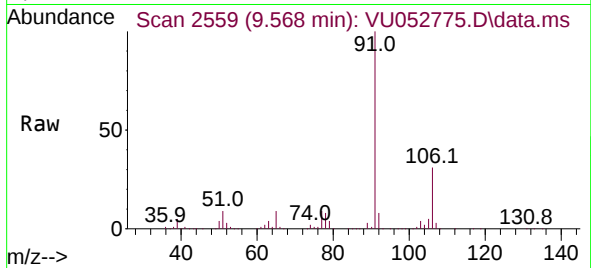




#63
Ethyl Benzene
Concen: 10.681 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

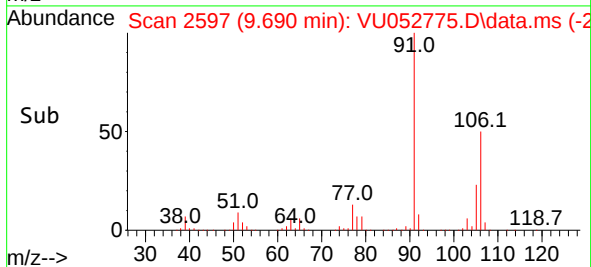
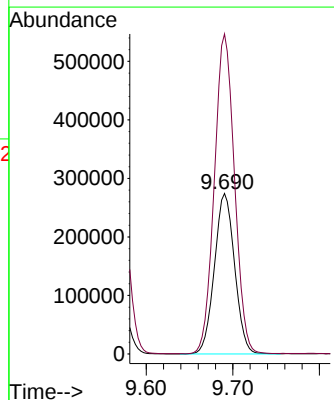
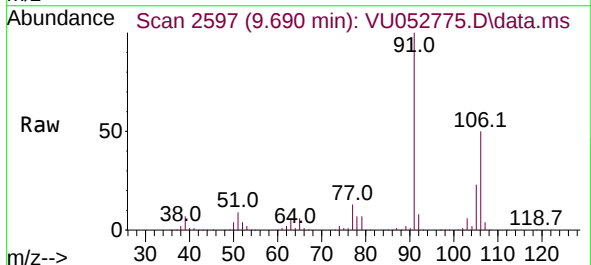
Instrument :
MSVOA_U
ClientSampleId :

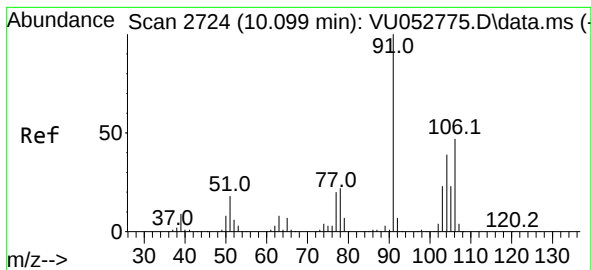
Tgt Ion: 91 Resp: 545999
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#64
m/p-Xylenes
Concen: 21.805 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 106 Resp: 444620
Ion Ratio Lower Upper
106 100
91 198.4 158.7 238.1

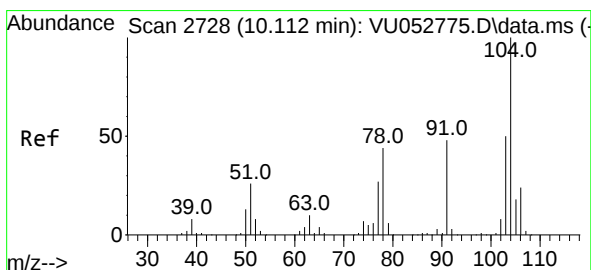
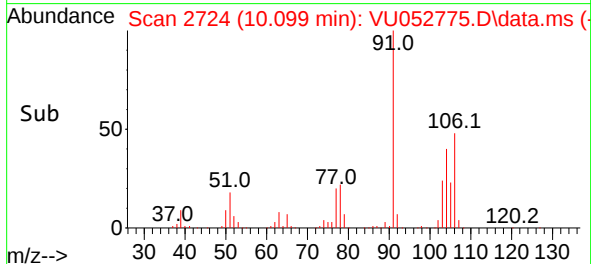
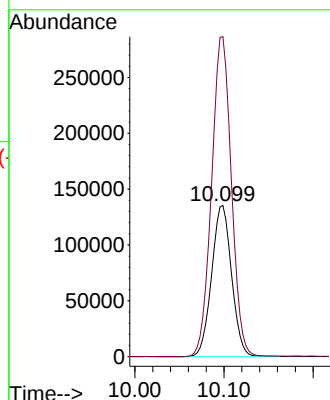
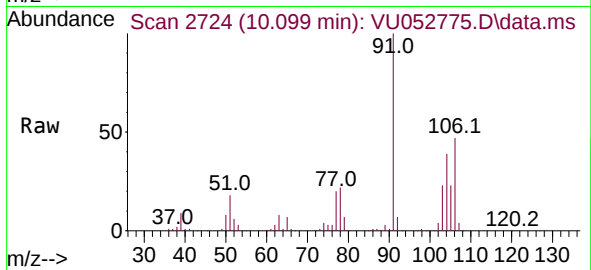




#65
o-Xylene
Concen: 10.774 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

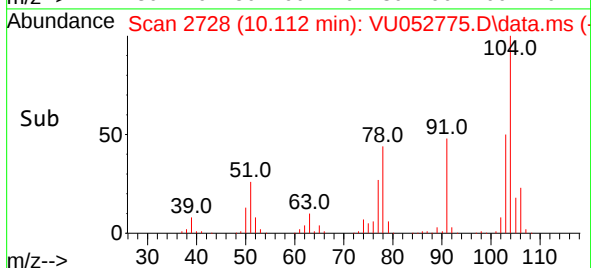
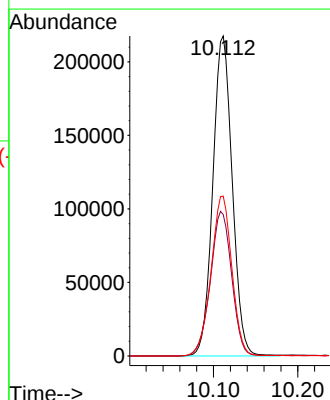
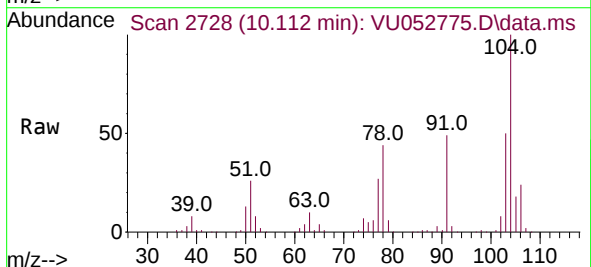
Instrument :
MSVOA_U
ClientSampleId :

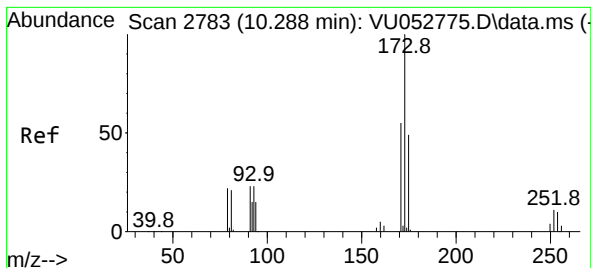
Tgt Ion:106 Resp: 210163
Ion Ratio Lower Upper
106 100
91 211.2 105.6 316.8



#66
Styrene
Concen: 10.659 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion:104 Resp: 347775
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 53.6 42.9 64.3





#67

Bromoform

Concen: 8.970 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052775.D

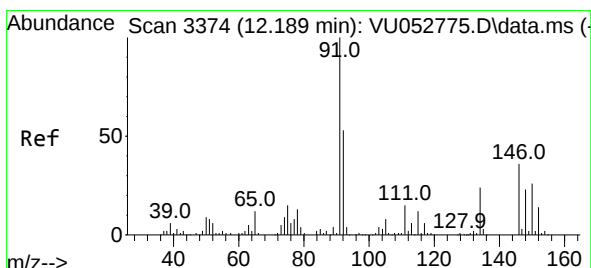
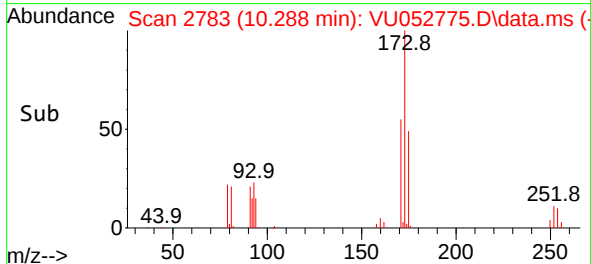
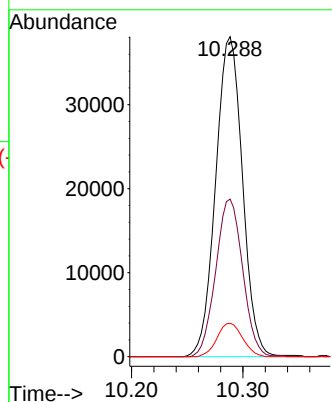
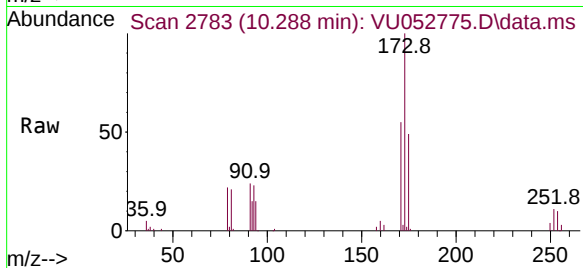
Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	173	Resp:	63717
Ion Ratio	Lower	Upper	
173	100		
175	49.4	39.5	59.3
254	10.0	8.0	12.0



#68

1,2-Dichlorobenzene-d4

Concen: 0.872 ug/l

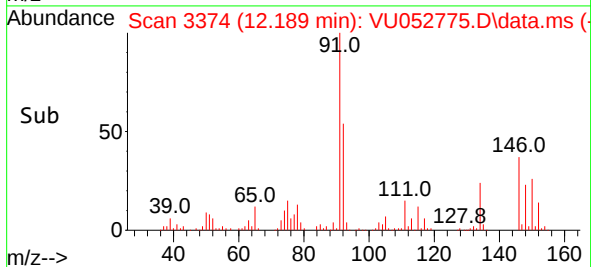
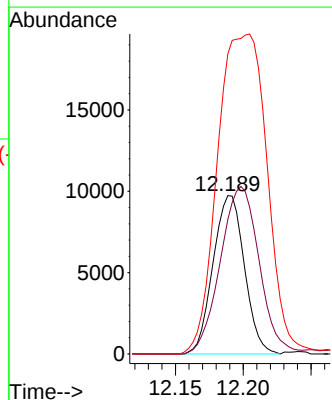
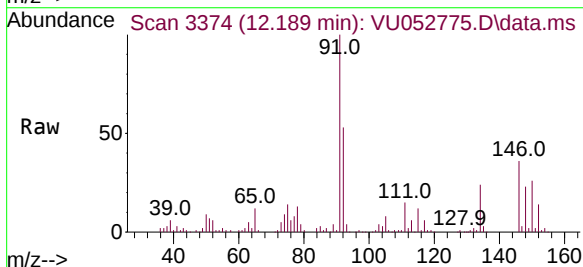
RT: 12.189 min Scan# 3374

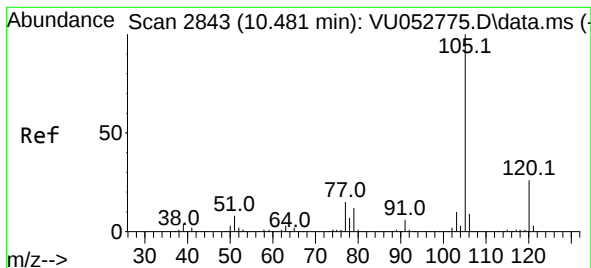
Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Tgt Ion:	152	Resp:	15635
Ion Ratio	Lower	Upper	
152	100		
115	131.3	0.0	262.6
150	319.0	0.0	638.0





#69

Isopropylbenzene

Concen: 10.743 ug/l

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

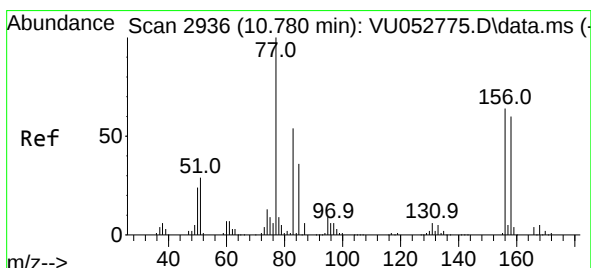
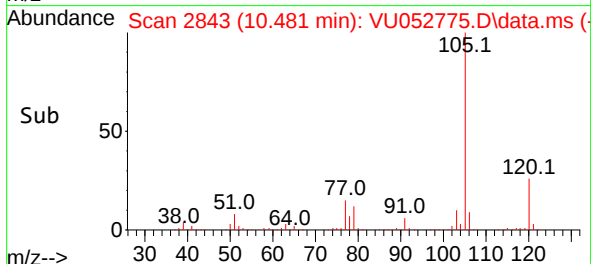
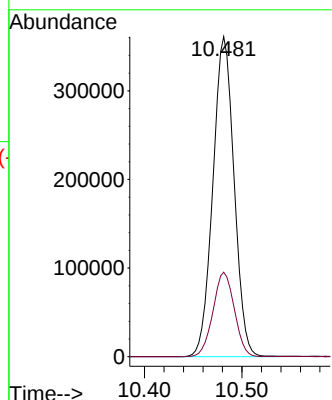
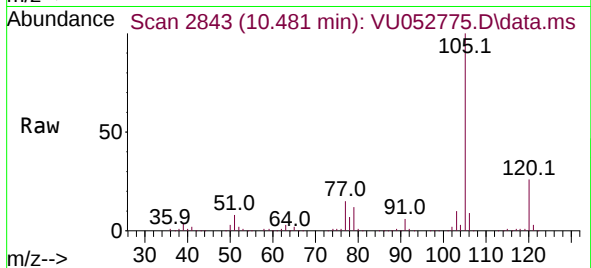
ClientSampleId :

Tgt Ion:105 Resp: 545217

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#70

1,1,2,2-Tetrachloroethane

Concen: 8.836 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

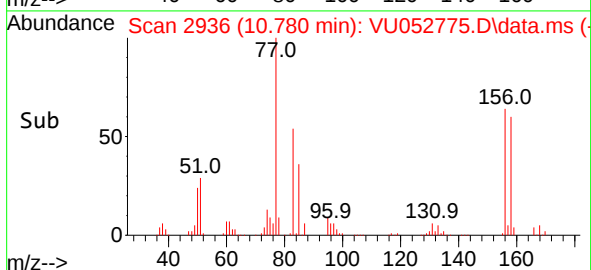
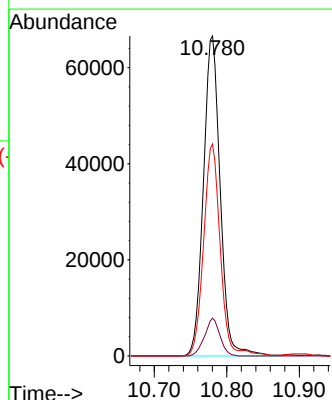
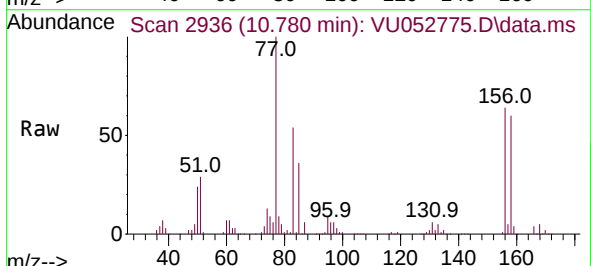
Tgt Ion: 83 Resp: 107200

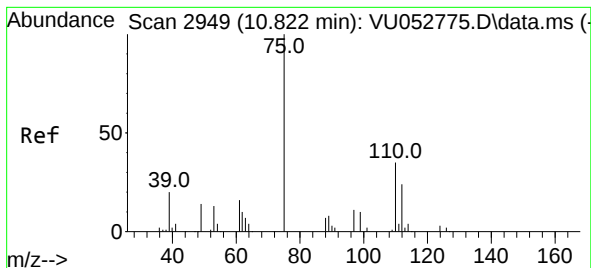
Ion Ratio Lower Upper

83 100

131 10.8 8.6 13.0

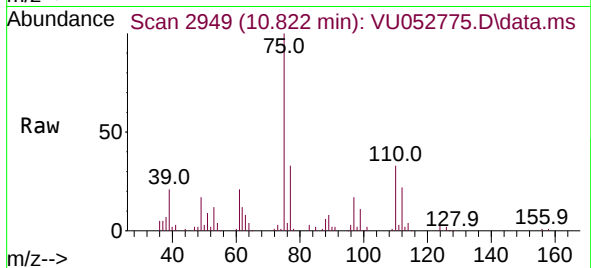
85 65.7 52.6 78.8



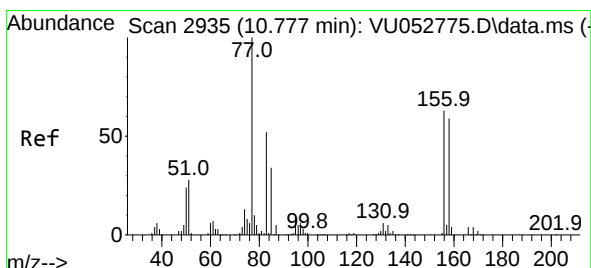
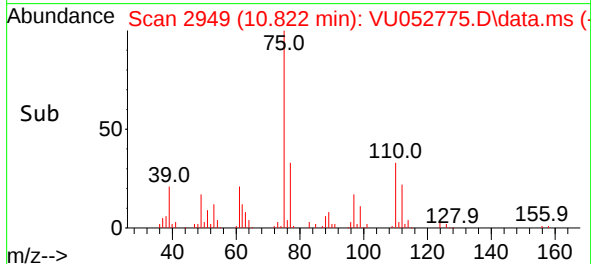
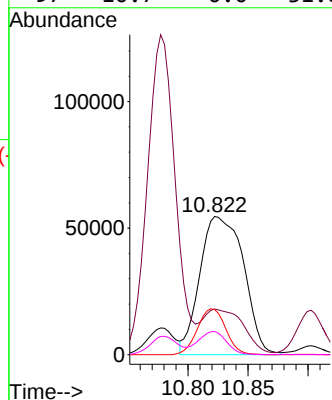


#71
1,2,3-Trichloropropane
Concen: 14.515 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Instrument :
MSVOA_U
ClientSampleId :

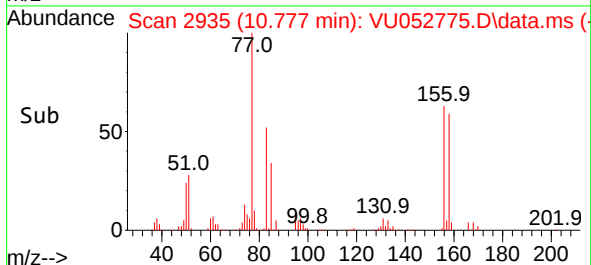
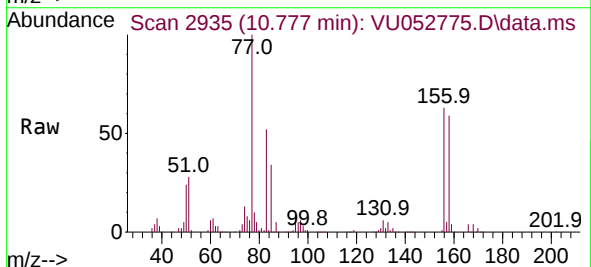
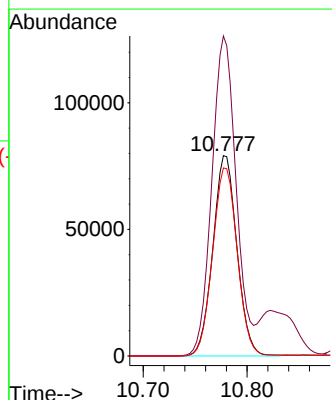


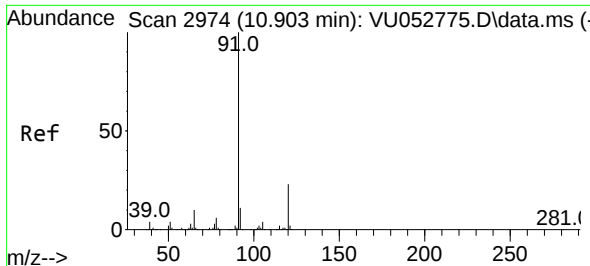
Tgt Ion:	75	Resp:	138509
Ion	Ratio	Lower	Upper
75	100		
77	29.1	0.0	86.0
110	21.6	0.0	63.8
97	10.7	0.0	31.8



#72
Bromobenzene
Concen: 8.567 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion:	156	Resp:	127382
Ion	Ratio	Lower	Upper
156	100		
77	160.6	0.0	321.2
158	96.0	0.0	192.0

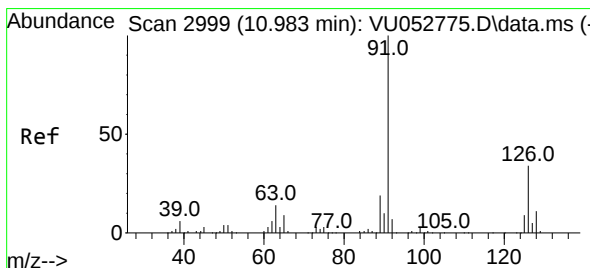
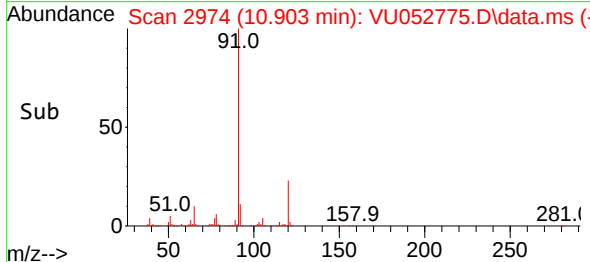
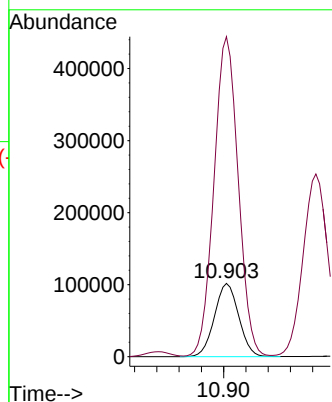
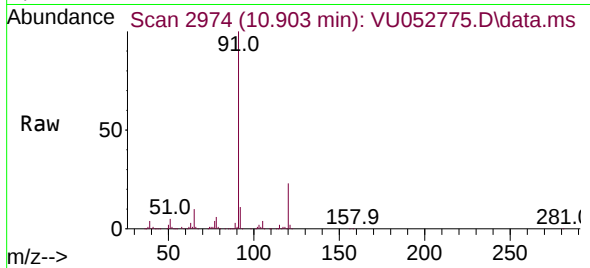




#73
n-propylbenzene
Concen: 10.679 ug/l
RT: 10.903 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

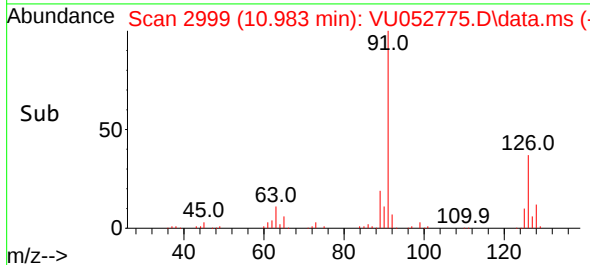
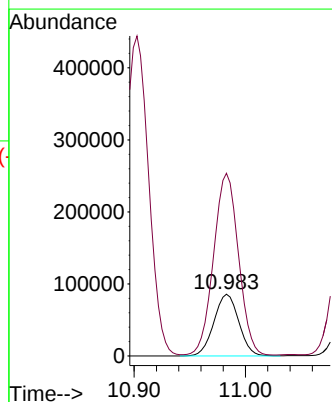
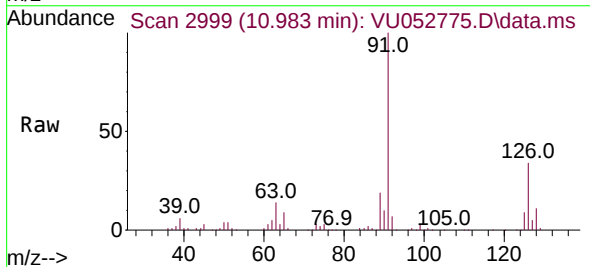
Instrument :
MSVOA_U
ClientSampleId :

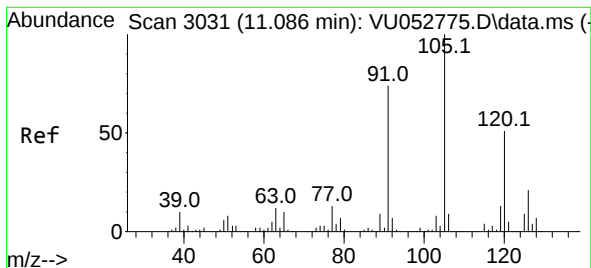
Tgt Ion:120 Resp: 153955
Ion Ratio Lower Upper
120 100
91 435.0 348.0 522.0



#74
2-Chlorotoluene
Concen: 9.793 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion:126 Resp: 132956
Ion Ratio Lower Upper
126 100
91 294.3 0.0 588.6





#75

1,3,5-Trimethylbenzene

Concen: 10.986 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

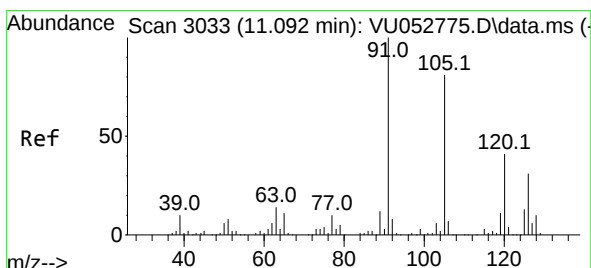
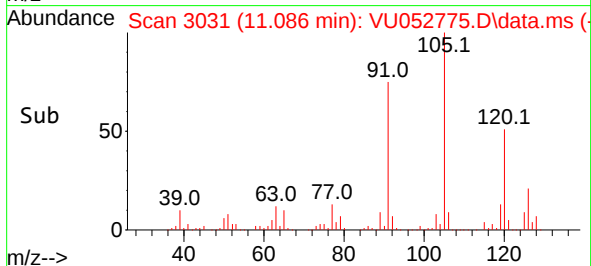
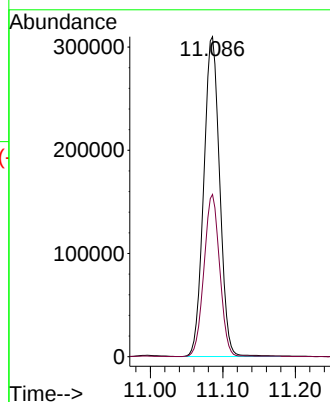
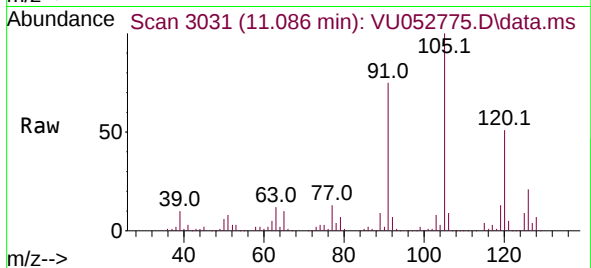
ClientSampleId :

Tgt Ion:105 Resp: 474306

Ion Ratio Lower Upper

105 100

120 49.9 39.9 59.9



#76

4-Chlorotoluene

Concen: 9.732 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU052775.D

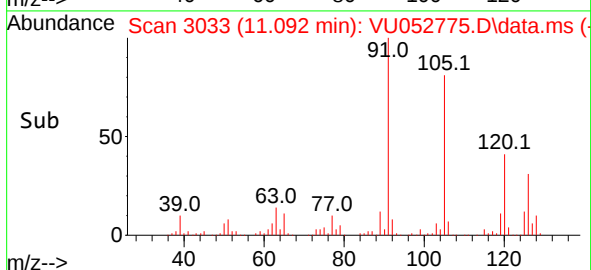
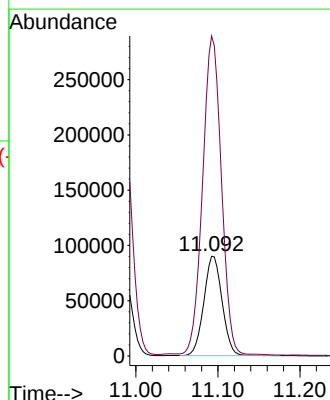
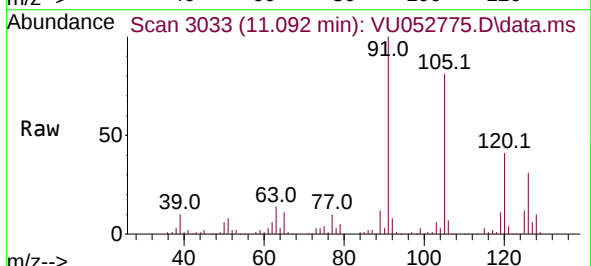
Acq: 23 Jan 2023 13:29

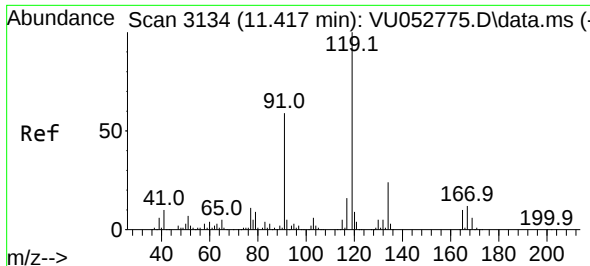
Tgt Ion:126 Resp: 139042

Ion Ratio Lower Upper

126 100

91 330.9 0.0 661.8

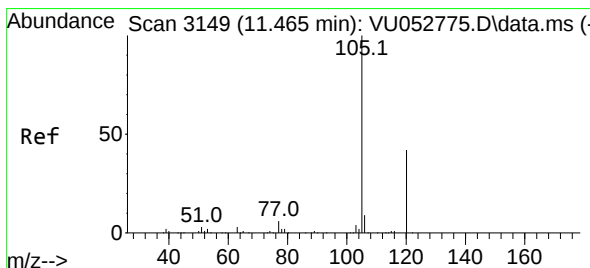
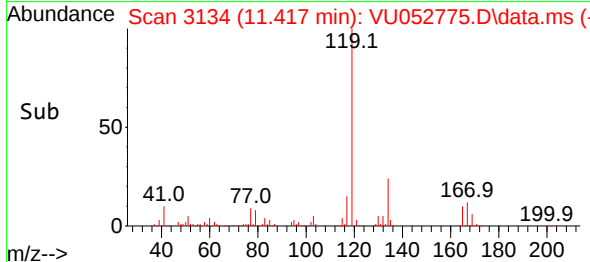
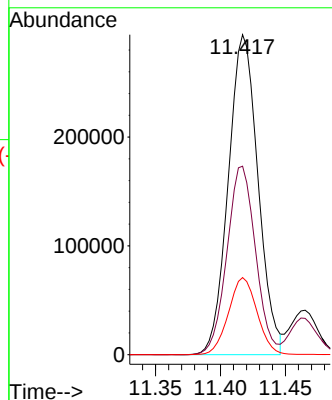
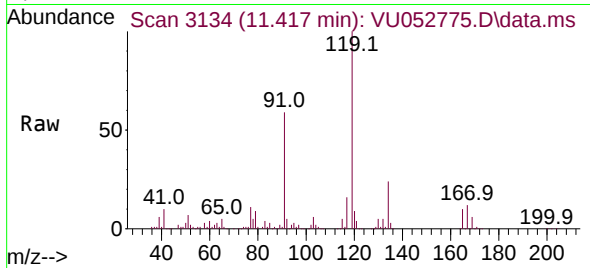




#77
 tert-Butylbenzene
 Concen: 10.713 ug/l
 RT: 11.417 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: VU052775.D
 Acq: 23 Jan 2023 13:29

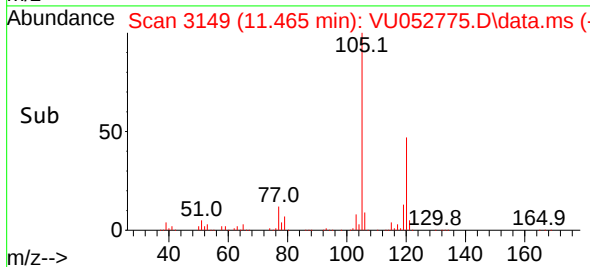
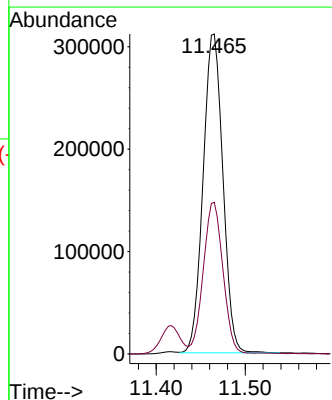
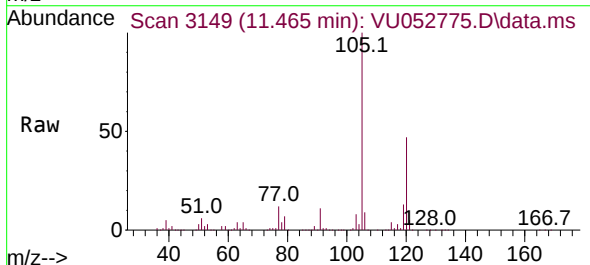
Instrument :
 MSVOA_U
 ClientSampleId :

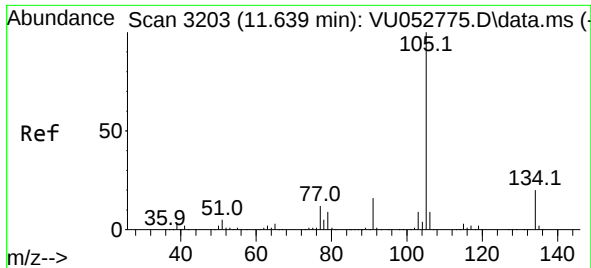
Tgt Ion:119 Resp: 469082
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.4 85.3
 134 23.2 18.6 27.8



#78
 1,2,4-Trimethylbenzene
 Concen: 10.863 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU052775.D
 Acq: 23 Jan 2023 13:29

Tgt Ion:105 Resp: 479730
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3

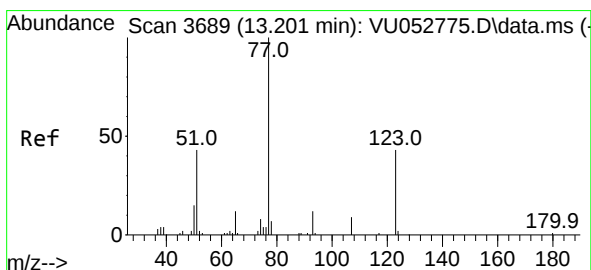
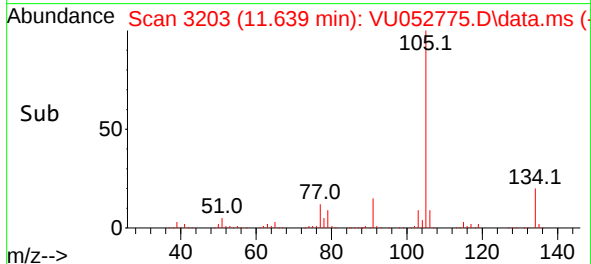
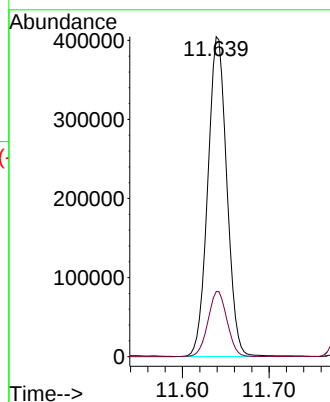
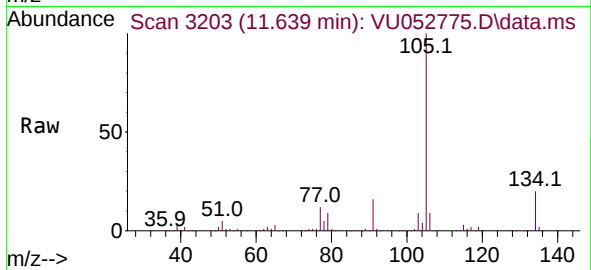




#79
 sec-Butylbenzene
 Concen: 10.780 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU052775.D
 Acq: 23 Jan 2023 13:29

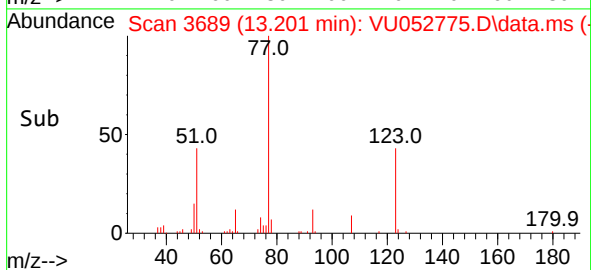
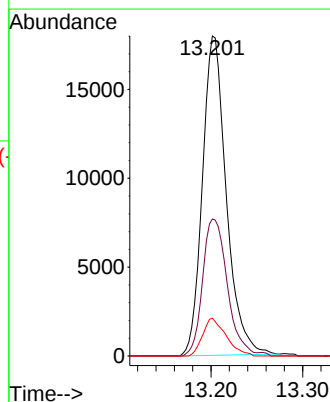
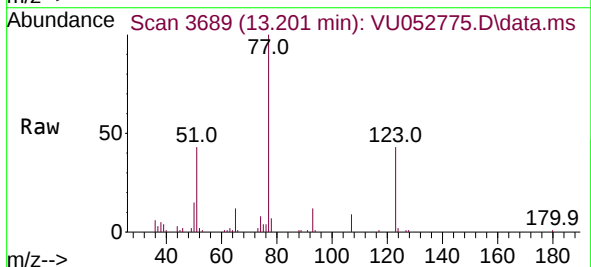
Instrument :
 MSVOA_U
 ClientSampleId :

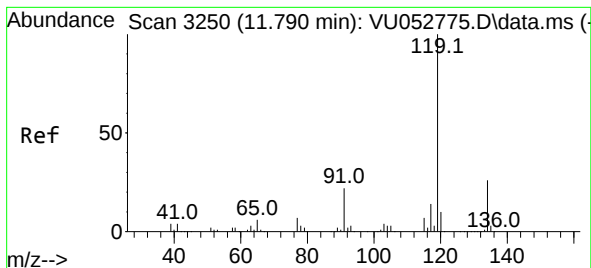
Tgt Ion:105 Resp: 616741
 Ion Ratio Lower Upper
 105 100
 134 20.6 16.5 24.7



#80
 Nitrobenzene
 Concen: 65.325 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. 0.000 min
 Lab File: VU052775.D
 Acq: 23 Jan 2023 13:29

Tgt Ion: 77 Resp: 32545
 Ion Ratio Lower Upper
 77 100
 123 42.8 18.8 66.8
 65 11.5 10.1 12.9





#81

p-Isopropyltoluene

Concen: 11.133 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

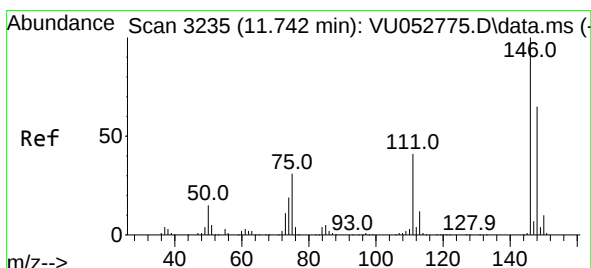
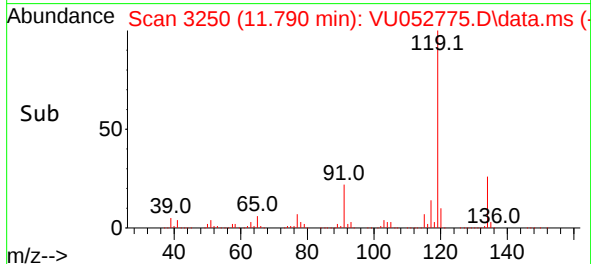
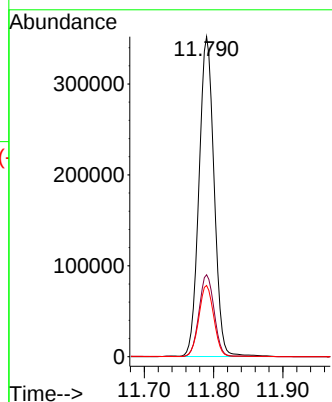
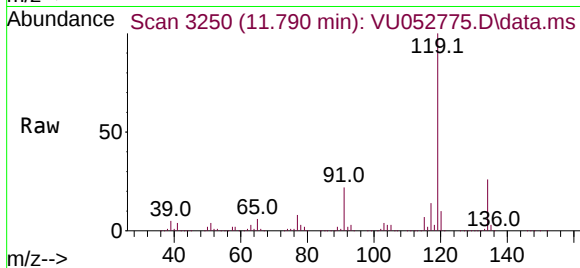
Tgt Ion:119 Resp: 533255

Ion Ratio Lower Upper

119 100

134 25.9 20.7 31.1

91 22.0 17.6 26.4



#82

1,3-Dichlorobenzene

Concen: 8.799 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

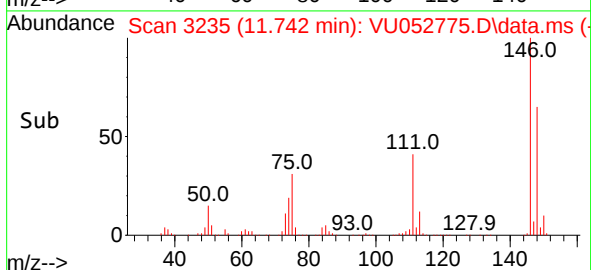
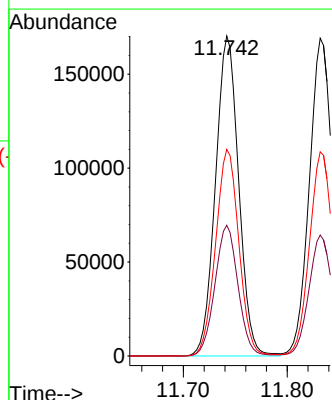
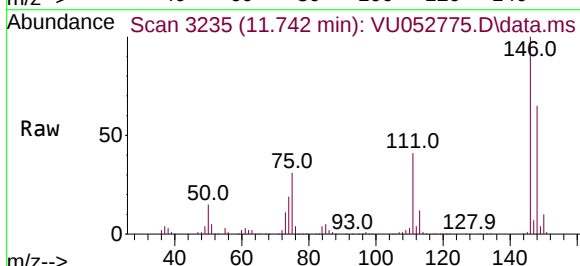
Tgt Ion:146 Resp: 264232

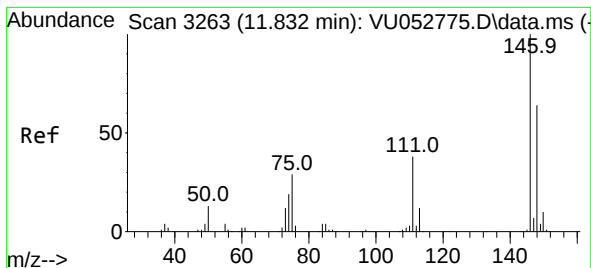
Ion Ratio Lower Upper

146 100

111 40.7 32.6 48.8

148 64.9 51.9 77.9





#83

1,4-Dichlorobenzene

Concen: 8.968 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

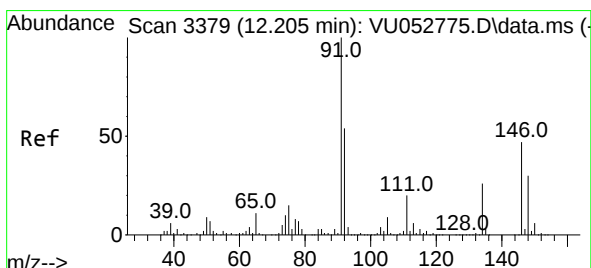
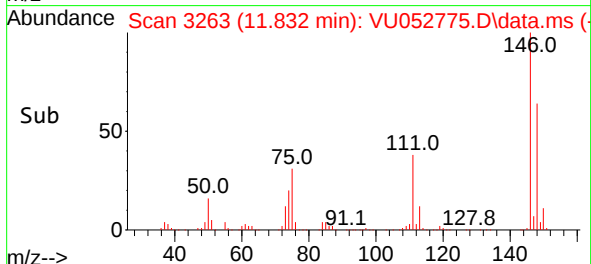
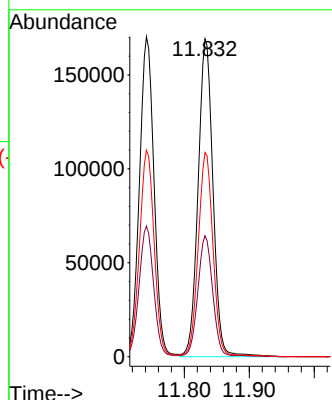
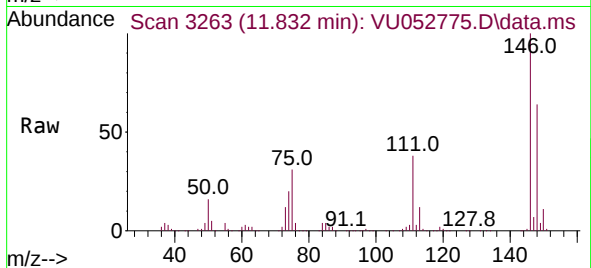
Tgt Ion:146 Resp: 270149

Ion Ratio Lower Upper

146 100

111 36.9 29.5 44.3

148 64.2 51.4 77.0



#84

n-Butylbenzene

Concen: 10.225 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

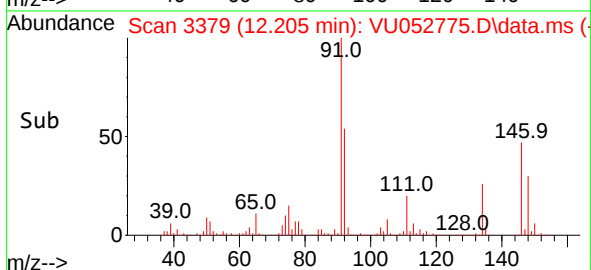
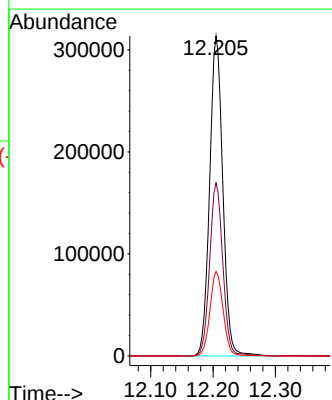
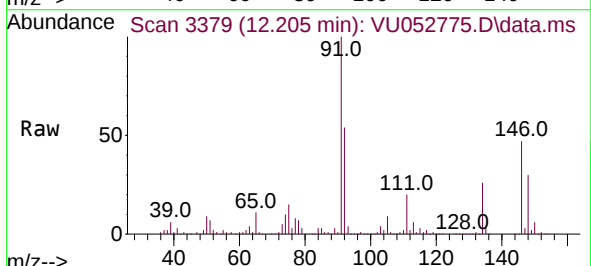
Tgt Ion: 91 Resp: 461352

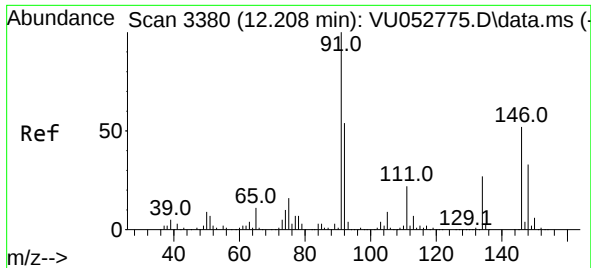
Ion Ratio Lower Upper

91 100

92 54.2 43.4 65.0

134 26.5 21.2 31.8

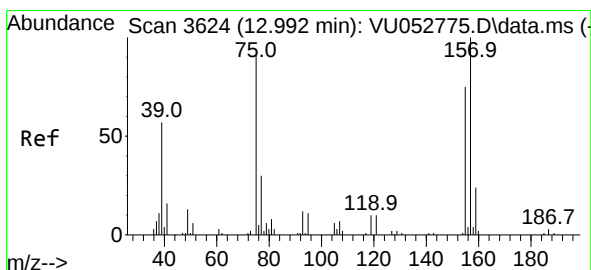
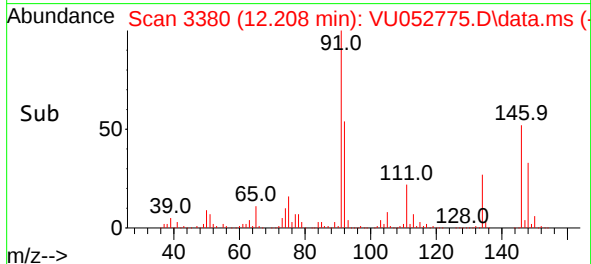
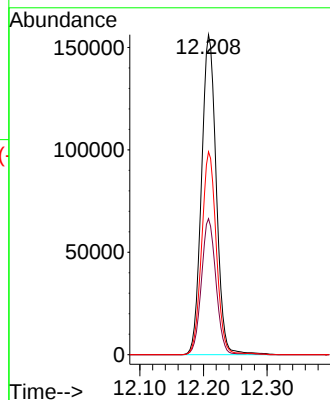
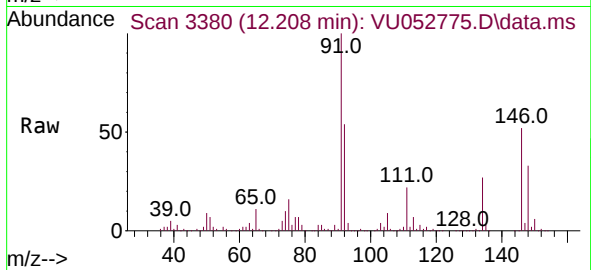




#85
1,2-Dichlorobenzene
Concen: 8.833 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

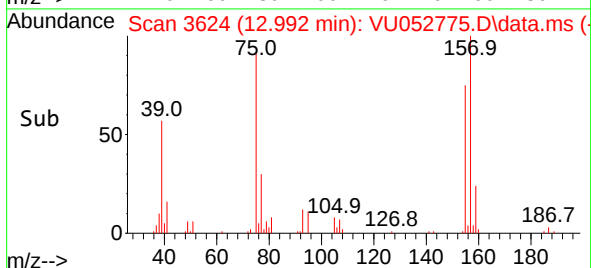
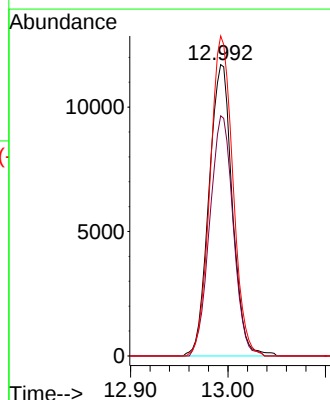
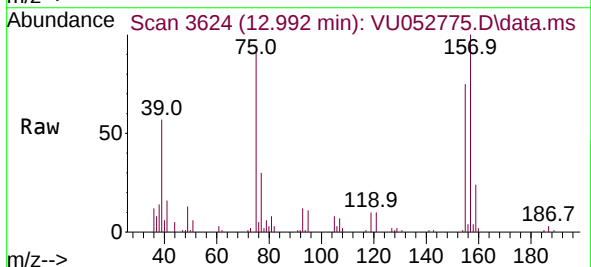
Instrument :
MSVOA_U
ClientSampleId :

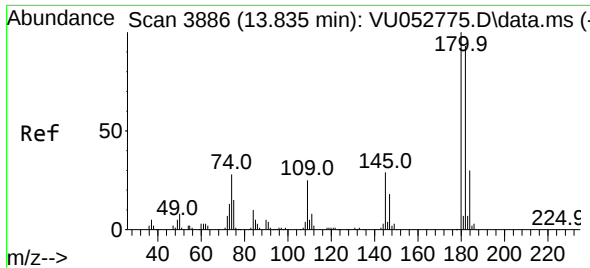
Tgt Ion:146 Resp: 251699
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.5
148 62.8 31.4 94.2



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.931 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU052775.D
Acq: 23 Jan 2023 13:29

Tgt Ion: 75 Resp: 19514
Ion Ratio Lower Upper
75 100
155 82.5 66.0 99.0
157 107.4 85.9 128.9

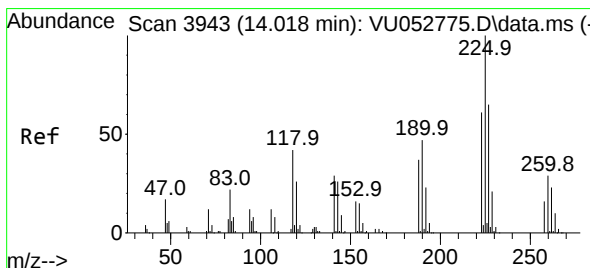
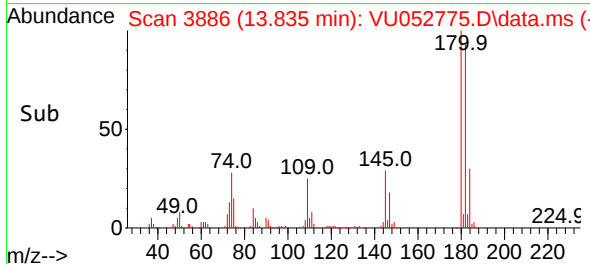
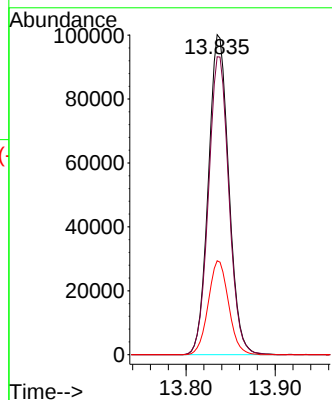
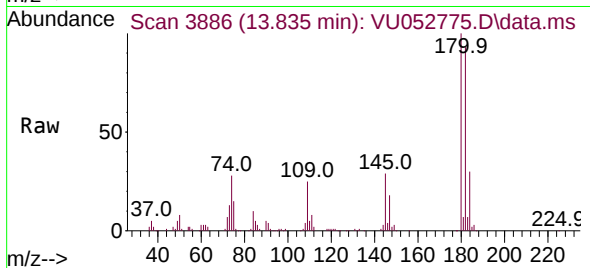




#87
 1,2,4-Trichlorobenzene
 Concen: 7.893 ug/l
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU052775.D
 Acq: 23 Jan 2023 13:29

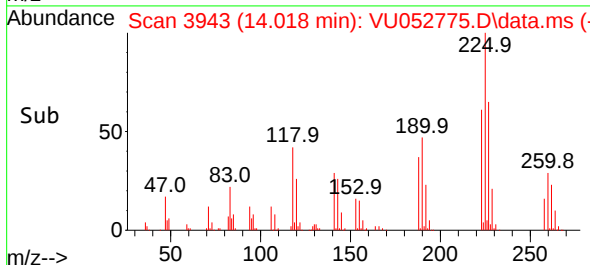
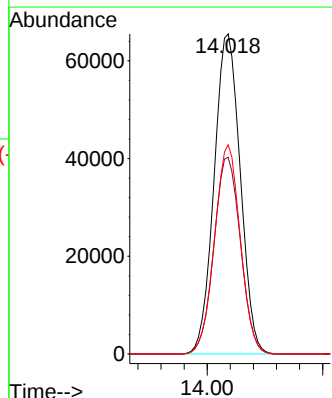
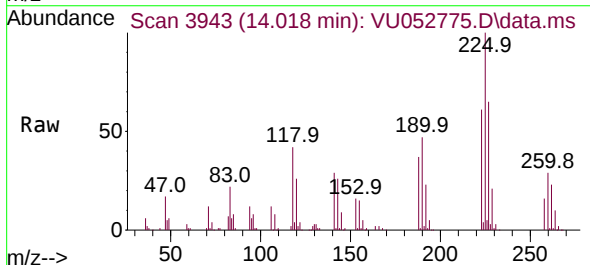
Instrument :
 MSVOA_U
 ClientSampleId :

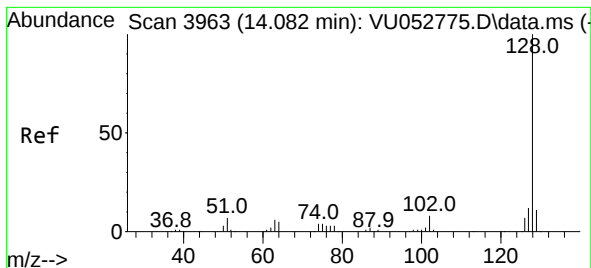
Tgt Ion:180 Resp: 159189
 Ion Ratio Lower Upper
 180 100
 182 93.3 74.6 112.0
 145 29.2 23.4 35.0



#88
 Hexachlorobutadiene
 Concen: 8.488 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. 0.000 min
 Lab File: VU052775.D
 Acq: 23 Jan 2023 13:29

Tgt Ion:225 Resp: 103135
 Ion Ratio Lower Upper
 225 100
 223 62.2 49.8 74.6
 227 64.4 51.5 77.3





#89

Naphthalene

Concen: 9.092 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Instrument :

MSVOA_U

ClientSampleId :

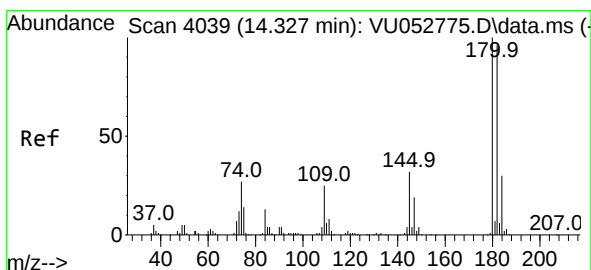
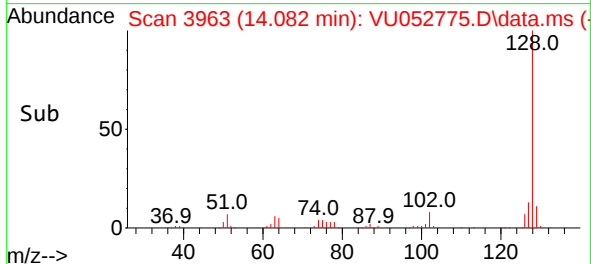
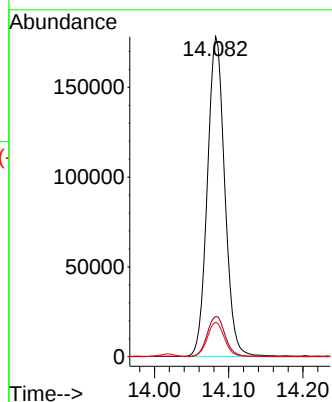
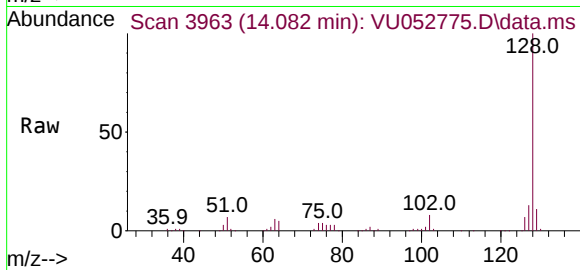
Tgt Ion:128 Resp: 288146

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 8.019 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU052775.D

Acq: 23 Jan 2023 13:29

Tgt Ion:180 Resp: 150488

Ion Ratio Lower Upper

180 100

182 97.2 77.8 116.6

145 31.5 25.2 37.8

