

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052774.D
 Acq On : 23 Jan 2023 12:55
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 04:35:08 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	6.109	96	42198	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	14610	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	14677	0.820	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	72993	4.874	ug/l	99
3) Chloromethane	1.520	50	66426	4.076	ug/l	98
4) Vinyl Chloride	1.604	62	67280	4.591	ug/l	99
5) Bromomethane	1.858	94	33641	3.736	ug/l	94
6) Chloroethane	1.935	64	39642	4.397	ug/l	96
7) Trichlorofluoromethane	2.141	101	97609	4.929	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	52399	4.630	ug/l	99
9) 1,1-Dichloroethene	2.581	96	49927	4.456	ug/l	98
10) Iodomethane	2.723	142	58084	6.837	ug/l	99
11) Allyl Chloride	2.922	41	60393	3.992	ug/l	98
12) Acrylonitrile	3.314	53	21687	7.805	ug/l	99
13) Acetone	2.639	43	80464	33.608	ug/l	97
14) Carbon Disulfide	2.794	76	165456	4.624	ug/l	99
15) Methylene Chloride	3.044	84	55719	3.136	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	55879	4.537	ug/l	96
17) 1,1-Dichloroethane	3.868	63	93319	4.608	ug/l	99
18) 2-Butanone	4.720	43	92931	30.110	ug/l	99
19) Cyclohexane	5.382	56	72425	4.675	ug/l	91
20) Methylcyclohexane	6.758	83	93752	5.356	ug/l	98
21) 2,2-Dichloropropane	4.662	77	85678	5.093	ug/l	98
22) cis-1,2-Dichloroethene	4.665	96	57204	4.542	ug/l	98
23) Diethyl Ether	2.376	59	34349	4.128	ug/l	96
24) tert-Butyl Alcohol	3.237	59	18135	20.053	ug/l	# 34
25) Methyl tert-Butyl Ether	3.363	73	115593	4.193	ug/l	99
26) Bromochloromethane	4.970	128	26161	4.206	ug/l	97
27) Chloroform	5.086	83	98679	4.588	ug/l	98
28) 1,1,1-Trichloroethane	5.311	97	93136	5.049	ug/l	98
29) 1,1-Dichloropropene	5.520	75	78070	5.031	ug/l	98
30) Carbon Tetrachloride	5.520	117	84410	5.206	ug/l	99
31) Isopropyl Ether	3.993	45	133661	4.774	ug/l	100
32) Ethyl-t-butyl ether	4.504	59	127186	4.701	ug/l	100
33) Tert-Amyl methyl ether	5.945	73	112502	4.618	ug/l	100
34) Propionitrile	4.794	54	20898	21.994	ug/l	# 8
35) Benzene	5.771	78	228953	4.934	ug/l	100
36) 1,2-Dichloroethane	5.793	62	67896	4.959	ug/l	97
37) Trichloroethene	6.539	130	62162	4.651	ug/l	99
38) 1,2-Dichloropropane	6.790	63	60204	5.103	ug/l	99
39) Methacrylonitrile	4.980	41	16476	4.835	ug/l	98
40) Methyl acrylate	4.848	55	26738	4.724	ug/l	96
41) Tetrahydrofuran	5.067	42	16318	8.591	ug/l	92
42) 1-Chlorobutane	5.453	56	98833	4.964	ug/l	99
43) Dibromomethane	6.919	93	29422	4.430	ug/l	99
44) Bromodichloromethane	7.102	83	80331	5.115	ug/l	98

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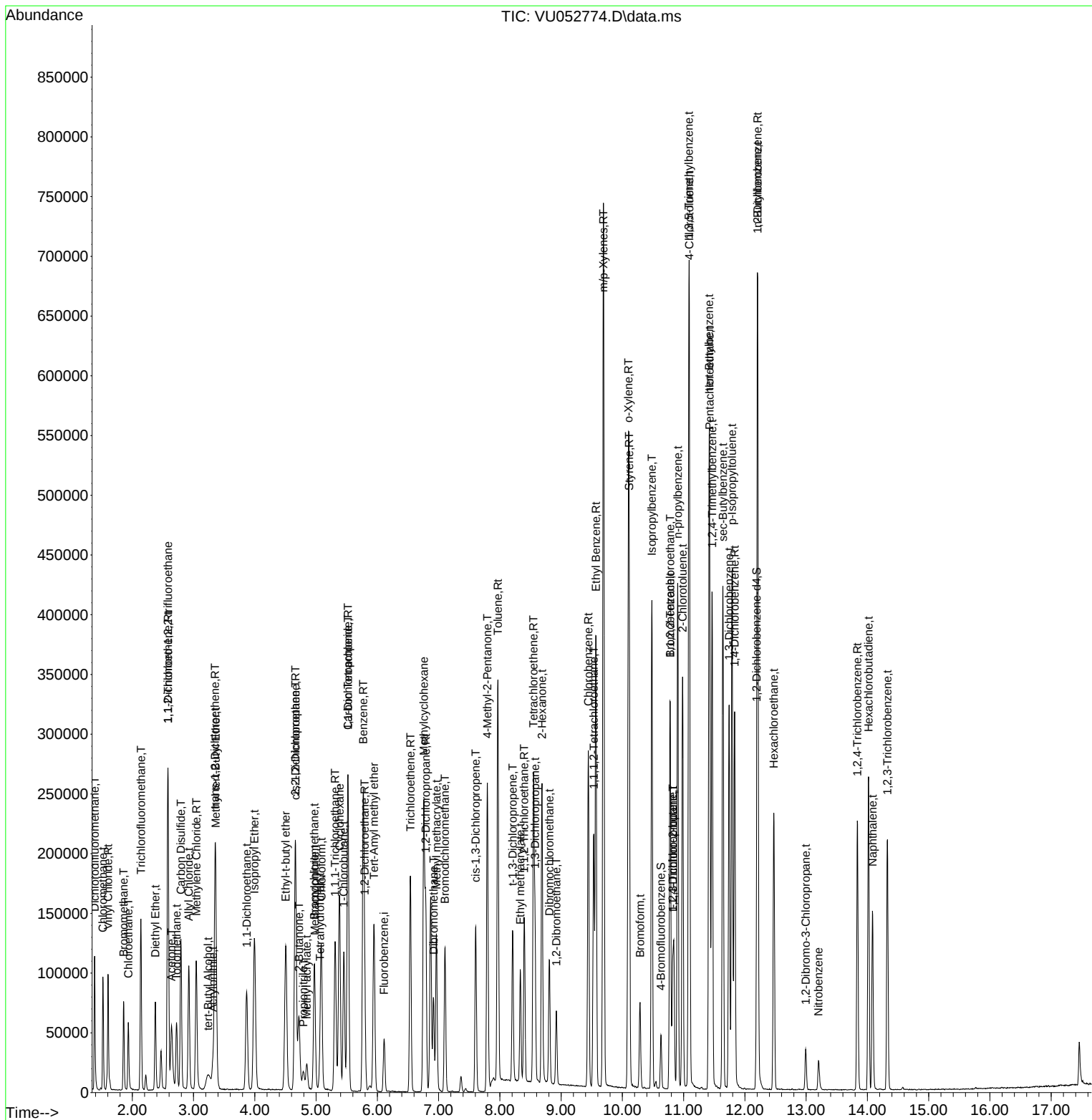
Instrument :
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 ClientSampleId :

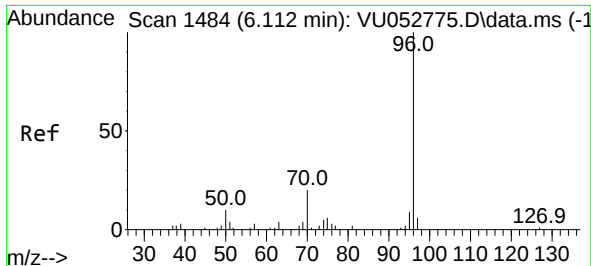
Quant Time: Jan 24 04:35:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	161620	23.557	ug/l	99
46) t-1,4-Dichloro-2-butene	10.822	75	67185	20.572	ug/l #	57
47) Methyl methacrylate	6.964	69	54505	10.032	ug/l	97
48) Ethyl methacrylate	8.334	69	50577	5.065	ug/l	100
49) Toluene	7.967	92	145493	5.173	ug/l	99
50) t-1,3-Dichloropropene	8.208	75	70739	5.089	ug/l	97
51) cis-1,3-Dichloropropene	7.607	75	82342	5.144	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	42605	4.521	ug/l	97
53) 1,3-Dichloropropane	8.575	76	72736	4.661	ug/l	97
54) 2-Hexanone	8.687	43	149936	29.462	ug/l	99
55) Dibromochloromethane	8.809	129	55272	4.869	ug/l	100
56) 1,2-Dibromoethane	8.922	107	39967	4.458	ug/l	99
58) Tetrachloroethene	8.549	164	56460	4.719	ug/l	99
59) Chlorobenzene	9.443	112	153351	4.666	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.533	131	59046	5.023	ug/l	98
61) Pentachloroethane	11.423	117	48257	4.918	ug/l	100
62) Hexachloroethane	12.472	117	49525	5.438	ug/l	99
63) Ethyl Benzene	9.568	91	257296	5.042	ug/l	100
64) m/p-Xylenes	9.690	106	213526	10.489	ug/l	99
65) o-Xylene	10.099	106	98323	5.049	ug/l	96
66) Styrene	10.112	104	165146	5.070	ug/l	100
67) Bromoform	10.288	173	32551	4.590	ug/l	99
69) Isopropylbenzene	10.481	105	256171	5.056	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	54249	4.479	ug/l	99
71) 1,2,3-Trichloropropane	10.822	75	67185	7.052	ug/l	82
72) Bromobenzene	10.780	156	61607	4.150	ug/l	98
73) n-propylbenzene	10.903	120	73484	5.106	ug/l	98
74) 2-Chlorotoluene	10.983	126	64709	4.774	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	222426	5.161	ug/l	98
76) 4-Chlorotoluene	11.092	126	66620	4.671	ug/l	100
77) tert-Butylbenzene	11.417	119	220851	5.052	ug/l	100
78) 1,2,4-Trimethylbenzene	11.465	105	227369	5.157	ug/l	100
79) sec-Butylbenzene	11.642	105	290040	5.078	ug/l	99
80) Nitrobenzene	13.202	77	15108	30.376	ug/l	94
81) p-Isopropyltoluene	11.790	119	249569	5.219	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	130260	4.345	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	131309	4.366	ug/l	98
84) n-Butylbenzene	12.205	91	210446	4.672	ug/l	99
85) 1,2-Dichlorobenzene	12.208	146	120849	4.248	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.993	75	9786	4.989	ug/l	96
87) 1,2,4-Trichlorobenzene	13.835	180	71475	3.550	ug/l	99
88) Hexachlorobutadiene	14.018	225	49853	4.110	ug/l	99
89) Naphthalene	14.083	128	126700	4.004	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	69007	3.684	ug/l	97

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

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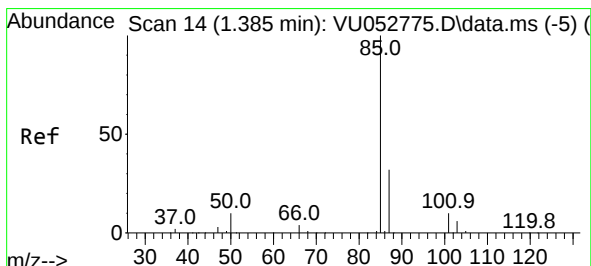
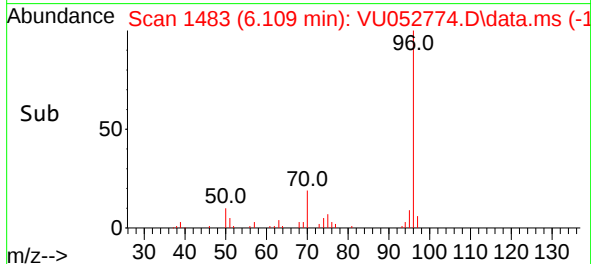
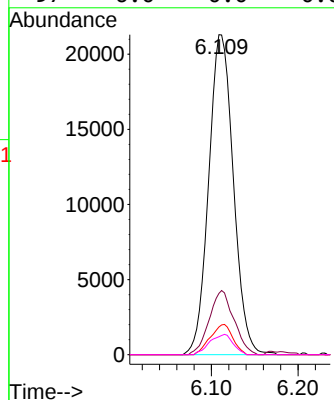
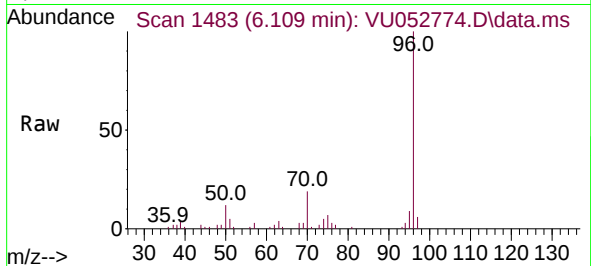




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

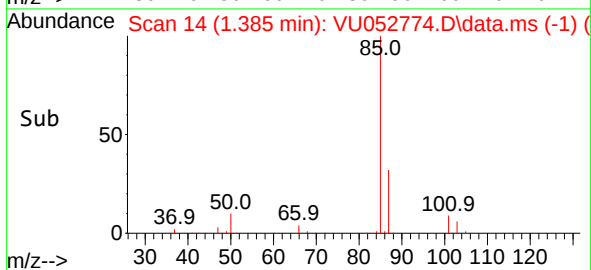
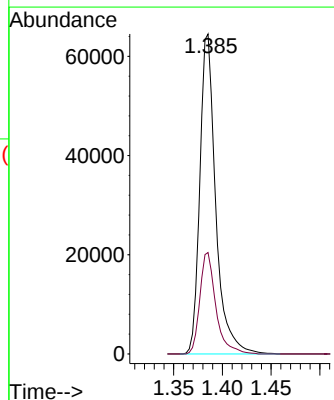
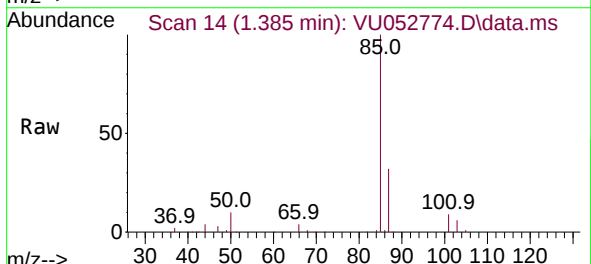
Instrument :
MSVOA_U
ClientSampleId :

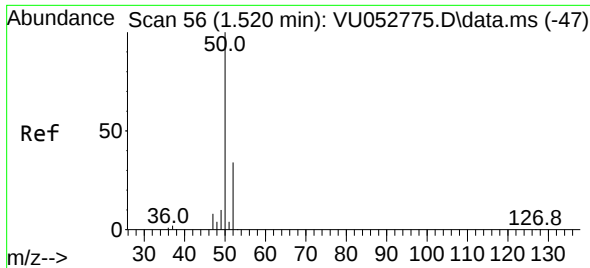
Tgt Ion: 96 Resp: 42198
Ion Ratio Lower Upper
96 100
70 20.0 16.2 24.4
95 8.6 7.4 11.0
97 6.0 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 4.874 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 85 Resp: 72993
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

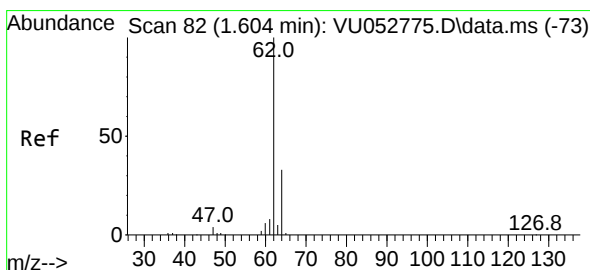
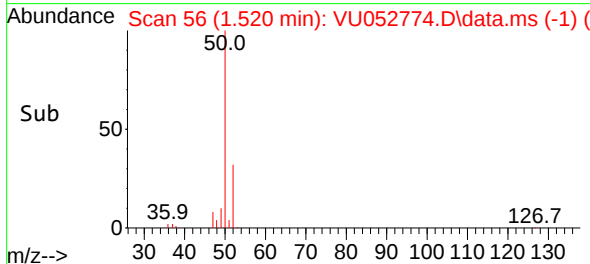
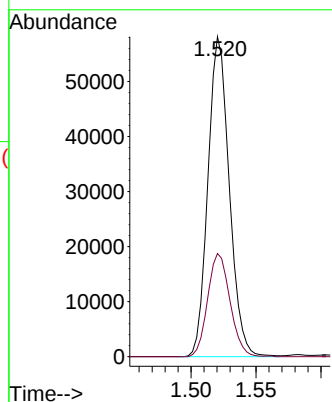
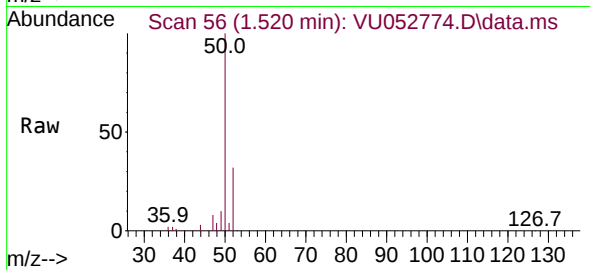




#3
Chloromethane
Concen: 4.076 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

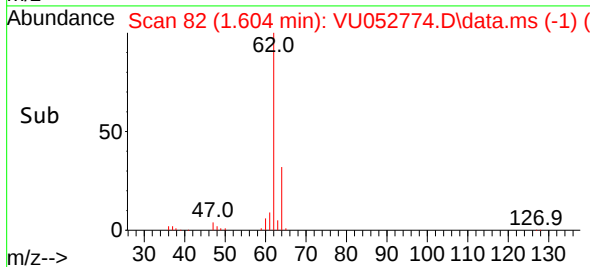
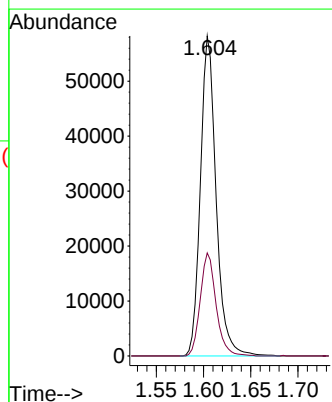
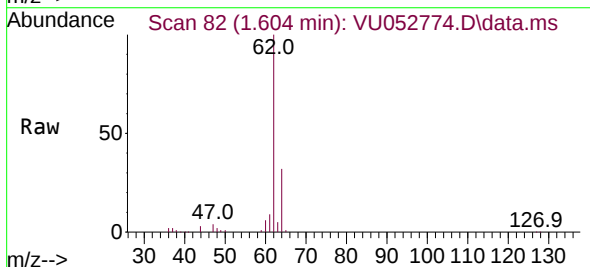
Instrument :
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ClientSampleId :

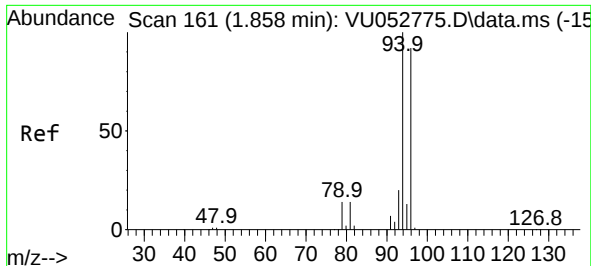
Tgt Ion: 50 Resp: 66426
Ion Ratio Lower Upper
50 100
52 32.3 26.8 40.2



#4
Vinyl Chloride
Concen: 4.591 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 62 Resp: 67280
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

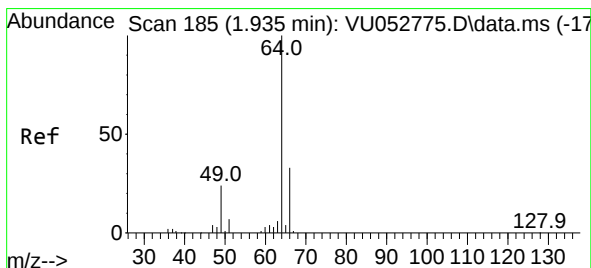
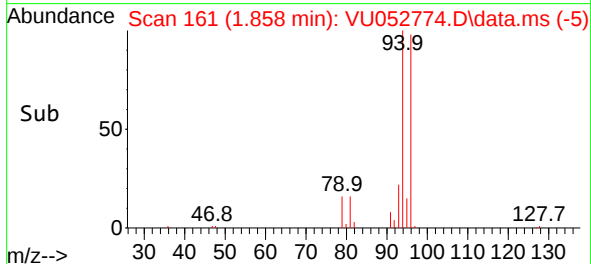
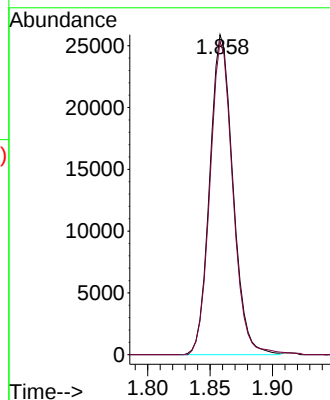
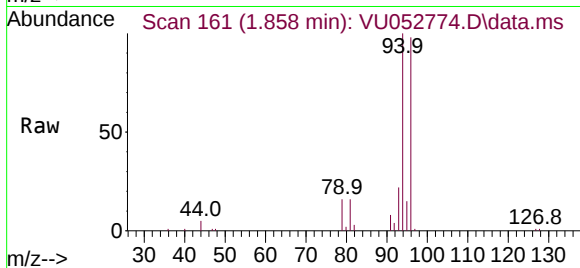




#5
Bromomethane
Concen: 3.736 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

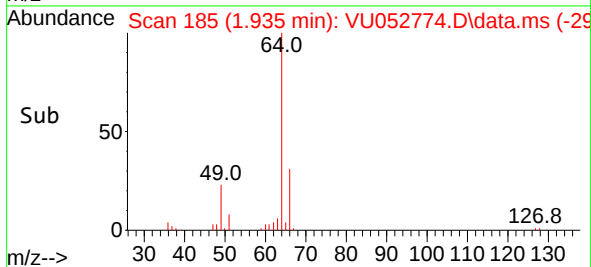
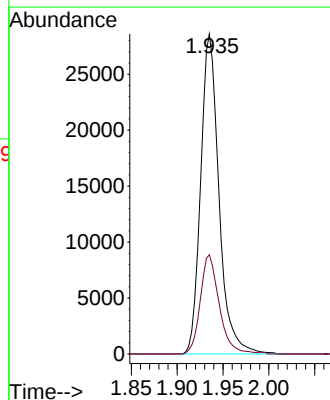
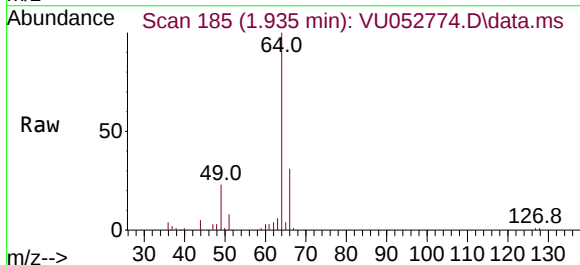
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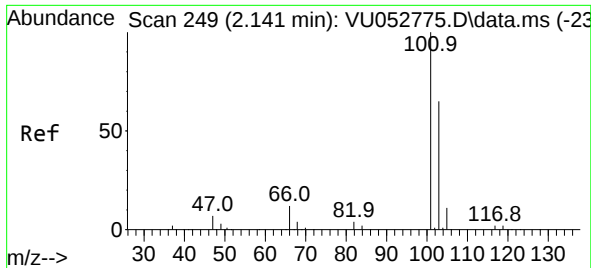
Tgt Ion: 94 Resp: 33641
Ion Ratio Lower Upper
94 100
96 97.9 73.8 110.6



#6
Chloroethane
Concen: 4.397 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 64 Resp: 39642
Ion Ratio Lower Upper
64 100
66 31.0 26.6 40.0

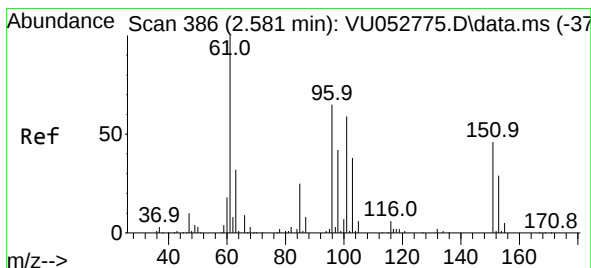
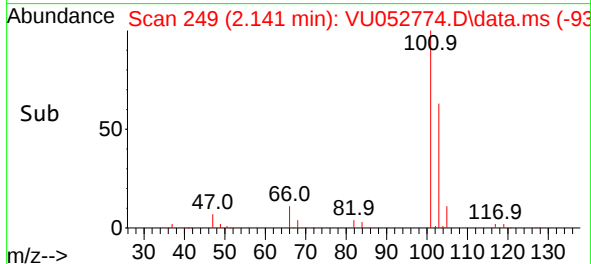
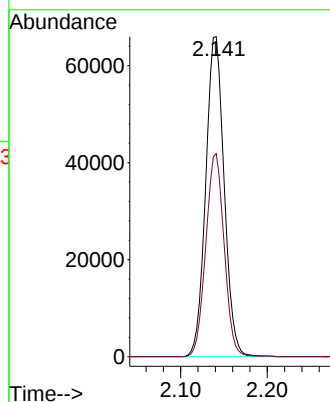
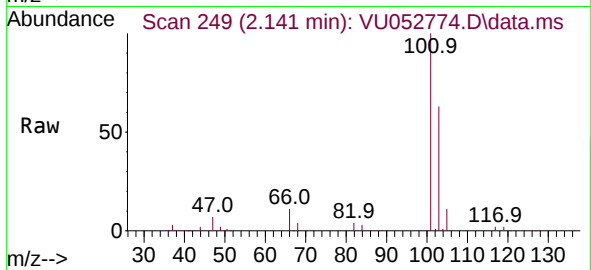




#7
 Trichlorofluoromethane
 Concen: 4.929 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU052774.D
 Acq: 23 Jan 2023 12:55

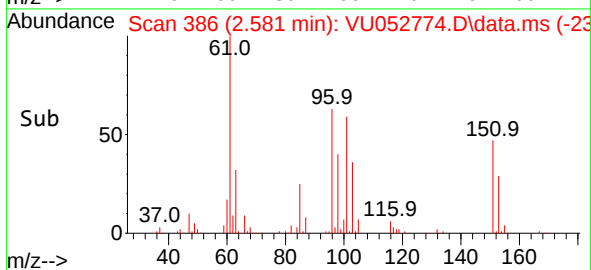
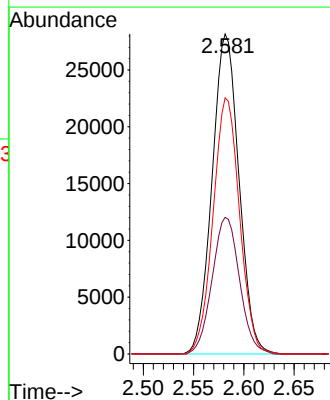
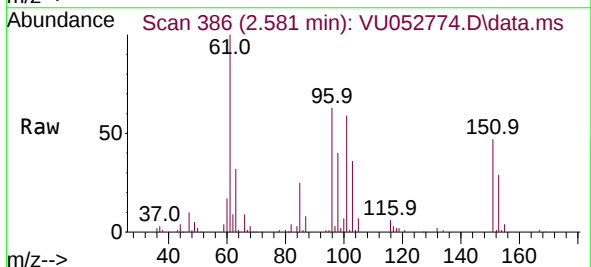
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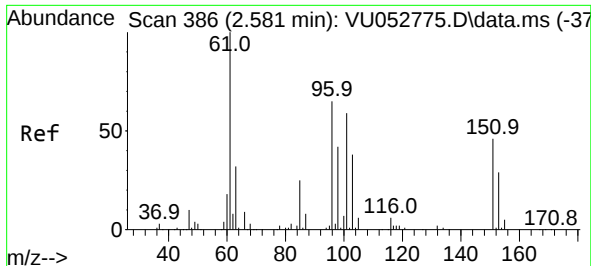
Tgt Ion:101 Resp: 97609
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.630 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052774.D
 Acq: 23 Jan 2023 12:55

Tgt Ion:101 Resp: 52399
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.1 51.1
 151 78.8 63.0 94.4

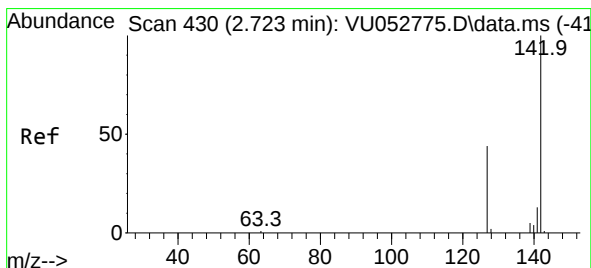
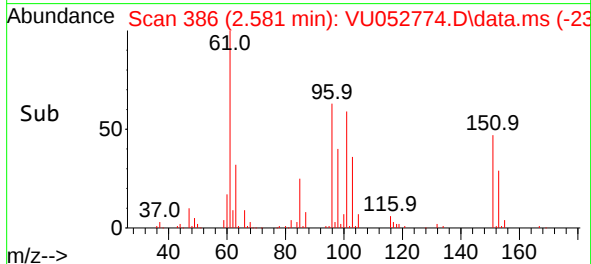
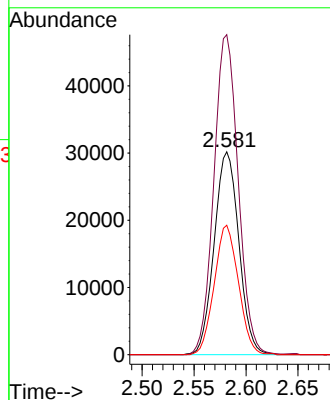
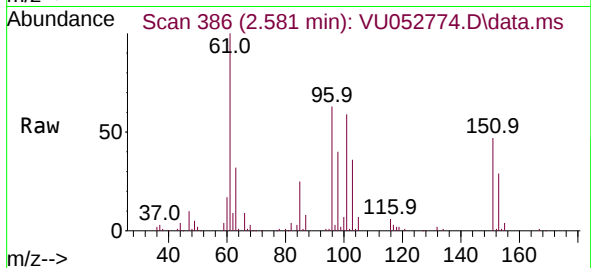




#9
1,1-Dichloroethene
Concen: 4.456 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

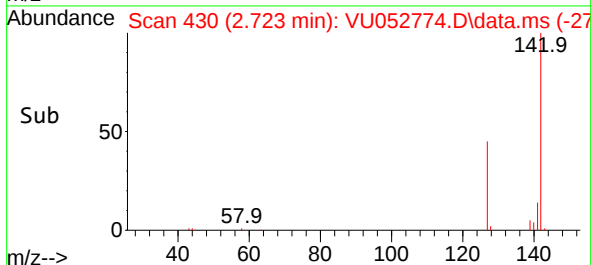
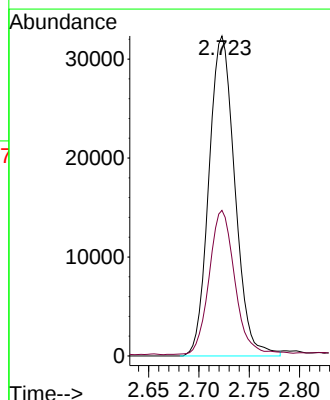
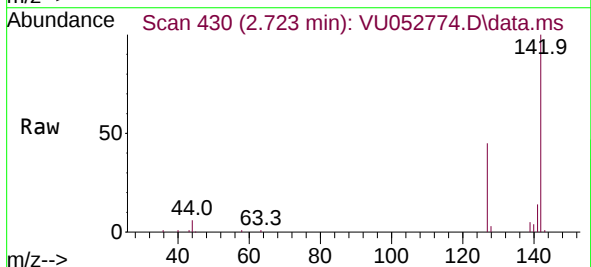
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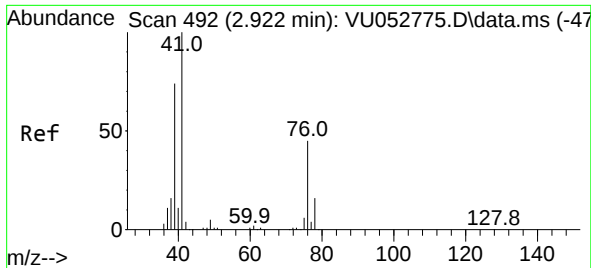
Tgt Ion: 96 Resp: 49927
Ion Ratio Lower Upper
96 100
61 157.8 0.0 460.5
98 63.9 0.0 128.0



#10
Iodomethane
Concen: 6.837 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 142 Resp: 58084
Ion Ratio Lower Upper
142 100
127 44.8 35.4 53.0

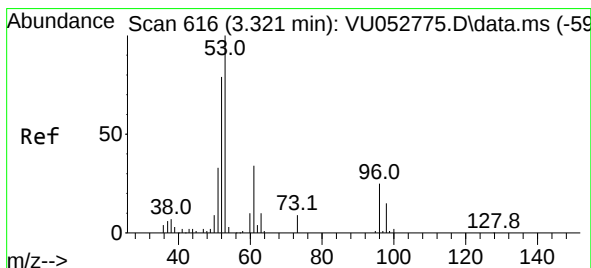
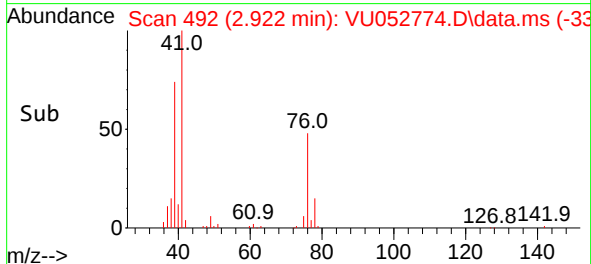
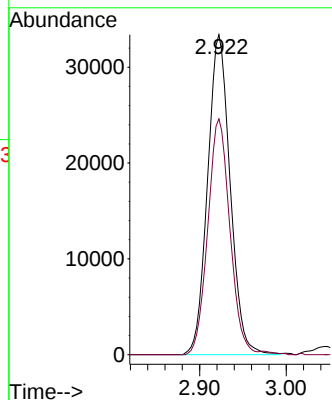
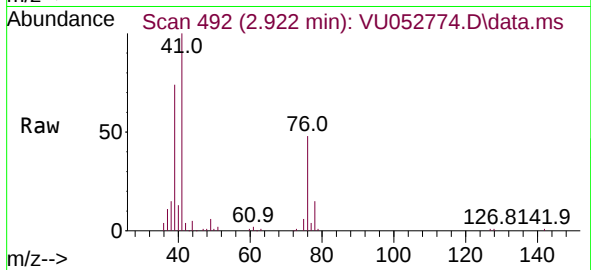




#11
 Allyl Chloride
 Concen: 3.992 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU052774.D
 Acq: 23 Jan 2023 12:55

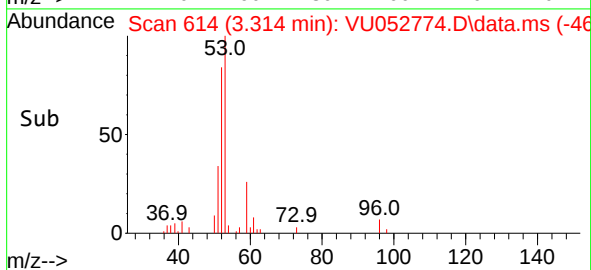
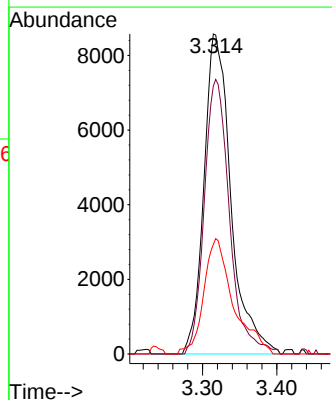
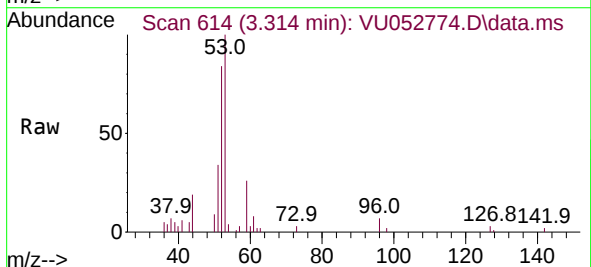
Instrument :
 MSVOA_U
 ClientSampleId :

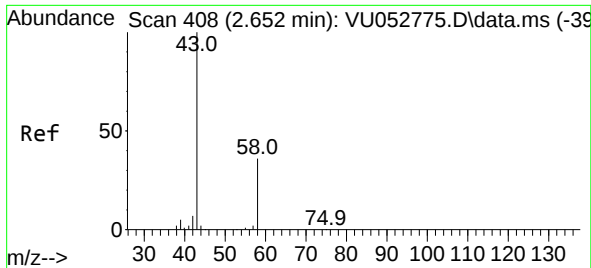
Tgt Ion: 41 Resp: 60393
 Ion Ratio Lower Upper
 41 100
 39 72.1 59.3 88.9



#12
 Acrylonitrile
 Concen: 7.805 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. -0.006 min
 Lab File: VU052774.D
 Acq: 23 Jan 2023 12:55

Tgt Ion: 53 Resp: 21687
 Ion Ratio Lower Upper
 53 100
 52 80.1 63.0 94.4
 51 39.3 31.3 46.9





#13

Acetone

Concen: 33.608 ug/l

RT: 2.639 min Scan# 408

Delta R.T. -0.013 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

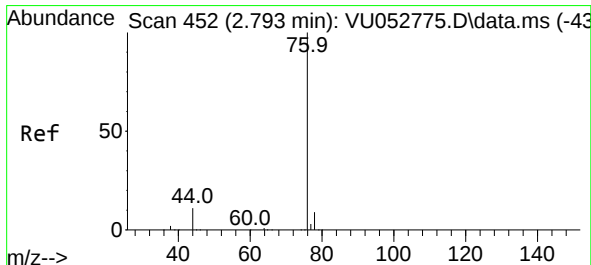
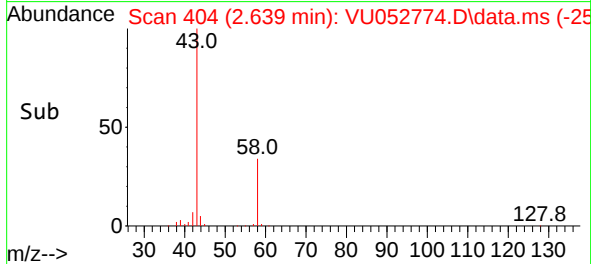
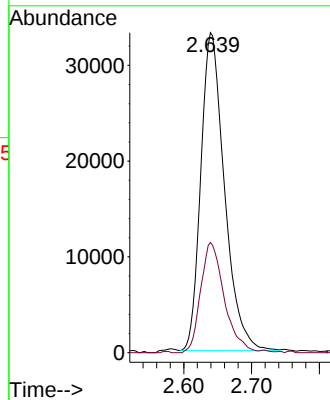
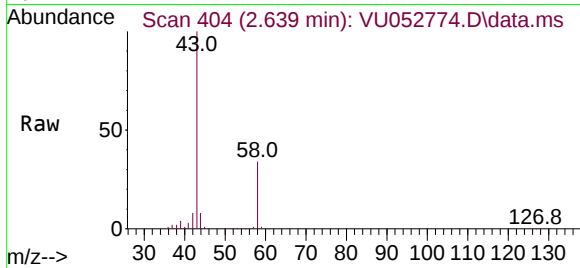
ClientSampleId :

Tgt Ion: 43 Resp: 80464

Ion Ratio Lower Upper

43 100

58 34.7 29.0 43.4



#14

Carbon Disulfide

Concen: 4.624 ug/l

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052774.D

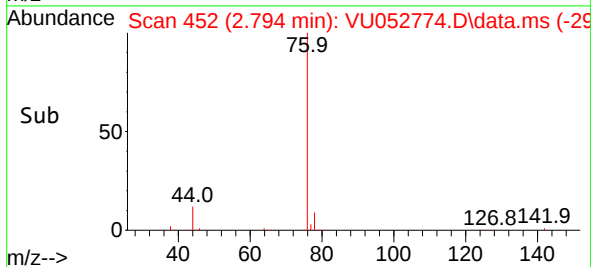
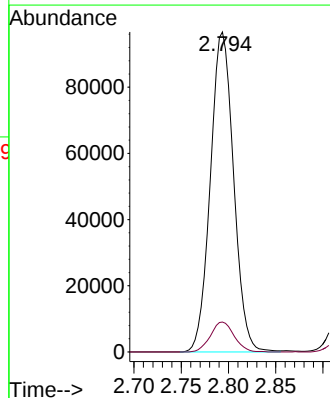
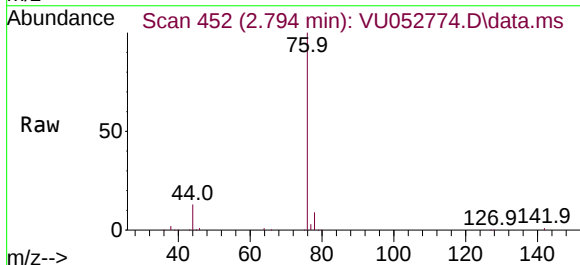
Acq: 23 Jan 2023 12:55

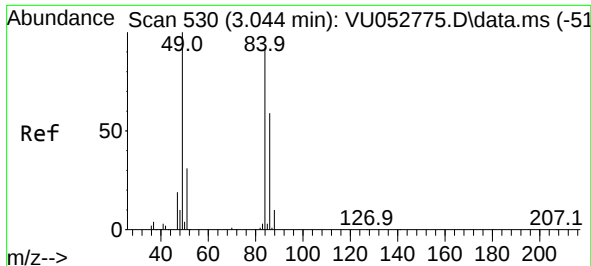
Tgt Ion: 76 Resp: 165456

Ion Ratio Lower Upper

76 100

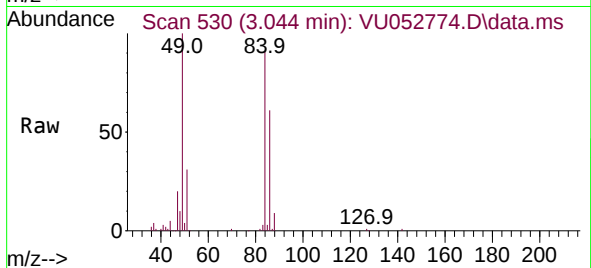
78 9.3 7.1 10.7





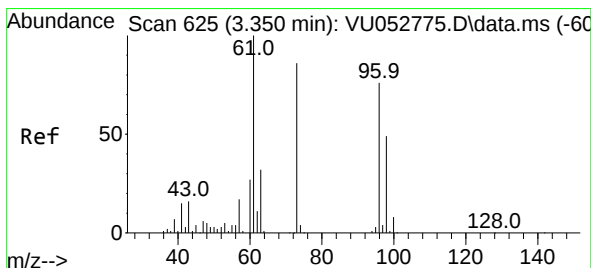
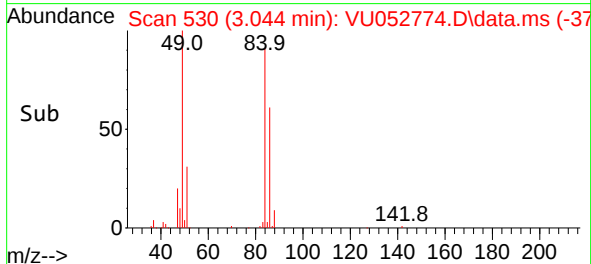
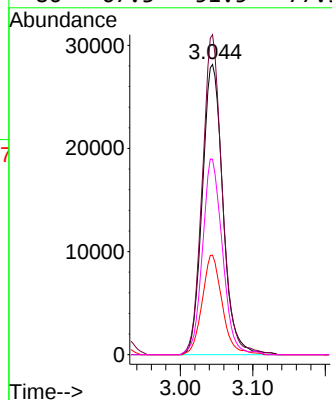
#15
Methylene Chloride
Concen: 3.136 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 55719

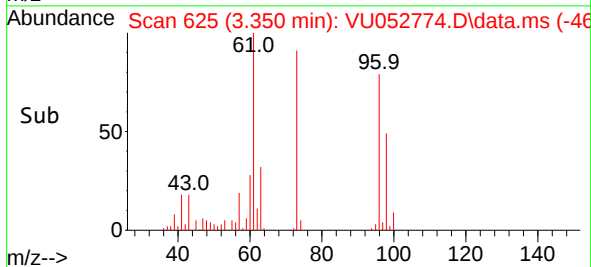
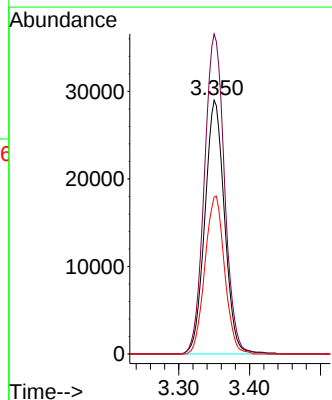
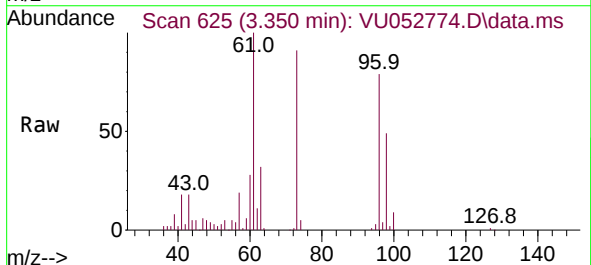
Ion	Ratio	Lower	Upper
84	100		
49	110.2	86.7	130.1
51	34.3	0.0	66.8
86	67.3	51.5	77.3

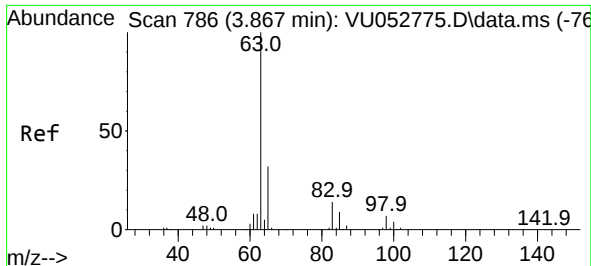


#16
trans-1,2-Dichloroethene
Concen: 4.537 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 96 Resp: 55879

Ion	Ratio	Lower	Upper
96	100		
61	126.1	105.7	158.5
98	61.8	51.4	77.2

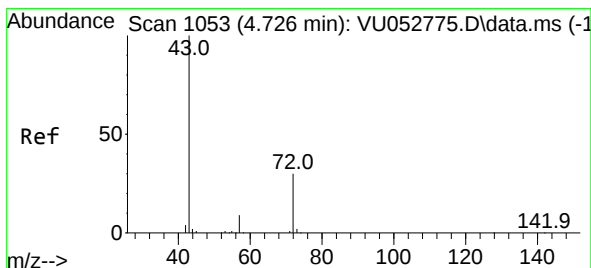
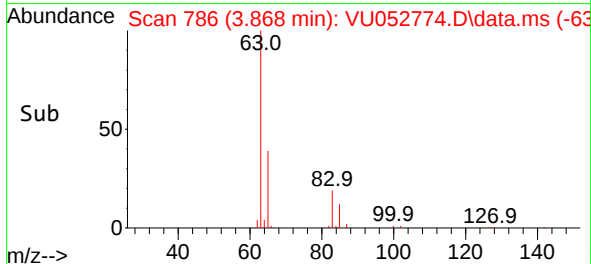
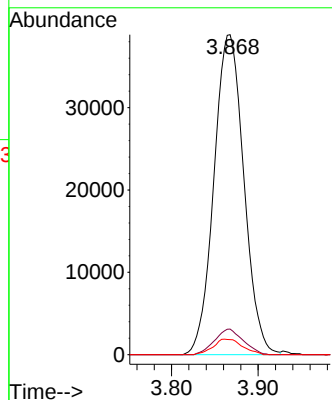
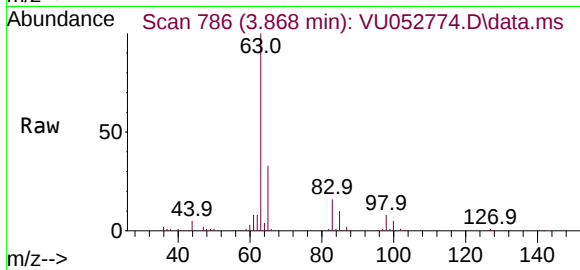




#17
1,1-Dichloroethane
Concen: 4.608 ug/l
RT: 3.868 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

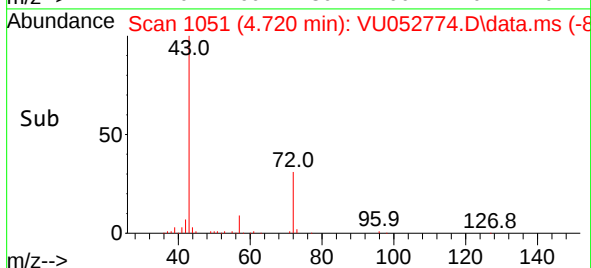
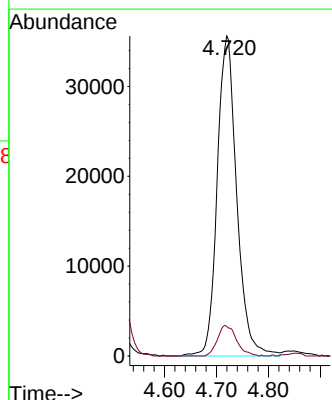
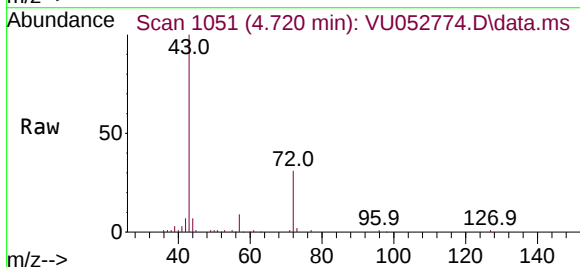
Instrument :
MSVOA_U
ClientSampleId :

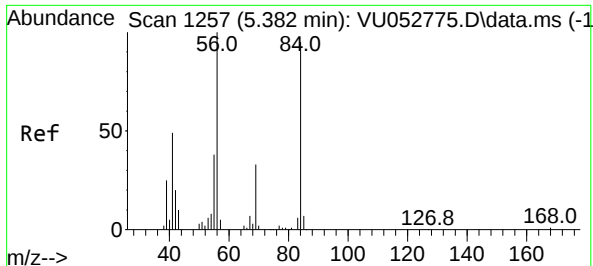
Tgt Ion: 63 Resp: 93319
Ion Ratio Lower Upper
63 100
98 8.0 3.8 11.2
100 4.7 2.2 6.6



#18
2-Butanone
Concen: 30.110 ug/l
RT: 4.720 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 43 Resp: 92931
Ion Ratio Lower Upper
43 100
57 9.2 0.0 17.4





#19

Cyclohexane

Concen: 4.675 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

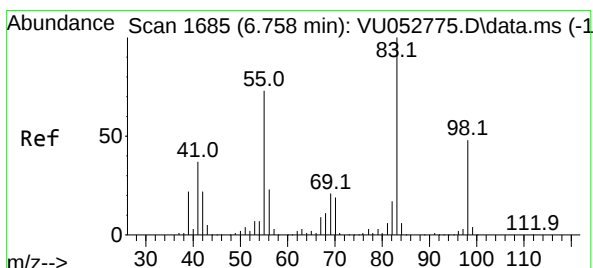
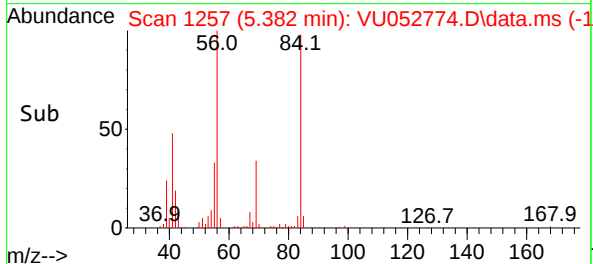
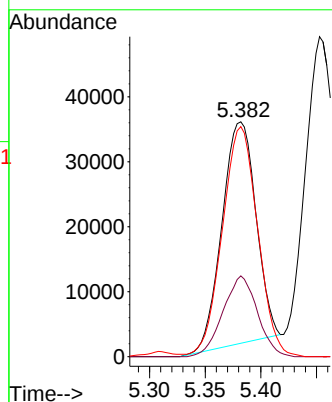
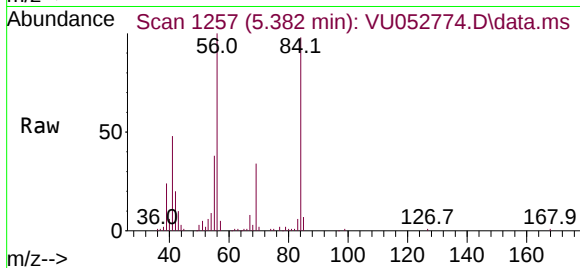
Tgt Ion: 56 Resp: 72425

Ion Ratio Lower Upper

56 100

69 36.8 26.8 40.2

84 106.5 77.0 115.6



#20

Methylcyclohexane

Concen: 5.356 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

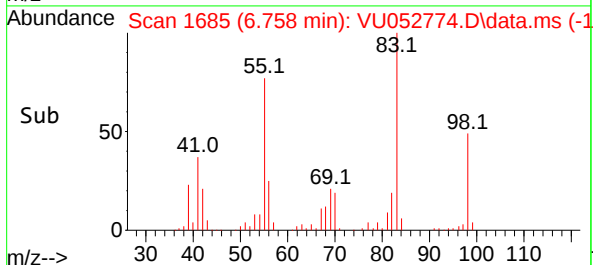
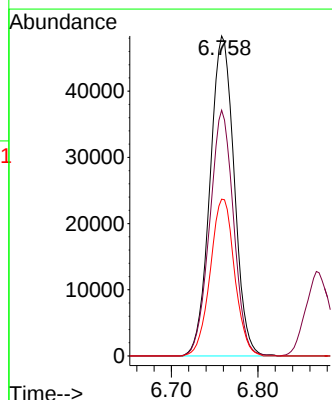
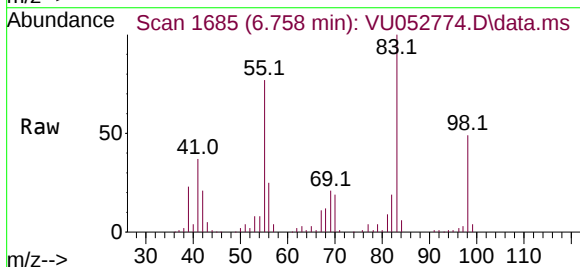
Tgt Ion: 83 Resp: 93752

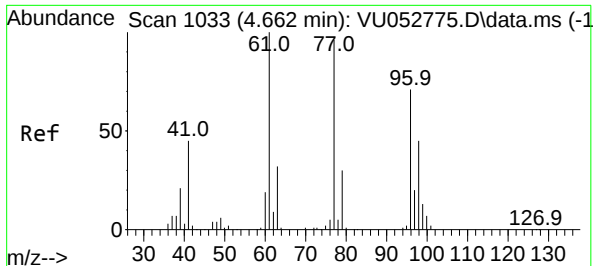
Ion Ratio Lower Upper

83 100

55 75.9 58.7 88.1

98 49.4 39.4 59.2





#21

2,2-Dichloropropane

Concen: 5.093 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

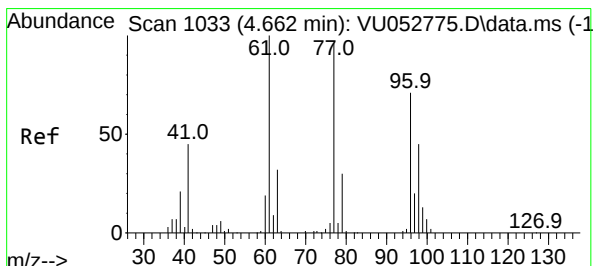
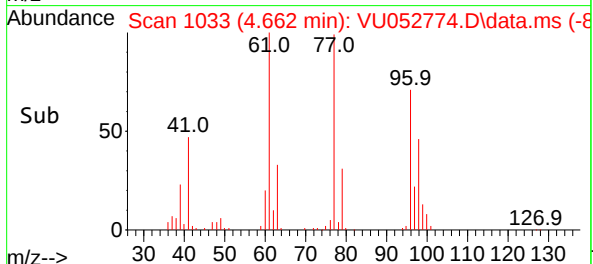
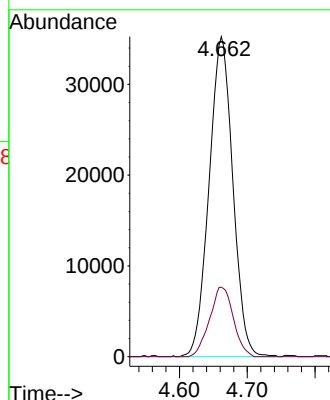
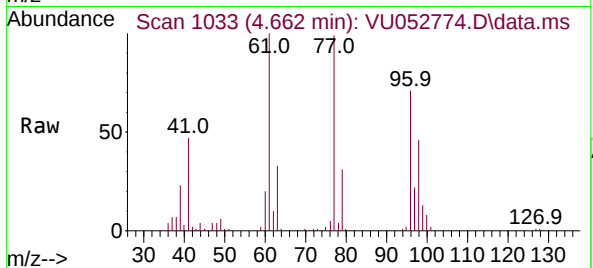
ClientSampleId :

Tgt Ion: 77 Resp: 85678

Ion Ratio Lower Upper

77 100

97 21.8 16.8 25.2



#22

cis-1,2-Dichloroethene

Concen: 4.542 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

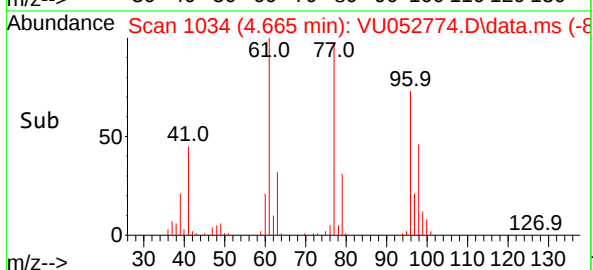
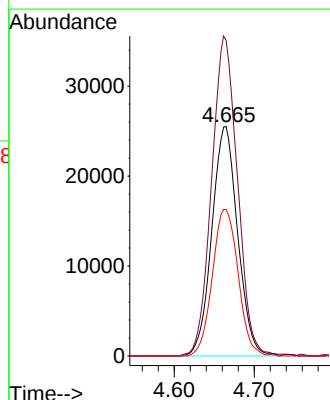
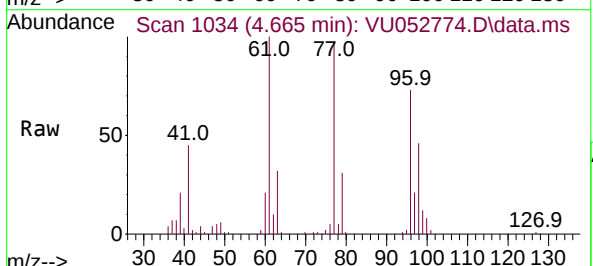
Tgt Ion: 96 Resp: 57204

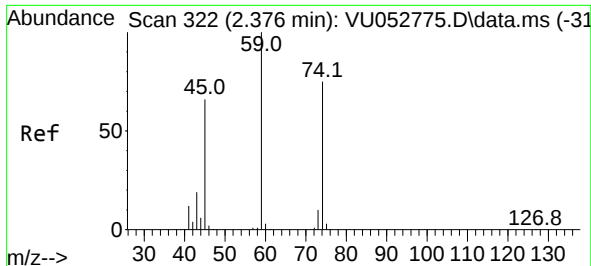
Ion Ratio Lower Upper

96 100

61 139.6 0.0 353.3

98 63.6 32.6 97.7





#23

Diethyl Ether

Concen: 4.128 ug/l

RT: 2.376 min Scan# 31

Delta R.T. 0.000 min

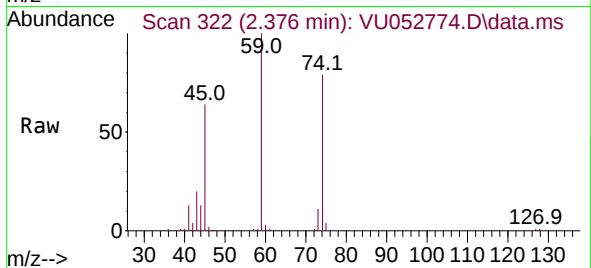
Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :



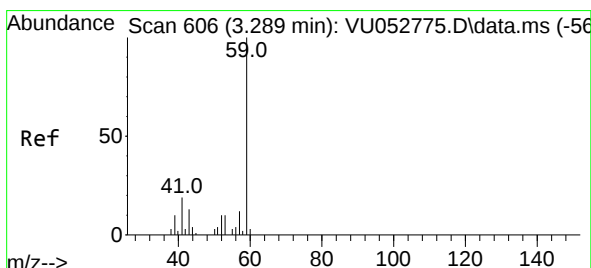
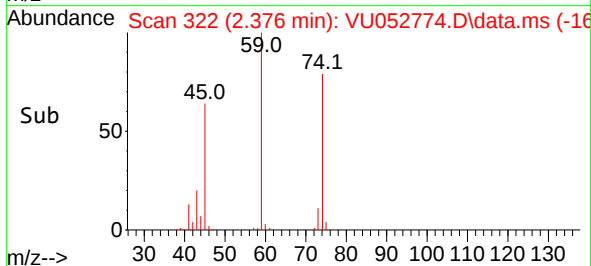
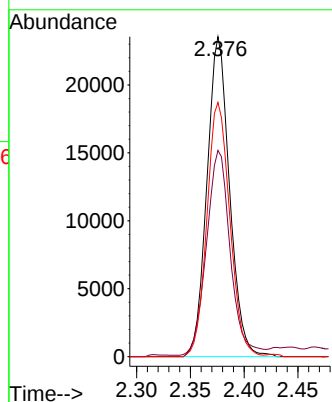
Tgt Ion: 59 Resp: 34349

Ion Ratio Lower Upper

59 100

45 67.4 52.1 78.1

74 80.8 61.6 92.4



#24

tert-Butyl Alcohol

Concen: 20.053 ug/l

RT: 3.237 min Scan# 590

Delta R.T. -0.051 min

Lab File: VU052774.D

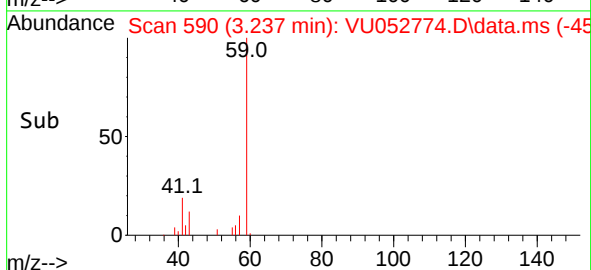
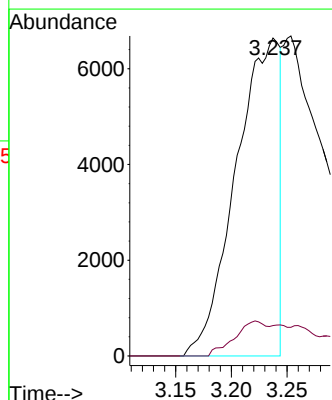
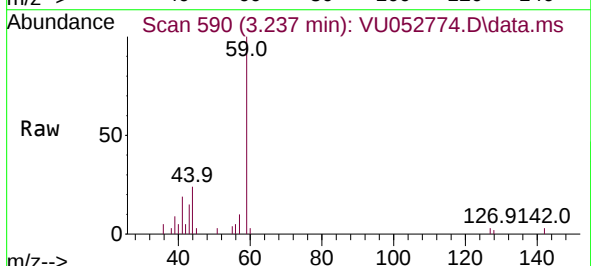
Acq: 23 Jan 2023 12:55

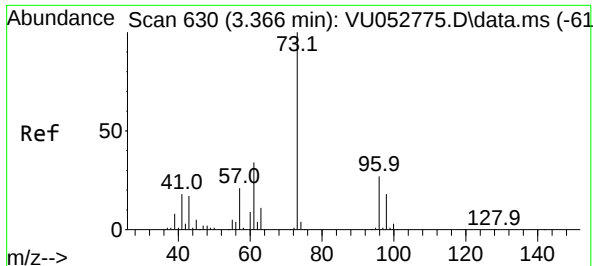
Tgt Ion: 59 Resp: 18135

Ion Ratio Lower Upper

59 100

57 8.3 45.8 68.8#

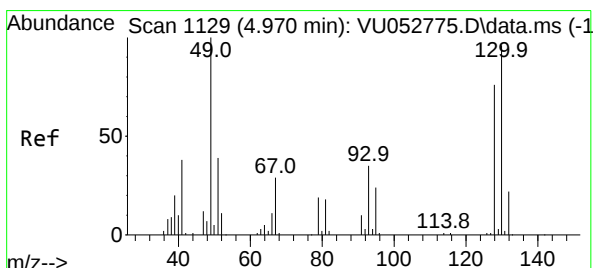
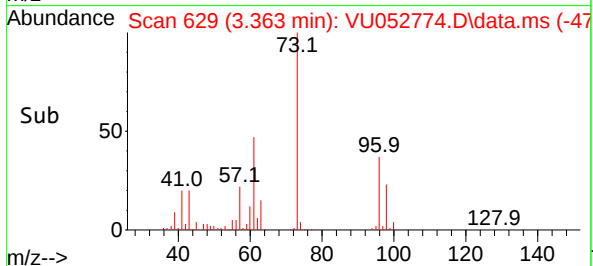
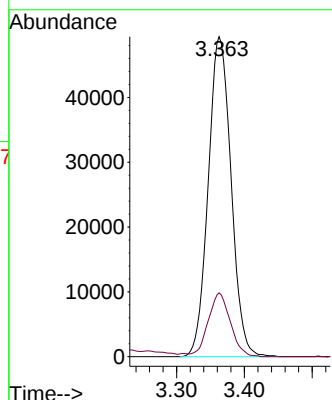
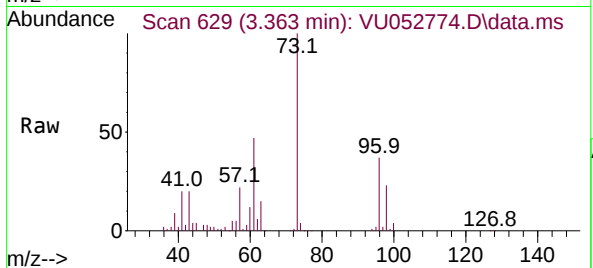




#25
Methyl tert-Butyl Ether
Concen: 4.193 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

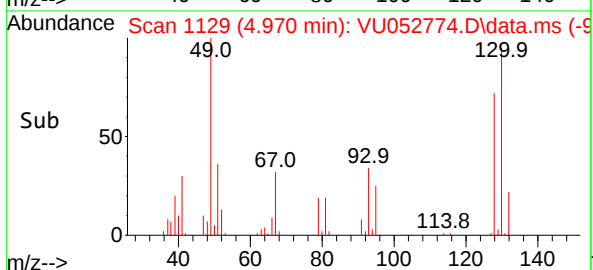
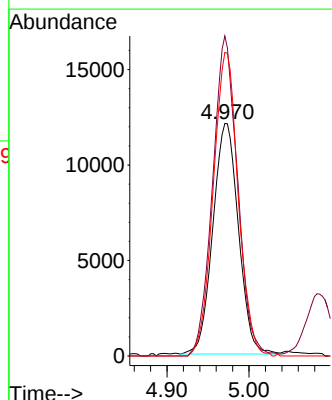
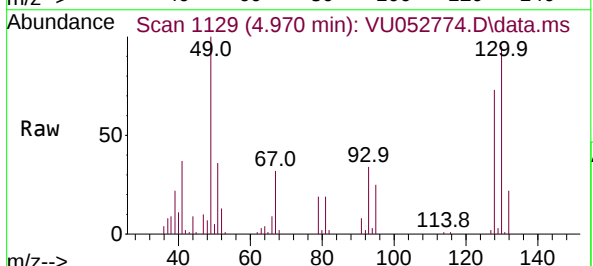
Instrument :
MSVOA_U
ClientSampleId :

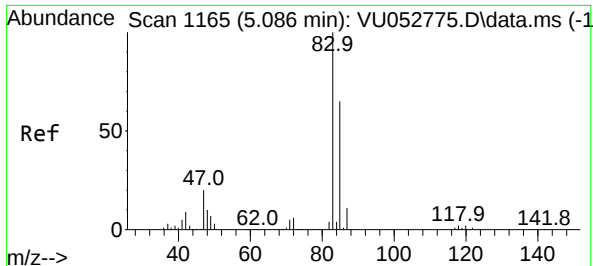
Tgt Ion: 73 Resp: 115593
Ion Ratio Lower Upper
73 100
43 19.4 15.3 22.9



#26
Bromochloromethane
Concen: 4.206 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion:128 Resp: 26161
Ion Ratio Lower Upper
128 100
49 135.4 0.0 265.0
130 129.0 100.7 151.1





#27

Chloroform

Concen: 4.588 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

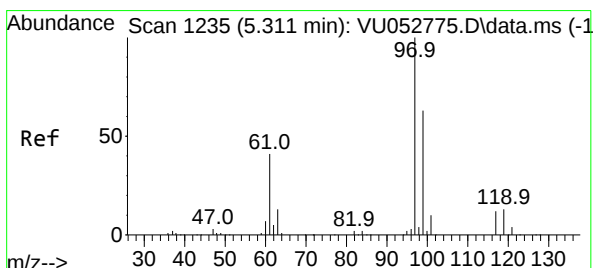
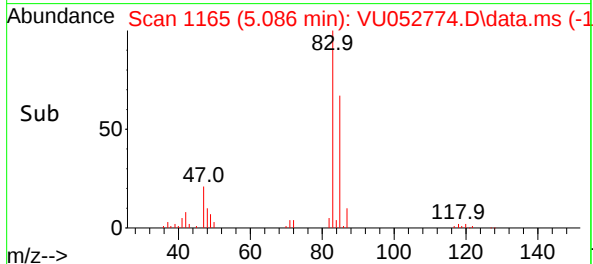
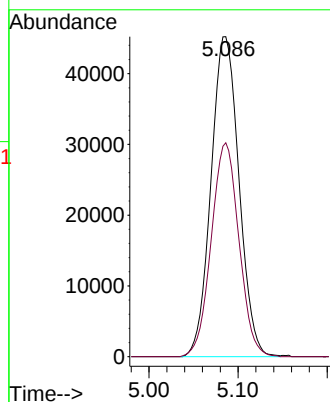
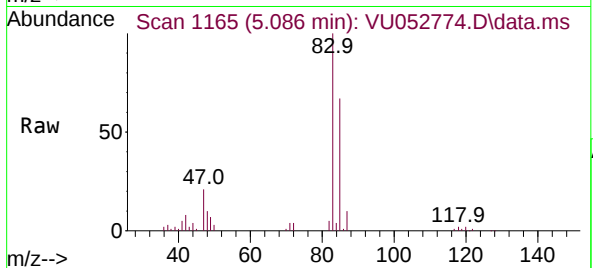
ClientSampleId :

Tgt Ion: 83 Resp: 98679

Ion Ratio Lower Upper

83 100

85 66.8 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 5.049 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

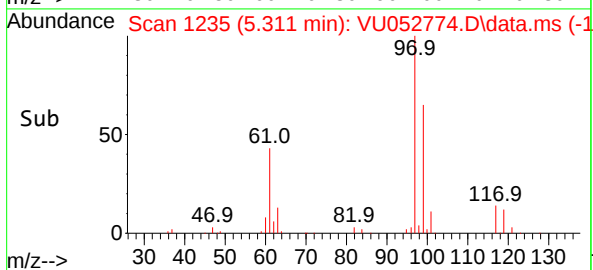
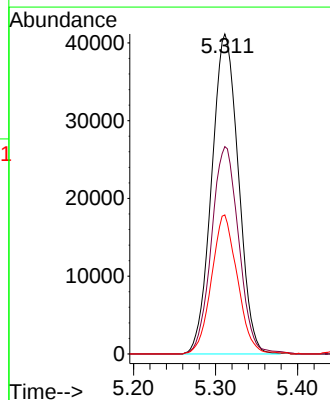
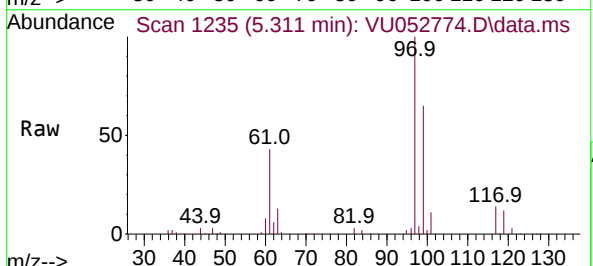
Tgt Ion: 97 Resp: 93136

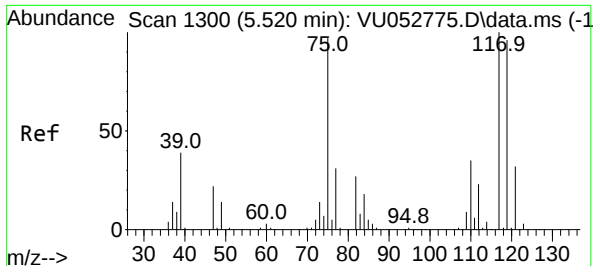
Ion Ratio Lower Upper

97 100

99 66.2 31.9 95.5

61 42.2 20.8 62.2





#29

1,1-Dichloropropene

Concen: 5.031 ug/l

RT: 5.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

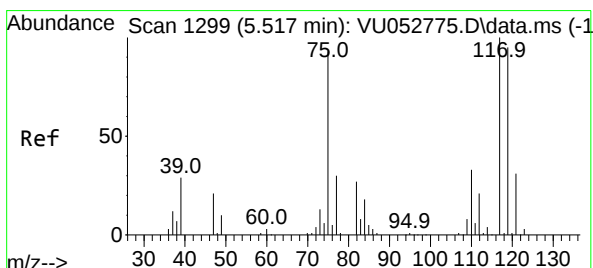
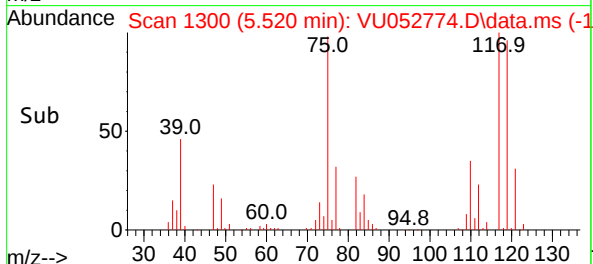
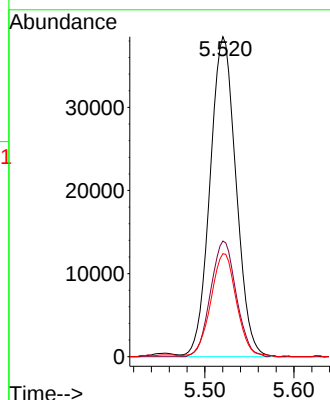
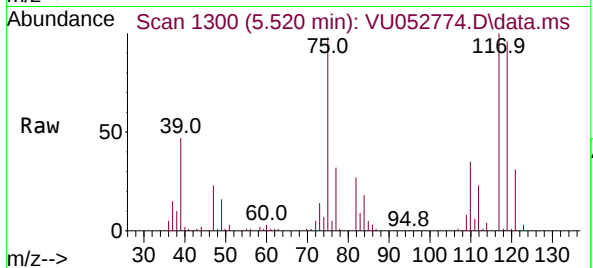
Tgt Ion: 75 Resp: 78070

Ion Ratio Lower Upper

75 100

110 35.6 17.4 52.2

77 31.9 24.8 37.2



#30

Carbon Tetrachloride

Concen: 5.206 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.003 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

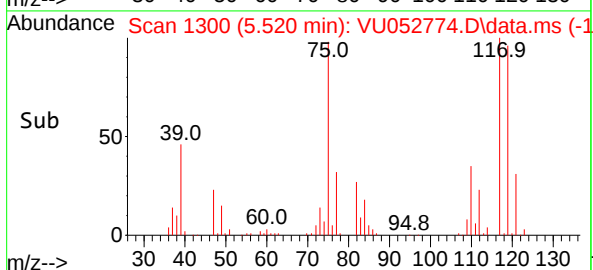
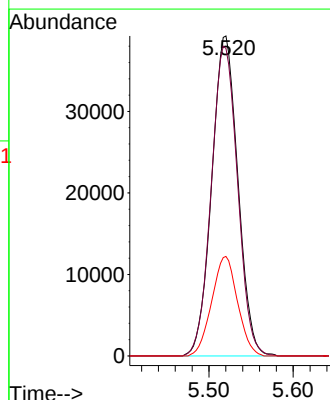
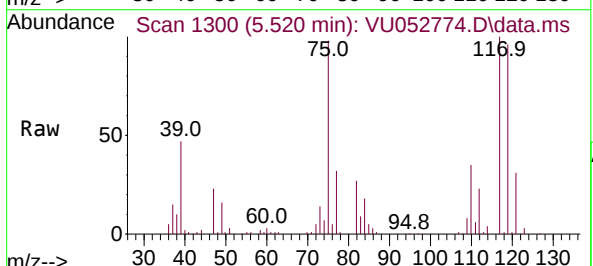
Tgt Ion: 117 Resp: 84410

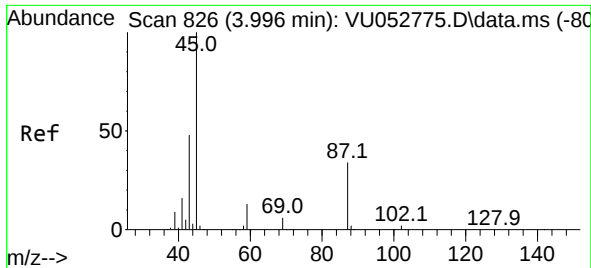
Ion Ratio Lower Upper

117 100

119 96.1 76.4 114.6

121 31.1 25.0 37.6

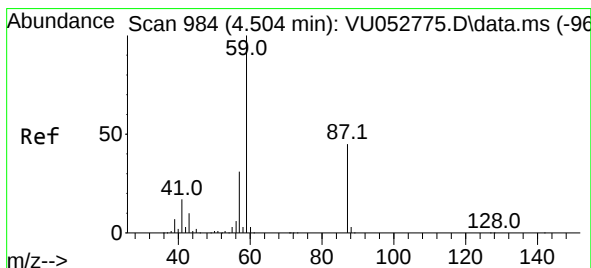
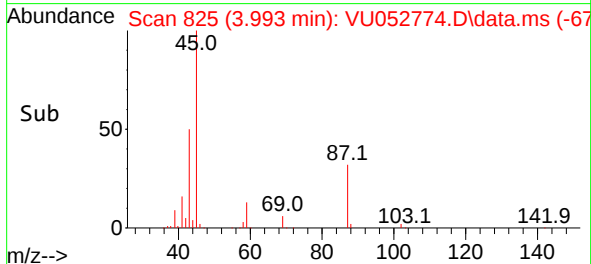
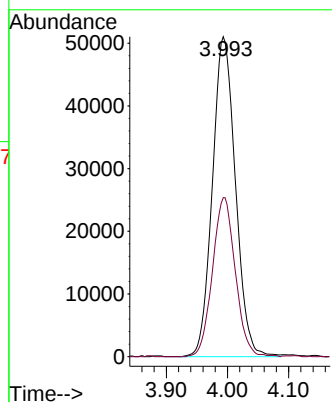
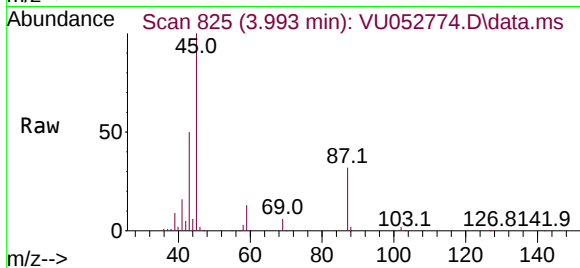




#31
Isopropyl Ether
Concen: 4.774 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

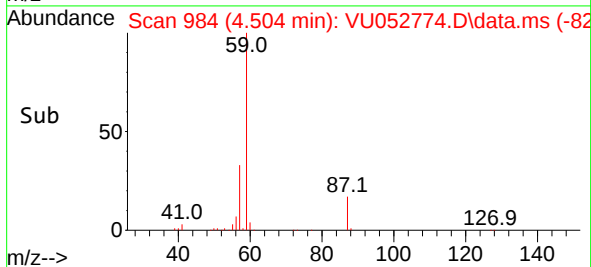
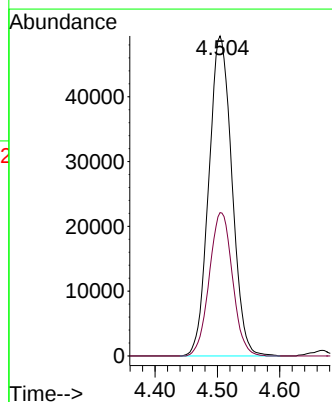
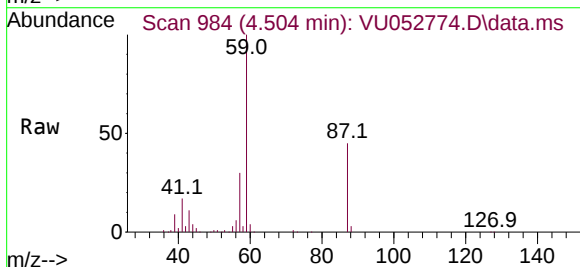
Instrument :
MSVOA_U
ClientSampleId :

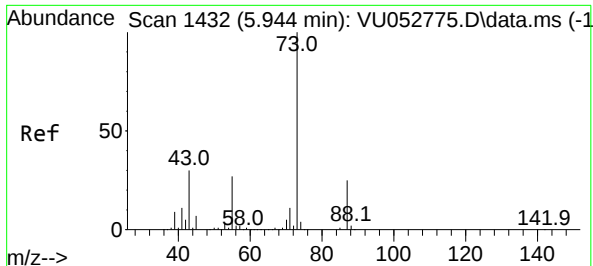
Tgt Ion: 45 Resp: 133661
Ion Ratio Lower Upper
45 100
43 49.2 24.5 73.5



#32
Ethyl-t-butyl ether
Concen: 4.701 ug/l
RT: 4.504 min Scan# 984
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 59 Resp: 127186
Ion Ratio Lower Upper
59 100
87 45.0 36.2 54.2





#33

Tert-Amyl methyl ether

Concen: 4.618 ug/l

RT: 5.945 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

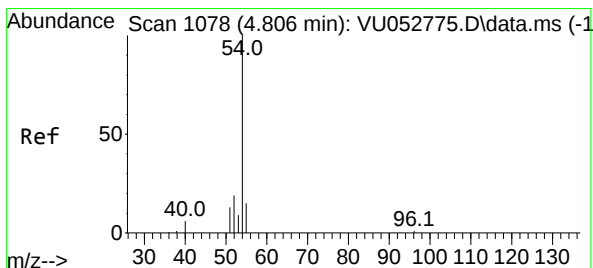
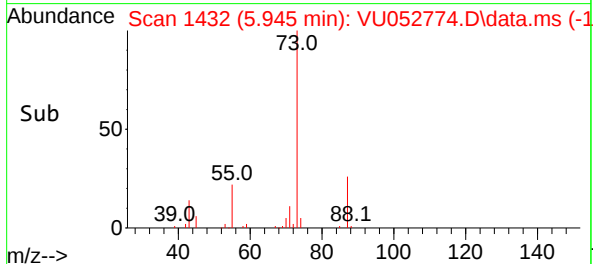
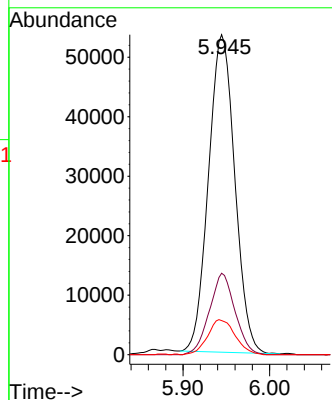
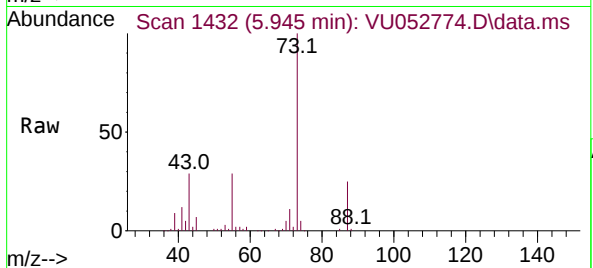
Tgt Ion: 73 Resp: 112502

Ion Ratio Lower Upper

73 100

87 25.0 20.1 30.1

71 11.5 9.2 13.8



#34

Propionitrile

Concen: 21.994 ug/l

RT: 4.794 min Scan# 1074

Delta R.T. -0.013 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Tgt Ion: 54 Resp: 20898

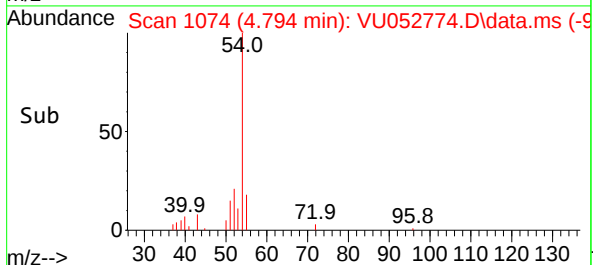
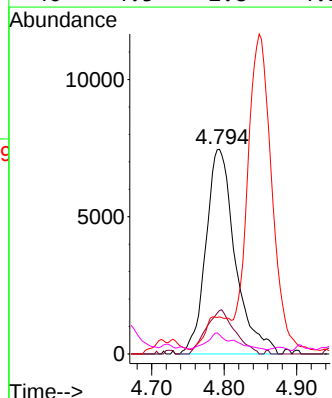
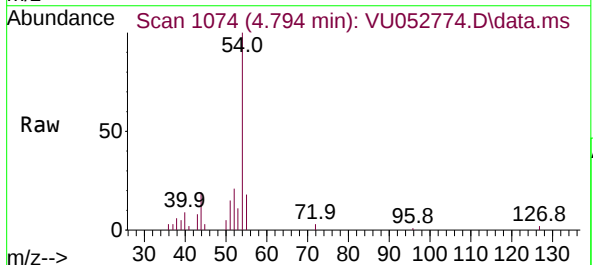
Ion Ratio Lower Upper

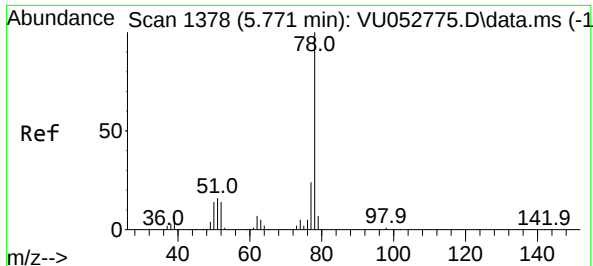
54 100

52 21.0 16.9 25.3

55 13.4 118.6 178.0#

40 4.5 2.8 4.2#





#35

Benzene

Concen: 4.934 ug/l

RT: 5.771 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

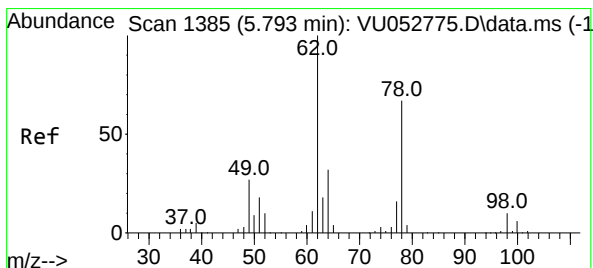
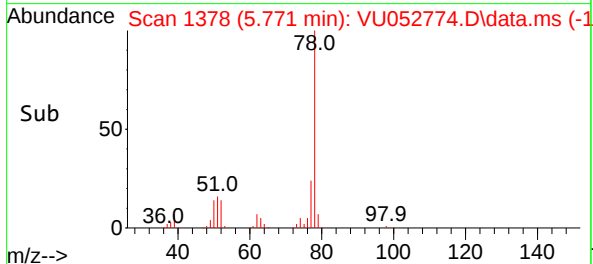
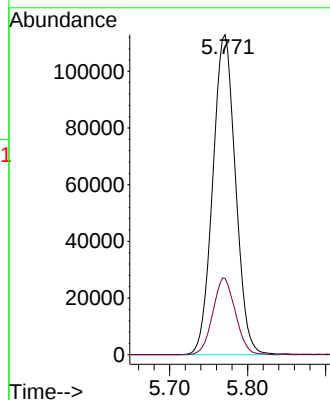
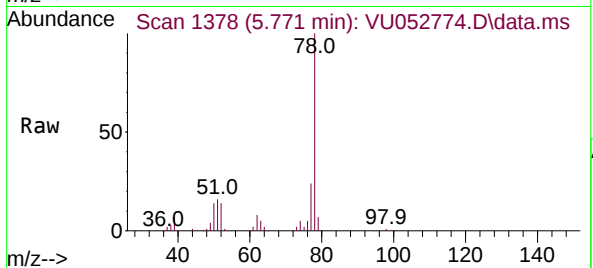
ClientSampleId :

Tgt Ion: 78 Resp: 228953

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



#36

1,2-Dichloroethane

Concen: 4.959 ug/l

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU052774.D

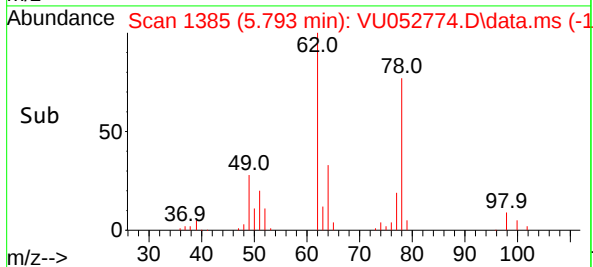
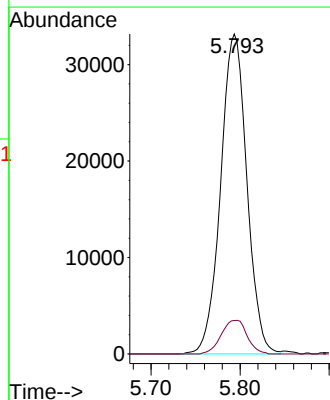
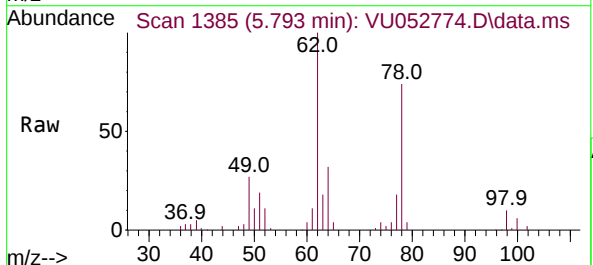
Acq: 23 Jan 2023 12:55

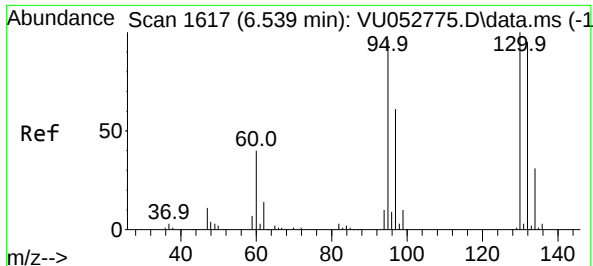
Tgt Ion: 62 Resp: 67896

Ion Ratio Lower Upper

62 100

98 10.4 7.5 11.3





#37

Trichloroethene

Concen: 4.651 ug/l

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

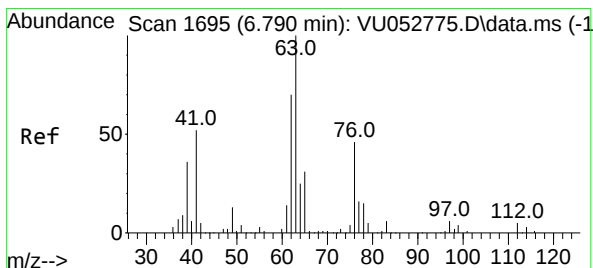
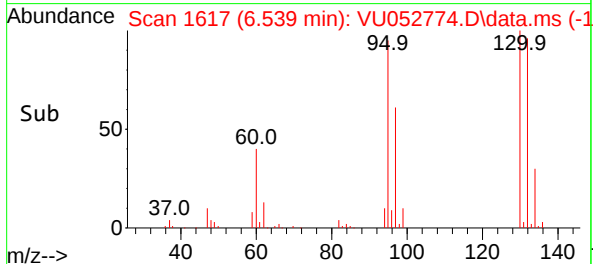
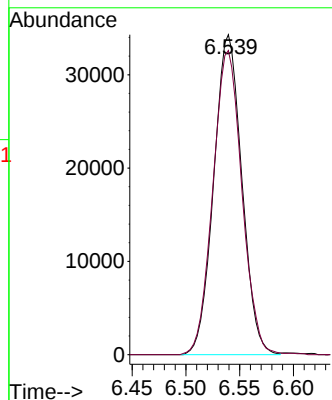
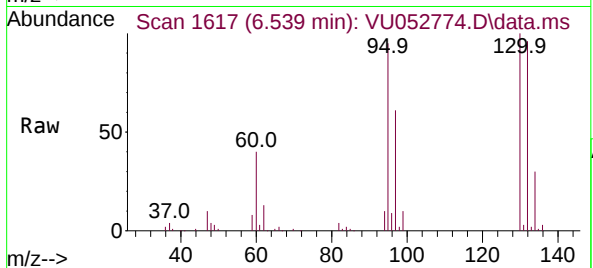
ClientSampleId :

Tgt Ion:130 Resp: 62162

Ion Ratio Lower Upper

130 100

95 95.0 76.6 114.8



#38

1,2-Dichloropropane

Concen: 5.103 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU052774.D

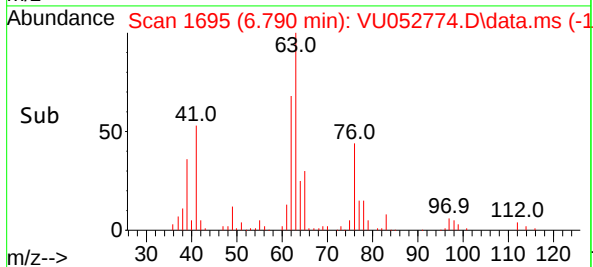
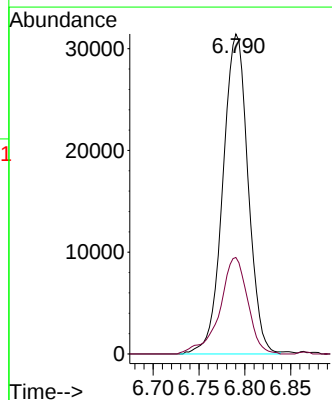
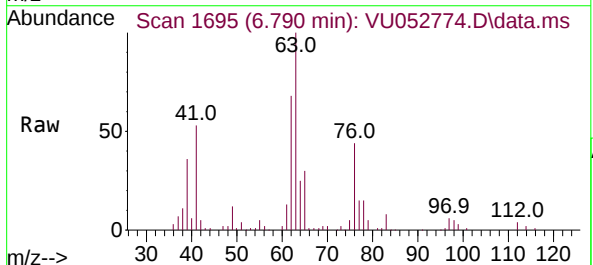
Acq: 23 Jan 2023 12:55

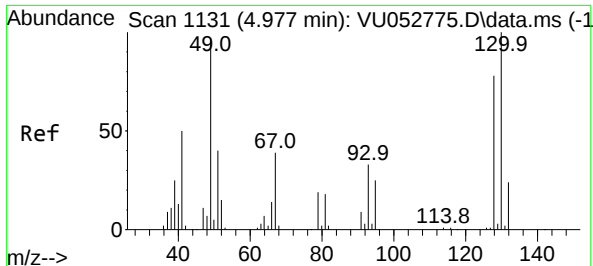
Tgt Ion: 63 Resp: 60204

Ion Ratio Lower Upper

63 100

65 30.1 24.6 36.8





#39

Methacrylonitrile

Concen: 4.835 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 16476

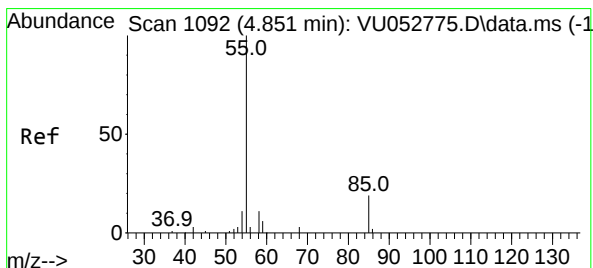
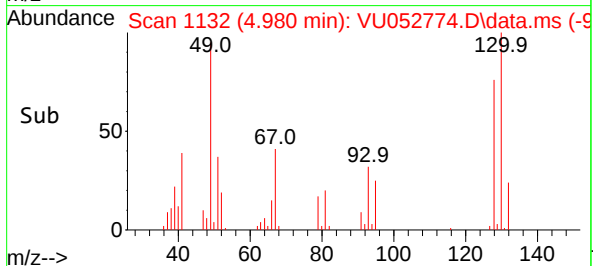
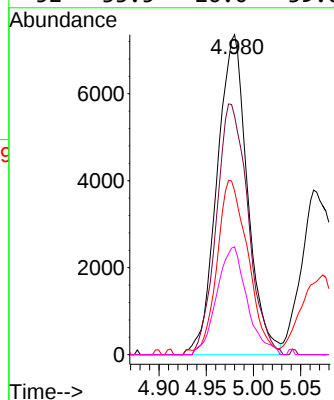
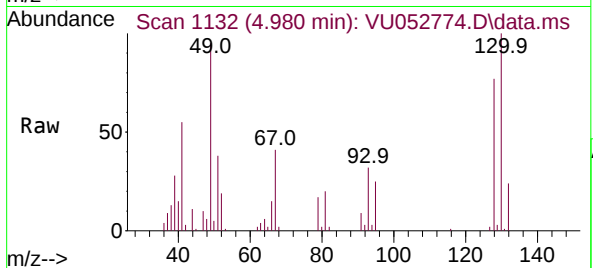
Ion Ratio Lower Upper

41 100

67 81.4 64.9 97.3

39 55.5 41.7 62.5

52 33.5 26.0 39.0



#40

Methyl acrylate

Concen: 4.724 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. -0.003 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Tgt Ion: 55 Resp: 26738

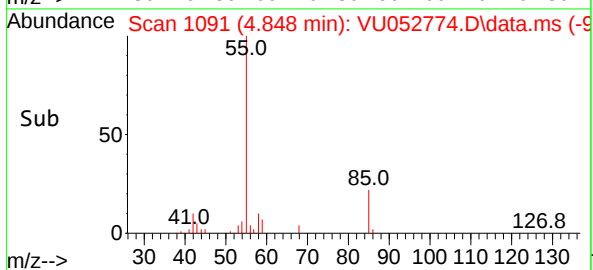
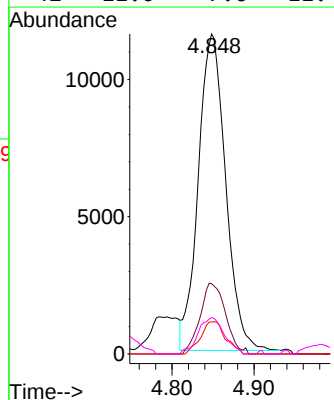
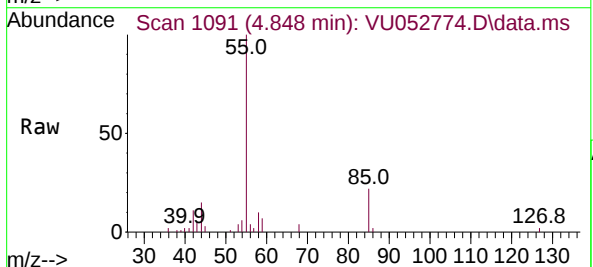
Ion Ratio Lower Upper

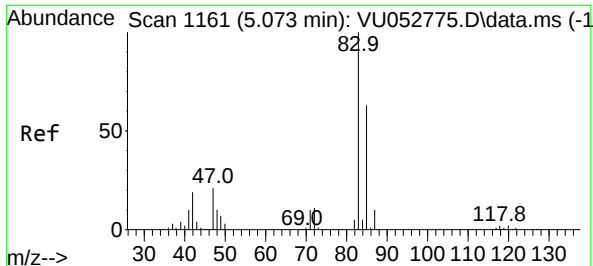
55 100

85 20.8 14.4 21.6

58 9.2 7.3 10.9

42 11.0 7.6 11.4





#41

Tetrahydrofuran

Concen: 8.591 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. -0.006 min

Lab File: VU052774.D

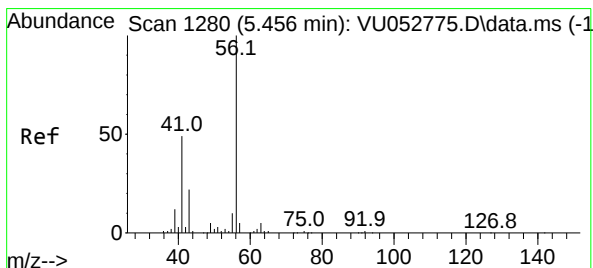
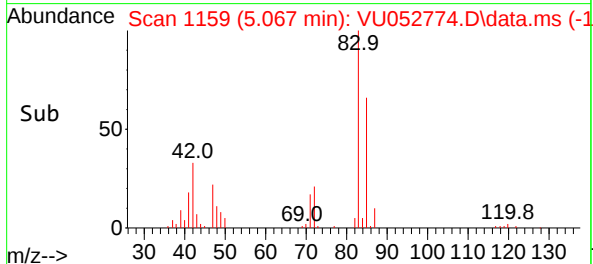
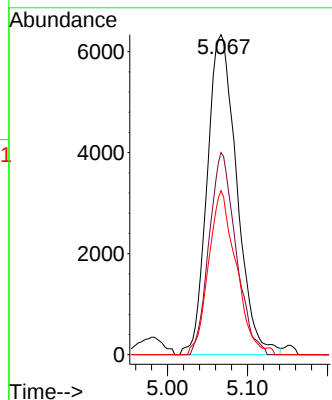
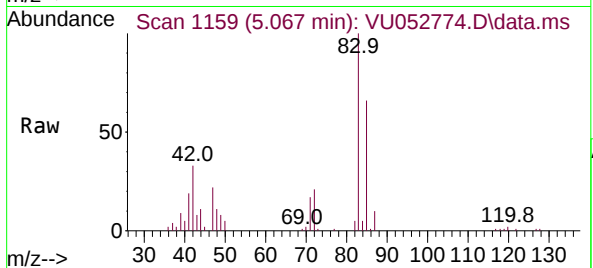
Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	16318
Ion	Ratio	Lower	Upper
42	100		
72	57.1	49.1	73.7
71	47.3	43.8	65.6



#42

1-Chlorobutane

Concen: 4.964 ug/l

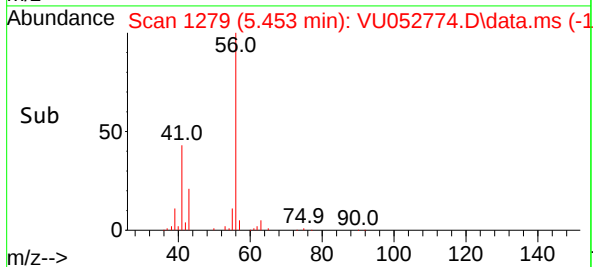
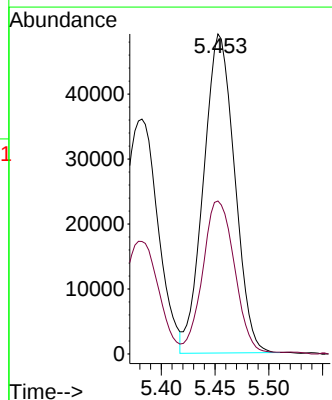
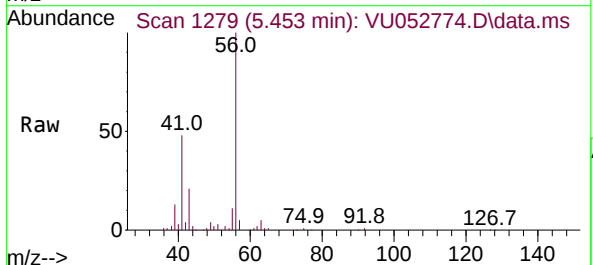
RT: 5.453 min Scan# 1279

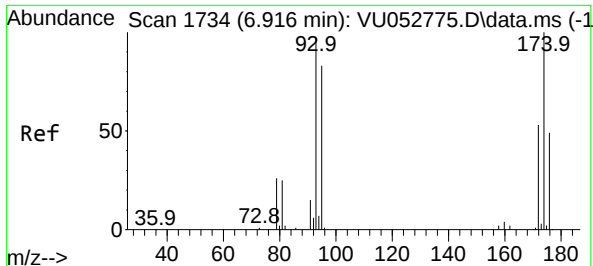
Delta R.T. -0.003 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

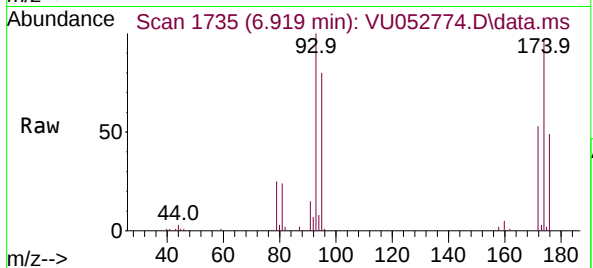
Tgt Ion:	56	Resp:	98833
Ion	Ratio	Lower	Upper
56	100		
41	48.5	24.5	73.5





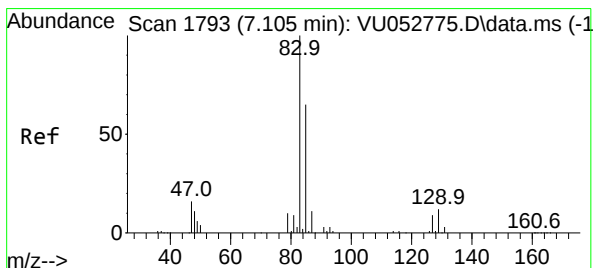
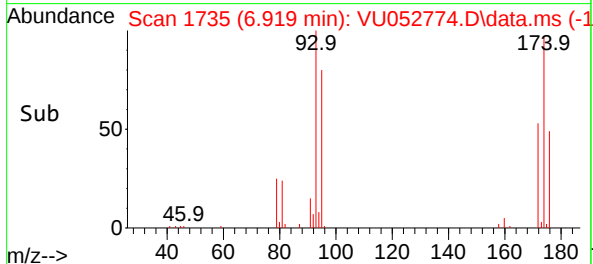
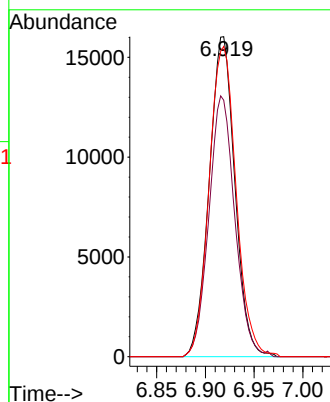
#43
Dibromomethane
Concen: 4.430 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 93 Resp: 29422

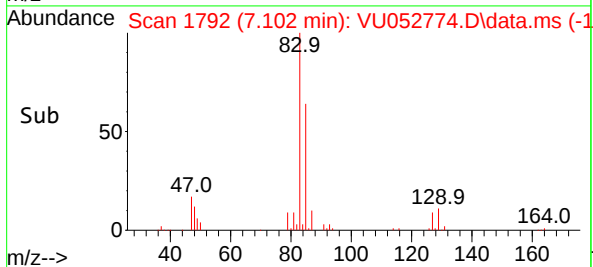
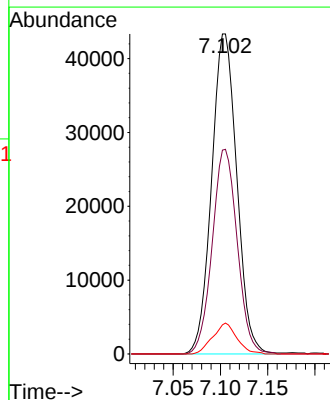
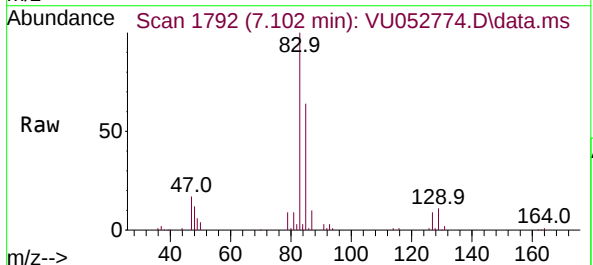
Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.0	100.6
174	102.0	82.2	123.4

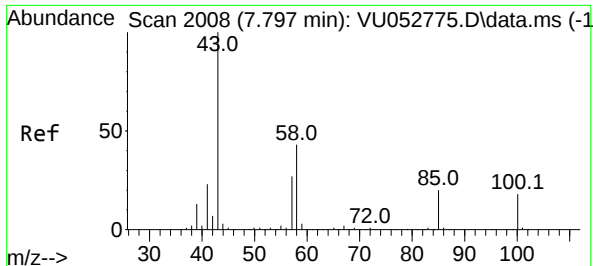


#44
Bromodichloromethane
Concen: 5.115 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 83 Resp: 80331

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.1	78.1
127	9.1	7.2	10.8





#45

4-Methyl-2-Pentanone

Concen: 23.557 ug/l

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

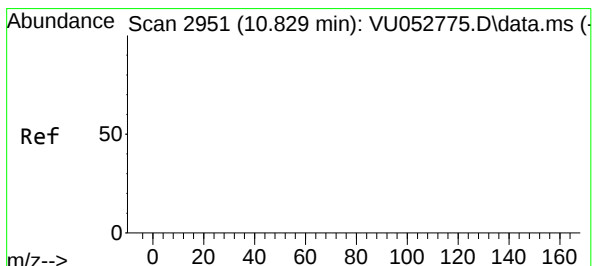
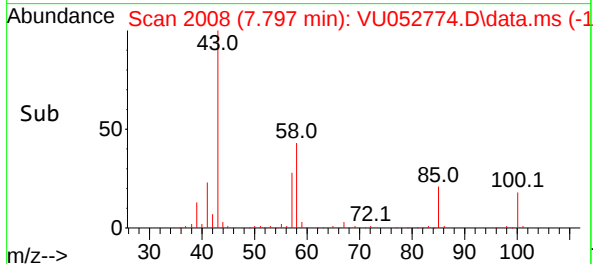
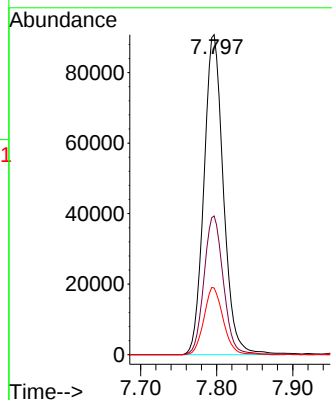
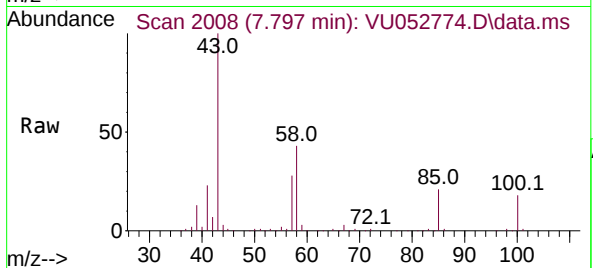
Tgt Ion: 43 Resp: 161620

Ion Ratio Lower Upper

43 100

58 43.1 21.7 65.1

85 20.7 16.2 24.4



#46

t-1,4-Dichloro-2-butene

Concen: 20.572 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.006 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Tgt Ion: 75 Resp: 67185

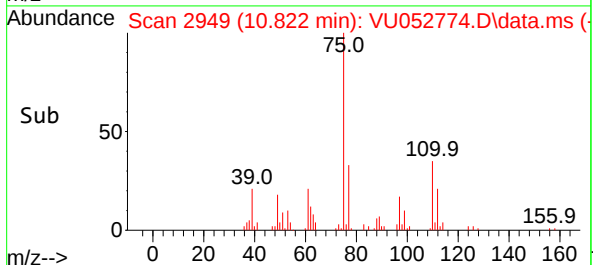
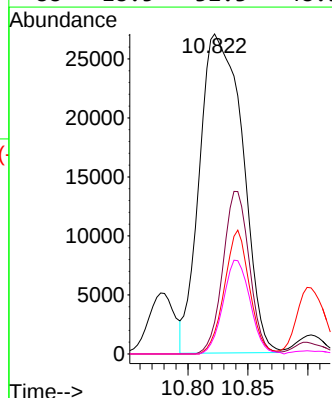
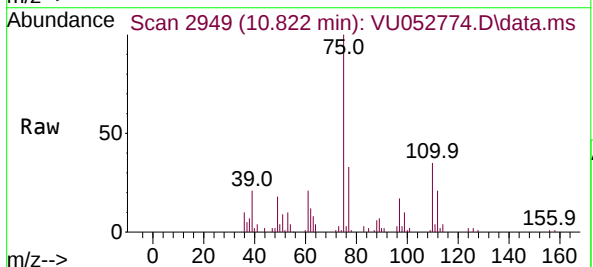
Ion Ratio Lower Upper

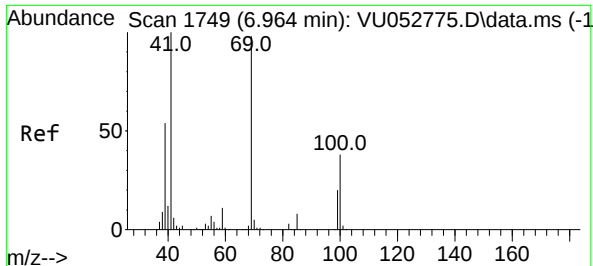
75 100

53 31.5 57.0 85.4#

89 22.8 41.1 61.7#

88 18.5 32.3 48.5#





#47

Methyl methacrylate

Concen: 10.032 ug/l

RT: 6.964 min Scan# 1

Delta R.T. 0.000 min

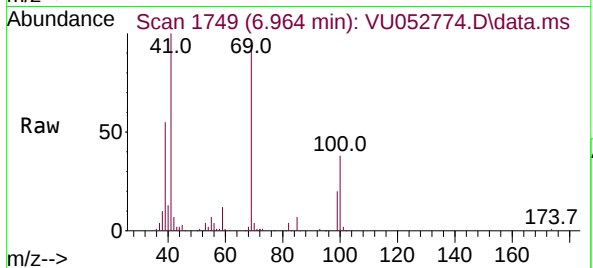
Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 54505

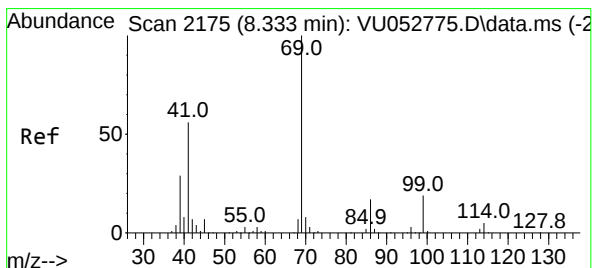
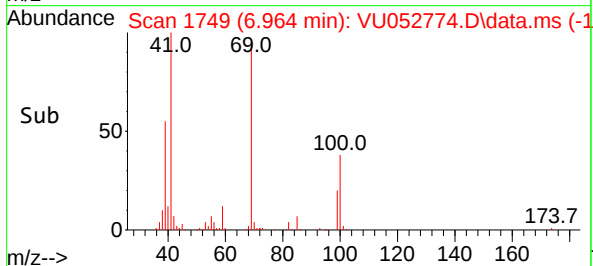
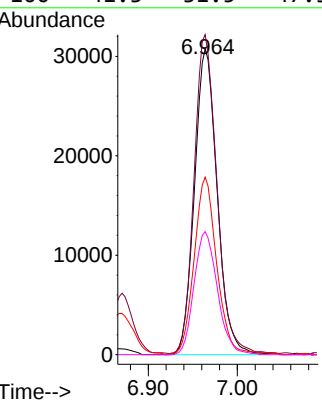
Ion Ratio Lower Upper

69 100

41 103.8 0.0 201.8

39 58.0 44.0 66.0

100 41.3 31.5 47.3



#48

Ethyl methacrylate

Concen: 5.065 ug/l

RT: 8.334 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU052774.D

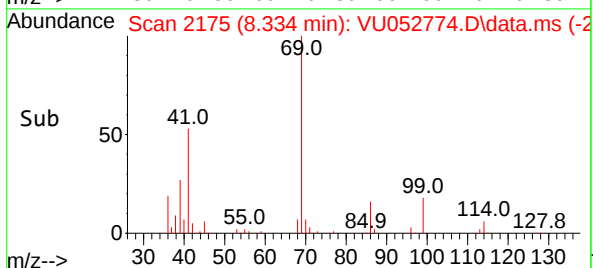
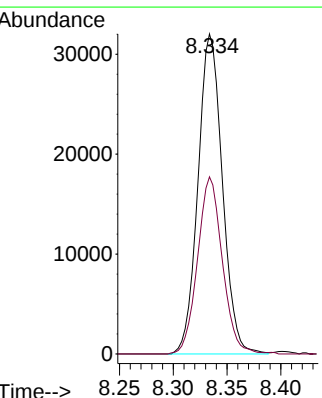
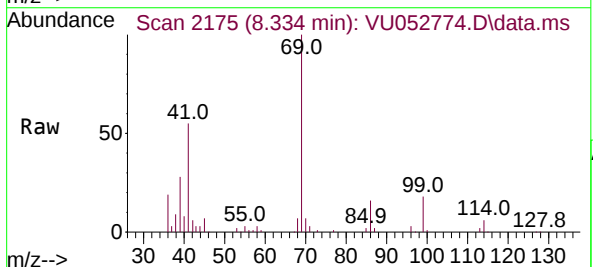
Acq: 23 Jan 2023 12:55

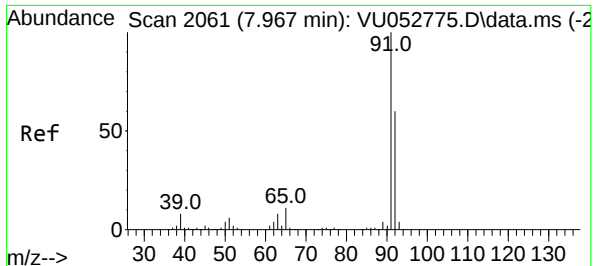
Tgt Ion: 69 Resp: 50577

Ion Ratio Lower Upper

69 100

41 56.1 28.1 84.4





#49

Toluene

Concen: 5.173 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

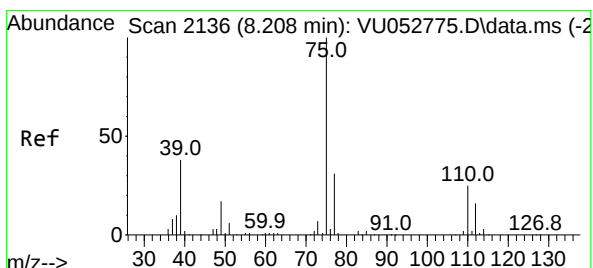
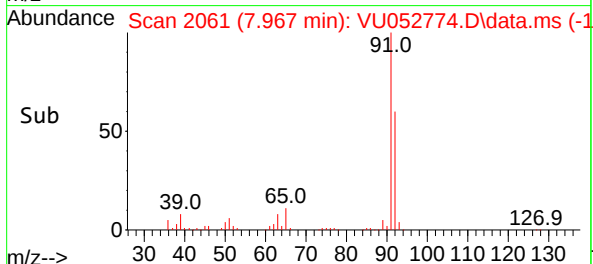
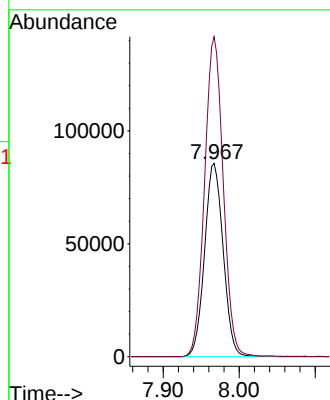
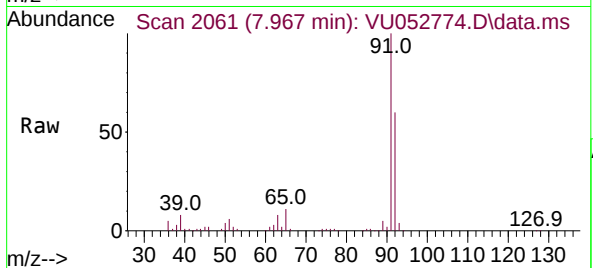
ClientSampleId :

Tgt Ion: 92 Resp: 145493

Ion Ratio Lower Upper

92 100

91 165.6 133.8 200.8



#50

t-1,3-Dichloropropene

Concen: 5.089 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052774.D

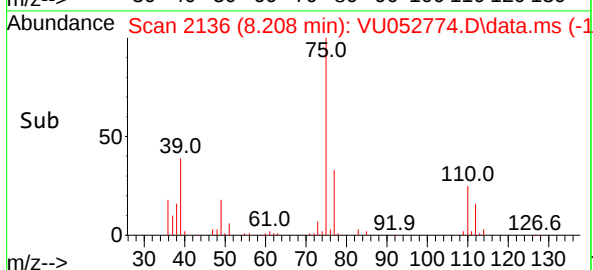
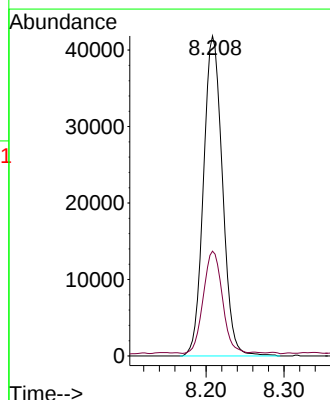
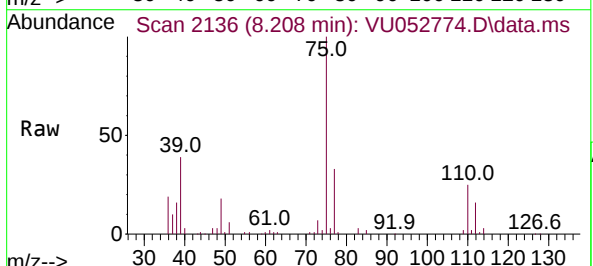
Acq: 23 Jan 2023 12:55

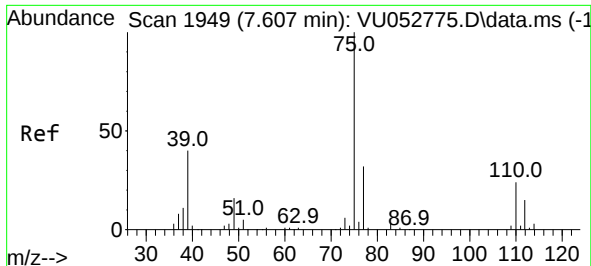
Tgt Ion: 75 Resp: 70739

Ion Ratio Lower Upper

75 100

77 32.1 24.4 36.6





#51

cis-1,3-Dichloropropene

Concen: 5.144 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

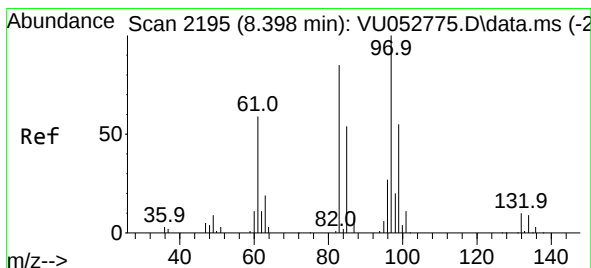
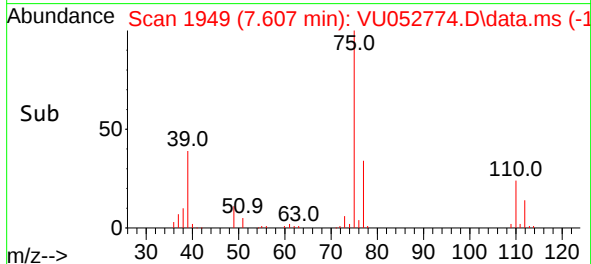
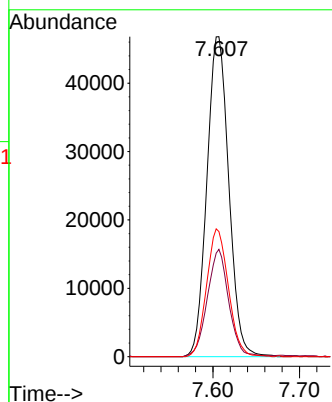
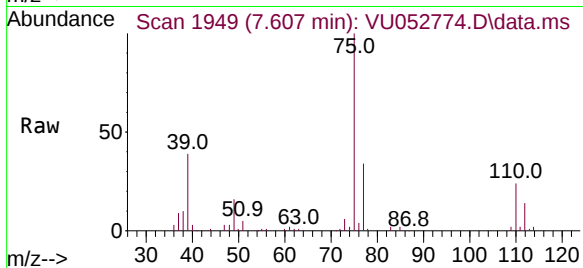
Tgt Ion: 75 Resp: 82342

Ion Ratio Lower Upper

75 100

77 33.5 25.5 38.3

39 39.1 32.3 48.5



#52

1,1,2-Trichloroethane

Concen: 4.521 ug/l

RT: 8.398 min Scan# 2195

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Tgt Ion: 97 Resp: 42605

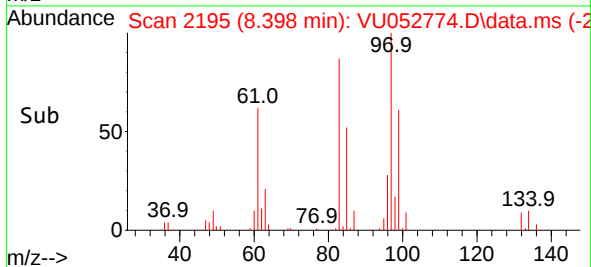
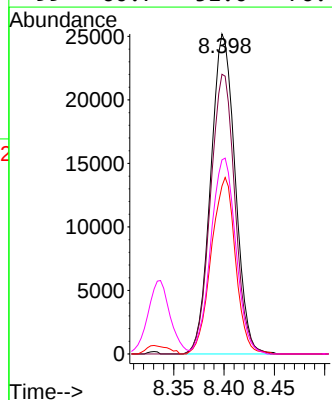
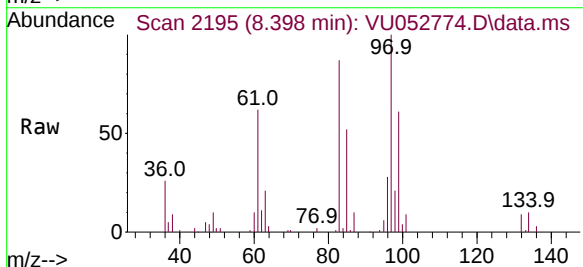
Ion Ratio Lower Upper

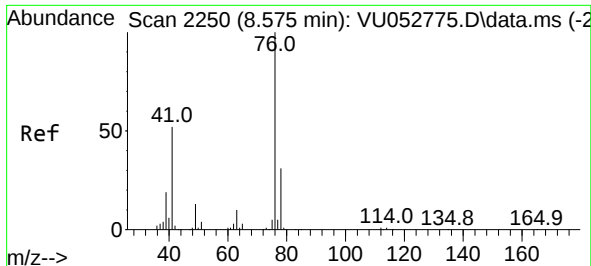
97 100

83 87.4 68.2 102.2

85 52.4 44.5 66.7

99 60.7 51.0 76.4





#53

1,3-Dichloropropane

Concen: 4.661 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

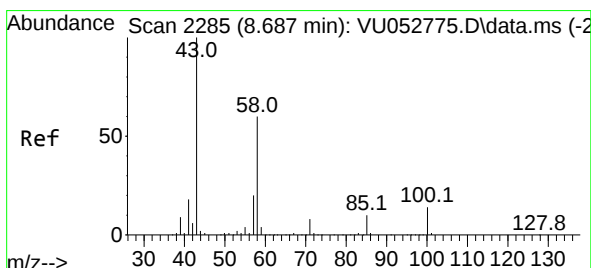
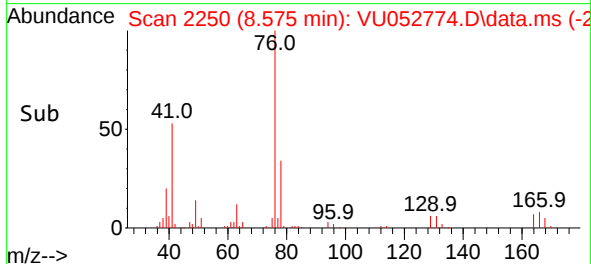
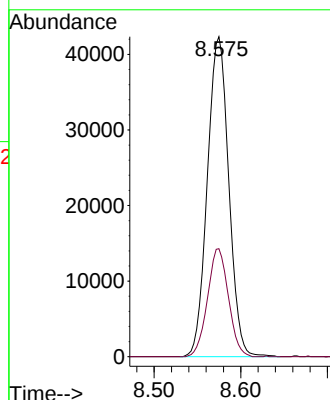
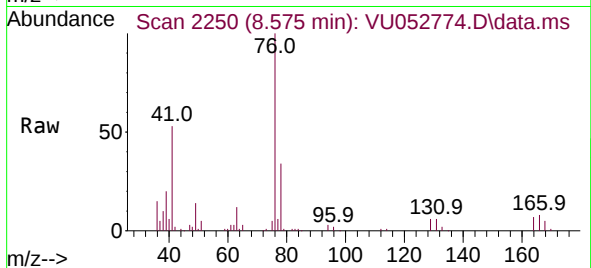
ClientSampleId :

Tgt Ion: 76 Resp: 72736

Ion Ratio Lower Upper

76 100

78 33.0 25.2 37.8



#54

2-Hexanone

Concen: 29.462 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

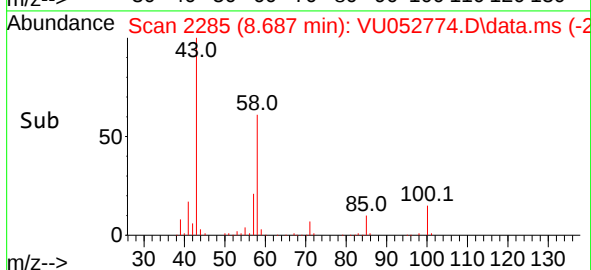
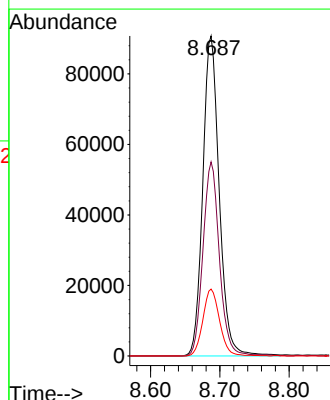
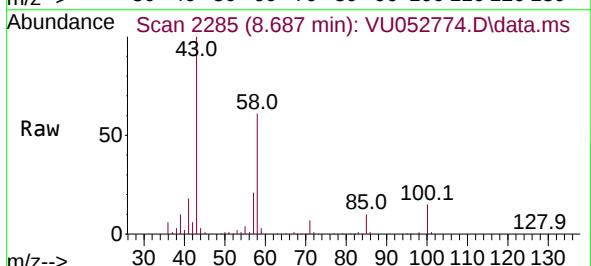
Tgt Ion: 43 Resp: 149936

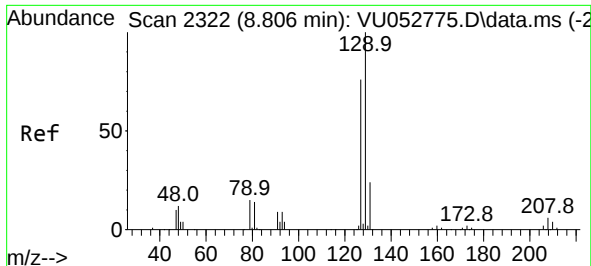
Ion Ratio Lower Upper

43 100

58 60.6 40.0 80.0

57 21.2 0.6 40.6

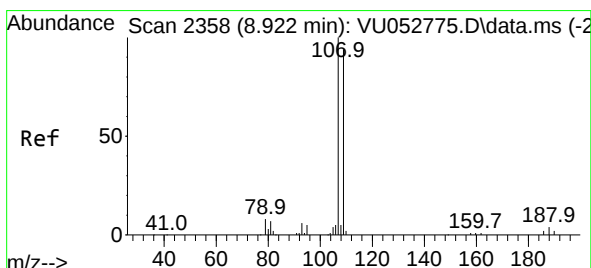
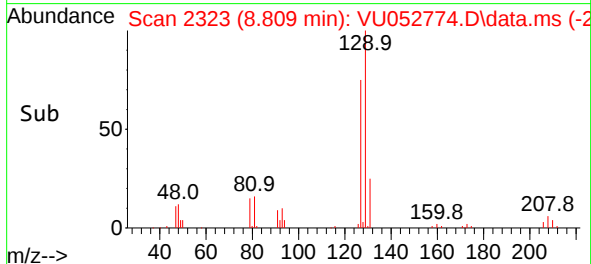
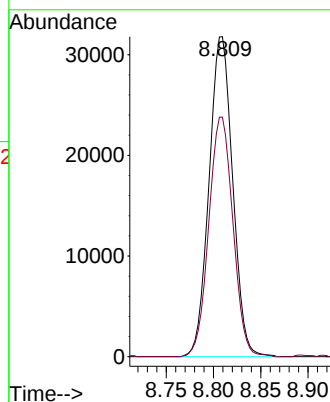
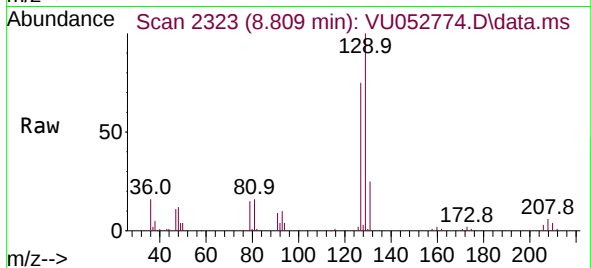




#55
Dibromochloromethane
Concen: 4.869 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

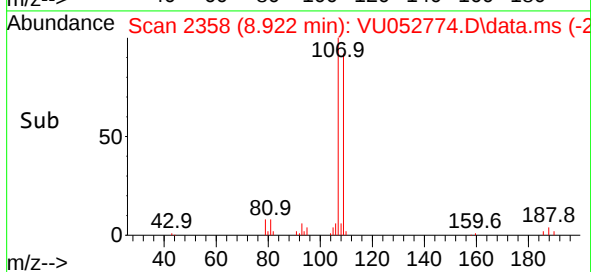
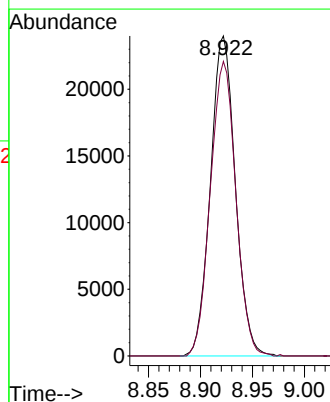
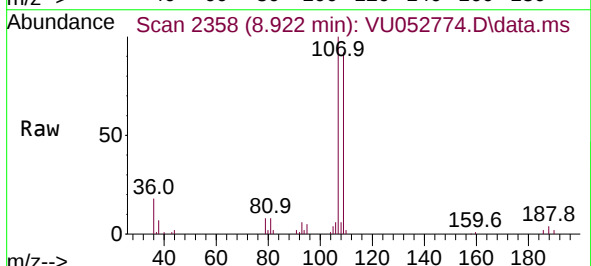
Instrument :
MSVOA_U
ClientSampleId :

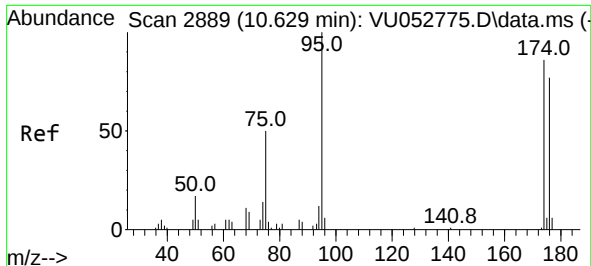
Tgt Ion:129 Resp: 55272
Ion Ratio Lower Upper
129 100
127 76.5 61.5 92.3



#56
1,2-Dibromoethane
Concen: 4.458 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion:107 Resp: 39967
Ion Ratio Lower Upper
107 100
109 94.2 0.0 190.4

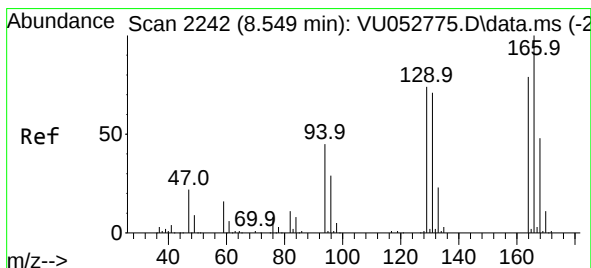
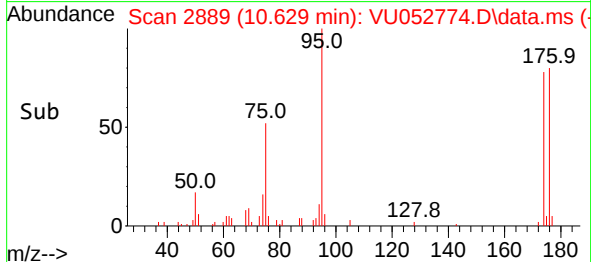
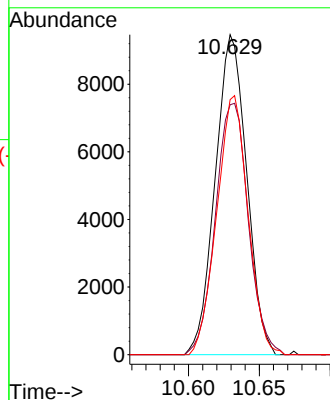
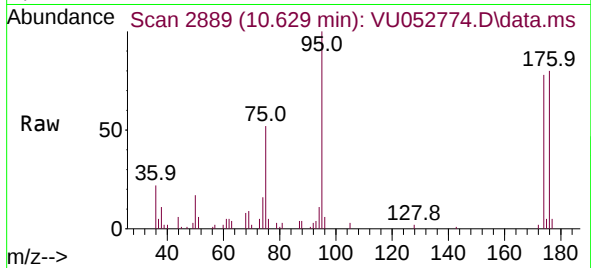




#57
4-Bromofluorobenzene
Concen: 0.969 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

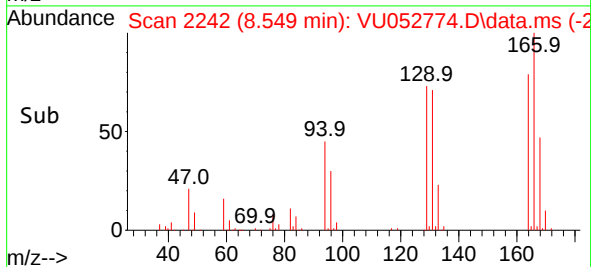
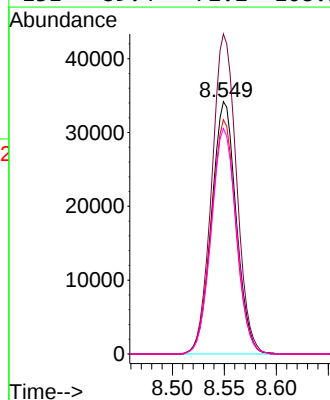
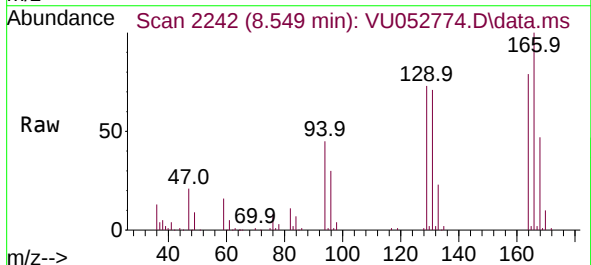
Instrument :
MSVOA_U
ClientSampleId :

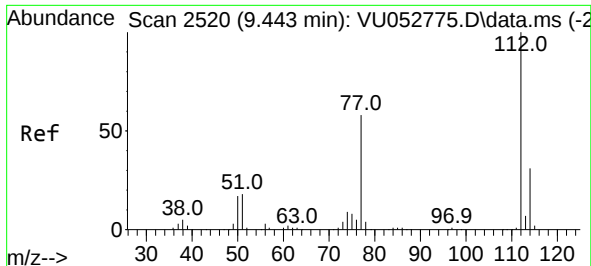
Tgt Ion: 95 Resp: 14610
Ion Ratio Lower Upper
95 100
174 82.1 66.9 100.3
176 80.5 61.9 92.9



#58
Tetrachloroethene
Concen: 4.719 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 164 Resp: 56460
Ion Ratio Lower Upper
164 100
166 126.8 101.5 152.3
129 92.8 75.2 112.8
131 89.4 72.2 108.2





#59

Chlorobenzene

Concen: 4.666 ug/l

RT: 9.443 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

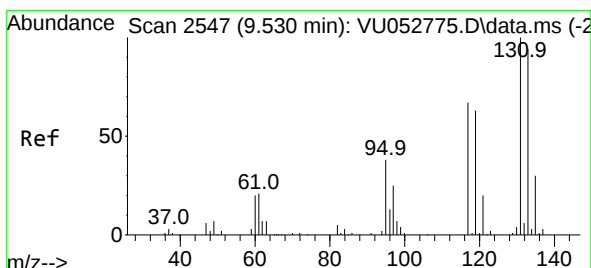
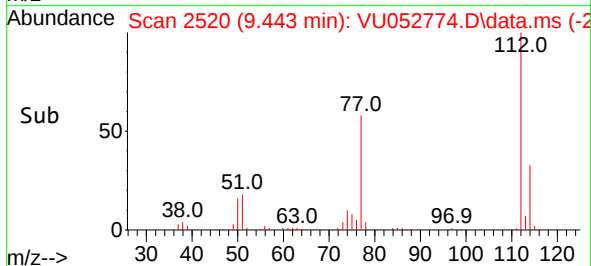
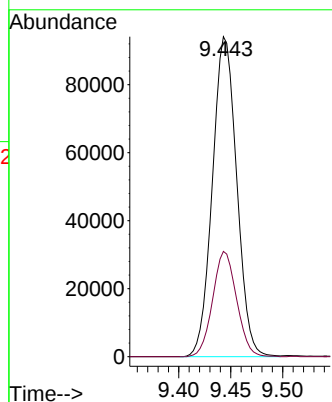
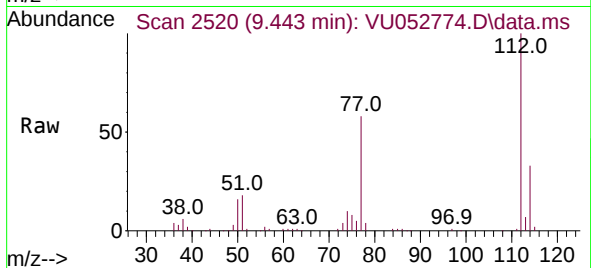
ClientSampleId :

Tgt Ion:112 Resp: 153351

Ion Ratio Lower Upper

112 100

114 32.9 25.2 37.8



#60

1,1,1,2-Tetrachloroethane

Concen: 5.023 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.003 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

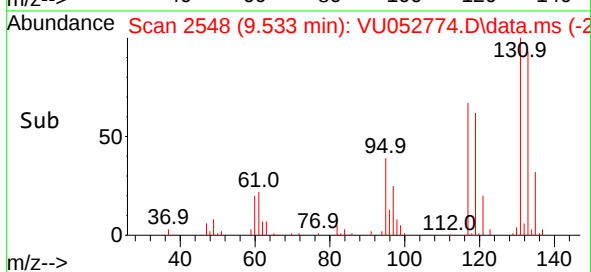
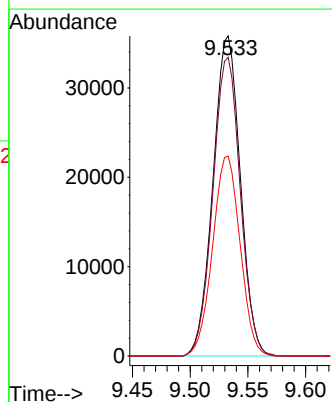
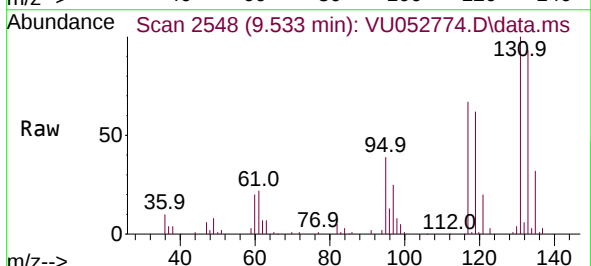
Tgt Ion:131 Resp: 59046

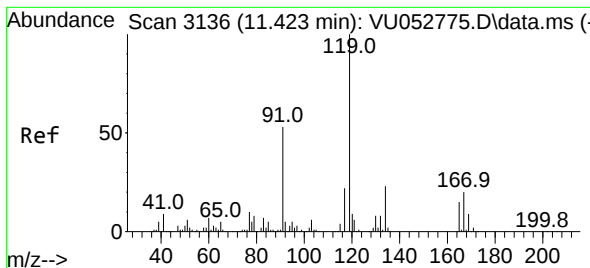
Ion Ratio Lower Upper

131 100

133 93.7 77.2 115.8

119 62.8 50.8 76.2





#61

Pentachloroethane

Concen: 4.918 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

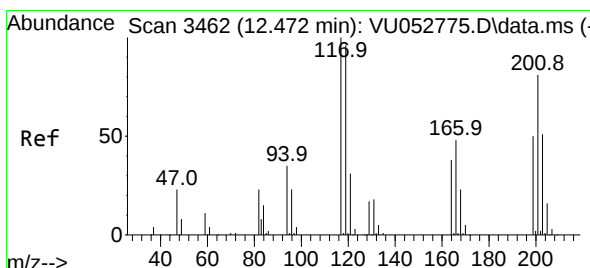
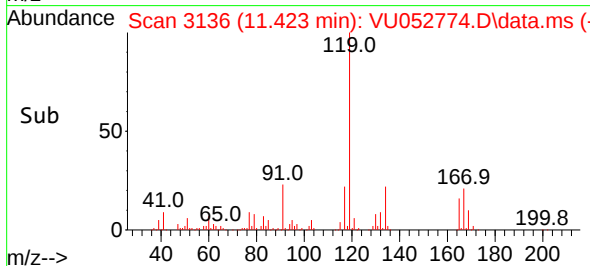
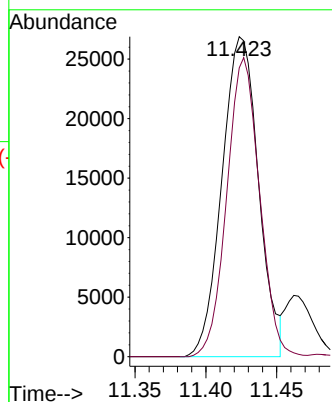
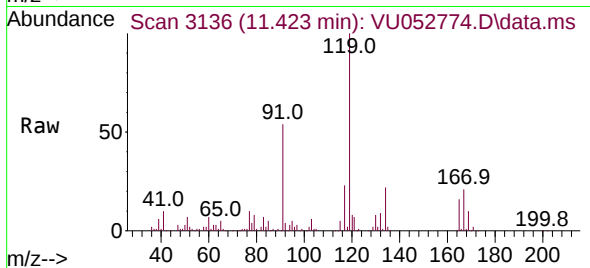
ClientSampleId :

Tgt Ion:117 Resp: 48257

Ion Ratio Lower Upper

117 100

167 83.7 66.8 100.2



#62

Hexachloroethane

Concen: 5.438 ug/l

RT: 12.472 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052774.D

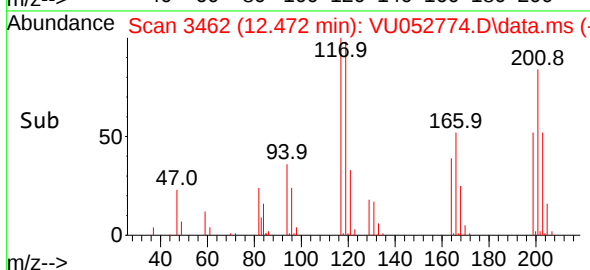
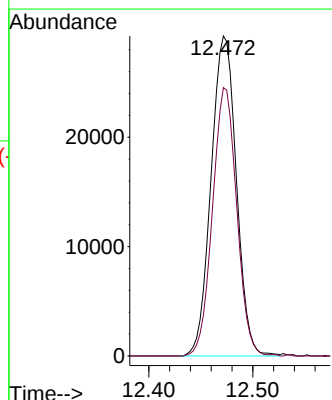
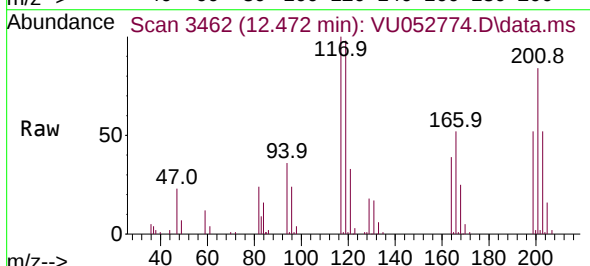
Acq: 23 Jan 2023 12:55

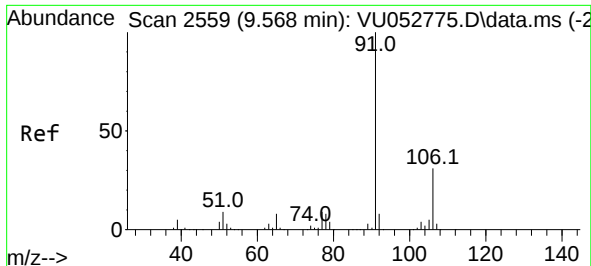
Tgt Ion:117 Resp: 49525

Ion Ratio Lower Upper

117 100

201 80.3 64.6 97.0





#63

Ethyl Benzene

Concen: 5.042 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

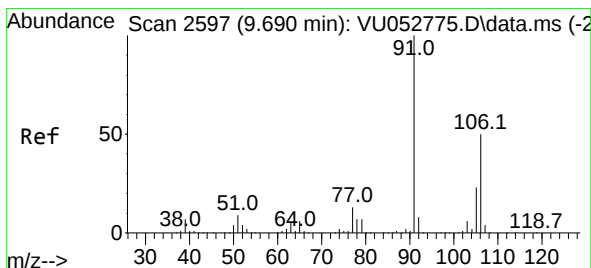
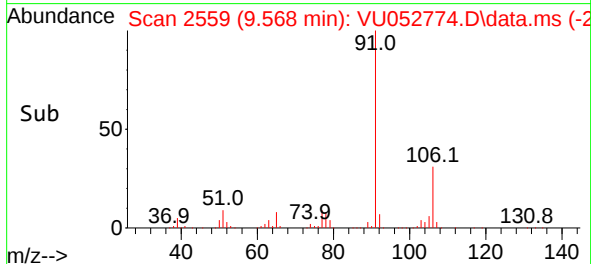
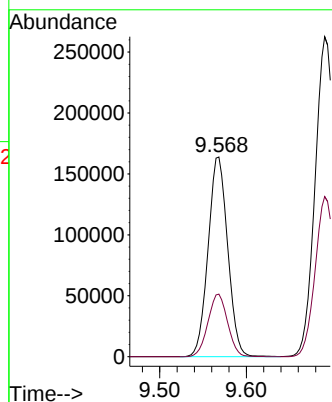
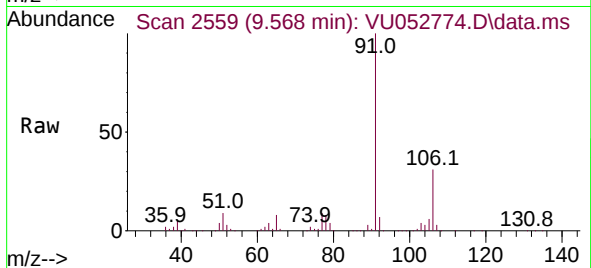
ClientSampleId :

Tgt Ion: 91 Resp: 257296

Ion Ratio Lower Upper

91 100

106 31.3 25.1 37.7



#64

m/p-Xylenes

Concen: 10.489 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052774.D

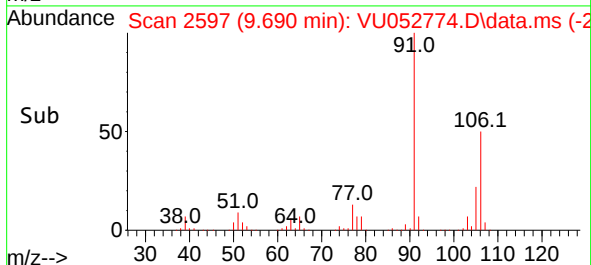
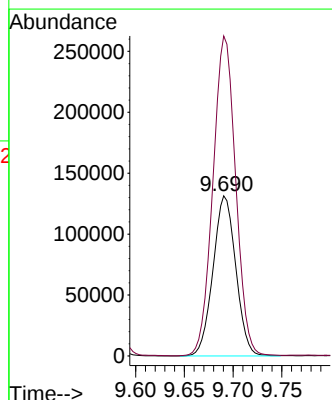
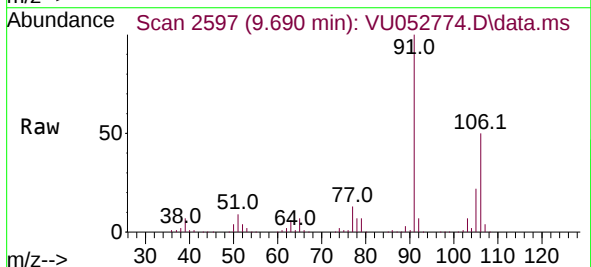
Acq: 23 Jan 2023 12:55

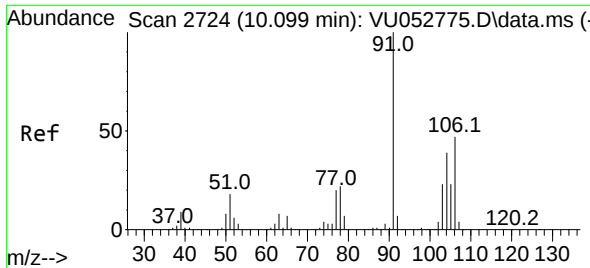
Tgt Ion: 106 Resp: 213526

Ion Ratio Lower Upper

106 100

91 199.5 158.7 238.1

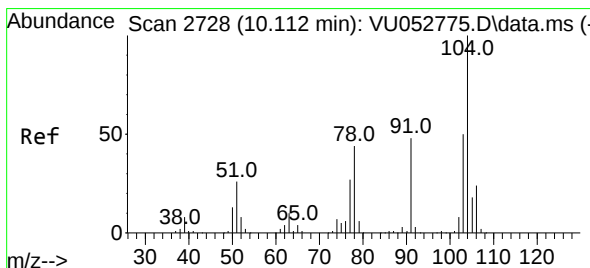
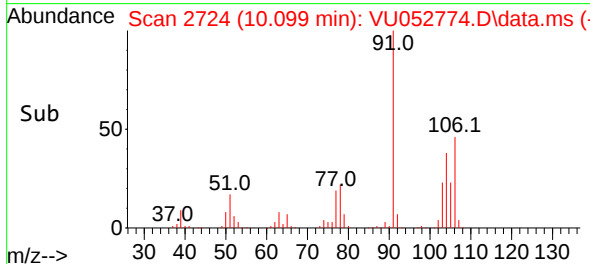
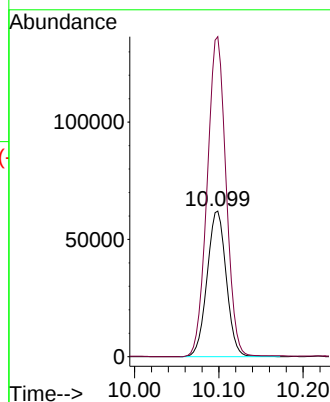
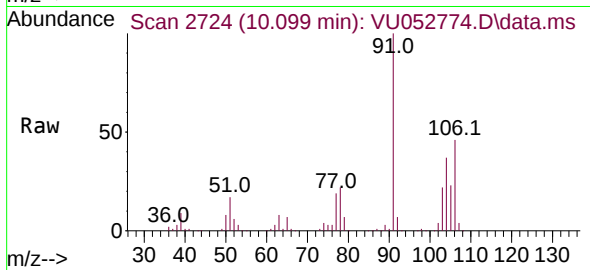




#65
o-Xylene
Concen: 5.049 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

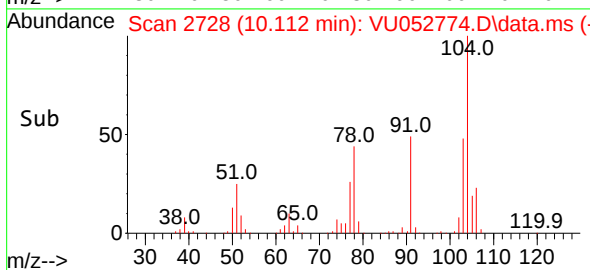
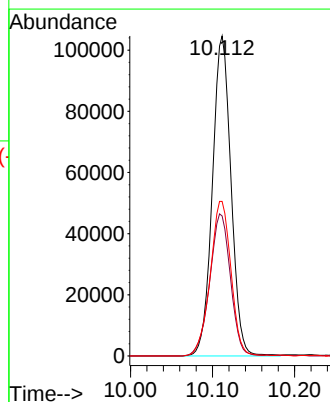
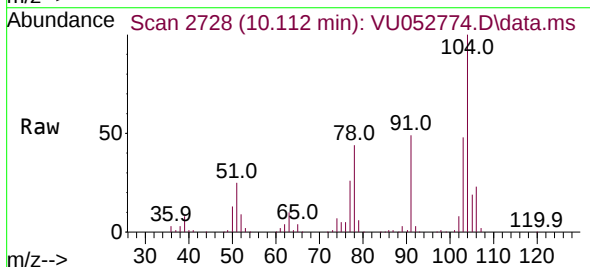
Instrument :
MSVOA_U
ClientSampleId :

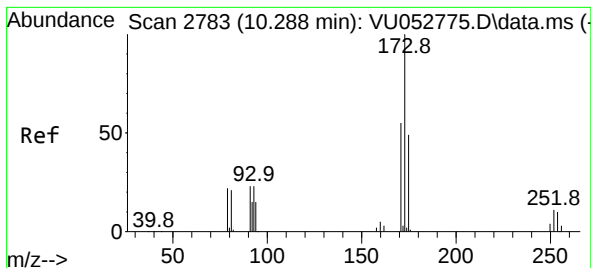
Tgt Ion:106 Resp: 98323
Ion Ratio Lower Upper
106 100
91 217.3 105.6 316.8



#66
Styrene
Concen: 5.070 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion:104 Resp: 165146
Ion Ratio Lower Upper
104 100
78 49.2 39.6 59.4
103 53.7 42.9 64.3





#67

Bromoform

Concen: 4.590 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052774.D

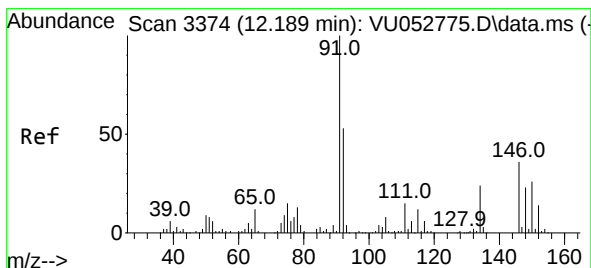
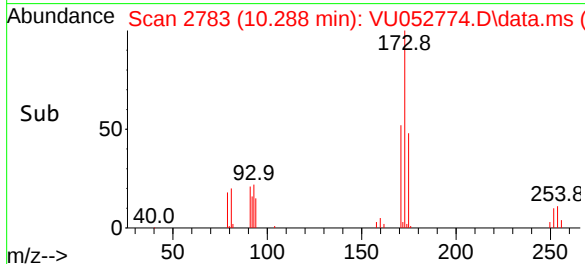
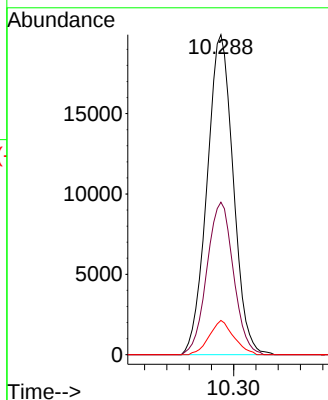
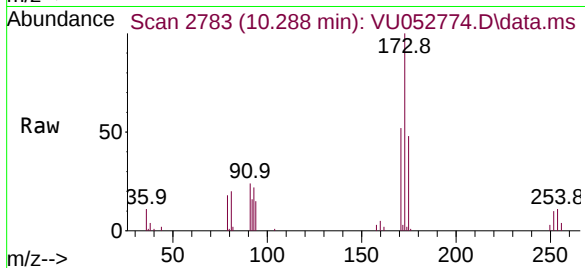
Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	173	Resp:	32551
Ion Ratio	Lower	Upper	
173	100		
175	48.2	39.5	59.3
254	10.0	8.0	12.0



#68

1,2-Dichlorobenzene-d4

Concen: 0.820 ug/l

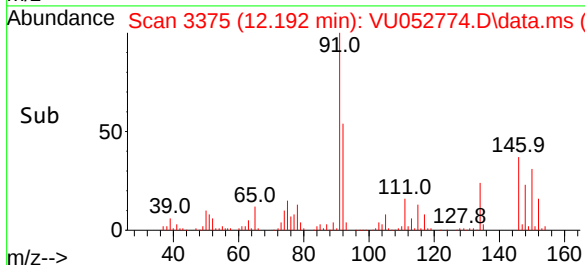
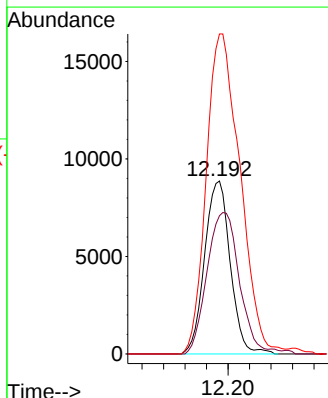
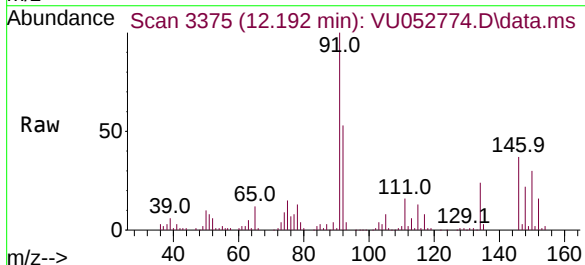
RT: 12.192 min Scan# 3375

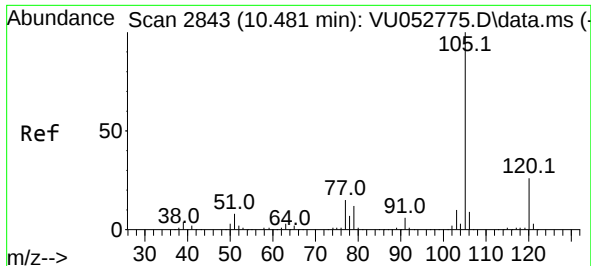
Delta R.T. 0.003 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Tgt Ion:	152	Resp:	14677
Ion Ratio	Lower	Upper	
152	100		
115	103.4	0.0	262.6
150	243.9	0.0	638.0

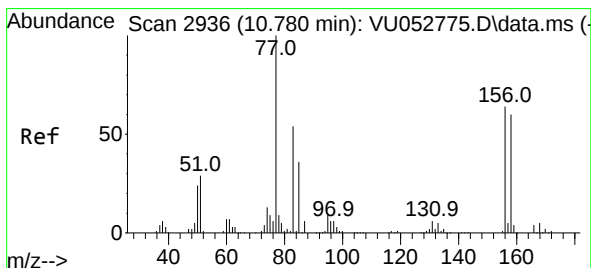
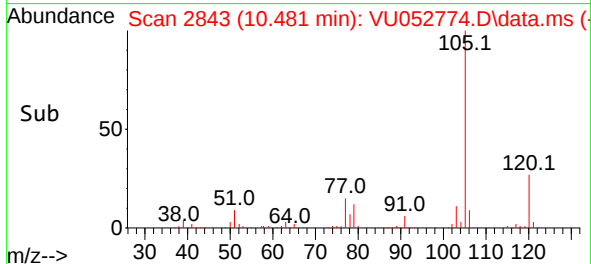
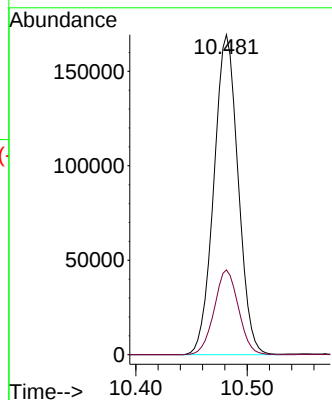
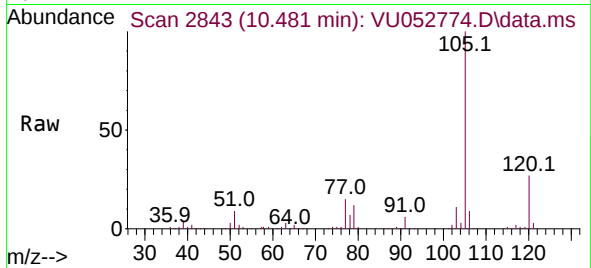




#69
Isopropylbenzene
Concen: 5.056 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

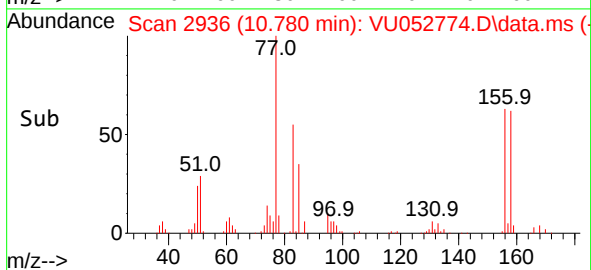
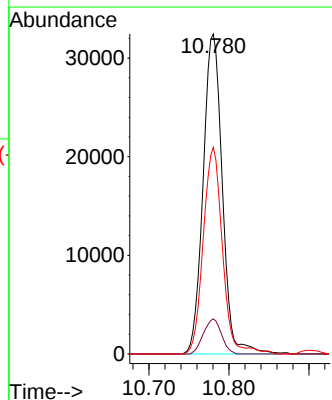
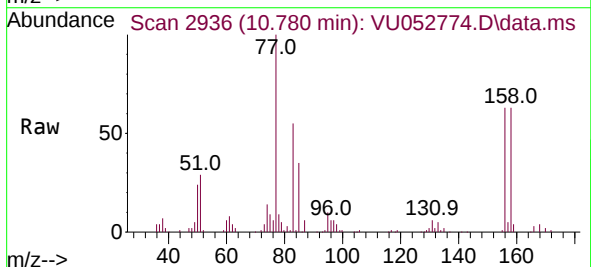
Instrument :
MSVOA_U
ClientSampleId :

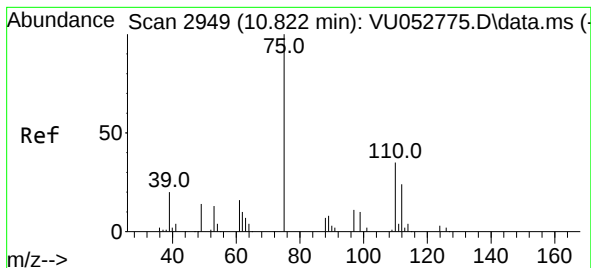
Tgt Ion:105 Resp: 256171
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#70
1,1,2,2-Tetrachloroethane
Concen: 4.479 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion: 83 Resp: 54249
Ion Ratio Lower Upper
83 100
131 10.3 8.6 13.0
85 64.6 52.6 78.8





#71

1,2,3-Trichloropropane

Concen: 7.052 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 67185

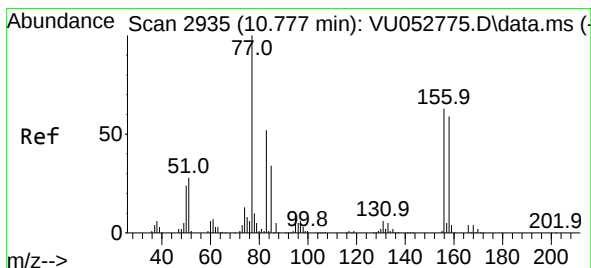
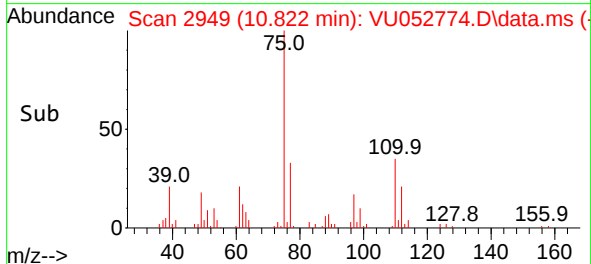
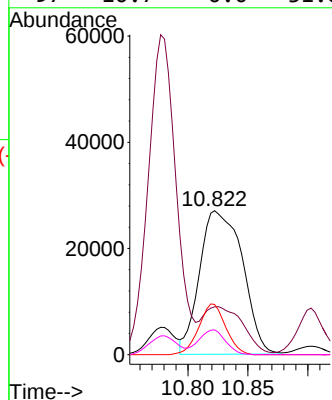
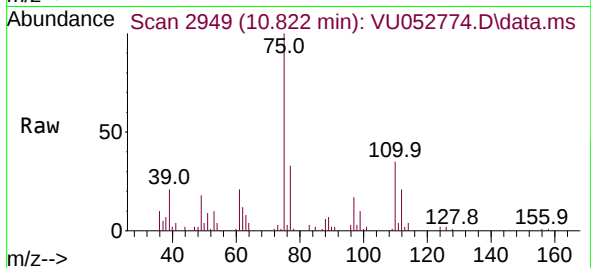
Ion Ratio Lower Upper

75 100

77 29.5 0.0 86.0

110 22.2 0.0 63.8

97 10.7 0.0 31.8



#72

Bromobenzene

Concen: 4.150 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

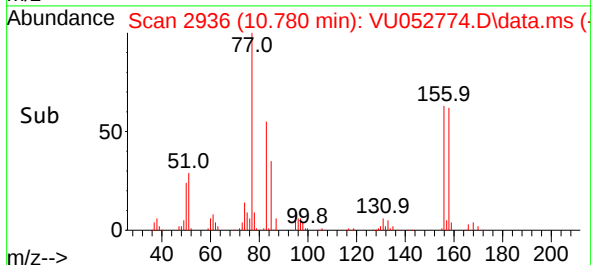
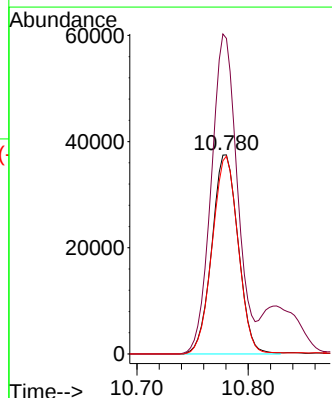
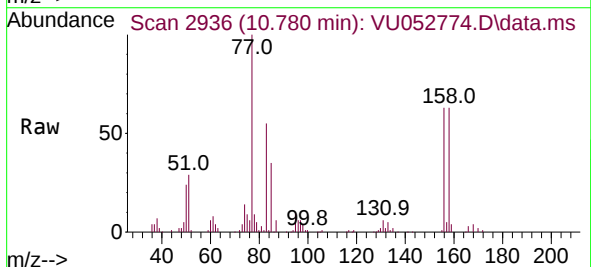
Tgt Ion: 156 Resp: 61607

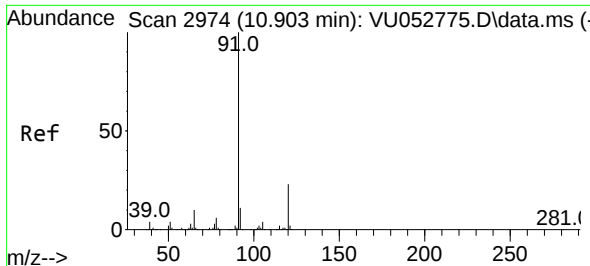
Ion Ratio Lower Upper

156 100

77 158.7 0.0 321.2

158 98.1 0.0 192.0

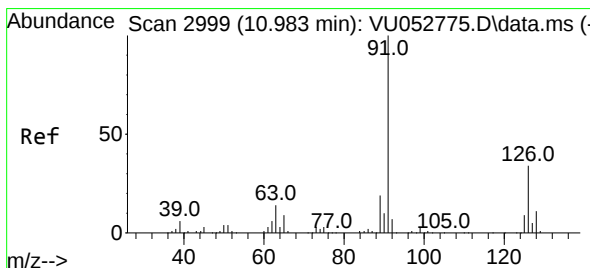
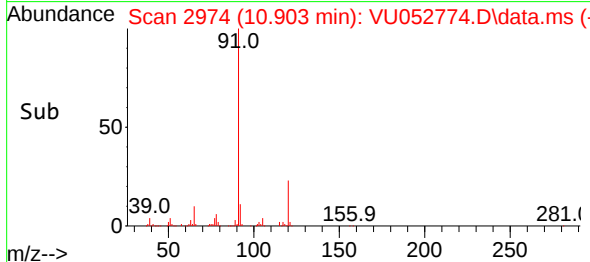
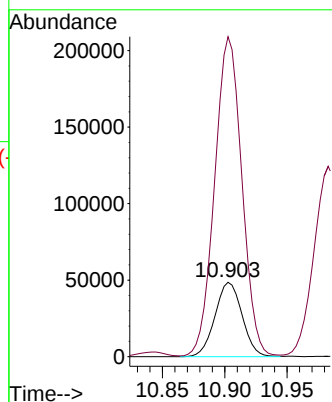
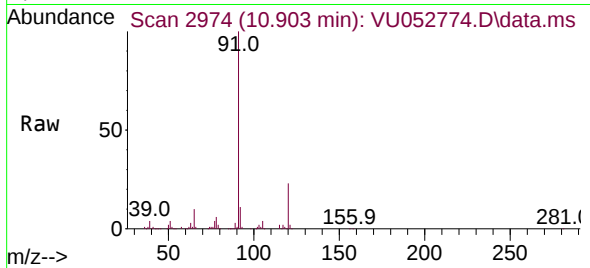




#73
n-propylbenzene
Concen: 5.106 ug/l
RT: 10.903 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

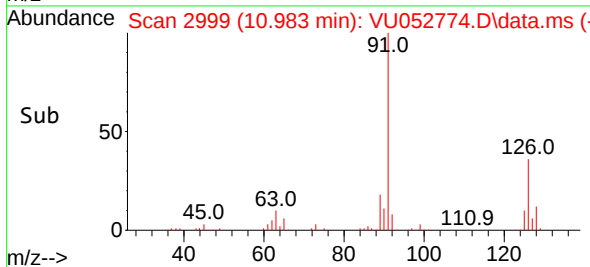
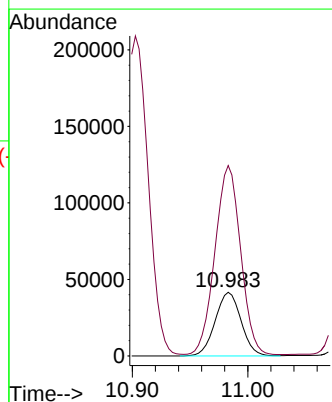
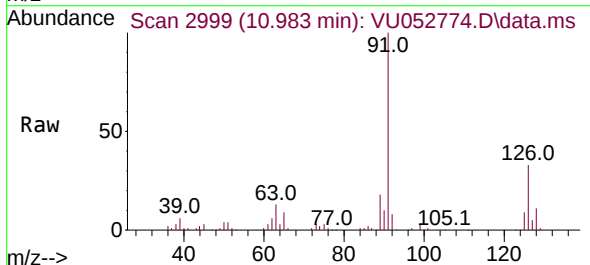
Instrument :
MSVOA_U
ClientSampleId :

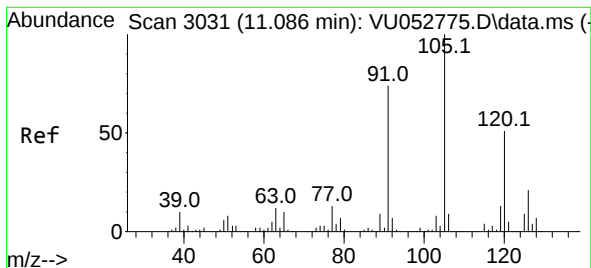
Tgt Ion:120 Resp: 73484
Ion Ratio Lower Upper
120 100
91 431.1 348.0 522.0



#74
2-Chlorotoluene
Concen: 4.774 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion:126 Resp: 64709
Ion Ratio Lower Upper
126 100
91 294.7 0.0 588.6





#75

1,3,5-Trimethylbenzene

Concen: 5.161 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

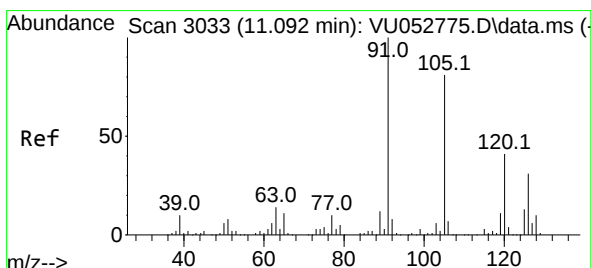
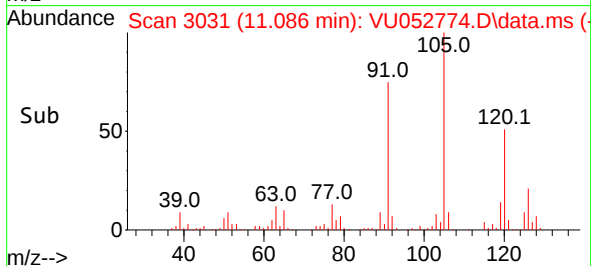
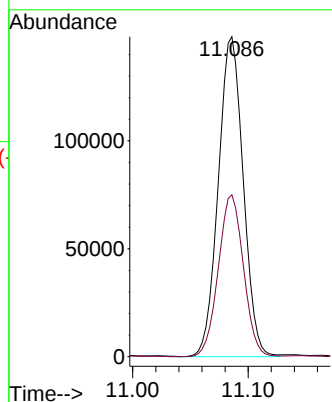
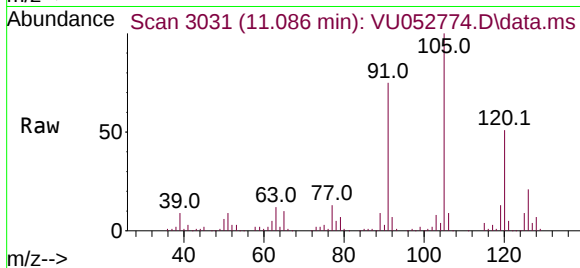
ClientSampleId :

Tgt Ion:105 Resp: 222426

Ion Ratio Lower Upper

105 100

120 51.0 39.9 59.9



#76

4-Chlorotoluene

Concen: 4.671 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU052774.D

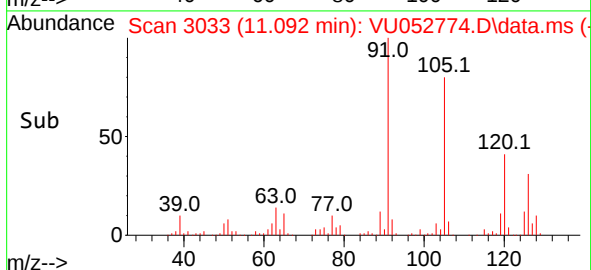
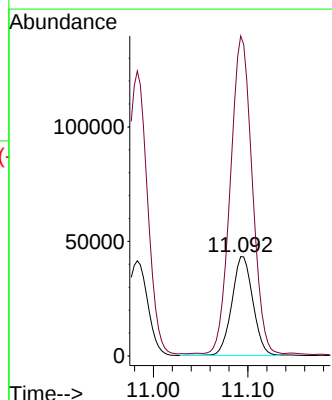
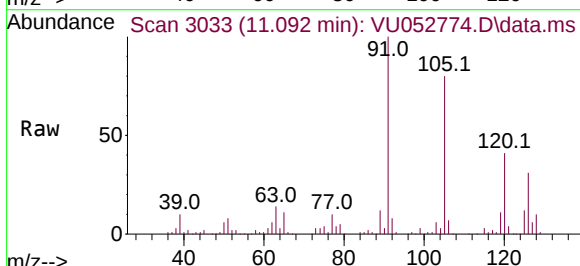
Acq: 23 Jan 2023 12:55

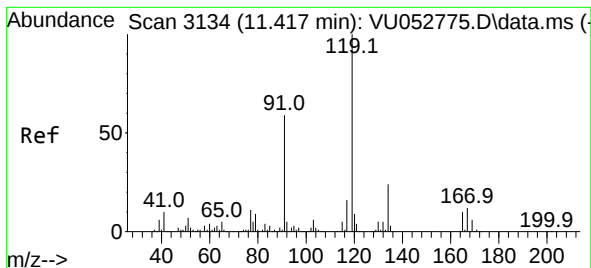
Tgt Ion:126 Resp: 66620

Ion Ratio Lower Upper

126 100

91 331.4 0.0 661.8





#77

tert-Butylbenzene

Concen: 5.052 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

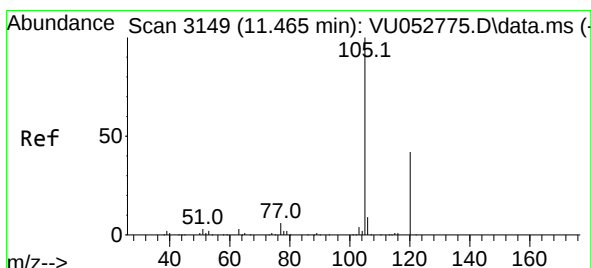
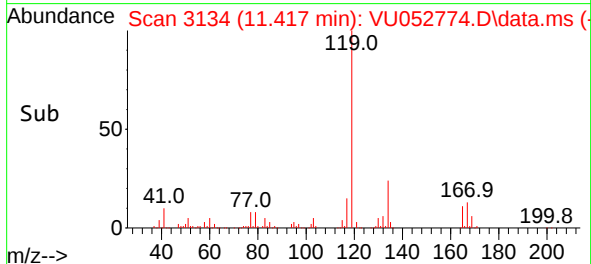
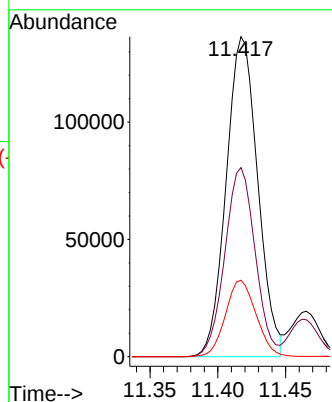
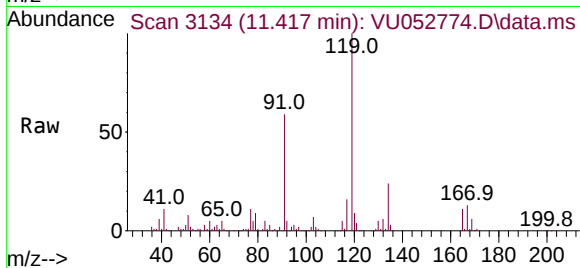
Tgt Ion:119 Resp: 220851

Ion Ratio Lower Upper

119 100

91 57.1 28.4 85.3

134 23.2 18.6 27.8



#78

1,2,4-Trimethylbenzene

Concen: 5.157 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU052774.D

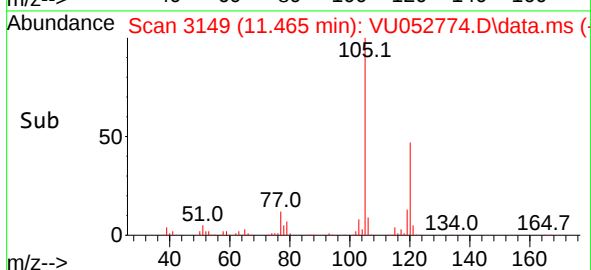
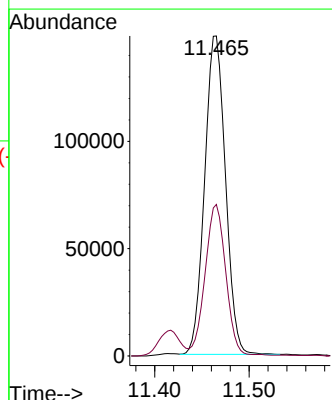
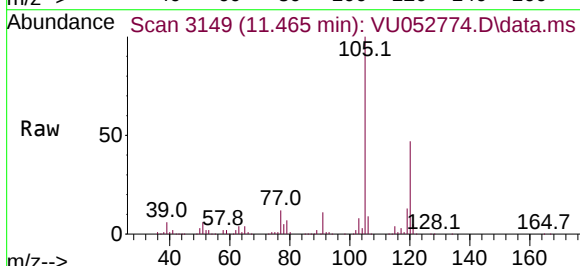
Acq: 23 Jan 2023 12:55

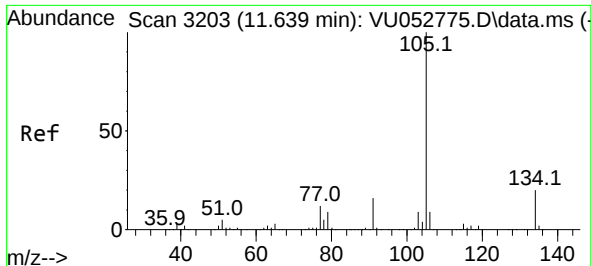
Tgt Ion:105 Resp: 227369

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.3





#79

sec-Butylbenzene

Concen: 5.078 ug/l

RT: 11.642 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

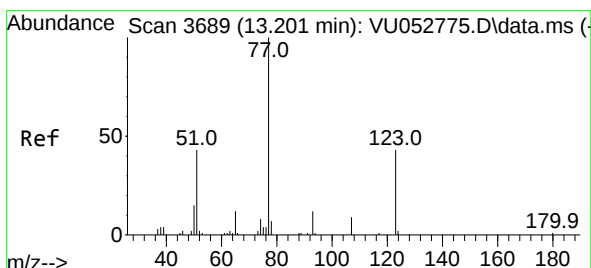
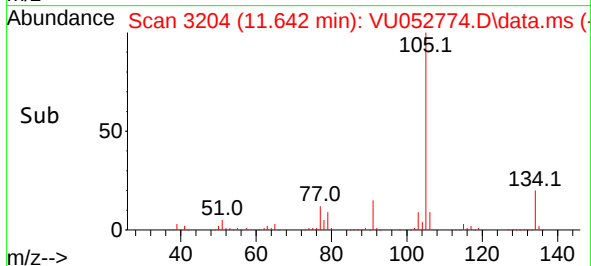
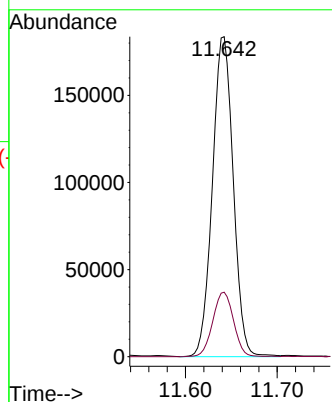
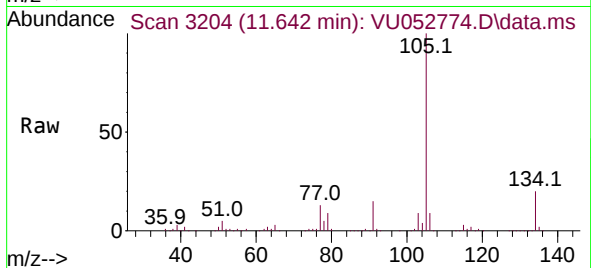
ClientSampleId :

Tgt Ion:105 Resp: 290040

Ion Ratio Lower Upper

105 100

134 20.1 16.5 24.7



#80

Nitrobenzene

Concen: 30.376 ug/l

RT: 13.202 min Scan# 3689

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

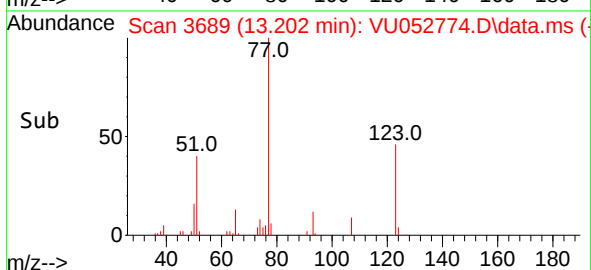
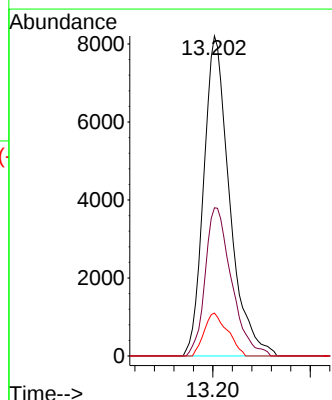
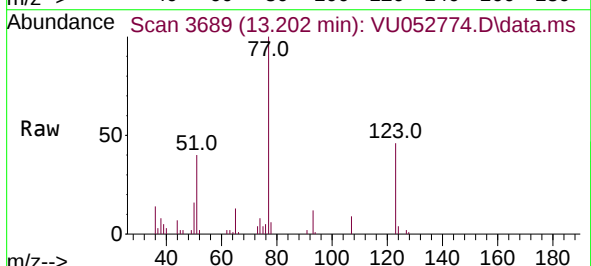
Tgt Ion: 77 Resp: 15108

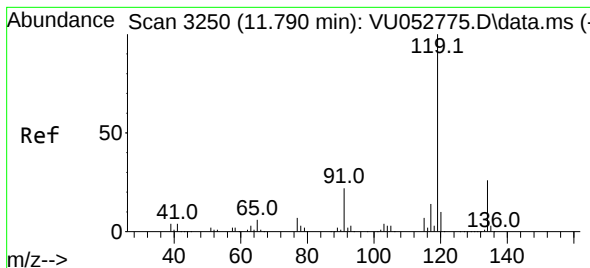
Ion Ratio Lower Upper

77 100

123 47.2 18.8 66.8

65 12.1 10.1 12.9





#81

p-Isopropyltoluene

Concen: 5.219 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

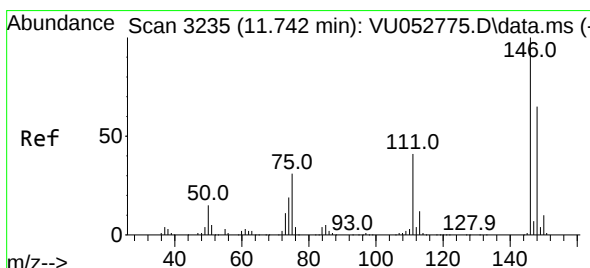
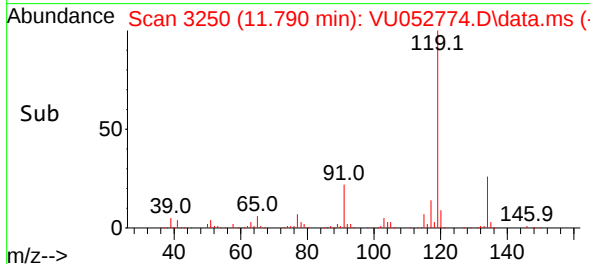
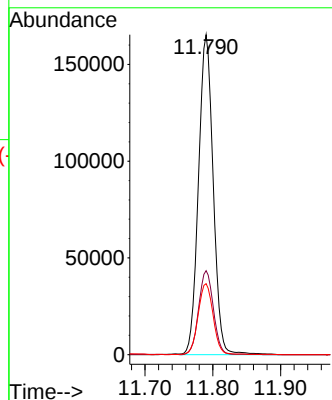
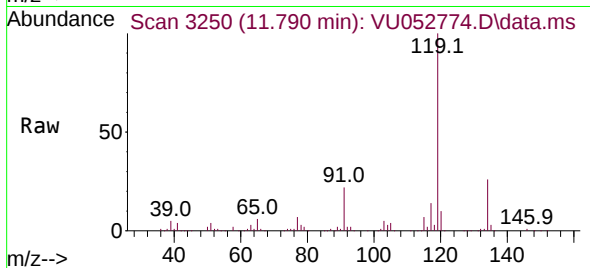
Tgt Ion:119 Resp: 249569

Ion Ratio Lower Upper

119 100

134 26.3 20.7 31.1

91 22.7 17.6 26.4



#82

1,3-Dichlorobenzene

Concen: 4.345 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052774.D

Acq: 23 Jan 2023 12:55

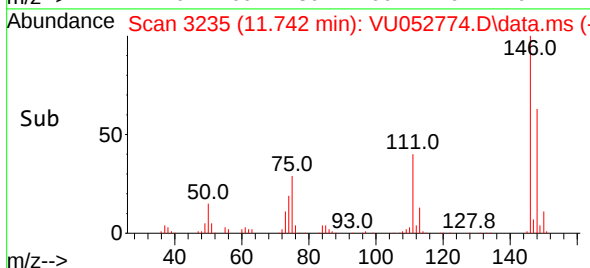
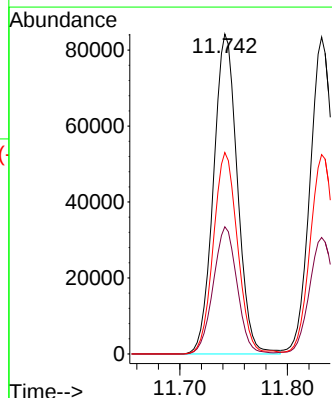
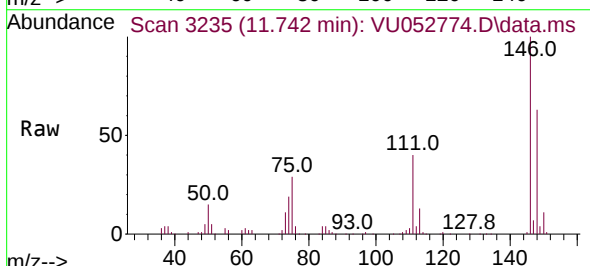
Tgt Ion:146 Resp: 130260

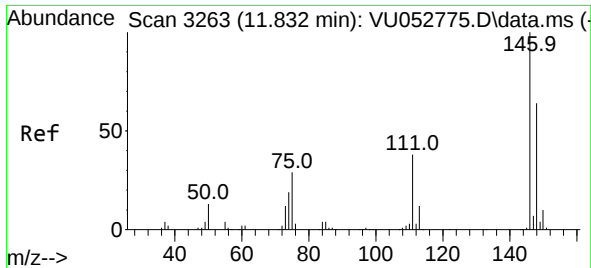
Ion Ratio Lower Upper

146 100

111 39.6 32.6 48.8

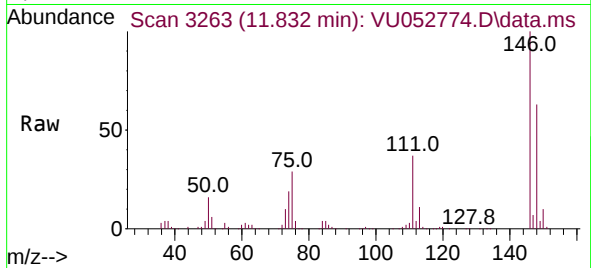
148 63.8 51.9 77.9



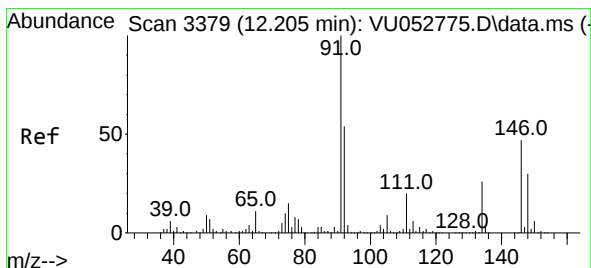
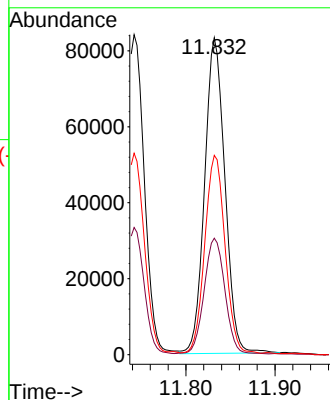
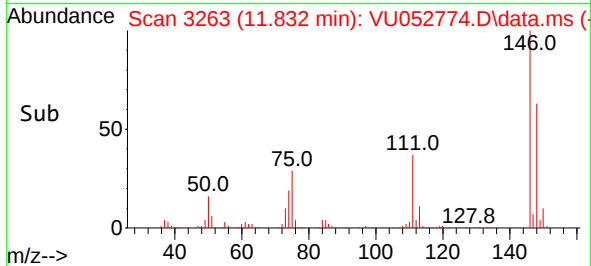


#83
1,4-Dichlorobenzene
Concen: 4.366 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

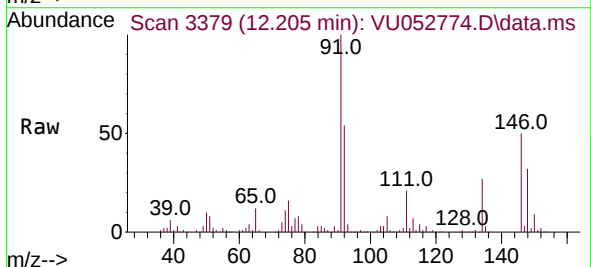
Instrument :
MSVOA_U
ClientSampleId :



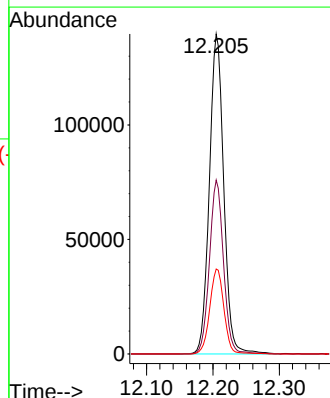
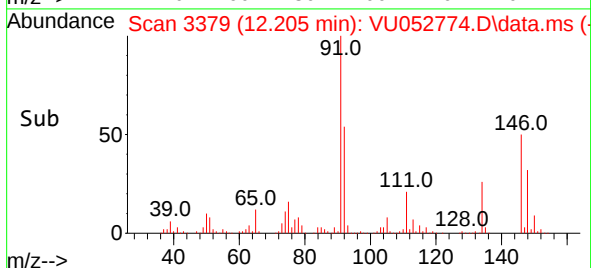
Tgt Ion:146 Resp: 131309
Ion Ratio Lower Upper
146 100
111 37.7 29.5 44.3
148 62.8 51.4 77.0

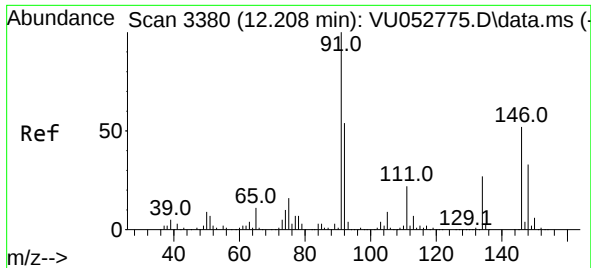


#84
n-Butylbenzene
Concen: 4.672 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55



Tgt Ion: 91 Resp: 210446
Ion Ratio Lower Upper
91 100
92 53.2 43.4 65.0
134 26.2 21.2 31.8

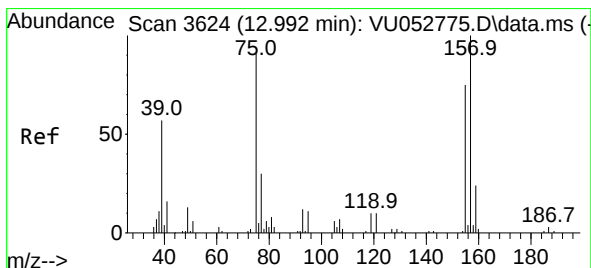
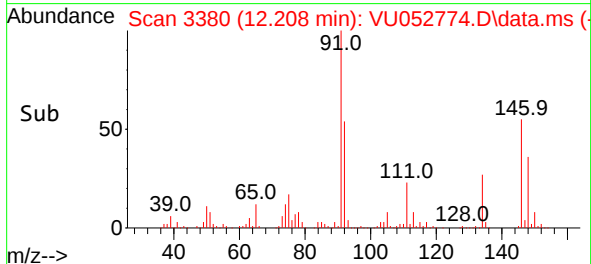
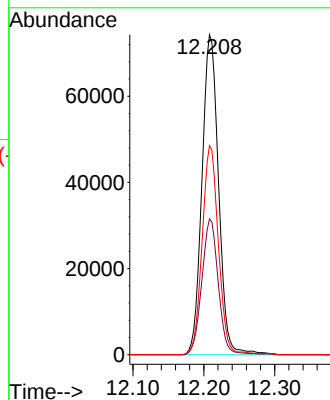
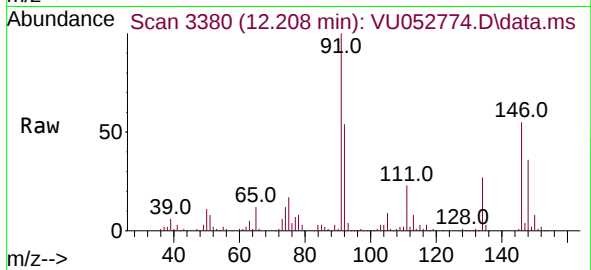




#85
 1,2-Dichlorobenzene
 Concen: 4.248 ug/l
 RT: 12.208 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU052774.D
 Acq: 23 Jan 2023 12:55

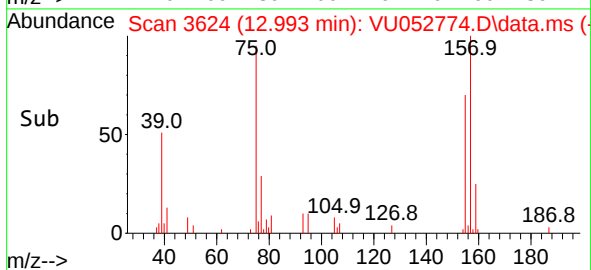
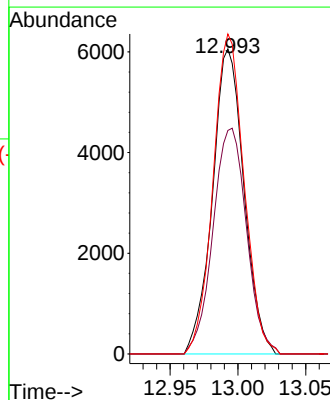
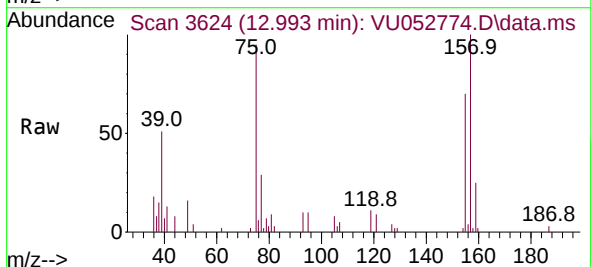
Instrument :
 MSVOA_U
 ClientSampleId :

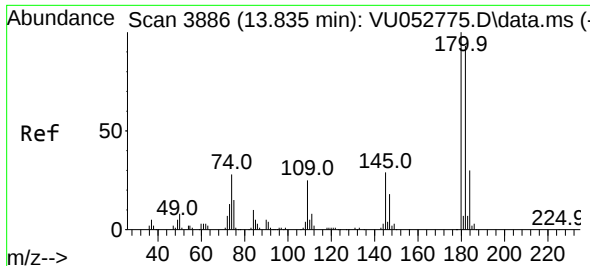
Tgt Ion:146 Resp: 120849
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.5
 148 64.0 31.4 94.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 4.989 ug/l
 RT: 12.993 min Scan# 3624
 Delta R.T. 0.000 min
 Lab File: VU052774.D
 Acq: 23 Jan 2023 12:55

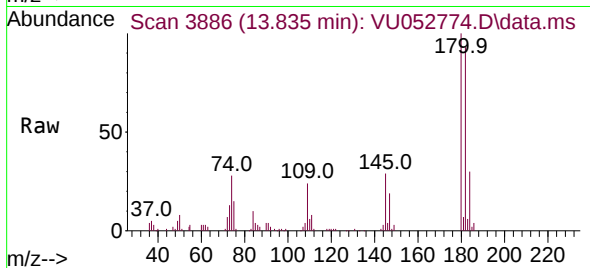
Tgt Ion: 75 Resp: 9786
 Ion Ratio Lower Upper
 75 100
 155 78.6 66.0 99.0
 157 102.9 85.9 128.9



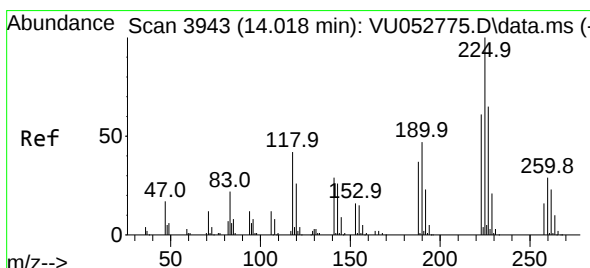
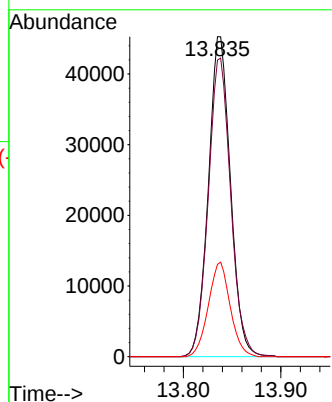
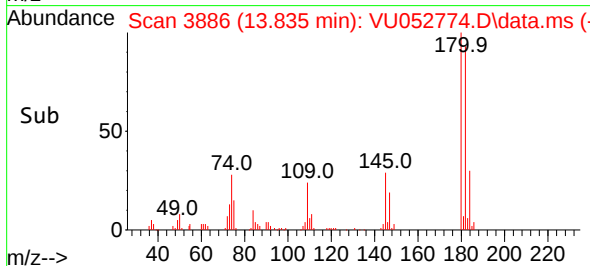


#87
1,2,4-Trichlorobenzene
Concen: 3.550 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

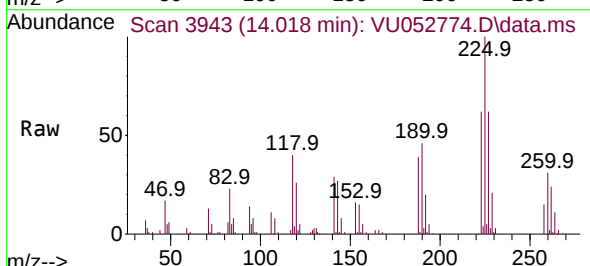
Instrument :
MSVOA_U
ClientSampleId :



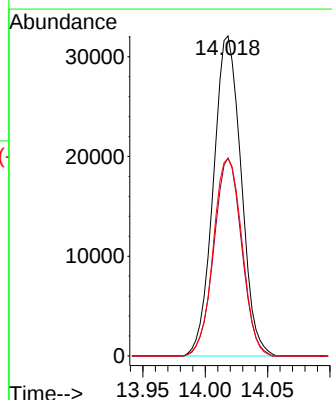
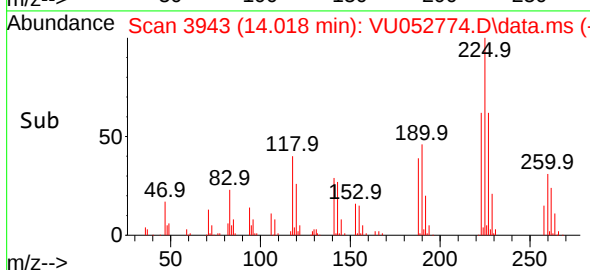
Tgt Ion:180 Resp: 71475
Ion Ratio Lower Upper
180 100
182 94.6 74.6 112.0
145 29.2 23.4 35.0

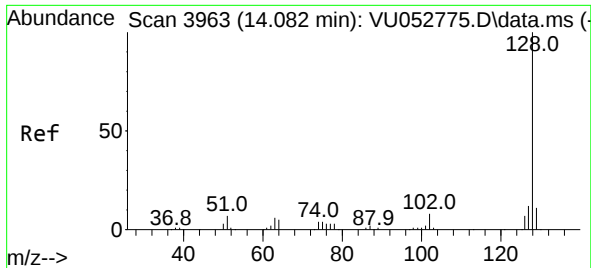


#88
Hexachlorobutadiene
Concen: 4.110 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55



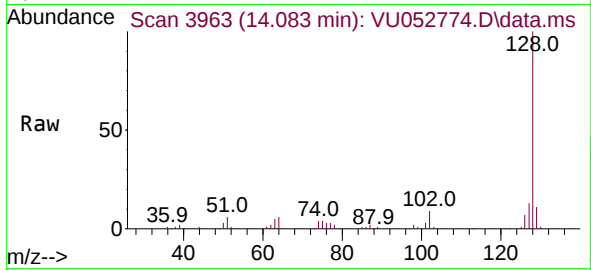
Tgt Ion:225 Resp: 49853
Ion Ratio Lower Upper
225 100
223 62.0 49.8 74.6
227 63.6 51.5 77.3



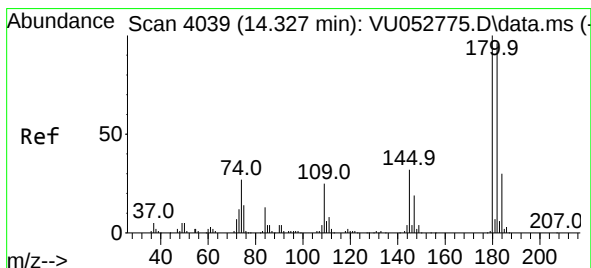
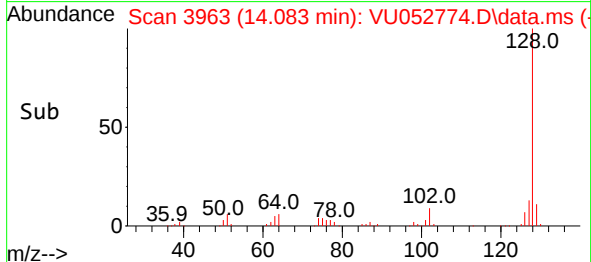
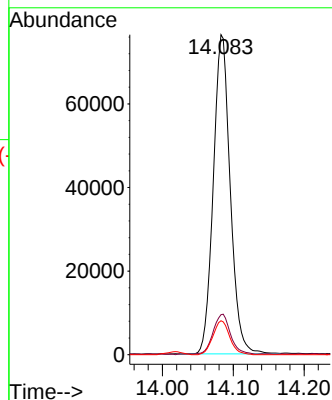


#89
Naphthalene
Concen: 4.004 ug/l
RT: 14.083 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 126700
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.5 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 3.684 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU052774.D
Acq: 23 Jan 2023 12:55

Tgt Ion:180 Resp: 69007
Ion Ratio Lower Upper
180 100
182 93.1 77.8 116.6
145 31.1 25.2 37.8

