

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
 Data File : VU051103.D
 Acq On : 04 Oct 2022 12:00
 Operator : JC/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 05 02:00:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 01:58:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	59719	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18268	0.833	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	21016	1.017	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	33956	1.532	ug/l	99
3) Chloromethane	1.523	50	50975	2.148	ug/l	98
4) Vinyl Chloride	1.604	62	46663	2.140	ug/l	99
5) Bromomethane	1.861	94	29608	2.532	ug/l	97
6) Chloroethane	1.935	64	29236	2.353	ug/l	95
7) Trichlorofluoromethane	2.141	101	48960	1.898	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	28782	2.088	ug/l	95
9) 1,1-Dichloroethene	2.581	96	32365	2.314	ug/l	98
10) Iodomethane	2.723	142	48614	2.621	ug/l	92
11) Allyl Chloride	2.925	41	53088	2.260	ug/l	93
12) Acrylonitrile	3.334	53	19463	5.080	ug/l	94
13) Acetone	2.652	43	28115	9.709	ug/l #	84
14) Carbon Disulfide	2.794	76	120383	2.556	ug/l	100
15) Methylene Chloride	3.044	84	49402	2.750	ug/l	95
16) trans-1,2-Dichloroethene	3.353	96	38077	2.570	ug/l	95
17) 1,1-Dichloroethane	3.871	63	66141	2.216	ug/l	98
18) 2-Butanone	4.736	43	40289	8.327	ug/l	97
19) Cyclohexane	5.385	56	31944	1.157	ug/l #	82
20) Methylcyclohexane	6.761	83	34810	1.275	ug/l	94
21) 2,2-Dichloropropane	4.662	77	44804	1.891	ug/l	99
22) cis-1,2-Dichloroethene	4.668	96	35757	2.022	ug/l	98
23) Diethyl Ether	2.379	59	30696	2.552	ug/l	98
24) tert-Butyl Alcohol	3.257	59	1121	0.919	ug/l #	73
25) Methyl tert-Butyl Ether	3.366	73	90074	2.324	ug/l	94
26) Bromochloromethane	4.977	128	17922	2.363	ug/l	92
27) Chloroform	5.089	83	68321	2.308	ug/l	100
28) 1,1,1-Trichloroethane	5.314	97	51388	2.010	ug/l	96
29) 1,1-Dichloropropene	5.527	75	38110	1.670	ug/l	98
30) Carbon Tetrachloride	5.523	117	43214	2.013	ug/l	100
31) Isopropyl Ether	3.999	45	85440	1.731	ug/l	85
32) Ethyl-t-butyl ether	4.510	59	72325	1.559	ug/l	95
33) Tert-Amyl methyl ether	5.945	73	60054	1.472	ug/l	96
34) Propionitrile	4.816	54	11696	8.387	ug/l #	76
35) Benzene	5.774	78	140984	2.137	ug/l	98
36) 1,2-Dichloroethane	5.797	62	44490	2.338	ug/l	99
37) Trichloroethene	6.543	130	33018	1.996	ug/l	97
38) 1,2-Dichloropropane	6.793	63	37528	2.130	ug/l	100
39) Methacrylonitrile	4.983	41	9951	1.686	ug/l #	95
40) Methyl acrylate	4.858	55	17257	1.864	ug/l #	93
41) Tetrahydrofuran	5.080	42	8745	2.505	ug/l #	88
42) 1-Chlorobutane	5.459	56	55182	1.728	ug/l	96
43) Dibromomethane	6.922	93	20711	2.343	ug/l	97
44) Bromodichloromethane	7.105	83	48148	2.293	ug/l	99

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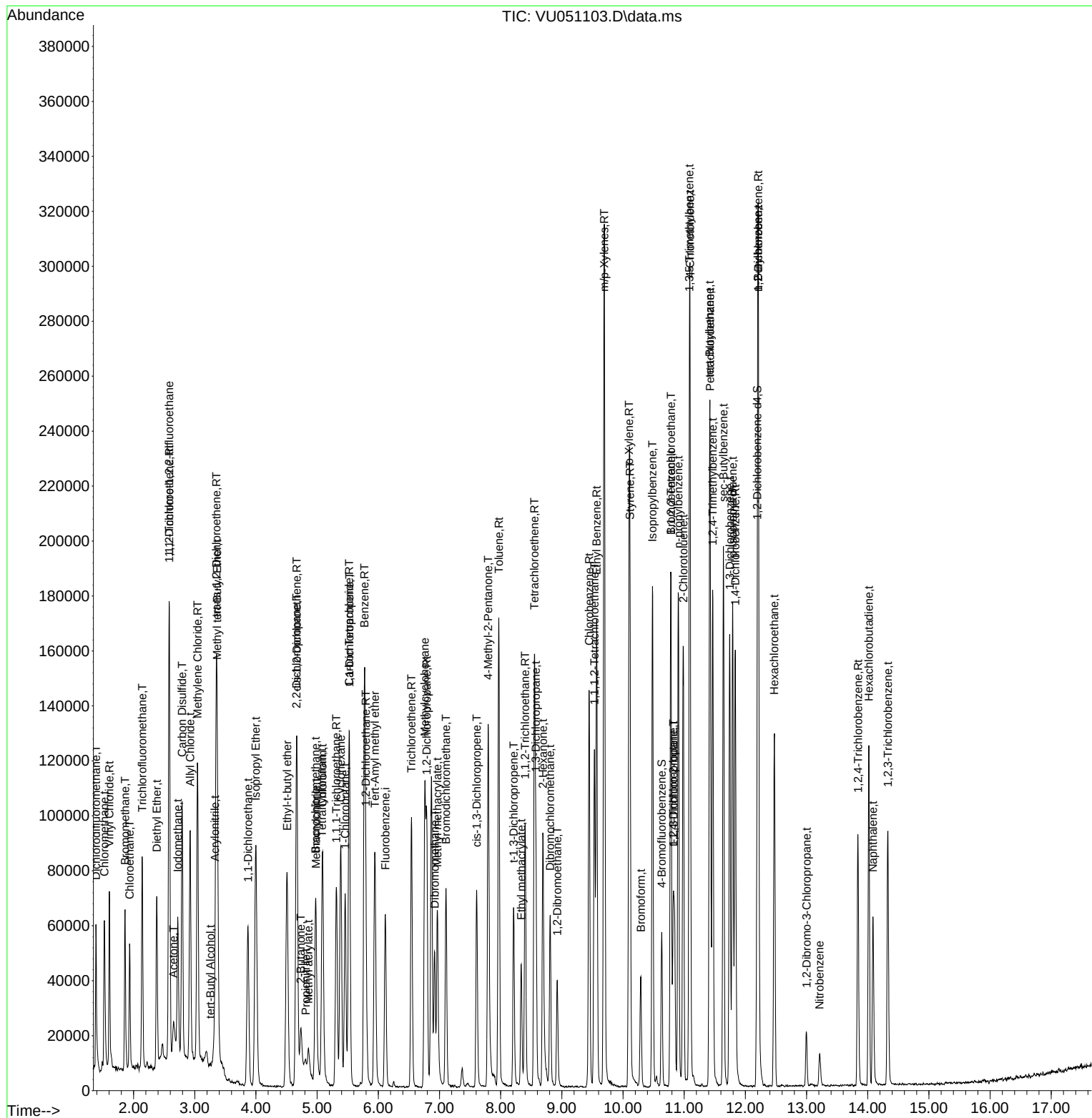
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 MSVOA_U
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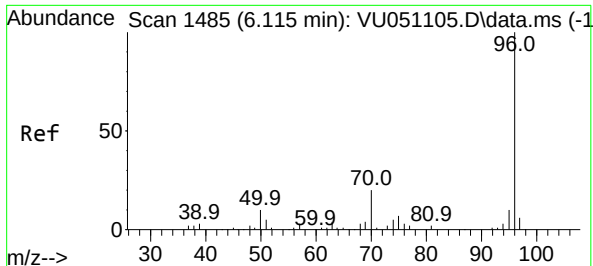
Quant Time: Oct 05 02:00:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 01:58:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	94551	8.140	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	38819	10.324	ug/l #	49
47) Methyl methacrylate	6.967	69	29662	3.401	ug/l	97
48) Ethyl methacrylate	8.337	69	25172	1.475	ug/l	100
49) Toluene	7.970	92	71839	1.794	ug/l	96
50) t-1,3-Dichloropropene	8.211	75	37525	1.891	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	43070	1.843	ug/l	100
52) 1,1,2-Trichloroethane	8.401	97	29290	2.390	ug/l	95
53) 1,3-Dichloropropane	8.575	76	46902	2.155	ug/l	99
54) 2-Hexanone	8.690	43	65987	8.146	ug/l	95
55) Dibromochloromethane	8.809	129	30940	2.240	ug/l	98
56) 1,2-Dibromoethane	8.925	107	27226	2.306	ug/l	97
58) Tetrachloroethene	8.552	164	33159	2.319	ug/l	96
59) Chlorobenzene	9.446	112	79339	1.893	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.533	131	32569	2.178	ug/l	96
61) Pentachloroethane	11.423	117	23142	2.060	ug/l #	81
62) Hexachloroethane	12.472	117	25694	2.212	ug/l	96
63) Ethyl Benzene	9.568	91	112062	1.502	ug/l	100
64) m/p-Xylenes	9.694	106	89607	3.192	ug/l	93
65) o-Xylene	10.099	106	45215	1.650	ug/l	95
66) Styrene	10.115	104	70315	1.582	ug/l	97
67) Bromoform	10.292	173	18304	2.308	ug/l	97
69) Isopropylbenzene	10.481	105	106778	1.476	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	36546	2.285	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	38819	2.917	ug/l #	52
72) Bromobenzene	10.784	156	32955	1.983	ug/l	99
73) n-propylbenzene	10.903	120	28341	1.529	ug/l	97
74) 2-Chlorotoluene	10.986	126	30446	1.830	ug/l	92
75) 1,3,5-Trimethylbenzene	11.086	105	95562	1.556	ug/l	99
76) 4-Chlorotoluene	11.095	126	28468	1.686	ug/l	94
77) tert-Butylbenzene	11.417	119	90909	1.525	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	96222	1.547	ug/l	99
79) sec-Butylbenzene	11.642	105	122561	1.549	ug/l	100
80) Nitrobenzene	13.214	77	7720	11.458	ug/l	97
81) p-Isopropyltoluene	11.793	119	90768	1.417	ug/l	98
82) 1,3-Dichlorobenzene	11.745	146	68457	2.108	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	66712	2.023	ug/l	97
84) n-Butylbenzene	12.208	91	80868	1.370	ug/l	95
85) 1,2-Dichlorobenzene	12.211	146	66173	2.085	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	5725	2.088	ug/l	88
87) 1,2,4-Trichlorobenzene	13.841	180	30043	1.492	ug/l	97
88) Hexachlorobutadiene	14.018	225	22409	2.087	ug/l	98
89) Naphthalene	14.086	128	53723	1.284	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	30568	1.556	ug/l	97

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

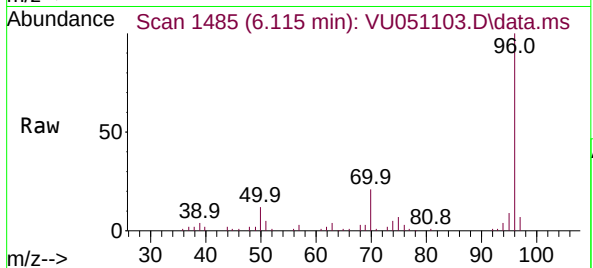
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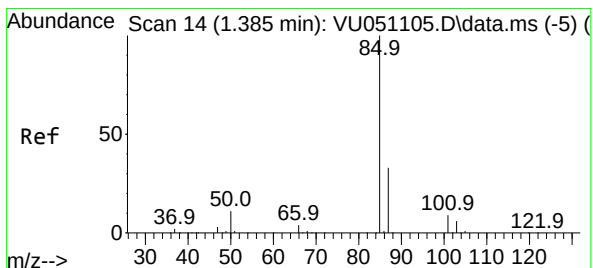
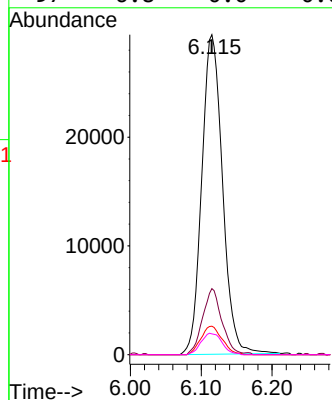
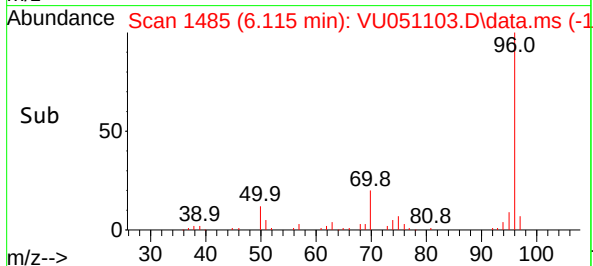


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Instrument :
MSVOA_U
ClientSampleId :

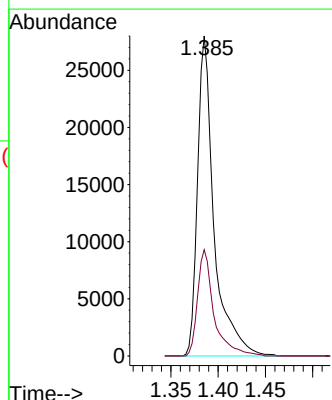
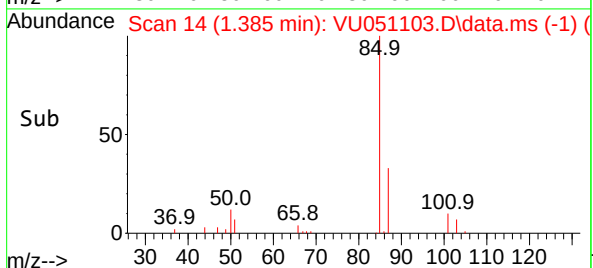
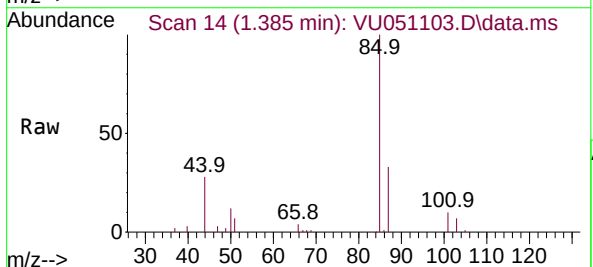


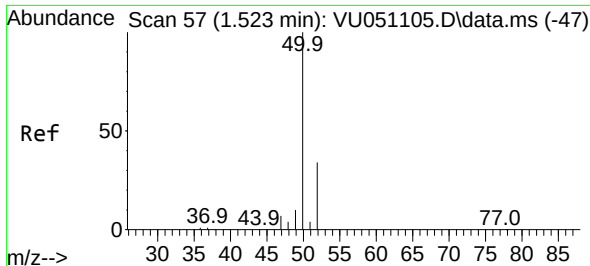
Tgt Ion: 96 Resp: 59719
Ion Ratio Lower Upper
96 100
70 18.5 16.7 25.1
95 9.2 7.4 11.0
97 6.8 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.532 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 85 Resp: 33956
Ion Ratio Lower Upper
85 100
87 33.2 16.3 48.8

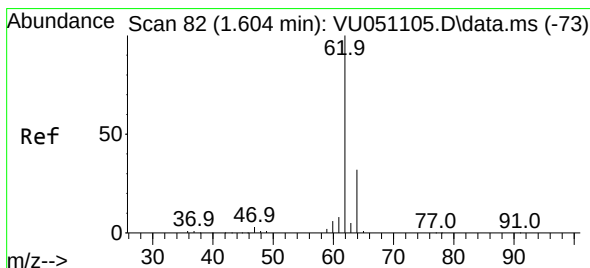
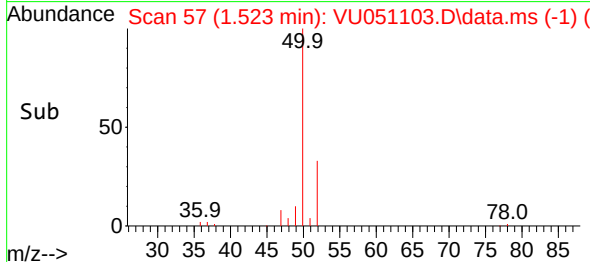
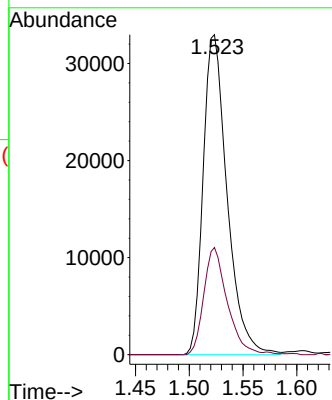
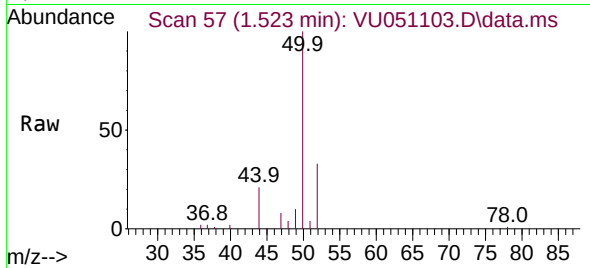




#3
Chloromethane
Concen: 2.148 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

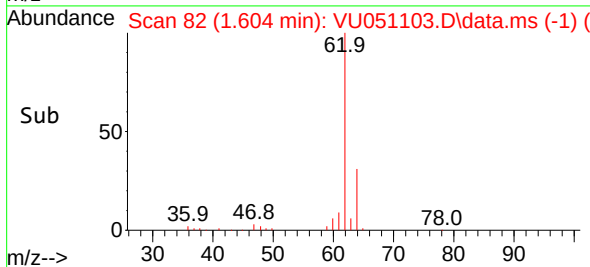
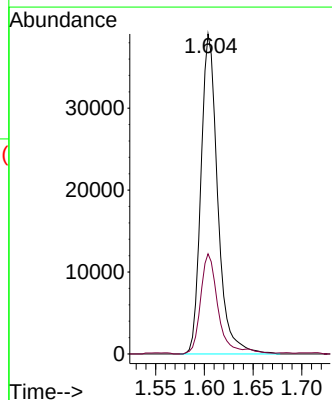
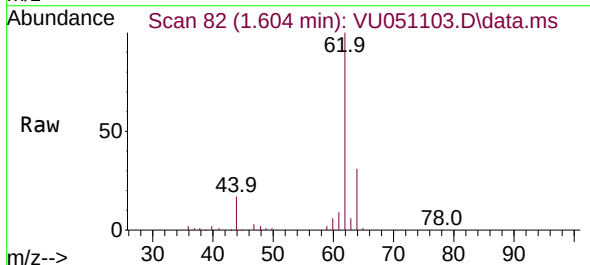
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ClientSampleId :

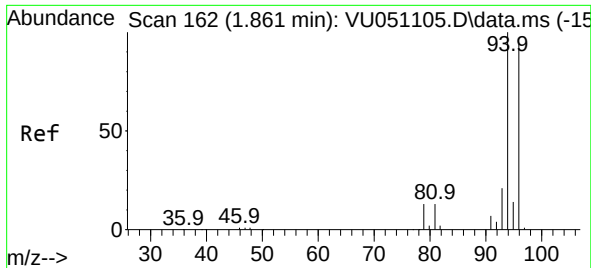
Tgt Ion: 50 Resp: 50975
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1



#4
Vinyl Chloride
Concen: 2.140 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 62 Resp: 46663
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3

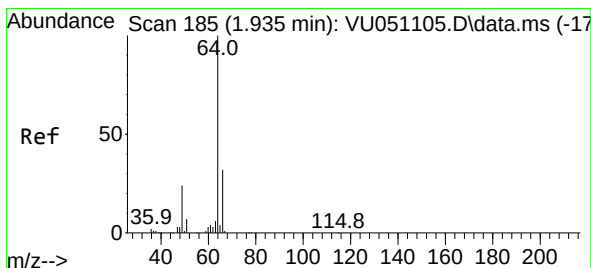
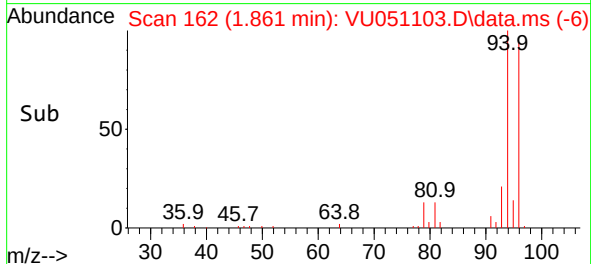
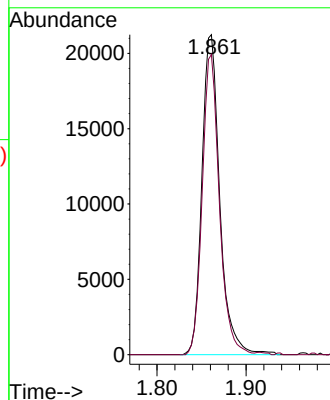
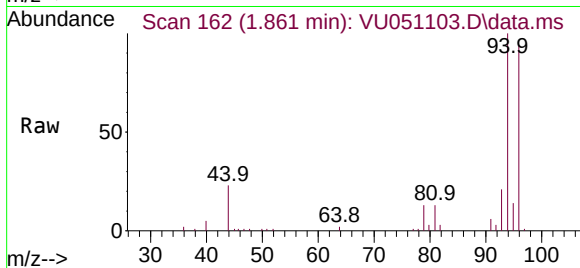




#5
Bromomethane
Concen: 2.532 ug/l
RT: 1.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

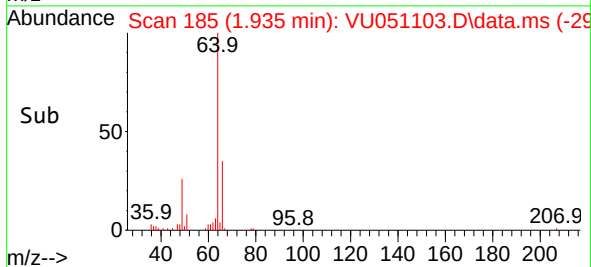
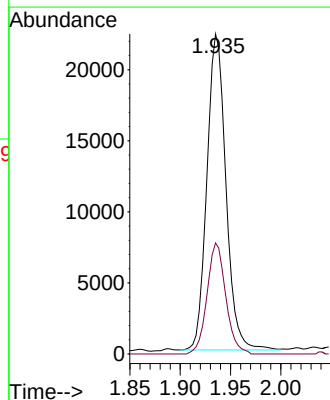
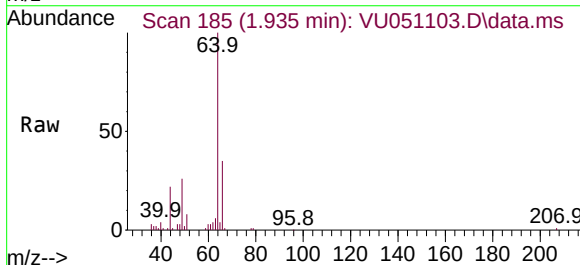
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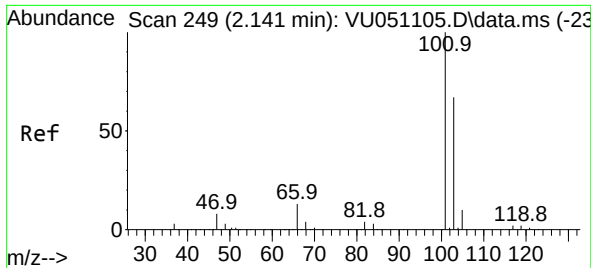
Tgt Ion: 94 Resp: 29608
Ion Ratio Lower Upper
94 100
96 93.8 73.0 109.6



#6
Chloroethane
Concen: 2.353 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 64 Resp: 29236
Ion Ratio Lower Upper
64 100
66 35.2 25.8 38.6

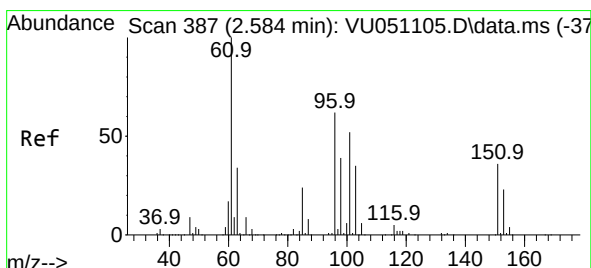
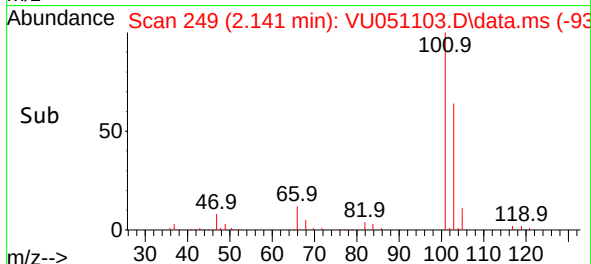
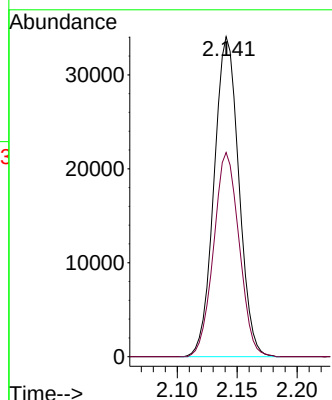
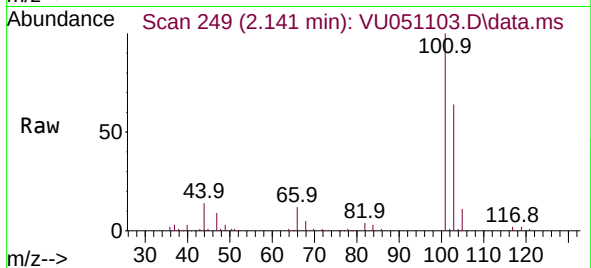




#7
 Trichlorofluoromethane
 Concen: 1.898 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU051103.D
 Acq: 04 Oct 2022 12:00

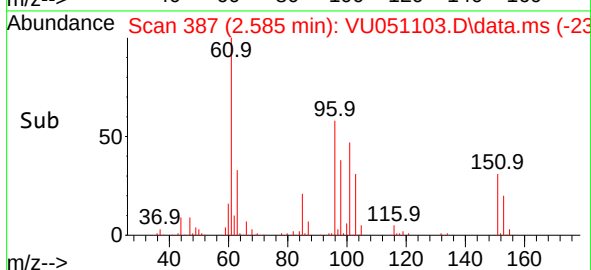
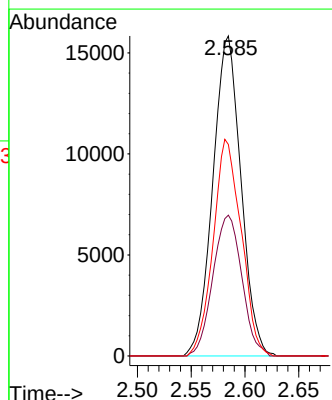
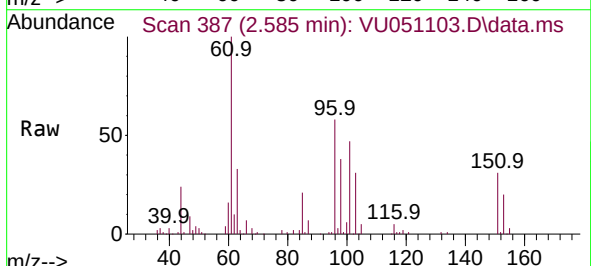
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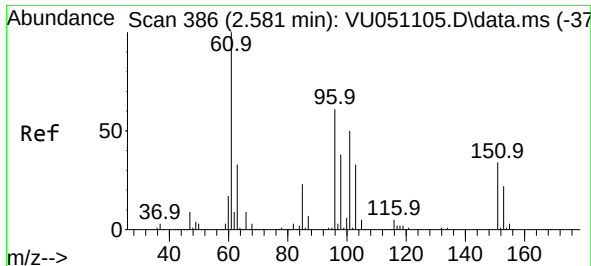
Tgt Ion:101 Resp: 48960
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.088 ug/l
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU051103.D
 Acq: 04 Oct 2022 12:00

Tgt Ion:101 Resp: 28782
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.4 54.6
 151 67.6 59.1 88.7

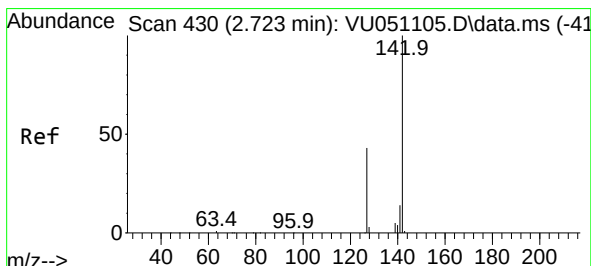
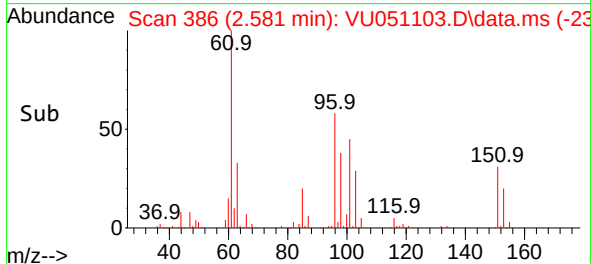
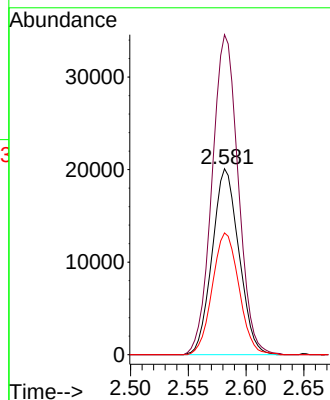
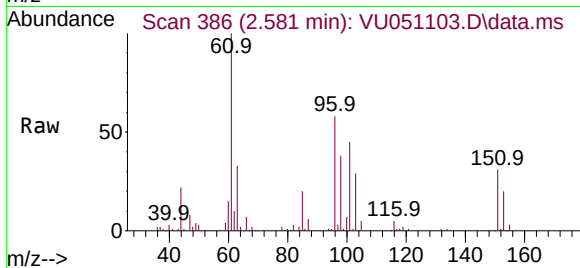




#9
1,1-Dichloroethene
Concen: 2.314 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

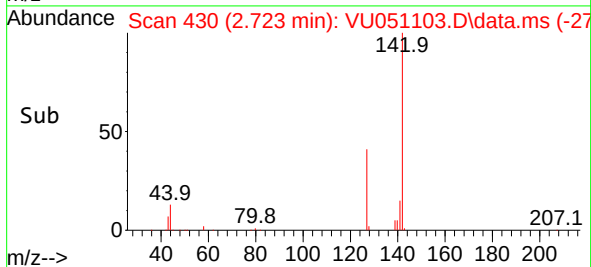
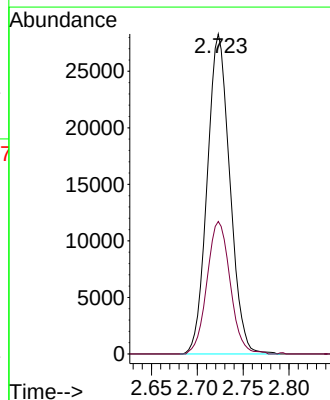
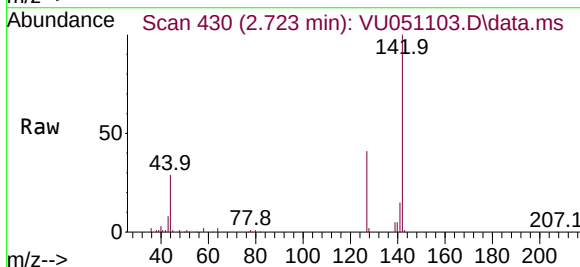
Instrument :
MSVOA_U
ClientSampleId :

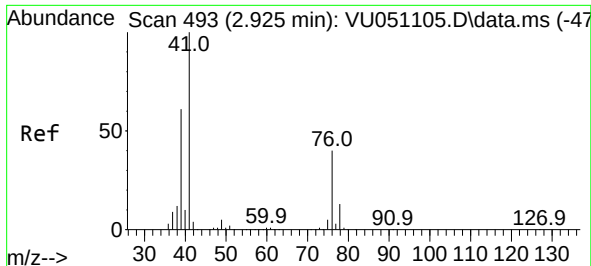
Tgt Ion: 96 Resp: 32365
Ion Ratio Lower Upper
96 100
61 172.2 0.0 510.6
98 65.6 0.0 124.6



#10
Iodomethane
Concen: 2.621 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 142 Resp: 48614
Ion Ratio Lower Upper
142 100
127 42.4 38.2 57.2





#11

Allyl Chloride

Concen: 2.260 ug/l

RT: 2.925 min Scan# 493

Delta R.T. 0.000 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

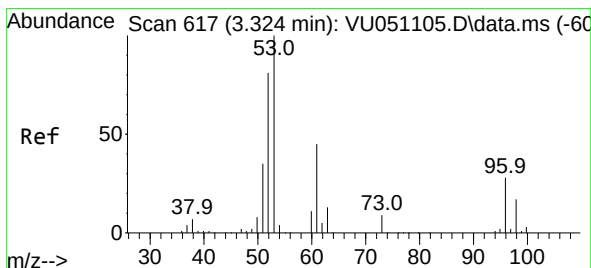
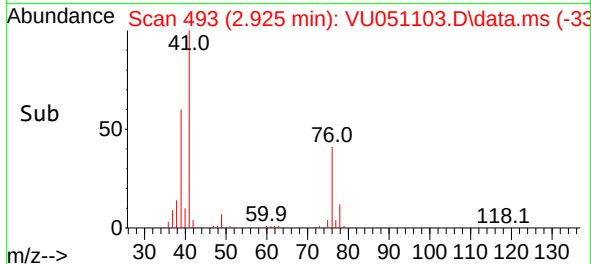
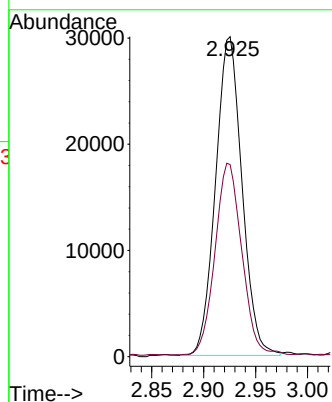
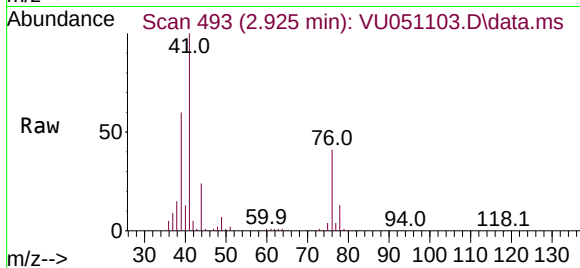
ClientSampleId :

Tgt Ion: 41 Resp: 53088

Ion Ratio Lower Upper

41 100

39 60.7 53.2 79.8



#12

Acrylonitrile

Concen: 5.080 ug/l

RT: 3.334 min Scan# 620

Delta R.T. 0.010 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

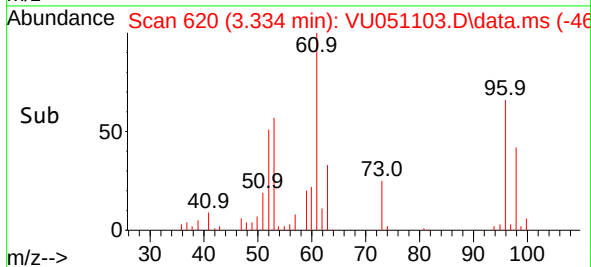
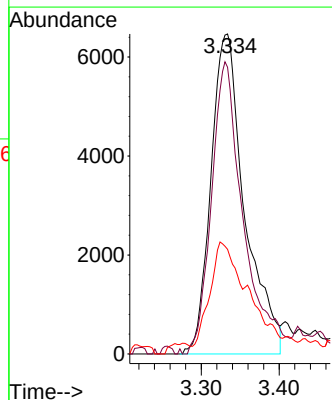
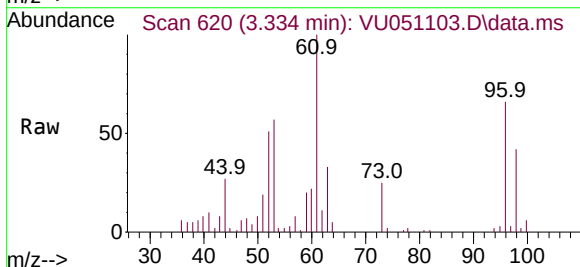
Tgt Ion: 53 Resp: 19463

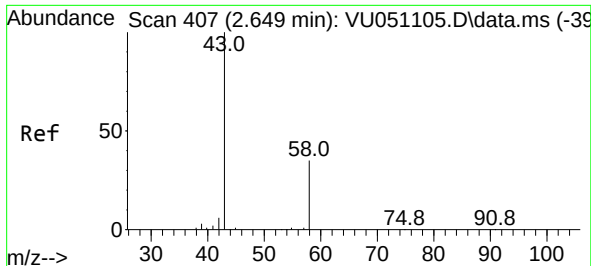
Ion Ratio Lower Upper

53 100

52 86.4 64.6 97.0

51 35.5 30.7 46.1





#13

Acetone

Concen: 9.709 ug/l

RT: 2.652 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

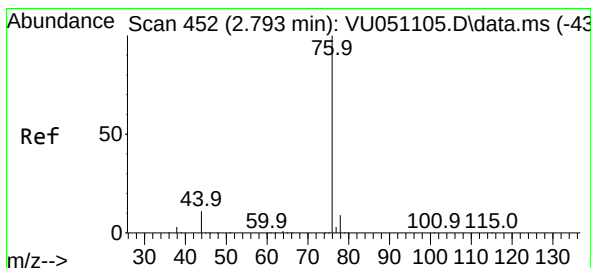
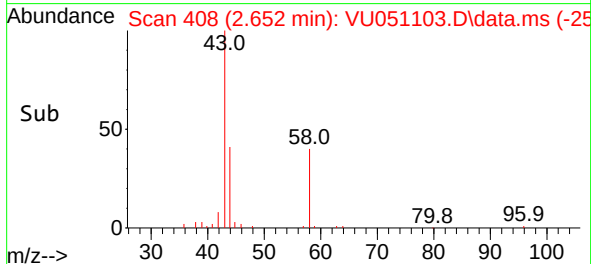
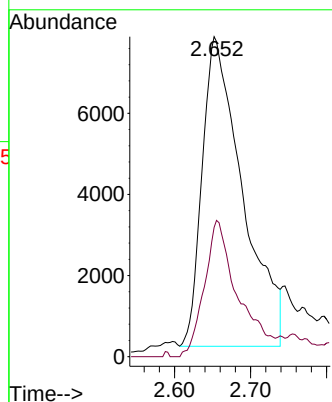
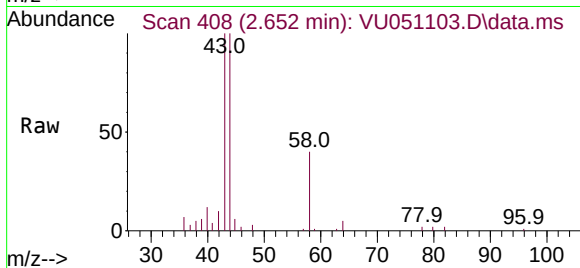
ClientSampleId :

Tgt Ion: 43 Resp: 28115

Ion Ratio Lower Upper

43 100

58 41.8 26.2 39.2#



#14

Carbon Disulfide

Concen: 2.556 ug/l

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU051103.D

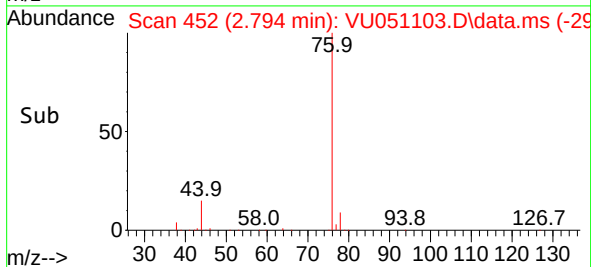
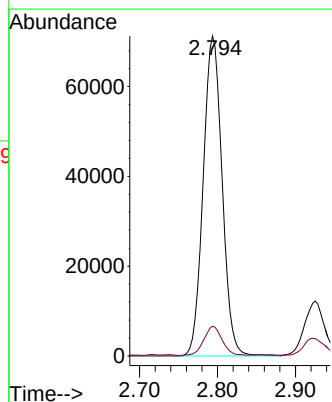
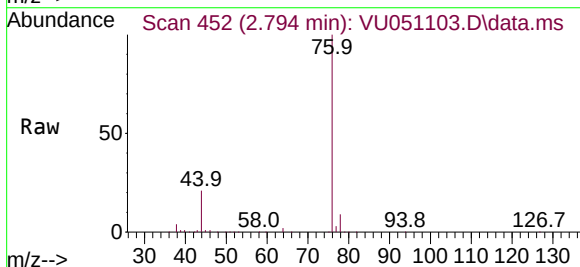
Acq: 04 Oct 2022 12:00

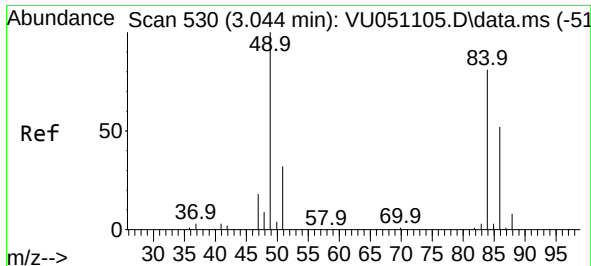
Tgt Ion: 76 Resp: 120383

Ion Ratio Lower Upper

76 100

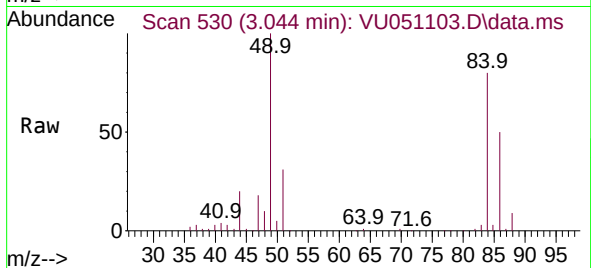
78 9.1 7.4 11.0





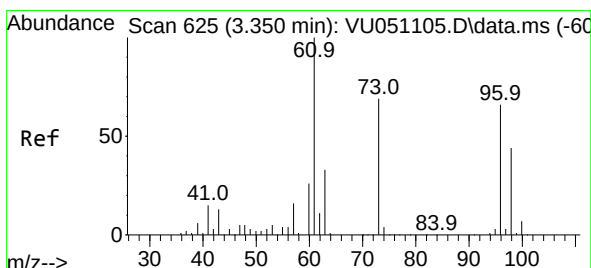
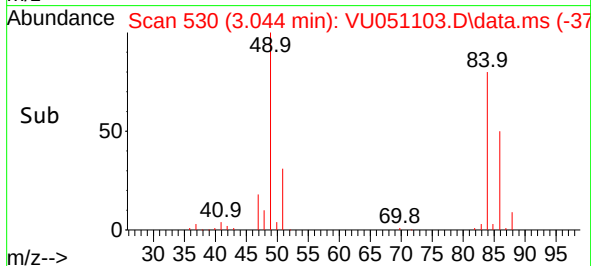
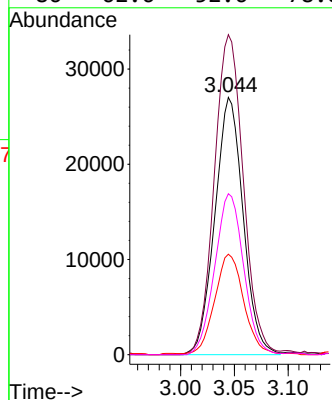
#15
Methylene Chloride
Concen: 2.750 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 49402

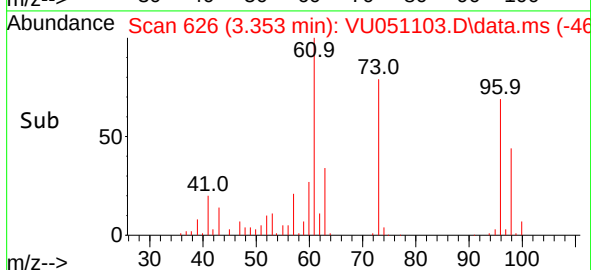
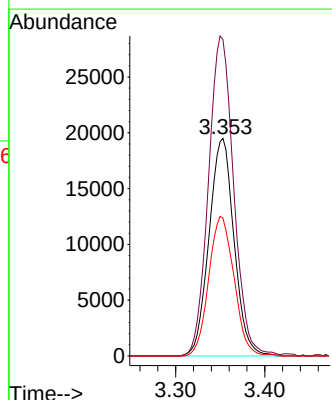
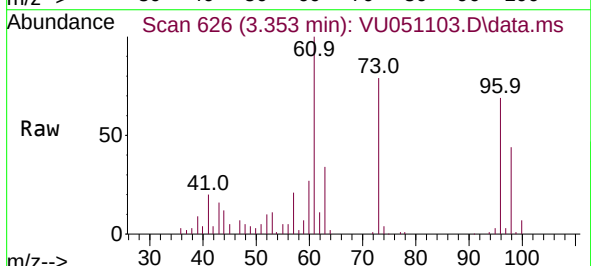
Ion	Ratio	Lower	Upper
84	100		
49	124.4	104.6	157.0
51	38.7	0.0	81.4
86	62.6	52.6	78.8

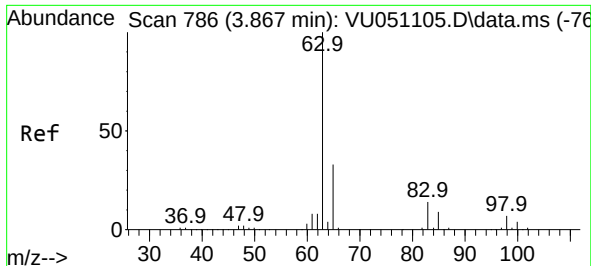


#16
trans-1,2-Dichloroethene
Concen: 2.570 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 96 Resp: 38077

Ion	Ratio	Lower	Upper
96	100		
61	145.5	123.4	185.0
98	63.4	51.6	77.4

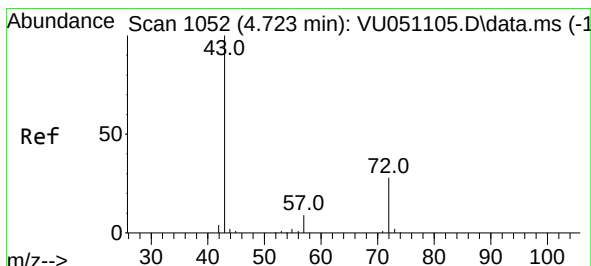
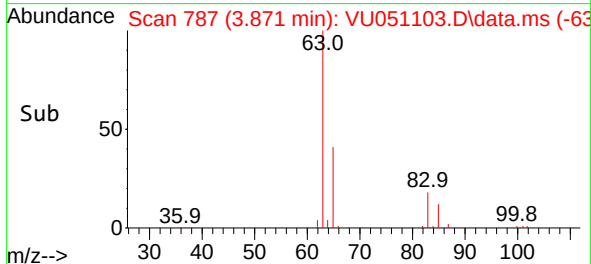
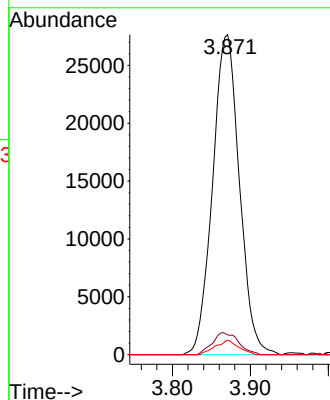
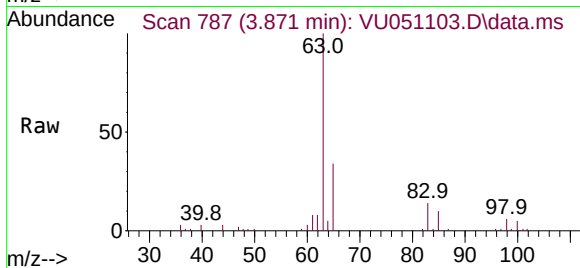




#17
1,1-Dichloroethane
Concen: 2.216 ug/l
RT: 3.871 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

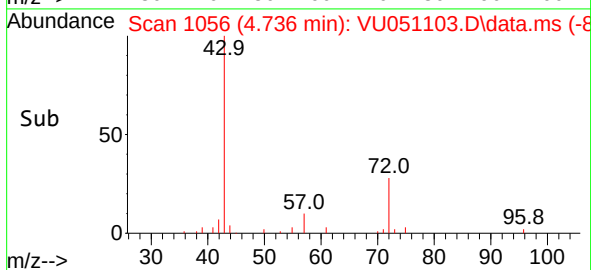
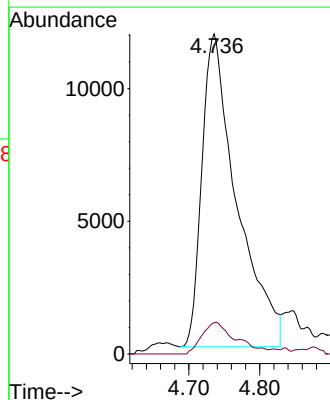
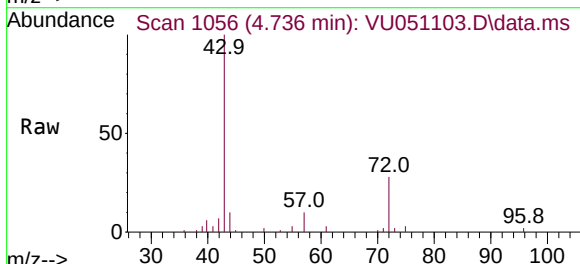
Instrument :
MSVOA_U
ClientSampleId :

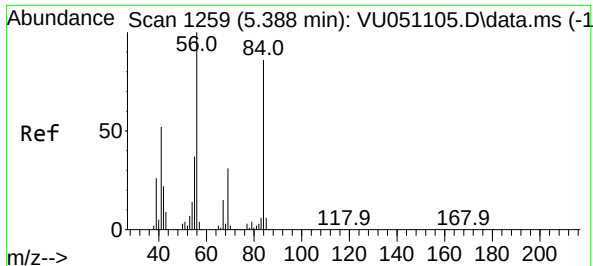
Tgt Ion: 63 Resp: 66141
Ion Ratio Lower Upper
63 100
98 6.2 3.4 10.2
100 4.5 2.0 6.0



#18
2-Butanone
Concen: 8.327 ug/l
RT: 4.736 min Scan# 1056
Delta R.T. 0.013 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 43 Resp: 40289
Ion Ratio Lower Upper
43 100
57 10.0 0.0 18.0





#19

Cyclohexane

Concen: 1.157 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051103.D

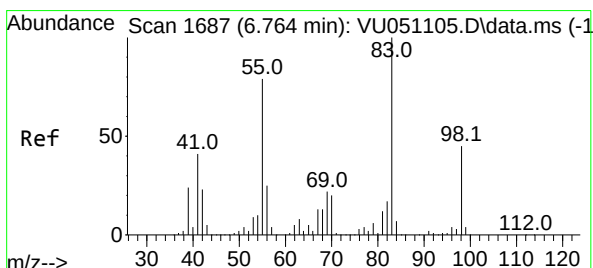
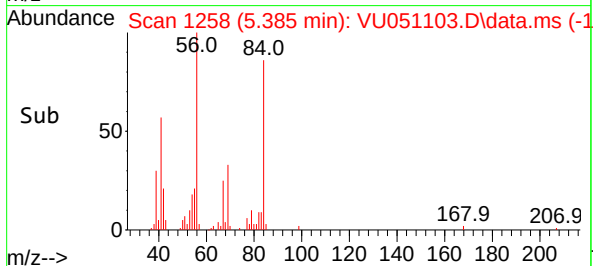
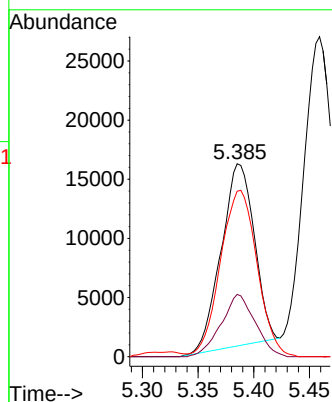
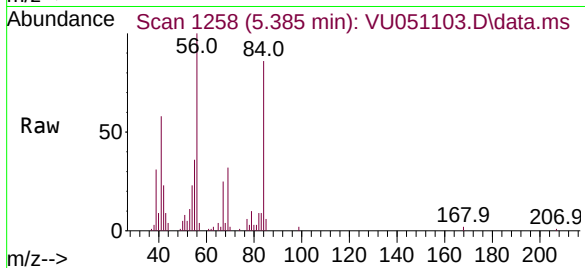
Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	31944
Ion	Ratio	Lower	Upper
56	100		
69	35.0	24.2	36.4
84	98.8	63.4	95.2#



#20

Methylcyclohexane

Concen: 1.275 ug/l

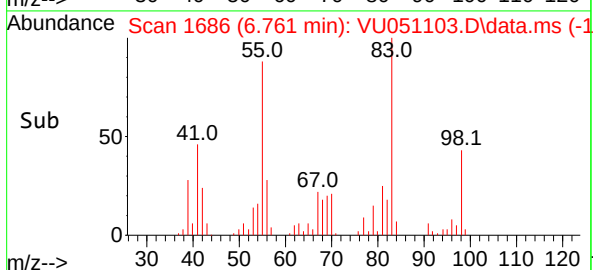
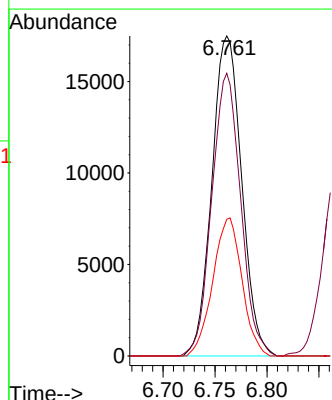
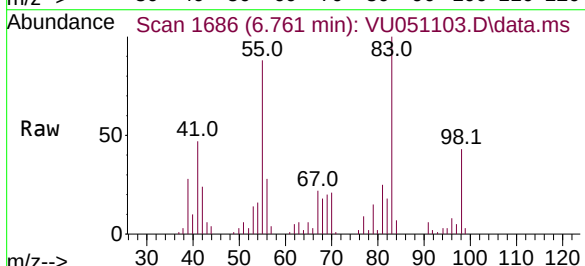
RT: 6.761 min Scan# 1686

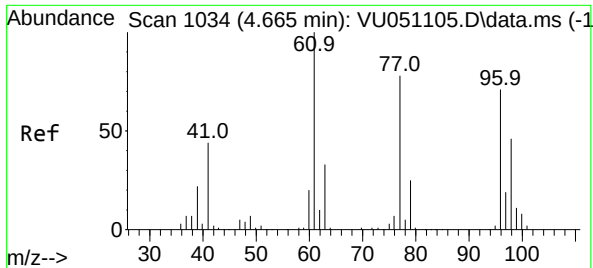
Delta R.T. -0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Tgt Ion:	83	Resp:	34810
Ion	Ratio	Lower	Upper
83	100		
55	85.8	63.0	94.4
98	42.3	35.7	53.5





#21

2,2-Dichloropropane

Concen: 1.891 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

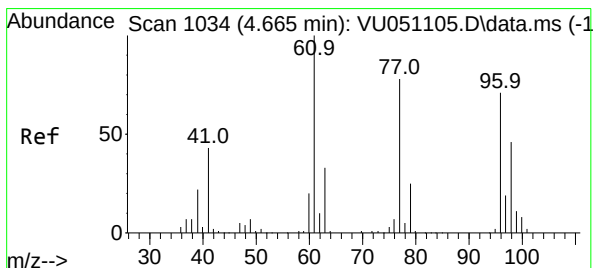
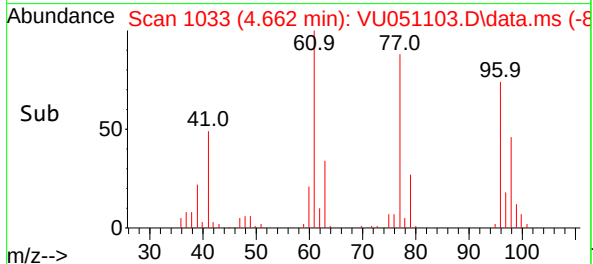
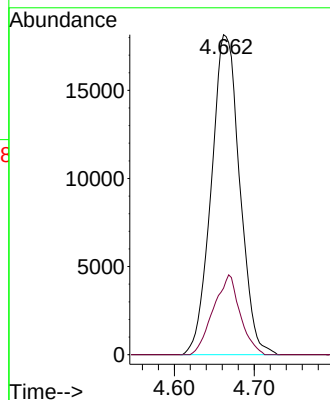
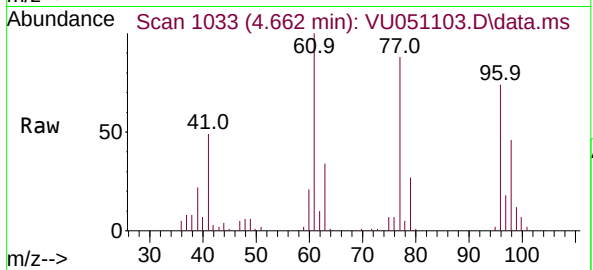
ClientSampleId :

Tgt Ion: 77 Resp: 44804

Ion Ratio Lower Upper

77 100

97 23.4 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 2.022 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

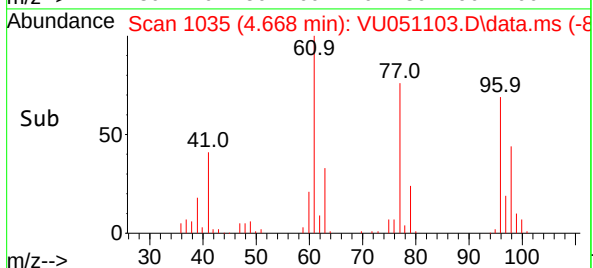
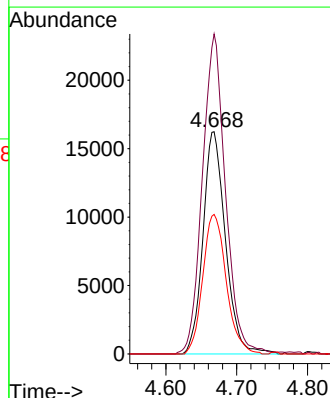
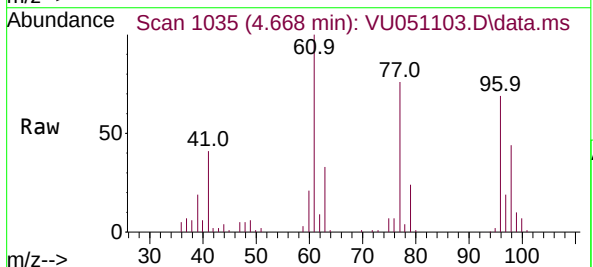
Tgt Ion: 96 Resp: 35757

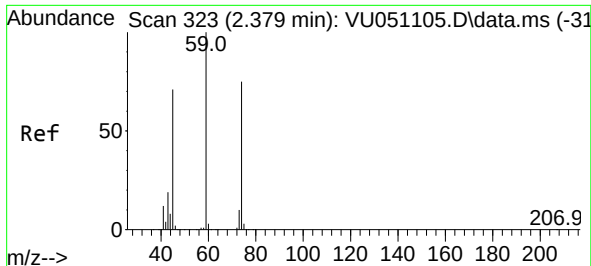
Ion Ratio Lower Upper

96 100

61 148.1 0.0 375.8

98 65.6 31.6 95.0

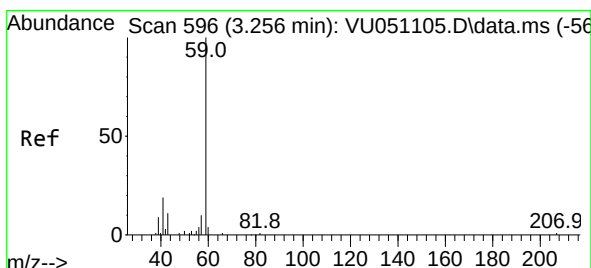
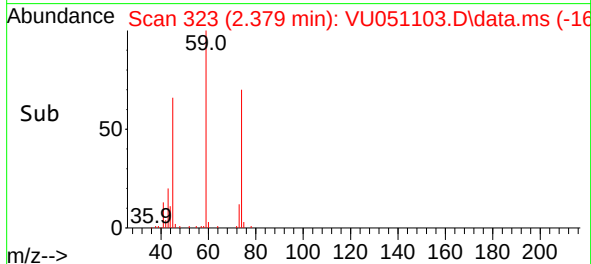
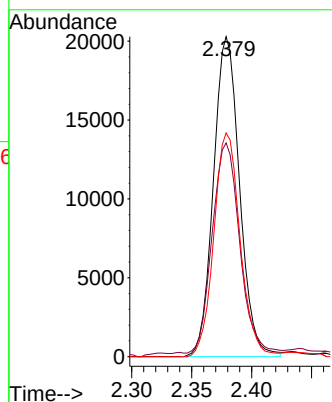
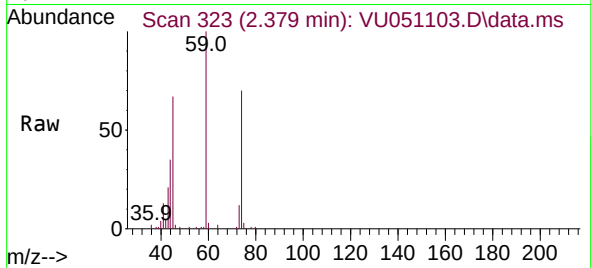




#23
Diethyl Ether
Concen: 2.552 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

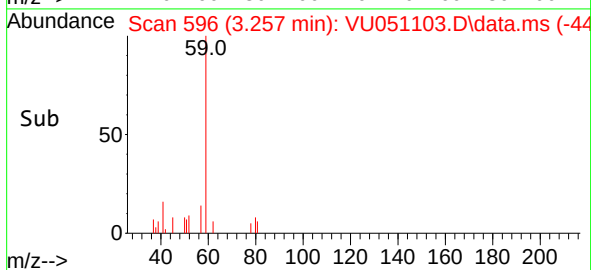
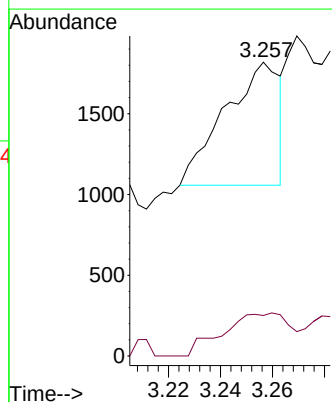
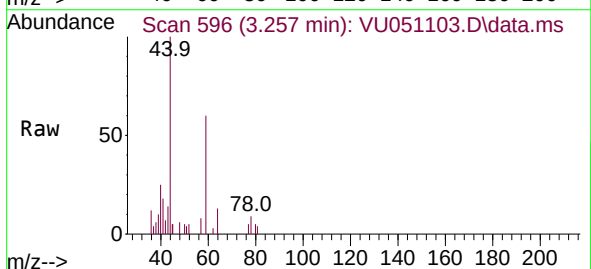
Instrument :
MSVOA_U
ClientSampleId :

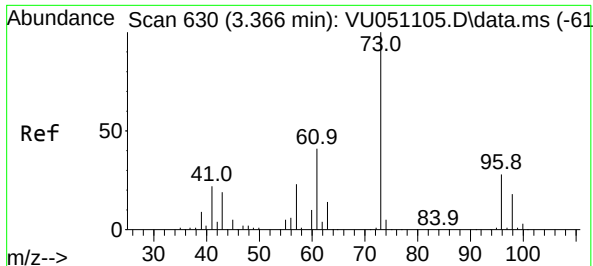
Tgt Ion: 59 Resp: 30696
Ion Ratio Lower Upper
59 100
45 68.8 56.0 84.0
74 70.4 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 0.919 ug/l
RT: 3.257 min Scan# 596
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 59 Resp: 1121
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#25

Methyl tert-Butyl Ether

Concen: 2.324 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

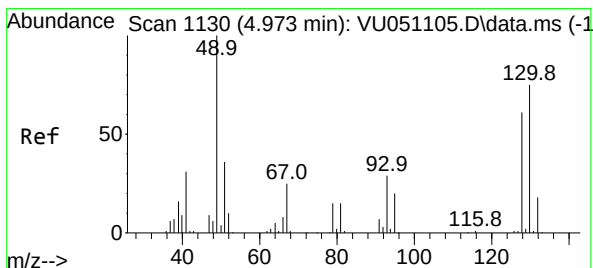
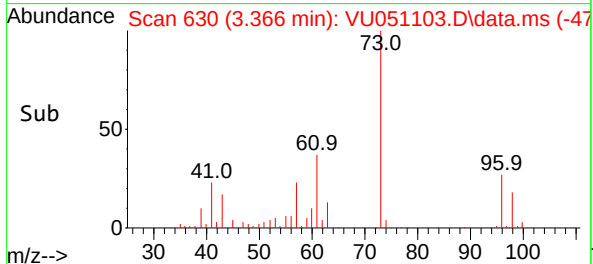
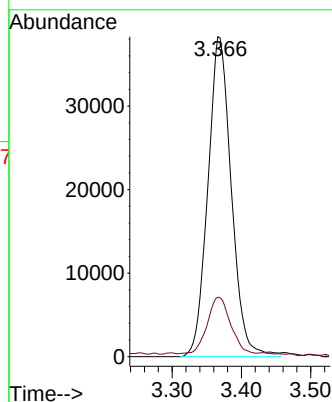
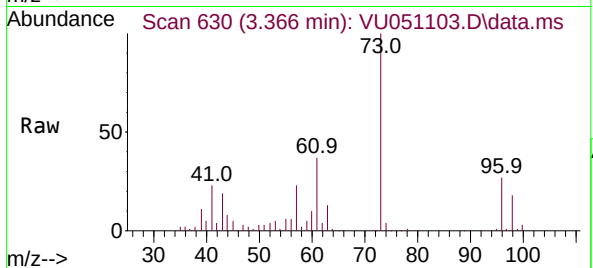
ClientSampleId :

Tgt Ion: 73 Resp: 90074

Ion Ratio Lower Upper

73 100

43 16.9 15.9 23.9



#26

Bromochloromethane

Concen: 2.363 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

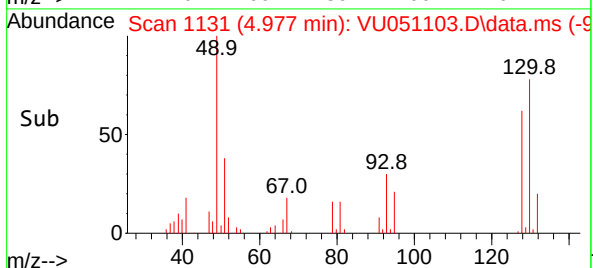
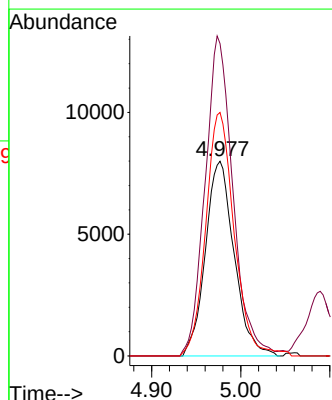
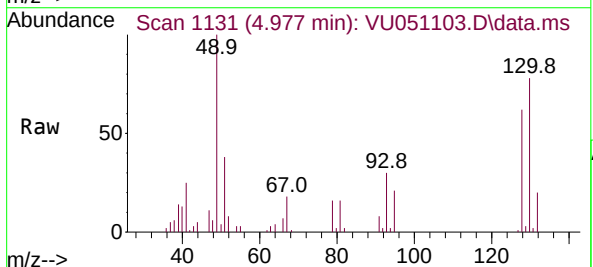
Tgt Ion: 128 Resp: 17922

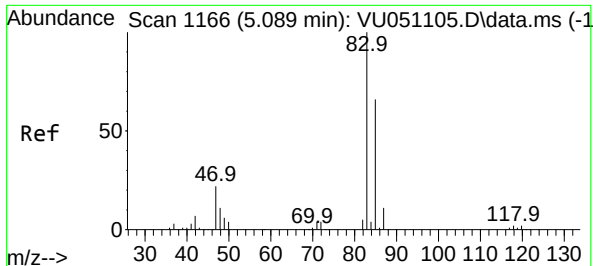
Ion Ratio Lower Upper

128 100

49 158.7 0.0 349.2

130 123.7 103.0 154.6





#27

Chloroform

Concen: 2.308 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

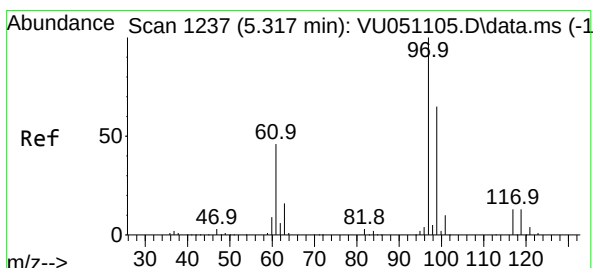
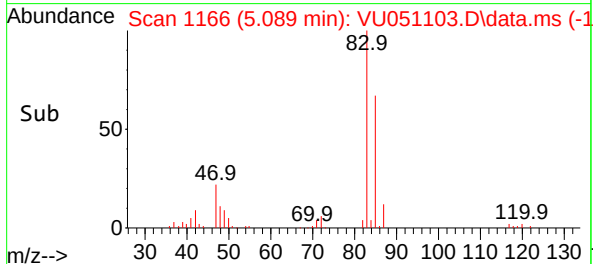
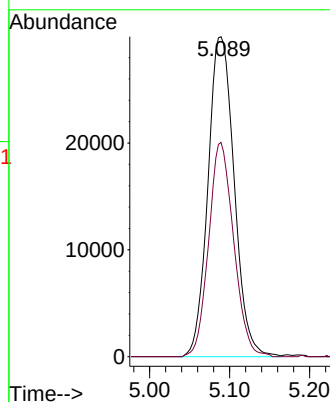
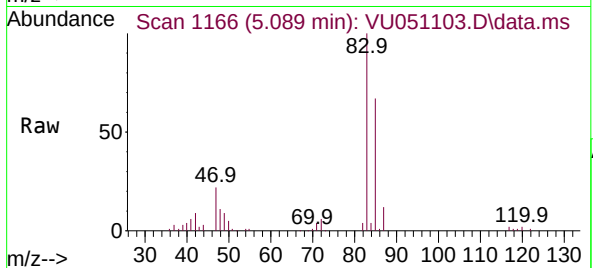
ClientSampleId :

Tgt Ion: 83 Resp: 68321

Ion Ratio Lower Upper

83 100

85 66.9 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 2.010 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

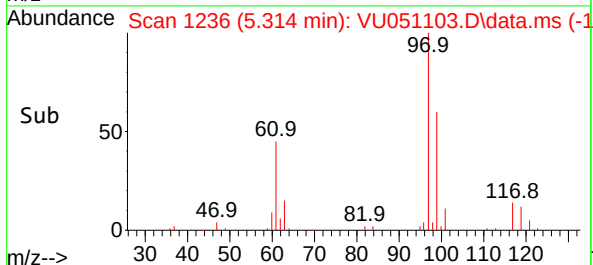
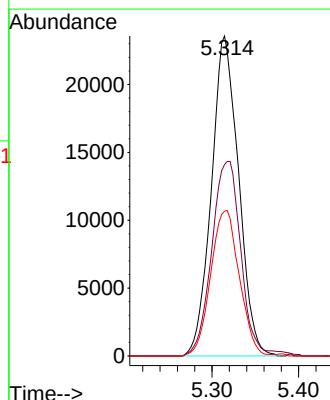
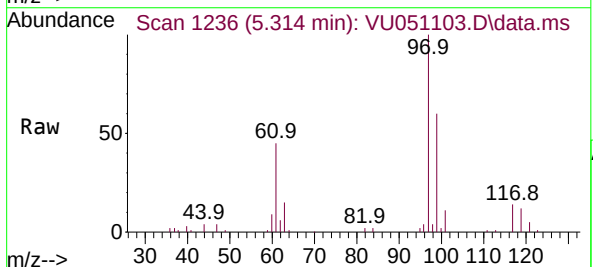
Tgt Ion: 97 Resp: 51388

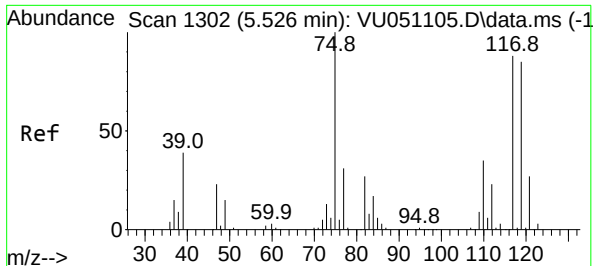
Ion Ratio Lower Upper

97 100

99 65.5 32.1 96.5

61 47.9 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.670 ug/l

RT: 5.527 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

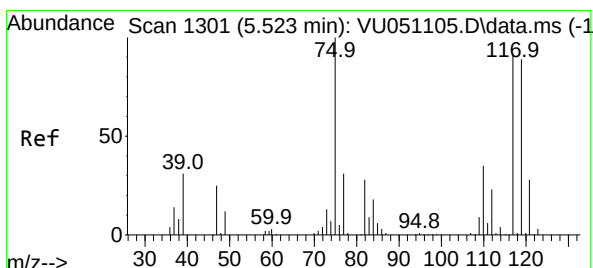
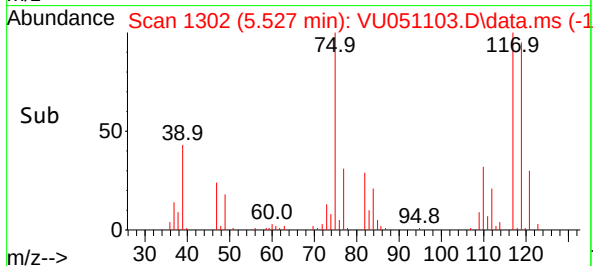
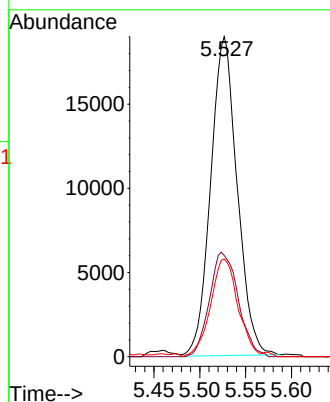
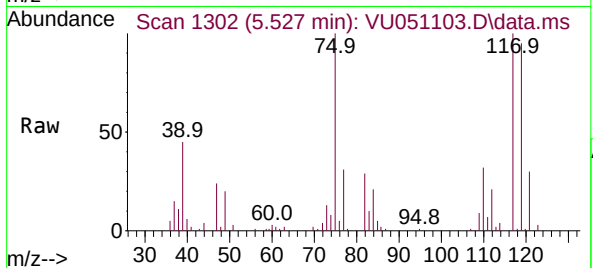
Tgt Ion: 75 Resp: 38110

Ion Ratio Lower Upper

75 100

110 35.6 17.3 52.0

77 31.7 24.6 37.0



#30

Carbon Tetrachloride

Concen: 2.013 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

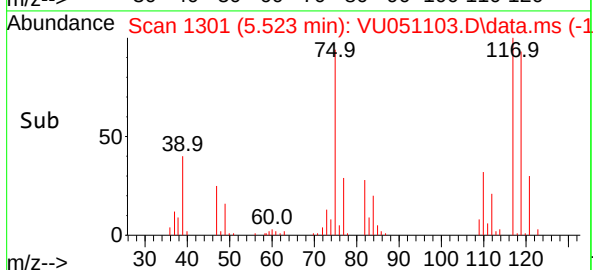
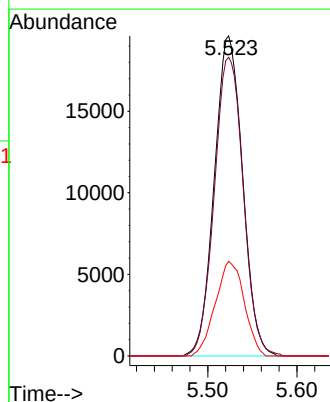
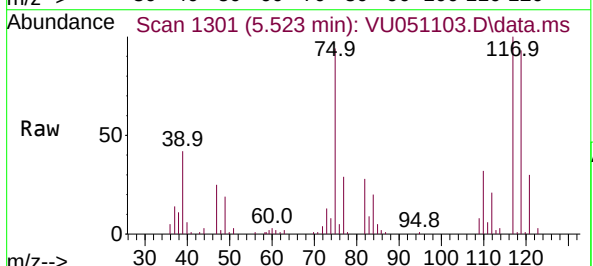
Tgt Ion: 117 Resp: 43214

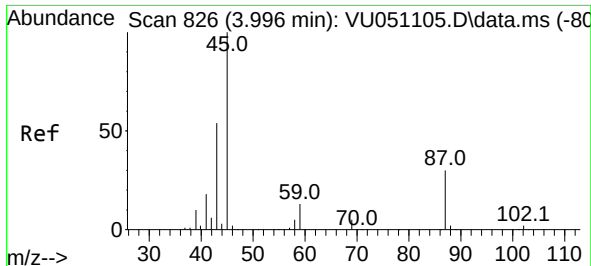
Ion Ratio Lower Upper

117 100

119 93.4 74.6 112.0

121 29.6 24.2 36.4

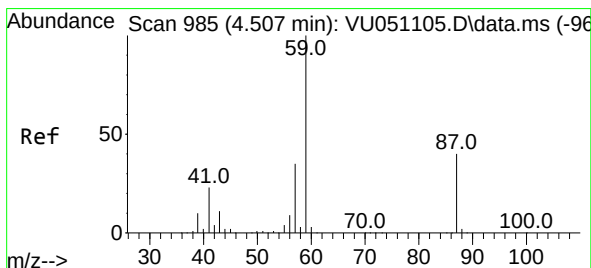
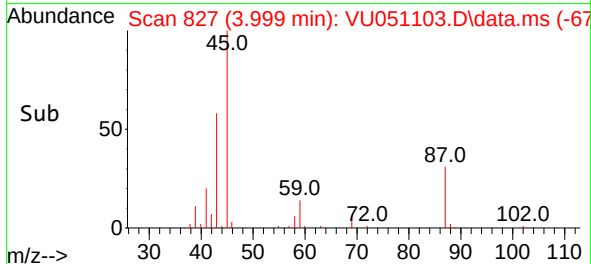
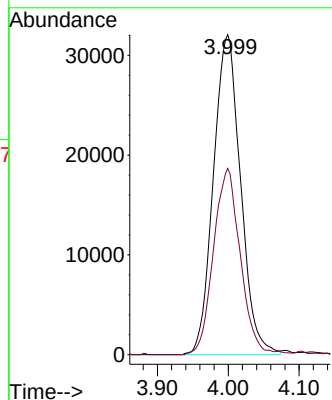
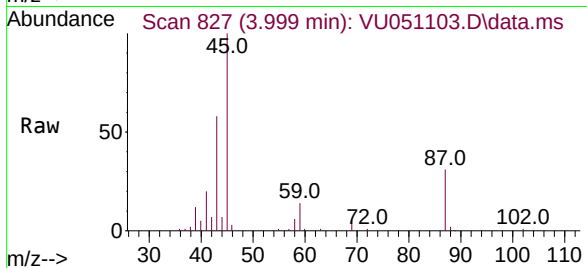




#31
Isopropyl Ether
Concen: 1.731 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

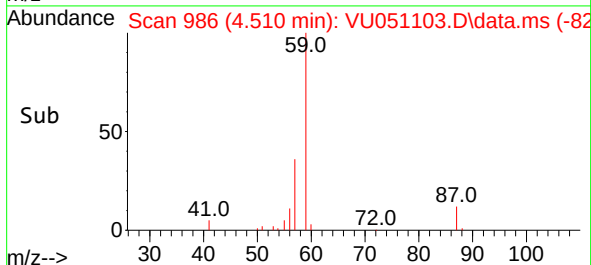
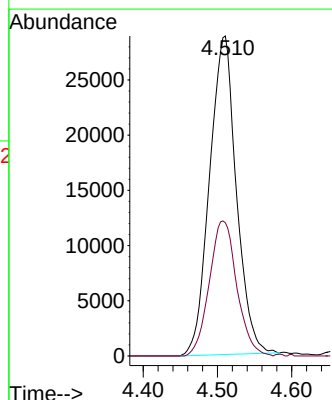
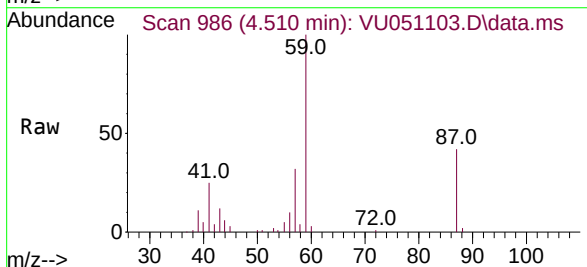
Instrument :
MSVOA_U
ClientSampleId :

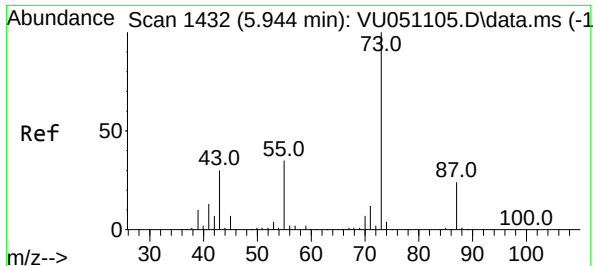
Tgt Ion: 45 Resp: 85440
Ion Ratio Lower Upper
45 100
43 57.6 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 1.559 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 59 Resp: 72325
Ion Ratio Lower Upper
59 100
87 43.5 32.5 48.7

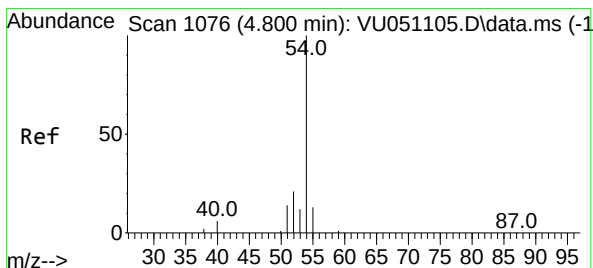
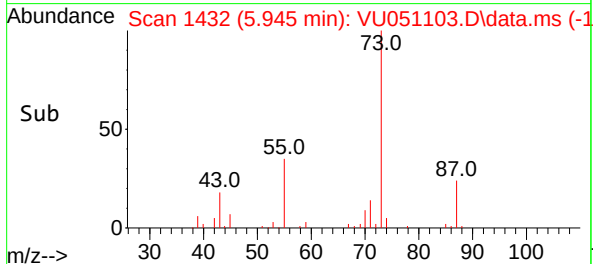
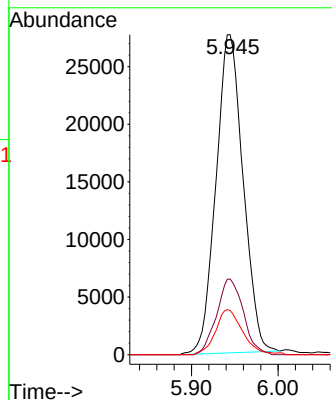
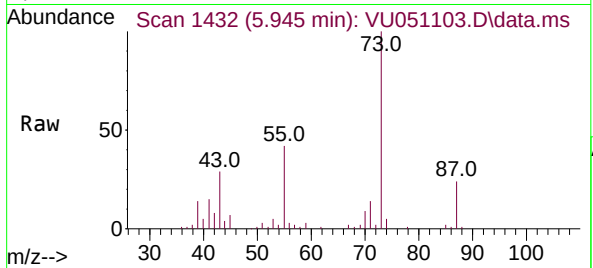




#33
Tert-Amyl methyl ether
Concen: 1.472 ug/l
RT: 5.945 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

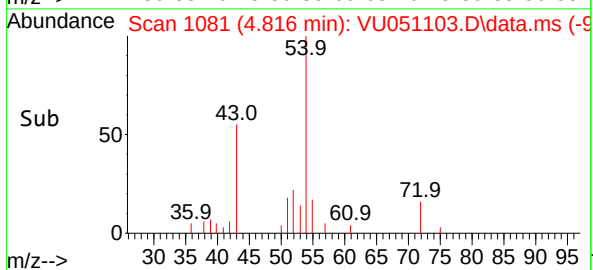
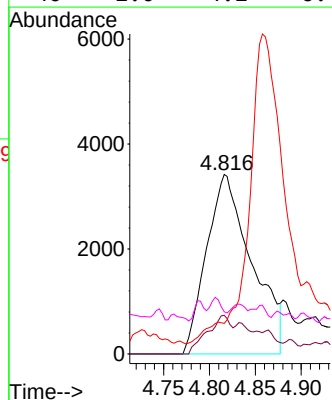
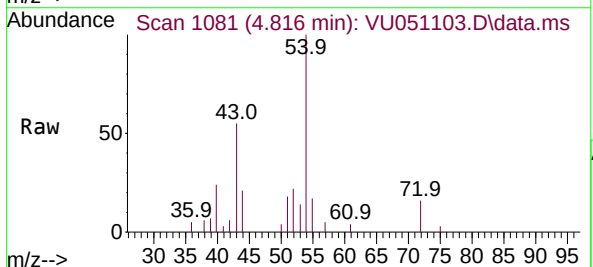
Instrument :
MSVOA_U
ClientSampleId :

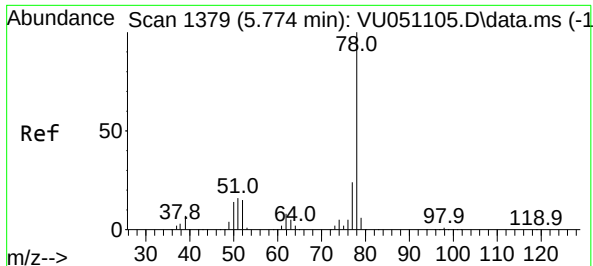
Tgt Ion: 73 Resp: 60054
Ion Ratio Lower Upper
73 100
87 23.4 19.7 29.5
71 13.4 9.0 13.4



#34
Propionitrile
Concen: 8.387 ug/l
RT: 4.816 min Scan# 1081
Delta R.T. 0.016 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 54 Resp: 11696
Ion Ratio Lower Upper
54 100
52 11.4 15.0 22.6#
55 0.0 12.6 19.0#
40 2.0 4.2 6.4#

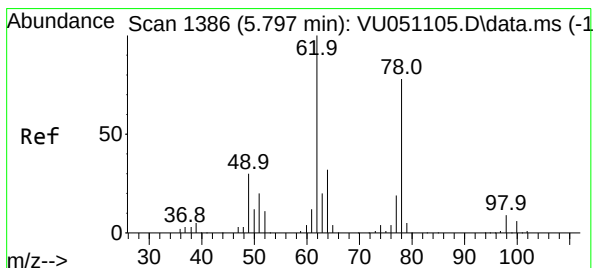
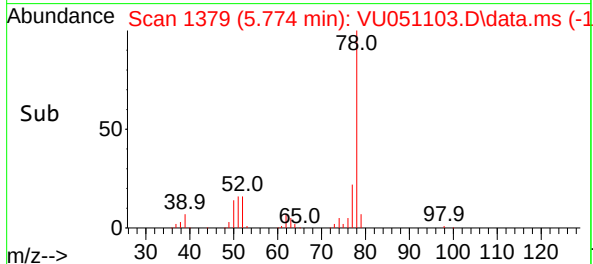
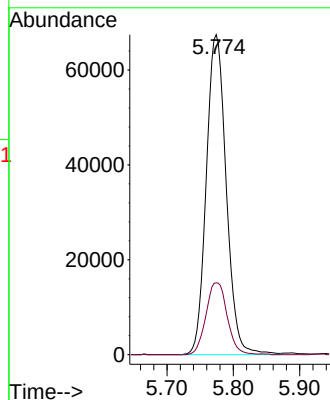
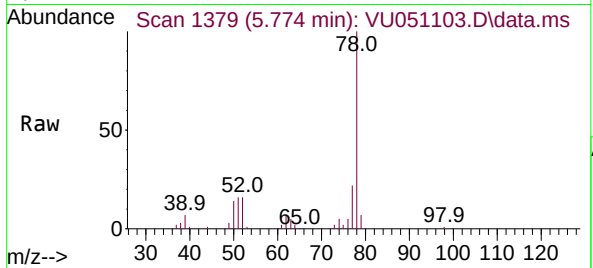




#35
Benzene
Concen: 2.137 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

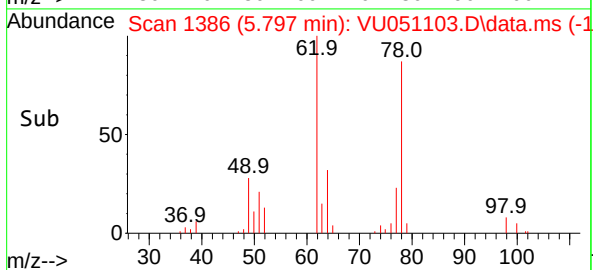
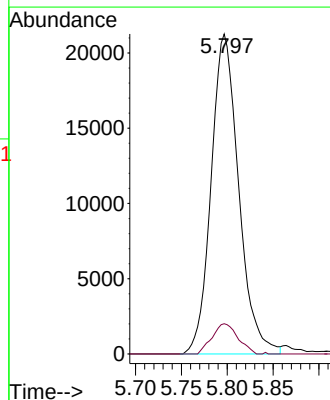
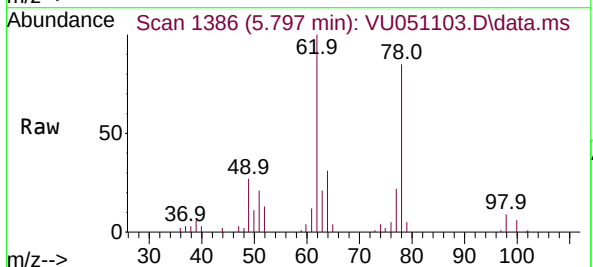
Instrument :
MSVOA_U
ClientSampleId :

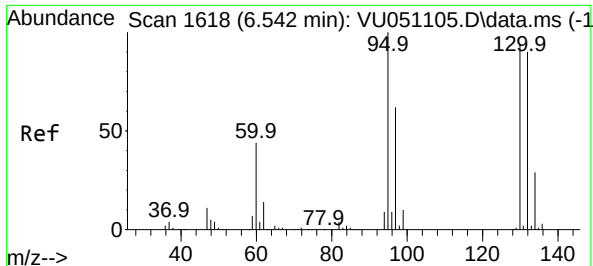
Tgt Ion: 78 Resp: 140984
Ion Ratio Lower Upper
78 100
77 22.4 18.6 28.0



#36
1,2-Dichloroethane
Concen: 2.338 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 62 Resp: 44490
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0

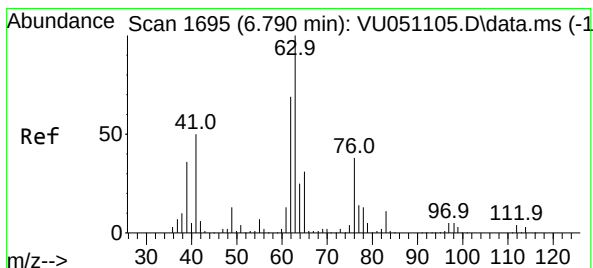
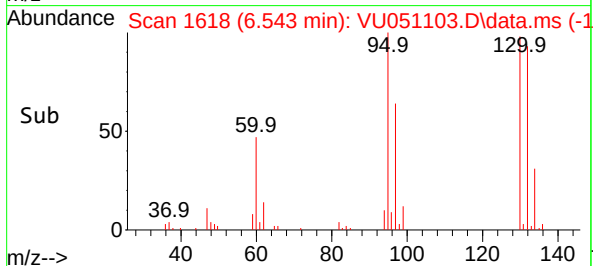
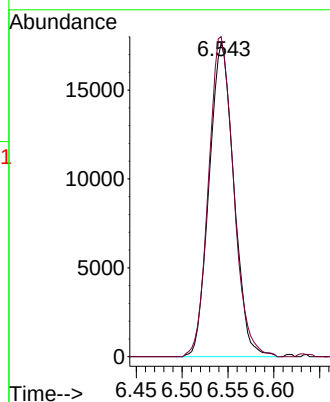
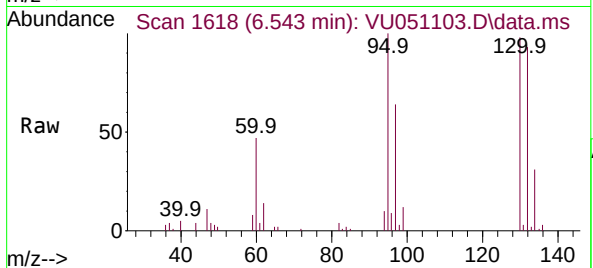




#37
Trichloroethene
Concen: 1.996 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

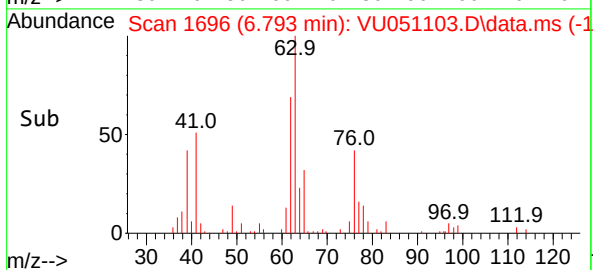
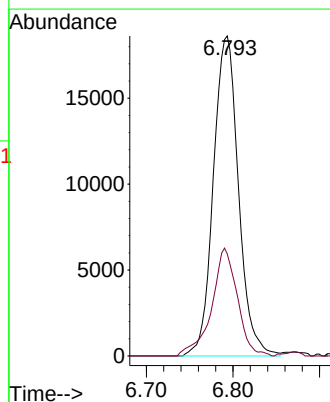
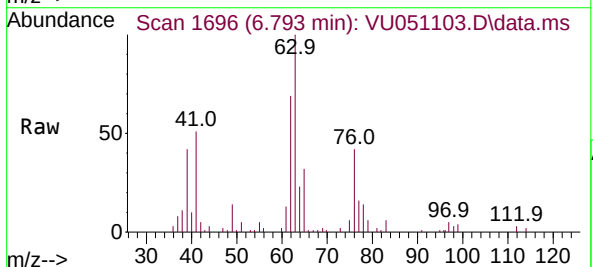
Instrument :
MSVOA_U
ClientSampleId :

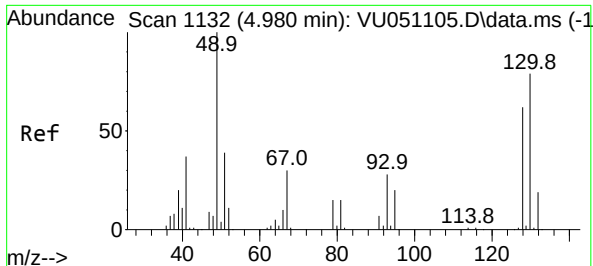
Tgt Ion:130 Resp: 33018
Ion Ratio Lower Upper
130 100
95 102.0 83.8 125.8



#38
1,2-Dichloropropane
Concen: 2.130 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 63 Resp: 37528
Ion Ratio Lower Upper
63 100
65 31.3 25.0 37.4





#39

Methacrylonitrile

Concen: 1.686 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

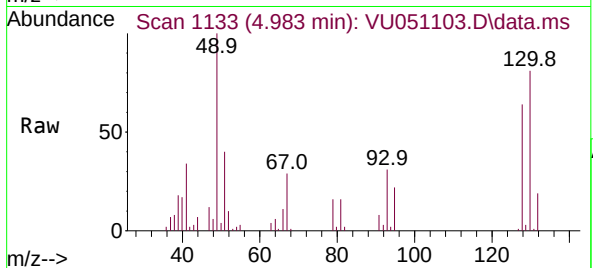
Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 9951

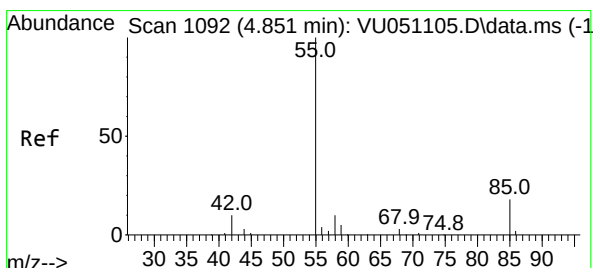
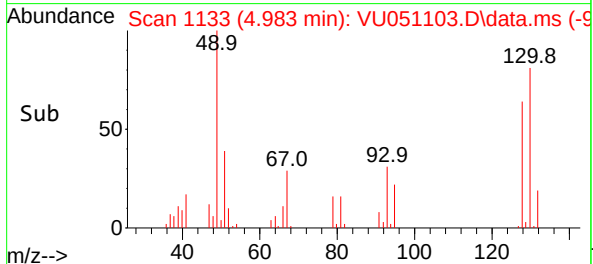
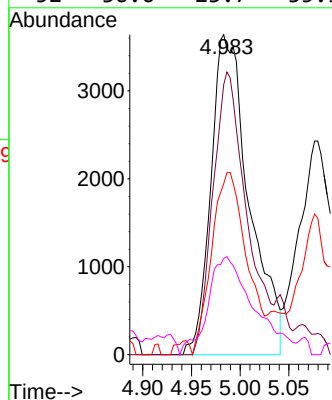
Ion Ratio Lower Upper

41 100

67 78.5 59.4 89.0

39 51.9 42.2 63.2

52 36.6 23.7 35.5#



#40

Methyl acrylate

Concen: 1.864 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Tgt Ion: 55 Resp: 17257

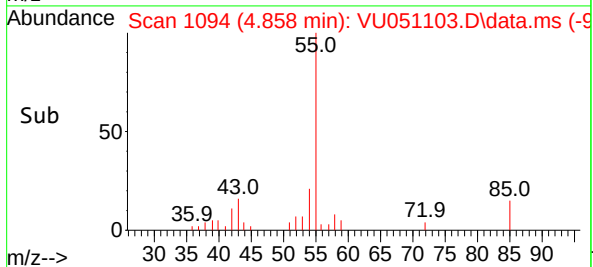
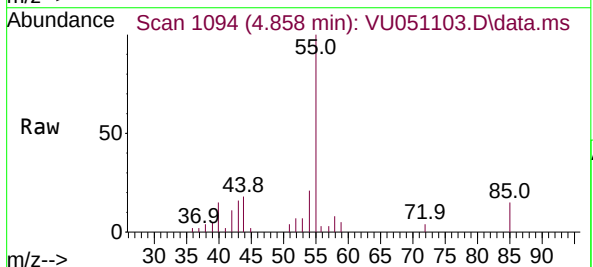
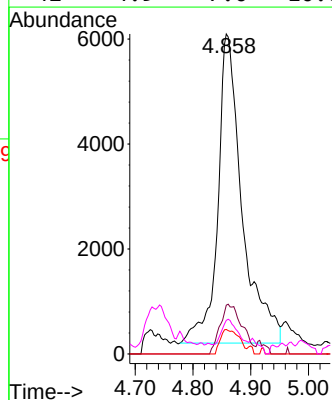
Ion Ratio Lower Upper

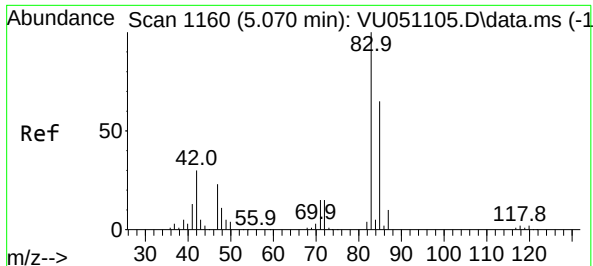
55 100

85 14.6 13.5 20.3

58 6.1 7.0 10.4#

42 4.9 7.0 10.6#





#41

Tetrahydrofuran

Concen: 2.505 ug/l

RT: 5.080 min Scan# 1163

Delta R.T. 0.010 min

Lab File: VU051103.D

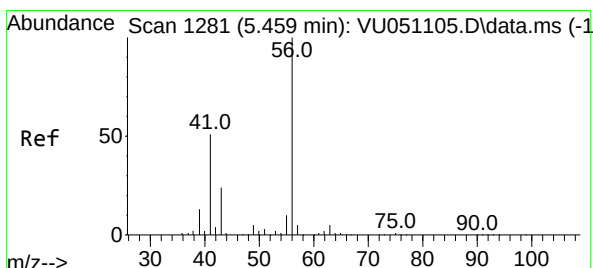
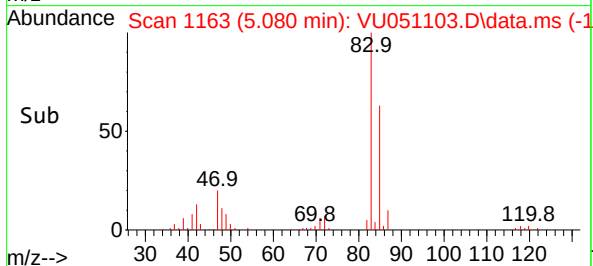
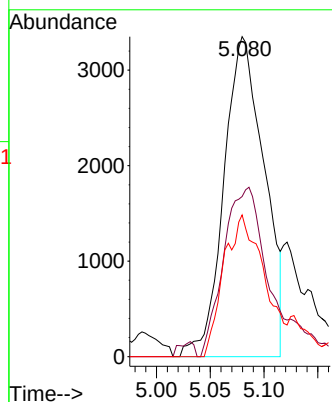
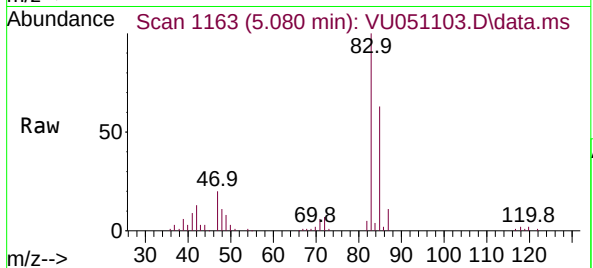
Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	8745
Ion	Ratio	Lower	Upper
42	100		
72	61.5	38.9	58.3#
71	44.6	33.7	50.5



#42

1-Chlorobutane

Concen: 1.728 ug/l

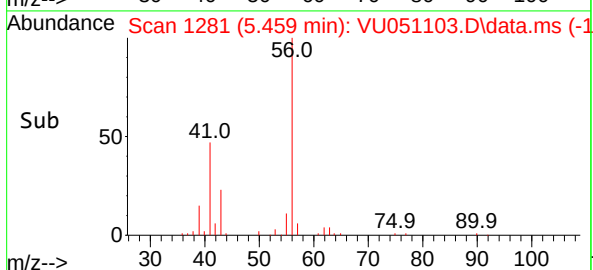
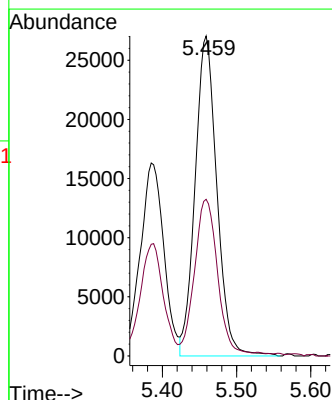
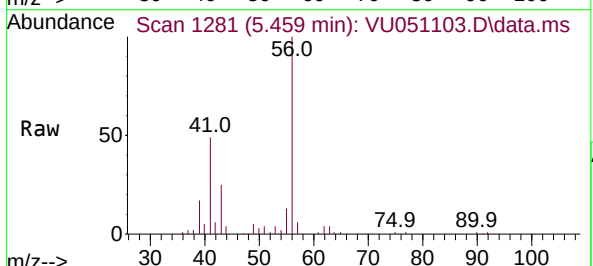
RT: 5.459 min Scan# 1281

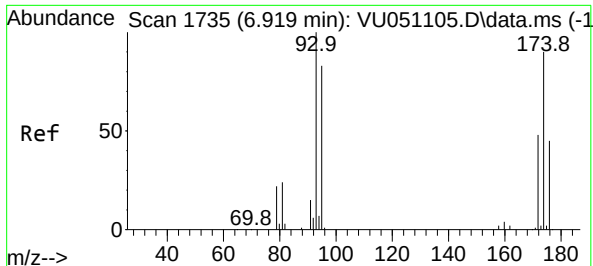
Delta R.T. 0.000 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Tgt Ion:	56	Resp:	55182
Ion	Ratio	Lower	Upper
56	100		
41	50.2	26.4	79.2





#43

Dibromomethane

Concen: 2.343 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

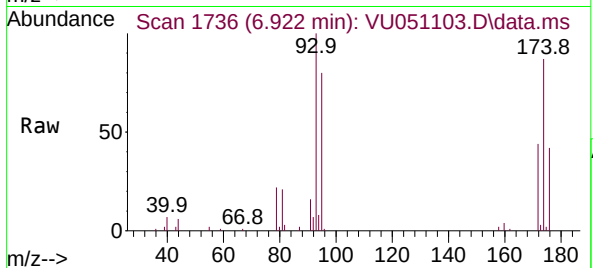
Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :



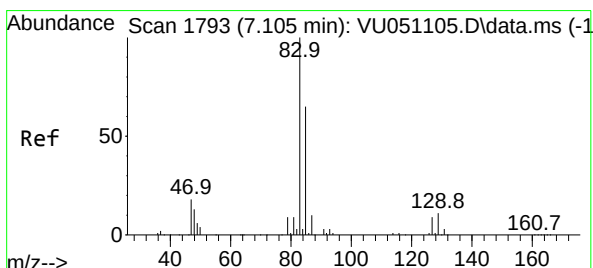
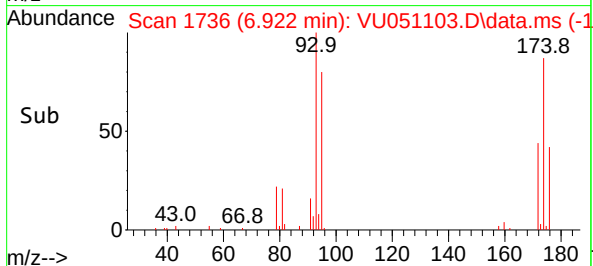
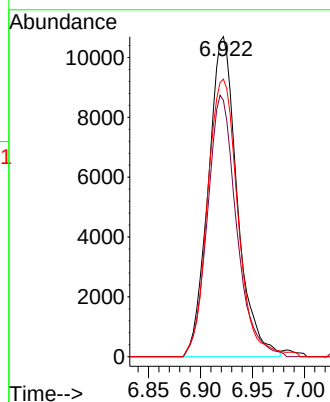
Tgt Ion: 93 Resp: 20711

Ion Ratio Lower Upper

93 100

95 81.8 65.0 97.6

174 90.8 76.3 114.5



#44

Bromodichloromethane

Concen: 2.293 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

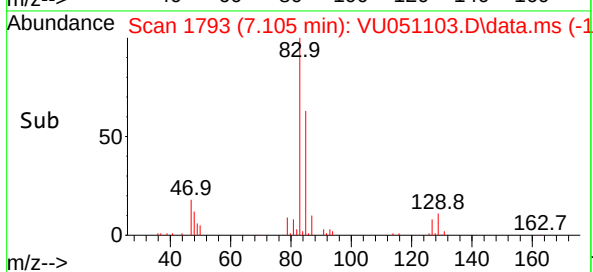
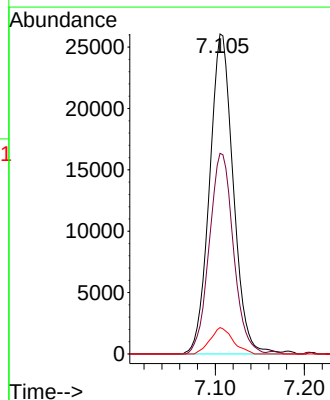
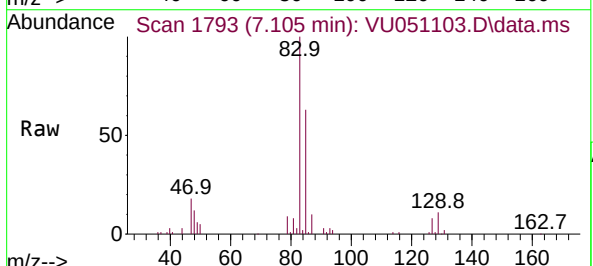
Tgt Ion: 83 Resp: 48148

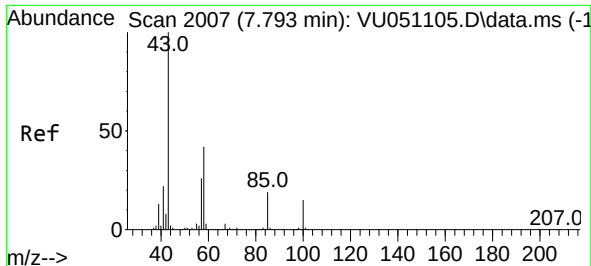
Ion Ratio Lower Upper

83 100

85 62.7 49.4 74.0

127 8.3 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 8.140 ug/l

RT: 7.797 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

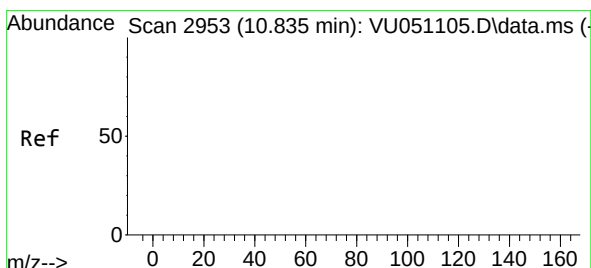
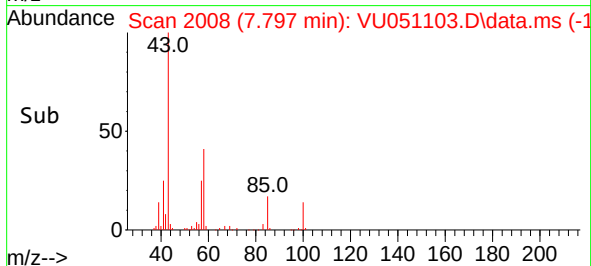
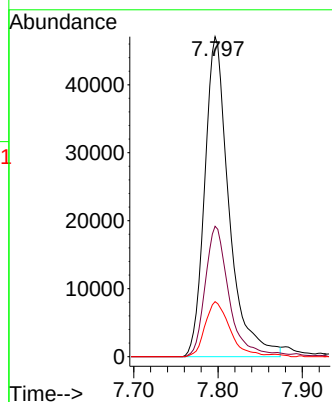
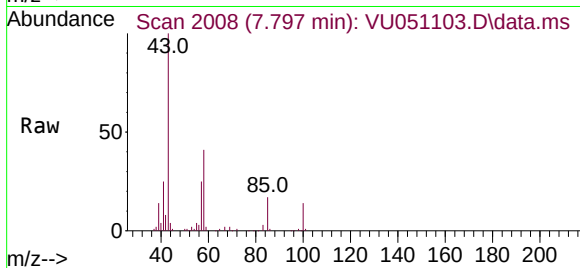
Tgt Ion: 43 Resp: 94551

Ion Ratio Lower Upper

43 100

58 39.7 20.3 61.0

85 17.5 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 10.324 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Tgt Ion: 75 Resp: 38819

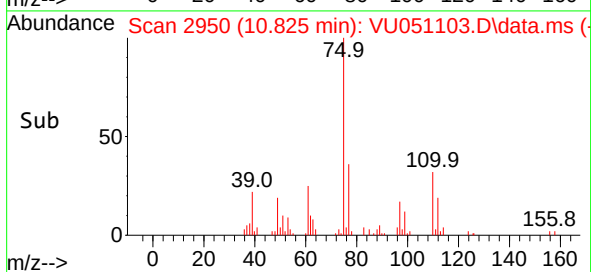
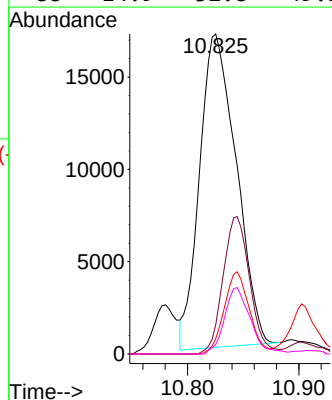
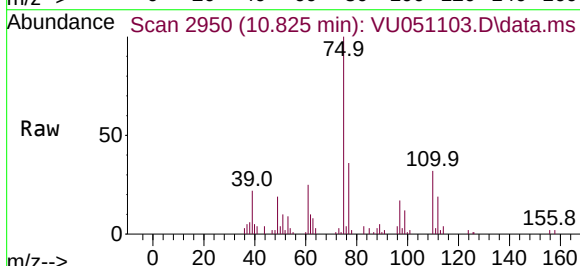
Ion Ratio Lower Upper

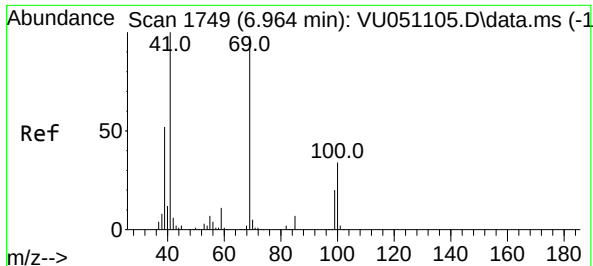
75 100

53 31.9 64.4 96.6#

89 18.0 44.2 66.2#

88 14.9 32.8 49.2#





#47

Methyl methacrylate

Concen: 3.401 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

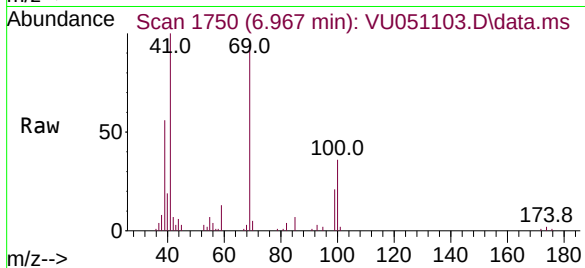
Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 29662

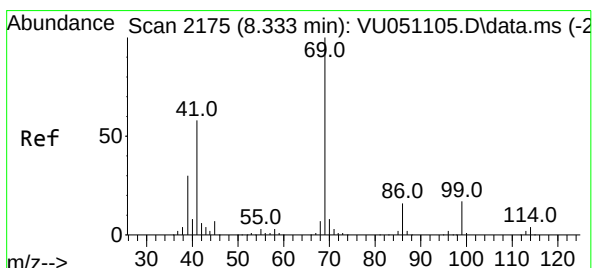
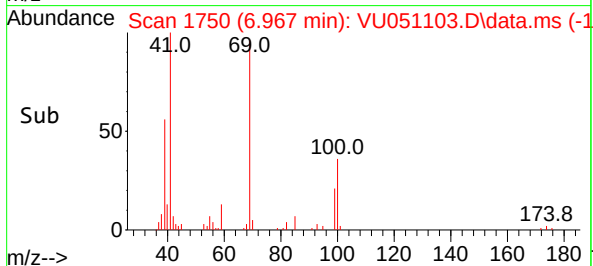
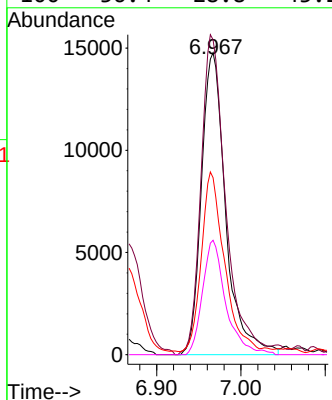
Ion Ratio Lower Upper

69 100

41 107.4 0.0 225.4

39 56.1 45.8 68.8

100 36.4 28.8 43.2



#48

Ethyl methacrylate

Concen: 1.475 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU051103.D

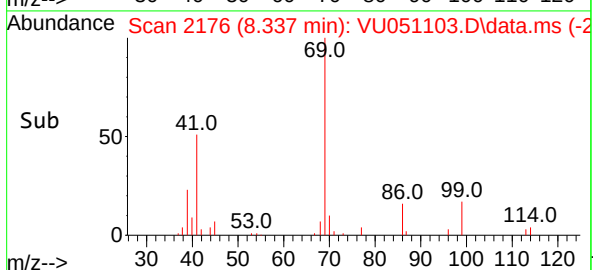
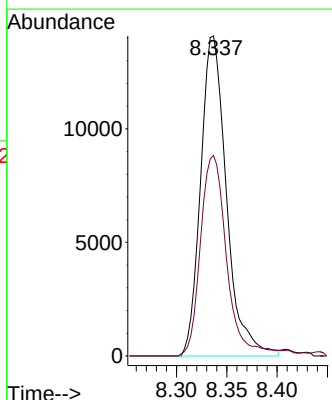
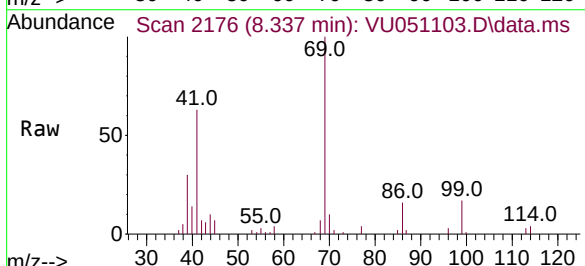
Acq: 04 Oct 2022 12:00

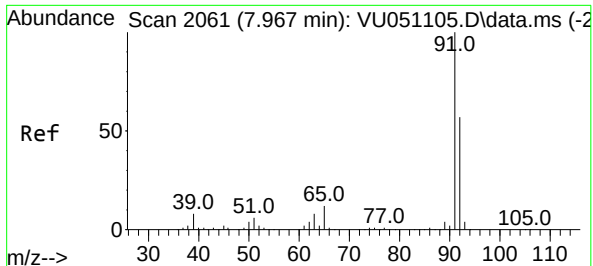
Tgt Ion: 69 Resp: 25172

Ion Ratio Lower Upper

69 100

41 64.2 32.3 96.9





#49

Toluene

Concen: 1.794 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

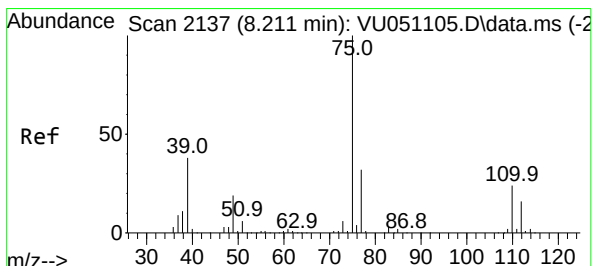
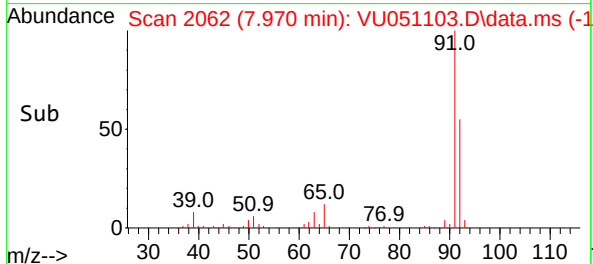
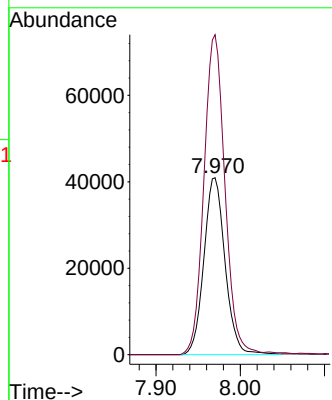
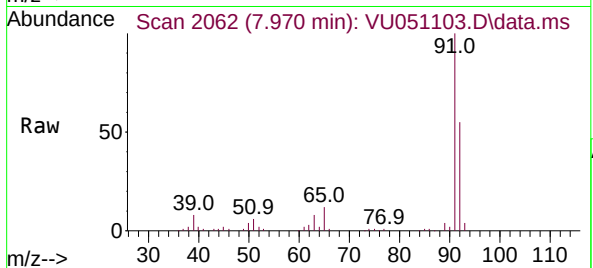
ClientSampleId :

Tgt Ion: 92 Resp: 71839

Ion Ratio Lower Upper

92 100

91 178.7 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 1.891 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU051103.D

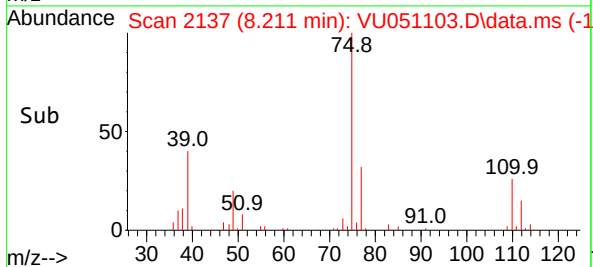
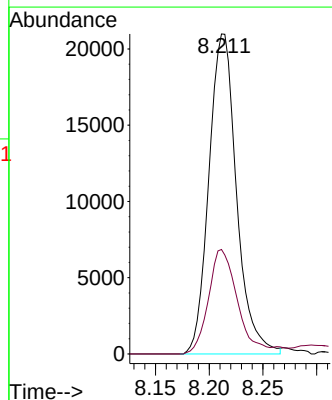
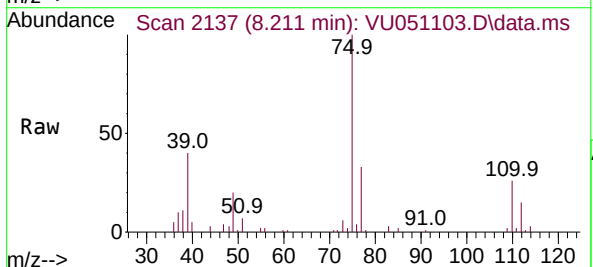
Acq: 04 Oct 2022 12:00

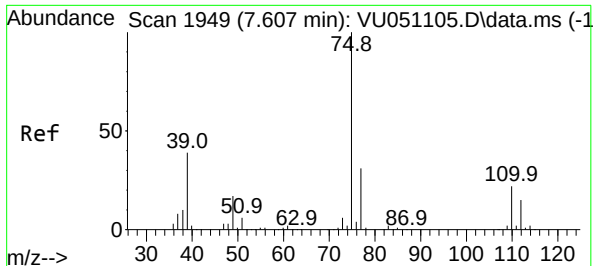
Tgt Ion: 75 Resp: 37525

Ion Ratio Lower Upper

75 100

77 32.6 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 1.843 ug/l

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051103.D

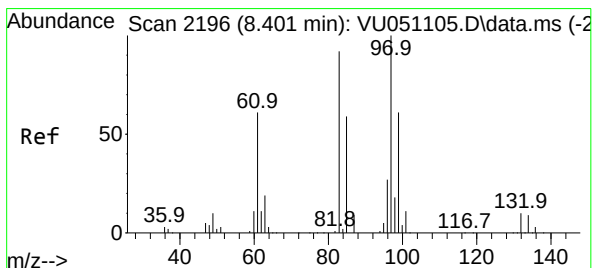
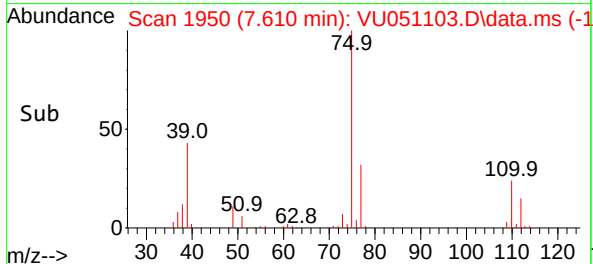
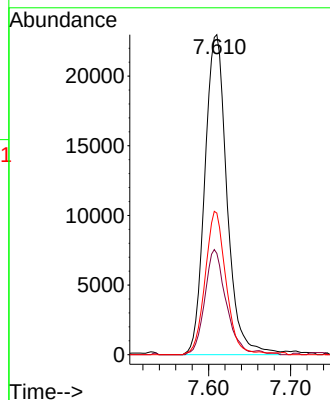
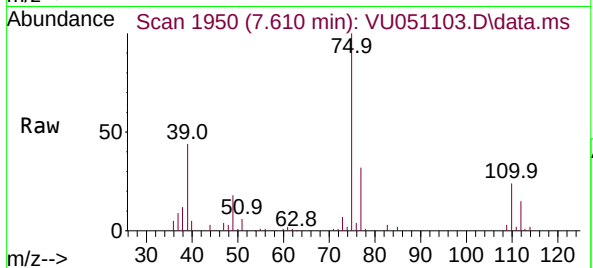
Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	43070
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	44.3	35.1	52.7



#52

1,1,2-Trichloroethane

Concen: 2.390 ug/l

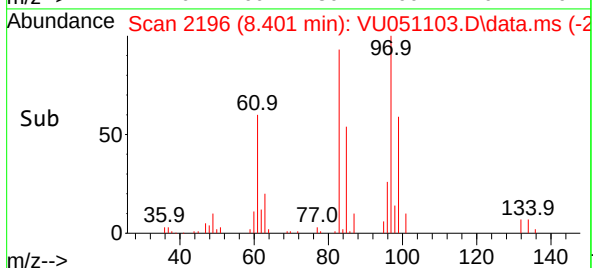
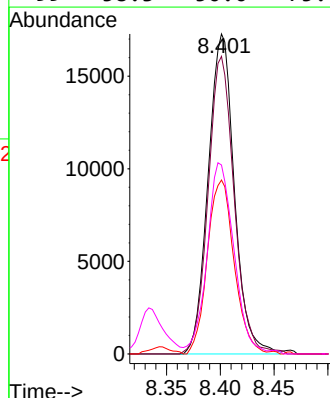
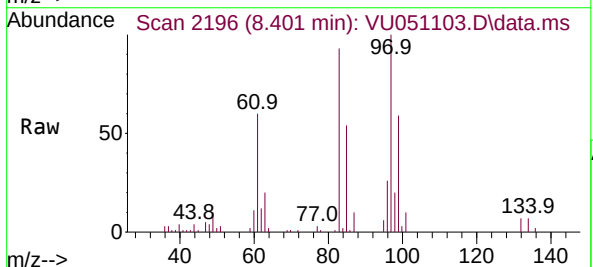
RT: 8.401 min Scan# 2196

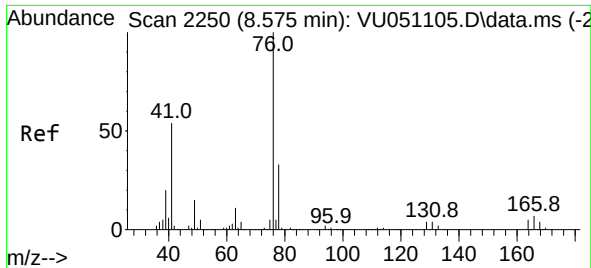
Delta R.T. 0.000 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Tgt Ion:	97	Resp:	29290
Ion	Ratio	Lower	Upper
97	100		
83	93.0	70.6	106.0
85	54.3	46.2	69.4
99	58.3	50.0	75.0

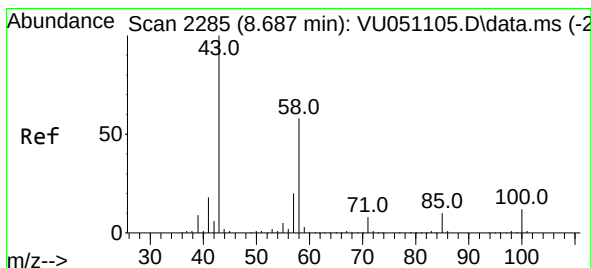
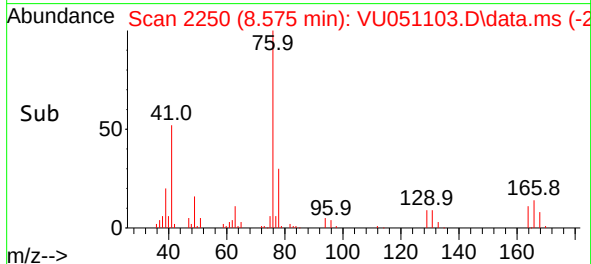
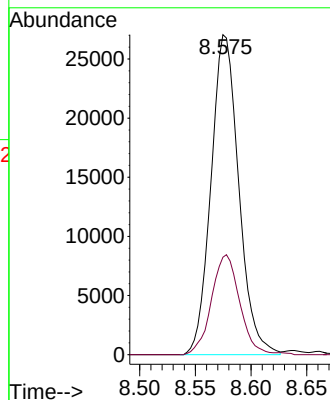
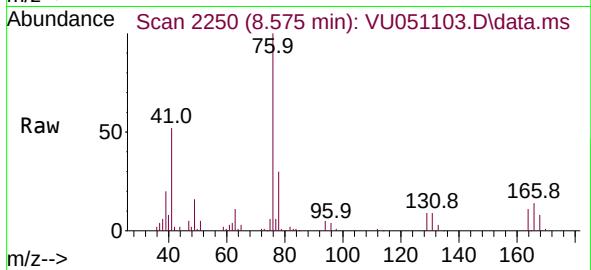




#53
1,3-Dichloropropane
Concen: 2.155 ug/l
RT: 8.575 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

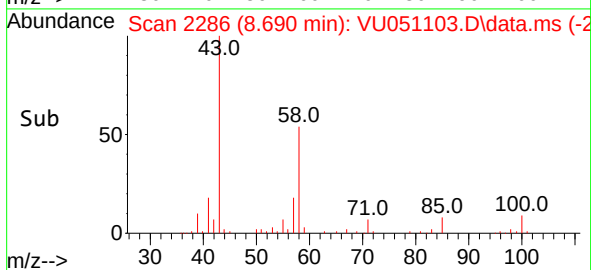
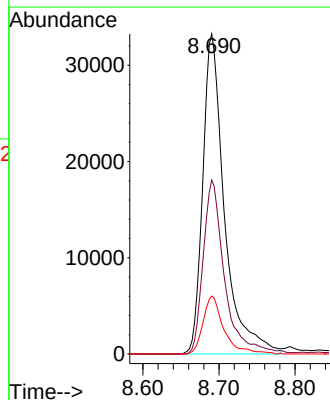
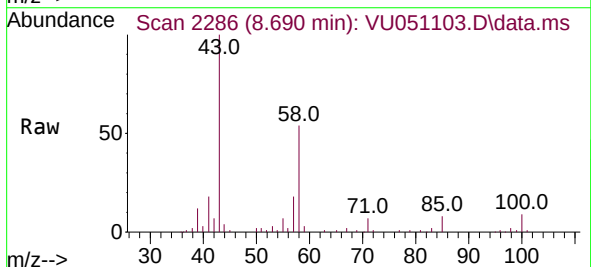
Instrument :
MSVOA_U
ClientSampleId :

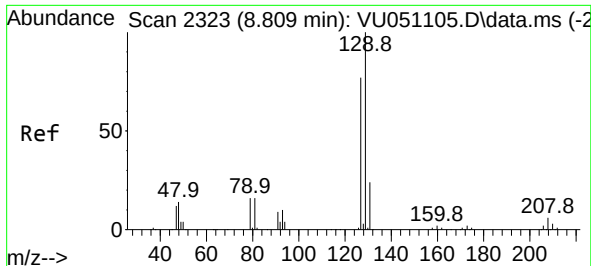
Tgt Ion: 76 Resp: 46902
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0



#54
2-Hexanone
Concen: 8.146 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 43 Resp: 65987
Ion Ratio Lower Upper
43 100
58 53.4 37.1 77.1
57 17.3 0.0 39.5

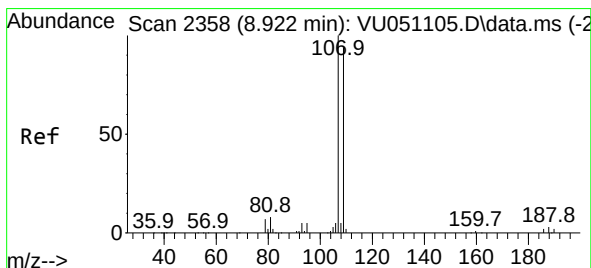
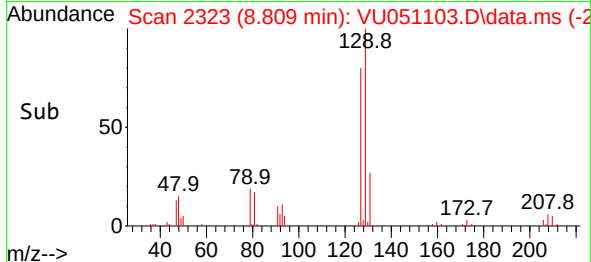
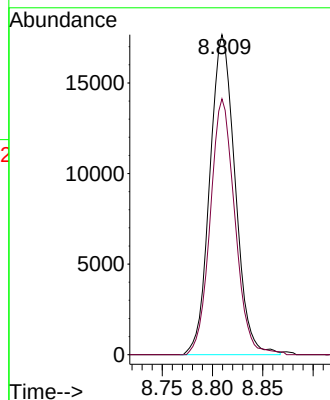
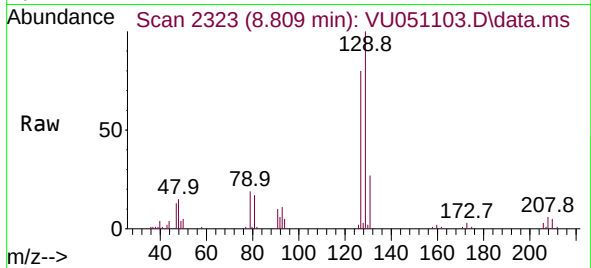




#55
Dibromochloromethane
Concen: 2.240 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

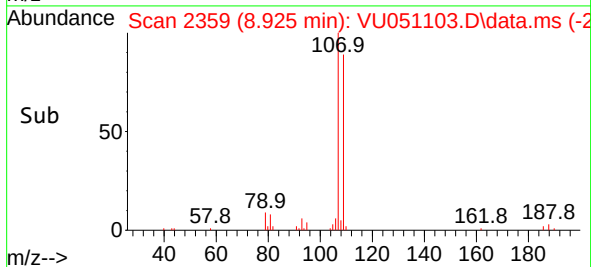
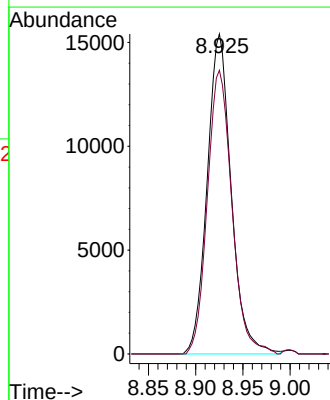
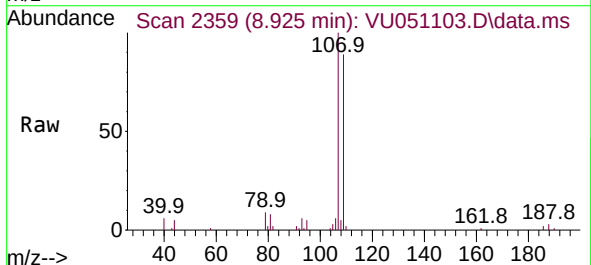
Instrument :
MSVOA_U
ClientSampleId :

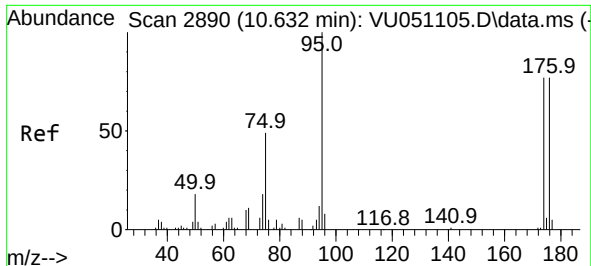
Tgt Ion:129 Resp: 30940
Ion Ratio Lower Upper
129 100
127 77.8 61.2 91.8



#56
1,2-Dibromoethane
Concen: 2.306 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

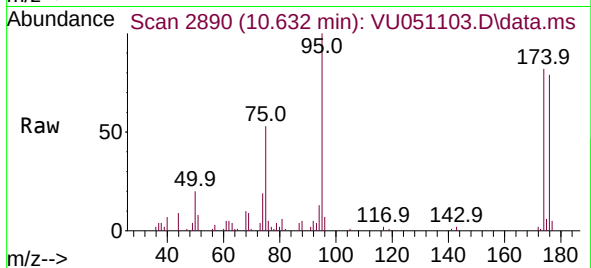
Tgt Ion:107 Resp: 27226
Ion Ratio Lower Upper
107 100
109 90.4 0.0 187.2



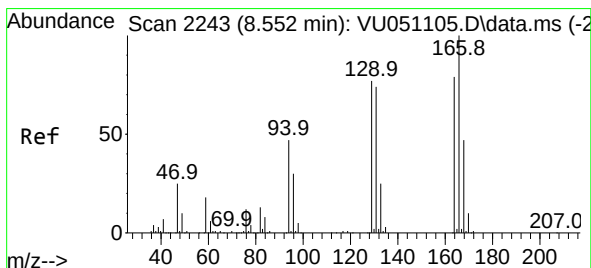
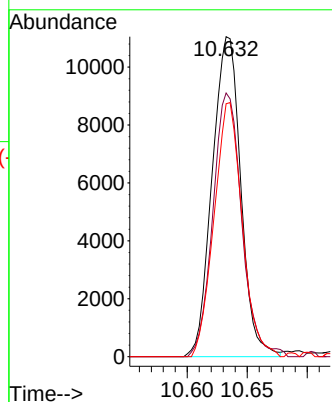
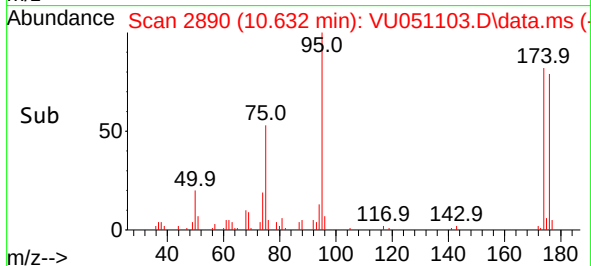


#57
4-Bromofluorobenzene
Concen: 0.833 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

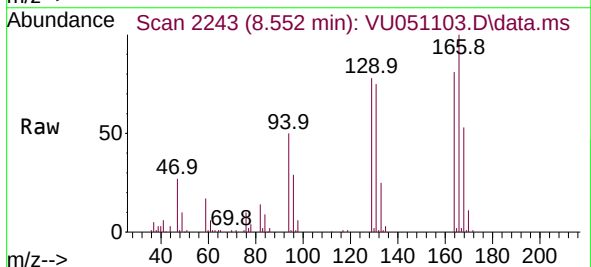
Instrument :
MSVOA_U
ClientSampleId :



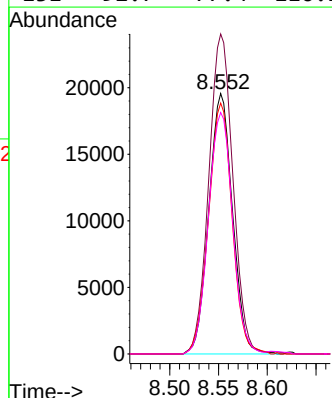
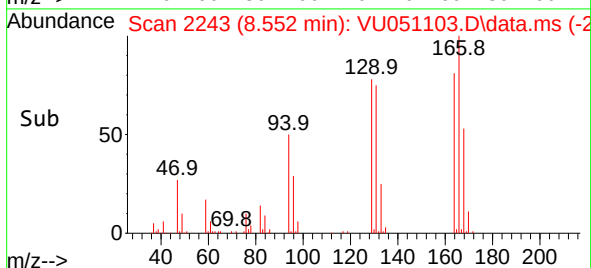
Tgt Ion: 95 Resp: 18268
Ion Ratio Lower Upper
95 100
174 83.2 62.4 93.6
176 78.2 56.2 84.2

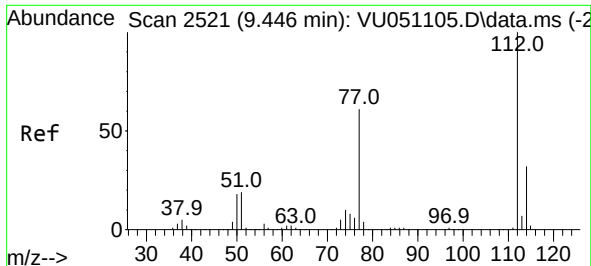


#58
Tetrachloroethene
Concen: 2.319 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00



Tgt Ion: 164 Resp: 33159
Ion Ratio Lower Upper
164 100
166 122.9 102.4 153.6
129 96.3 79.5 119.3
131 92.7 77.4 116.2

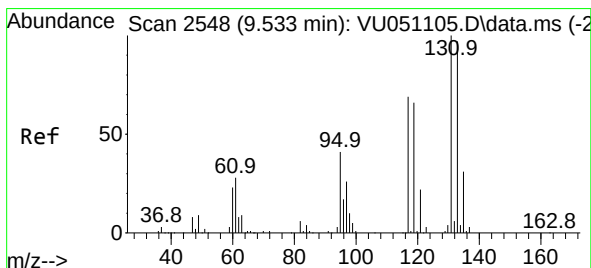
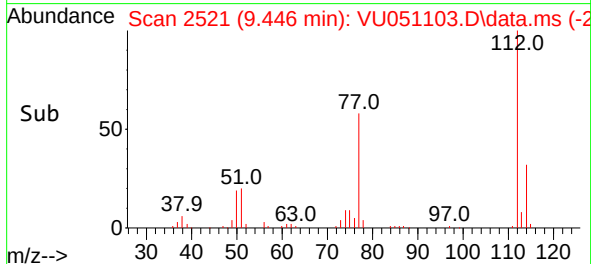
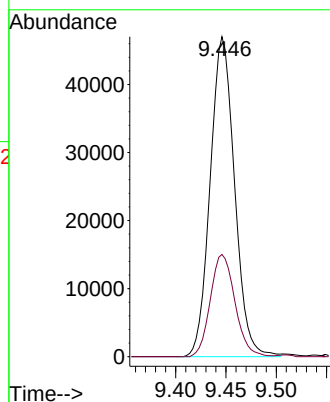
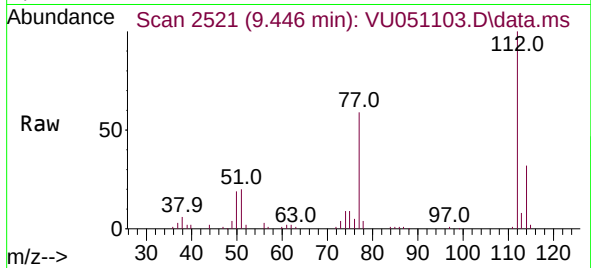




#59
Chlorobenzene
Concen: 1.893 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

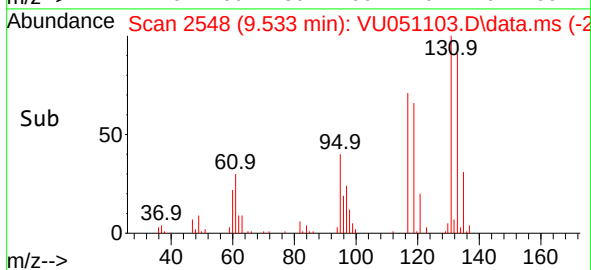
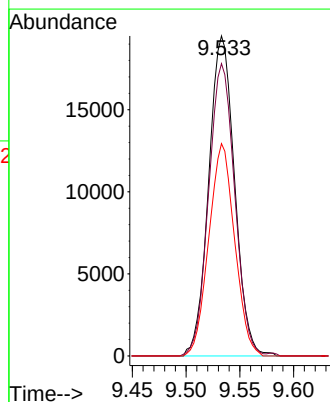
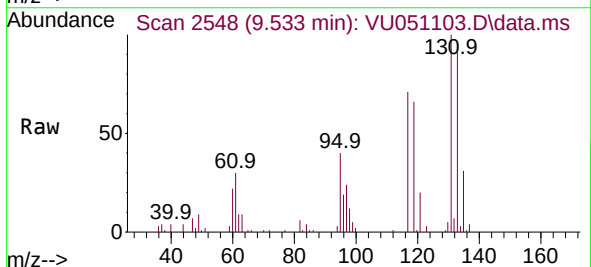
Instrument :
MSVOA_U
ClientSampleId :

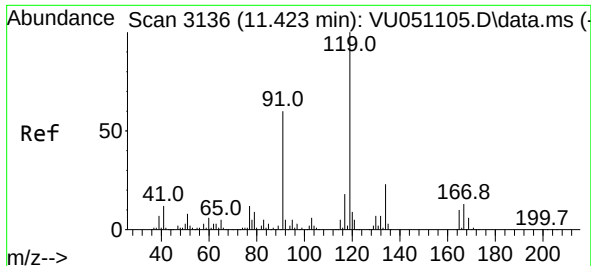
Tgt Ion:112 Resp: 79339
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 2.178 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion:131 Resp: 32569
Ion Ratio Lower Upper
131 100
133 92.2 78.3 117.5
119 66.2 53.2 79.8

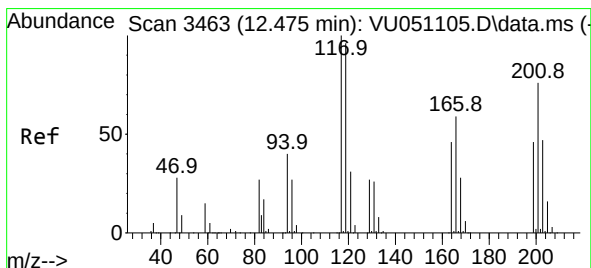
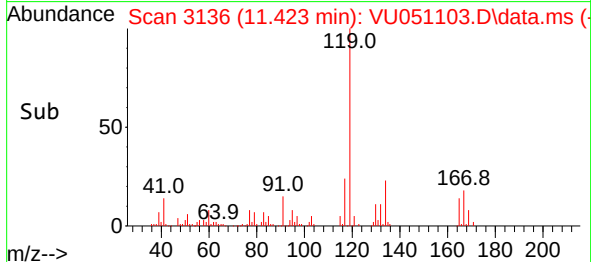
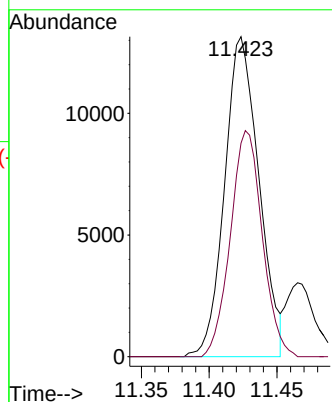
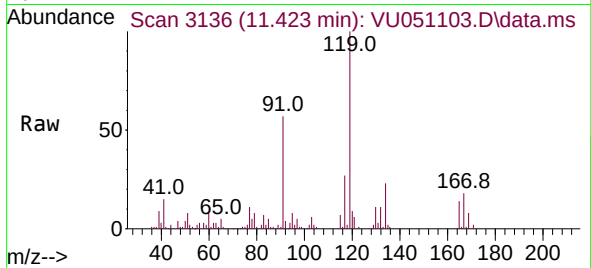




#61
Pentachloroethane
Concen: 2.060 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

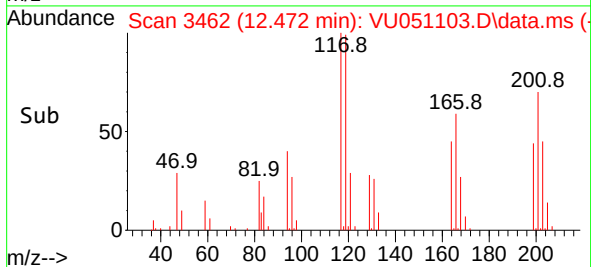
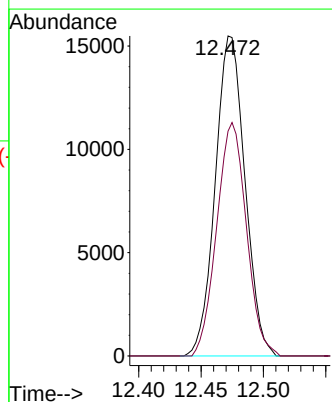
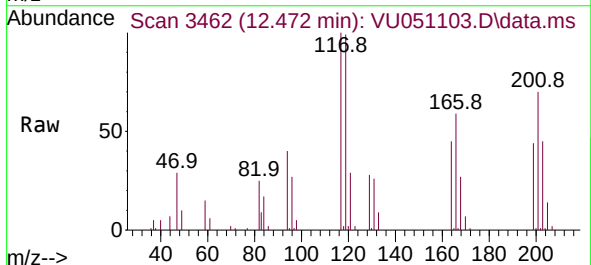
Instrument :
MSVOA_U
ClientSampleId :

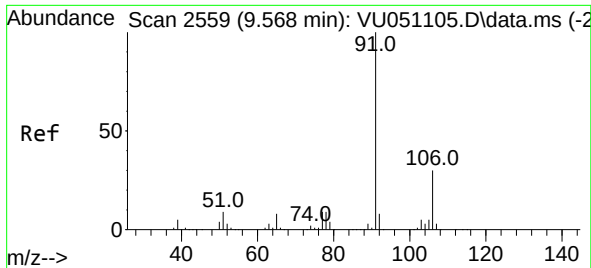
Tgt Ion:117 Resp: 23142
Ion Ratio Lower Upper
117 100
167 65.6 66.2 99.4#



#62
Hexachloroethane
Concen: 2.212 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. -0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion:117 Resp: 25694
Ion Ratio Lower Upper
117 100
201 73.0 61.0 91.4

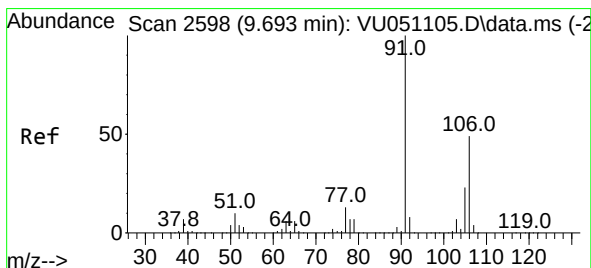
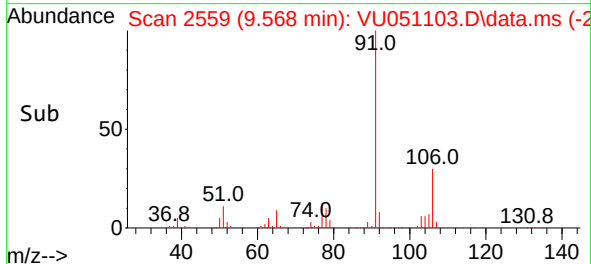
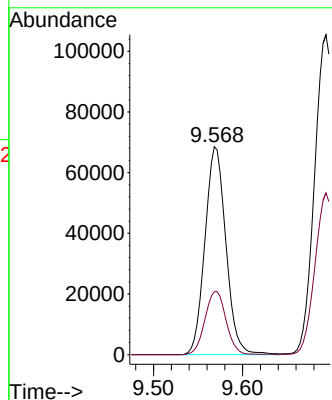
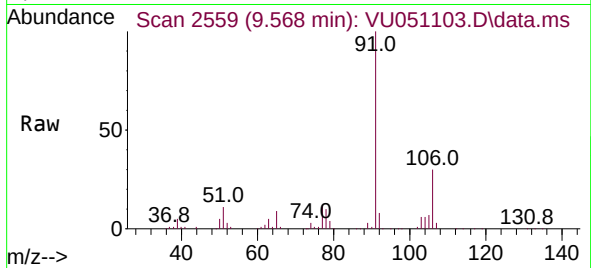




#63
Ethyl Benzene
Concen: 1.502 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

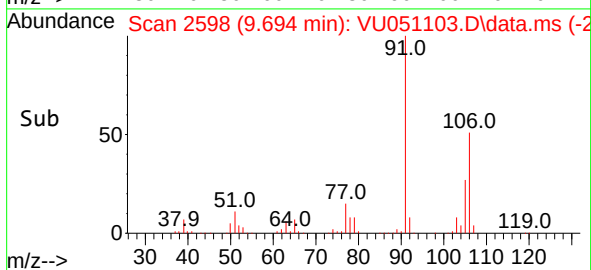
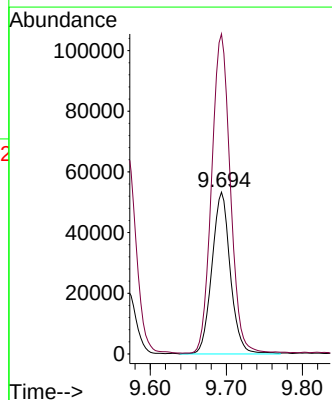
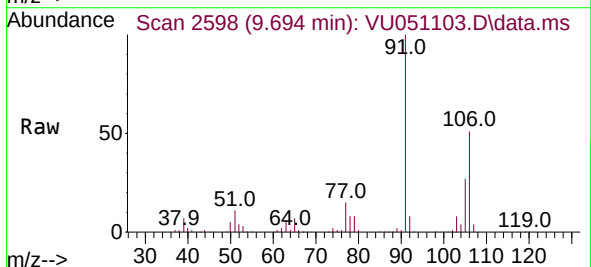
Instrument :
MSVOA_U
ClientSampleId :

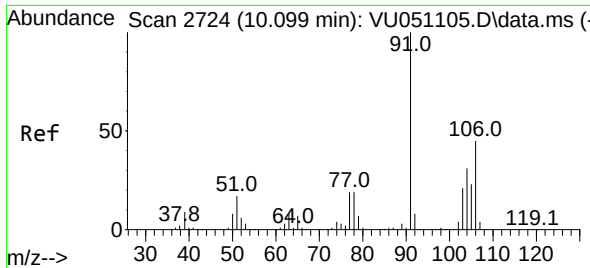
Tgt Ion: 91 Resp: 112062
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6



#64
m/p-Xylenes
Concen: 3.192 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 106 Resp: 89607
Ion Ratio Lower Upper
106 100
91 199.3 167.8 251.6

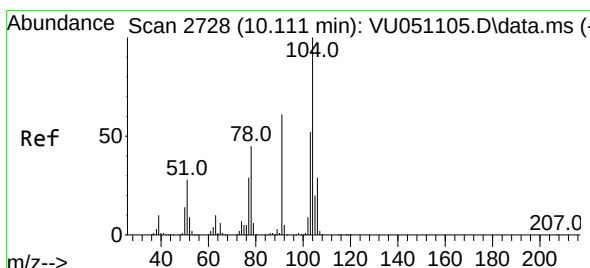
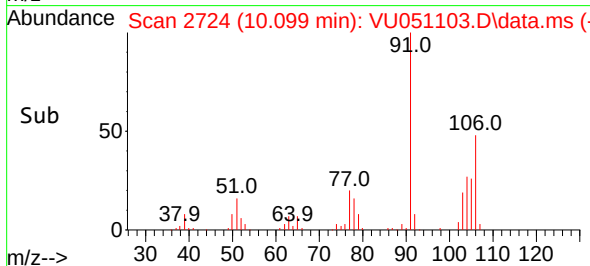
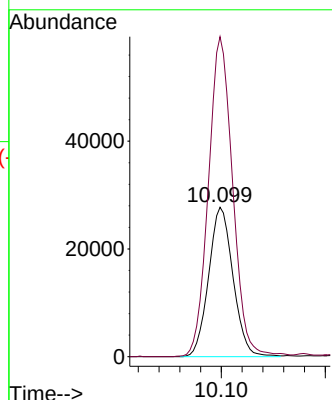
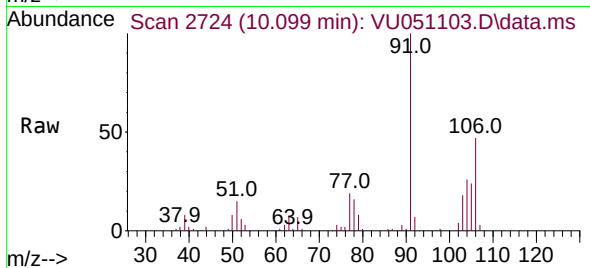




#65
o-Xylene
Concen: 1.650 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

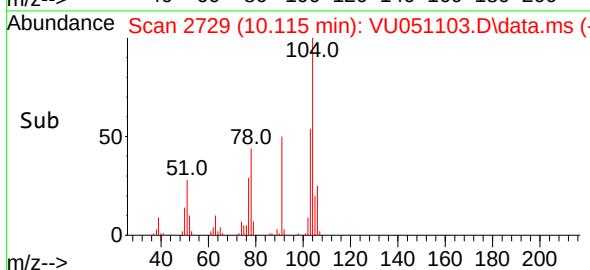
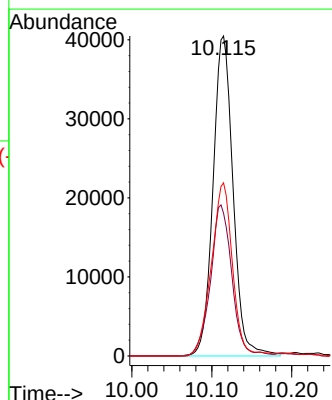
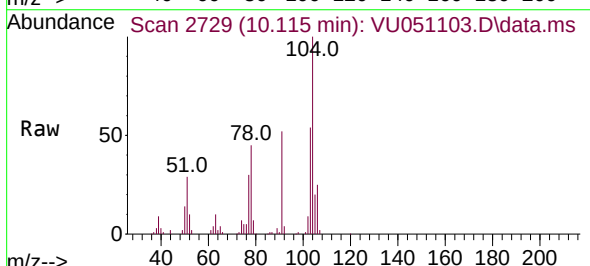
Instrument :
MSVOA_U
ClientSampleId :

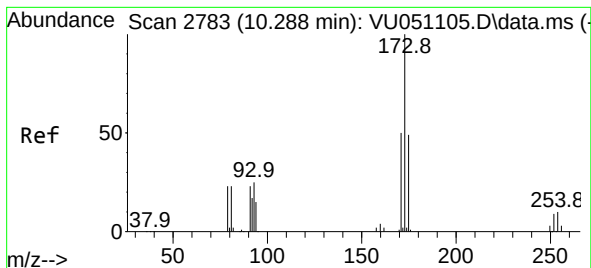
Tgt Ion:106 Resp: 45215
Ion Ratio Lower Upper
106 100
91 213.6 111.1 333.2



#66
Styrene
Concen: 1.582 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion:104 Resp: 70315
Ion Ratio Lower Upper
104 100
78 49.5 42.1 63.1
103 57.1 44.5 66.7





#67

Bromoform

Concen: 2.308 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051103.D

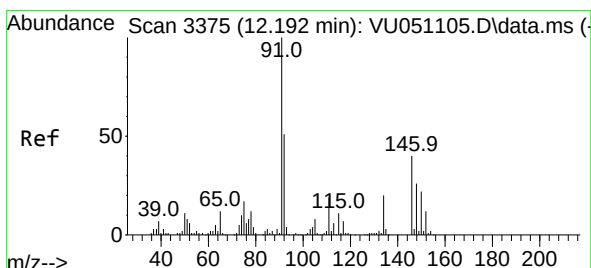
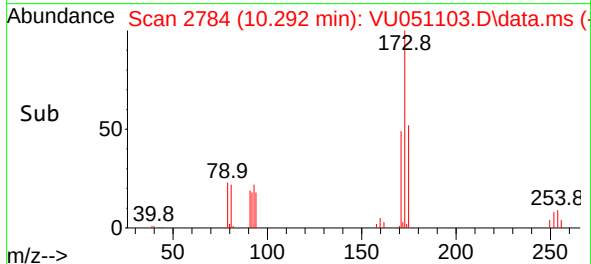
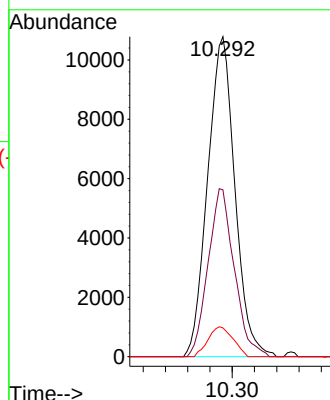
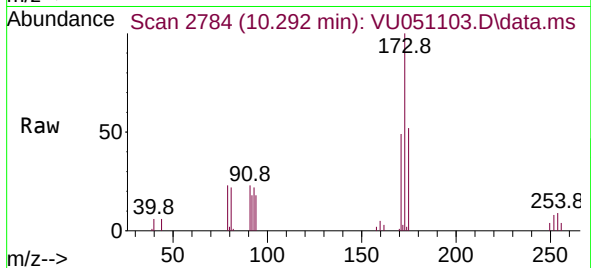
Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	18304
Ion Ratio	Lower	Upper
173	100	
175	50.4	38.4 57.6
254	8.5	7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.017 ug/l

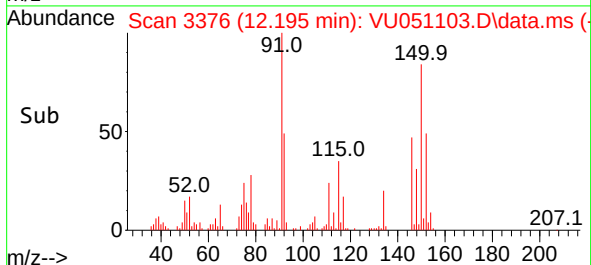
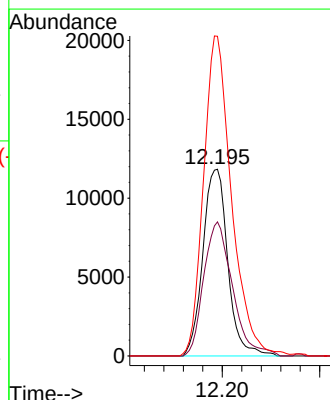
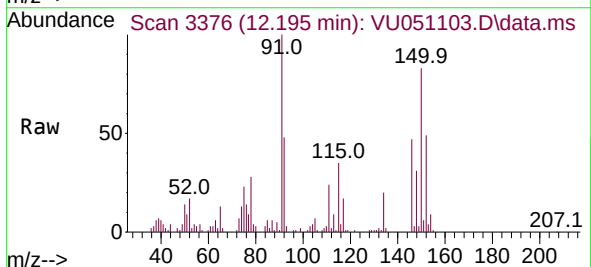
RT: 12.195 min Scan# 3376

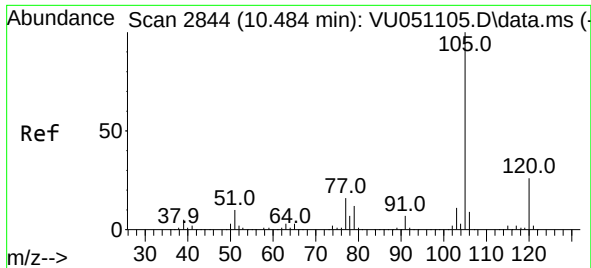
Delta R.T. 0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Tgt Ion:152	Resp:	21016
Ion Ratio	Lower	Upper
152	100	
115	82.7	0.0 254.6
150	192.1	0.0 623.6

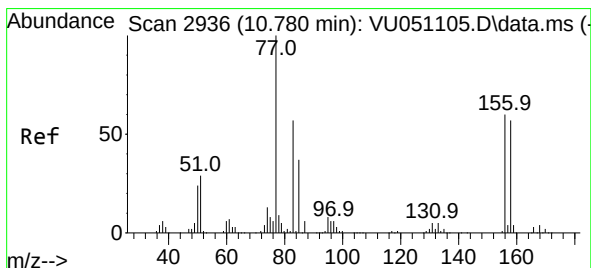
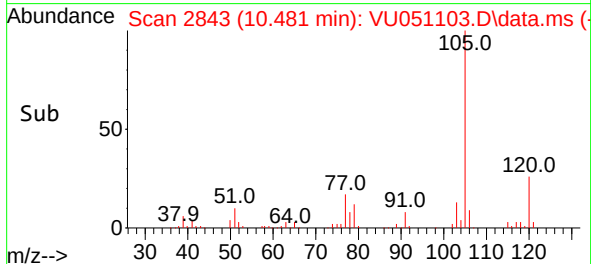
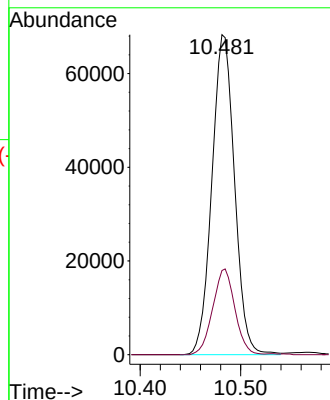
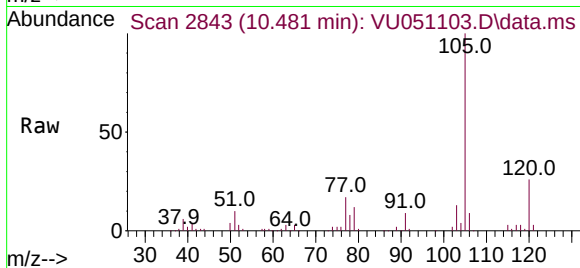




#69
Isopropylbenzene
Concen: 1.476 ug/l
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

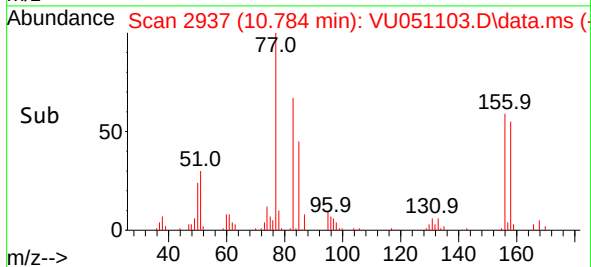
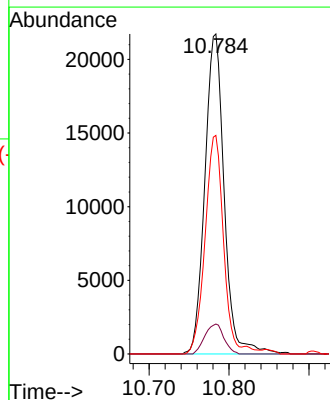
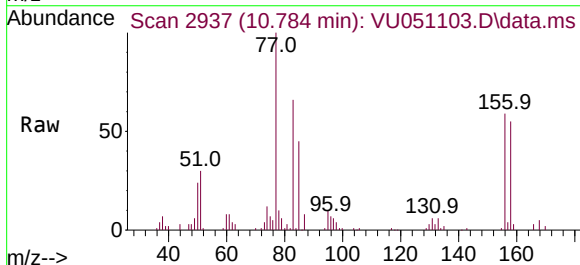
Instrument :
MSVOA_U
ClientSampleId :

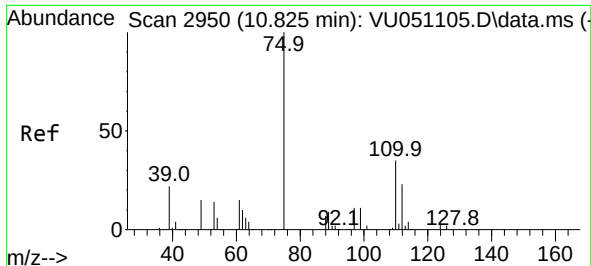
Tgt Ion:105 Resp: 106778
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 2.285 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion: 83 Resp: 36546
Ion Ratio Lower Upper
83 100
131 9.2 7.7 11.5
85 64.2 51.2 76.8

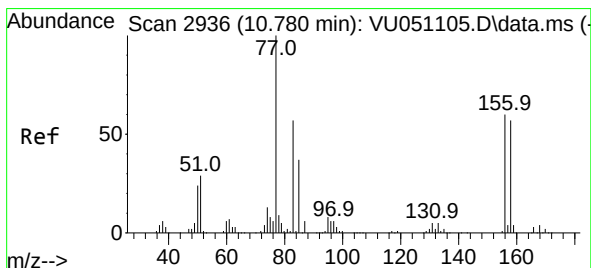
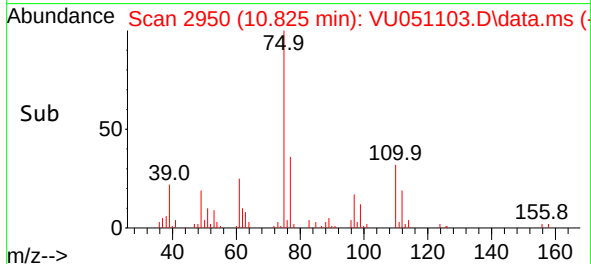
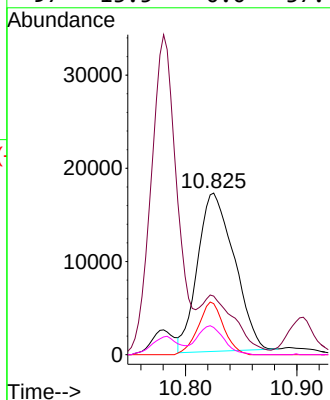
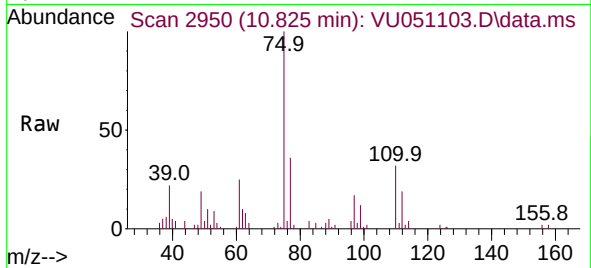




#71
1,2,3-Trichloropropane
Concen: 2.917 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

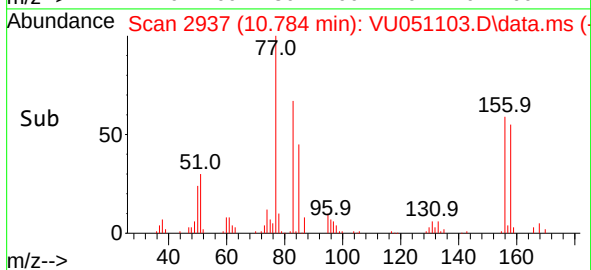
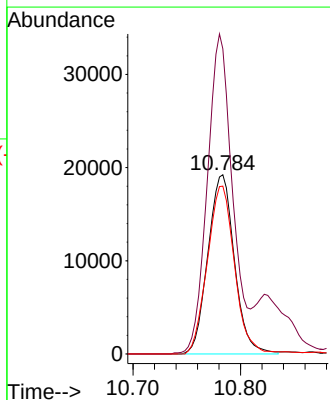
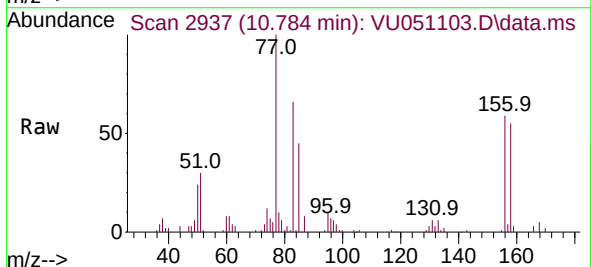
Instrument :
MSVOA_U
ClientSampleId :

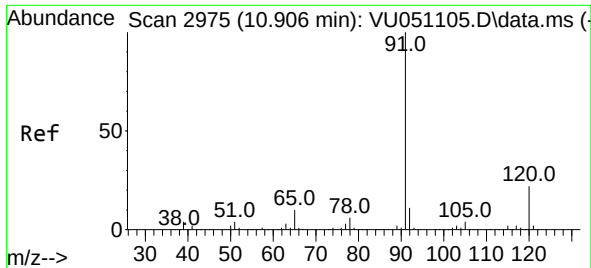
Tgt Ion:	75	Resp:	38819
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	112.4
110	23.1	0.0	70.6
97	13.5	0.0	37.4



#72
Bromobenzene
Concen: 1.983 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion:	156	Resp:	32955
Ion Ratio	Lower	Upper	
156	100		
77	169.5	0.0	344.4
158	95.8	0.0	192.2

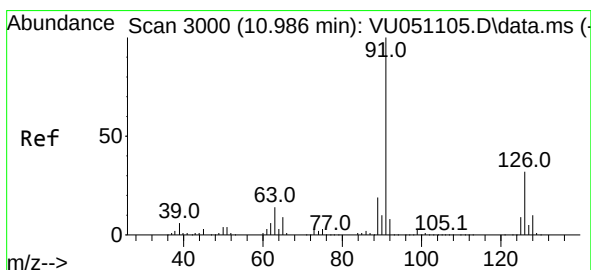
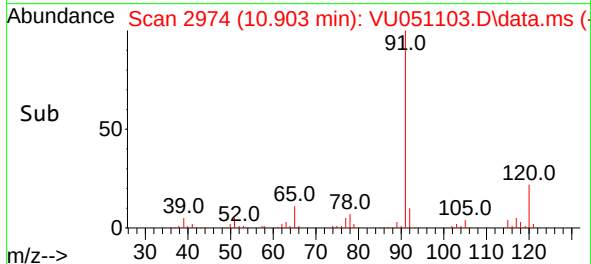
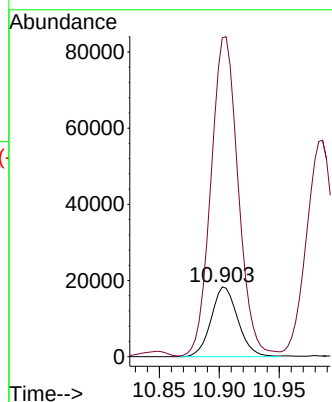
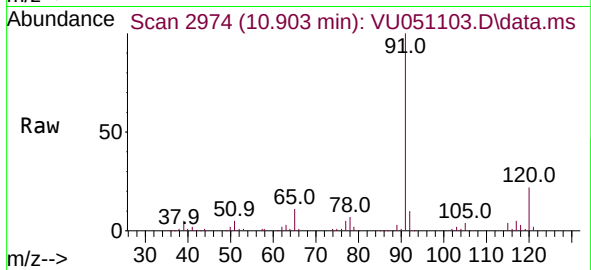




#73
n-propylbenzene
Concen: 1.529 ug/l
RT: 10.903 min Scan# 2975
Delta R.T. -0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

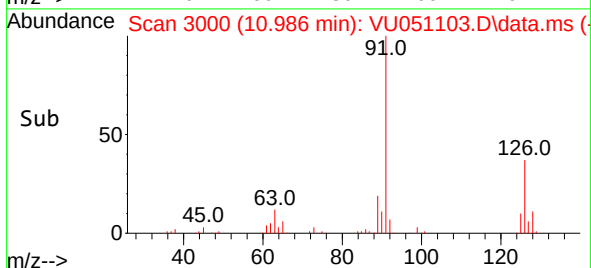
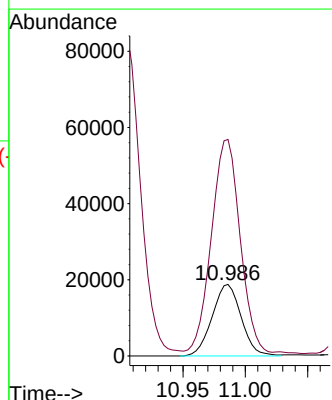
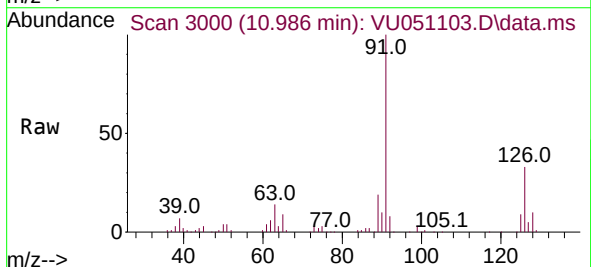
Instrument :
MSVOA_U
ClientSampleId :

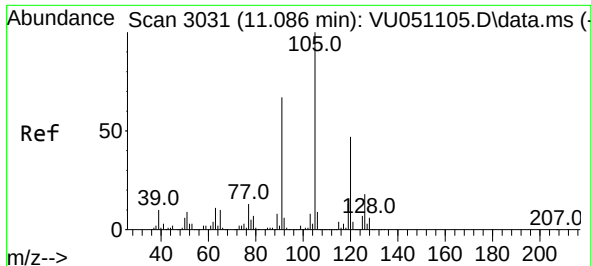
Tgt Ion:120 Resp: 28341
Ion Ratio Lower Upper
120 100
91 467.5 367.8 551.6



#74
2-Chlorotoluene
Concen: 1.830 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion:126 Resp: 30446
Ion Ratio Lower Upper
126 100
91 294.0 0.0 620.6

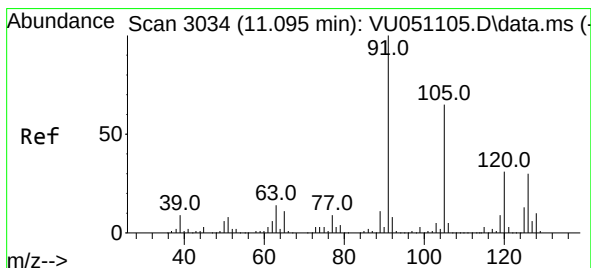
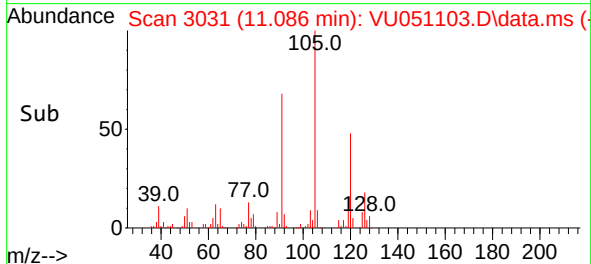
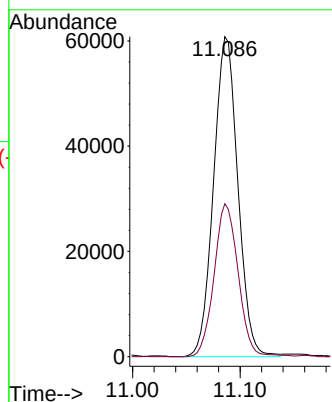
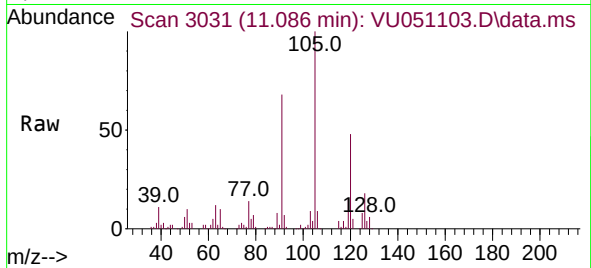




#75
1,3,5-Trimethylbenzene
Concen: 1.556 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

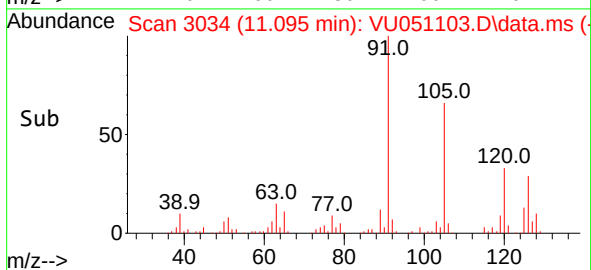
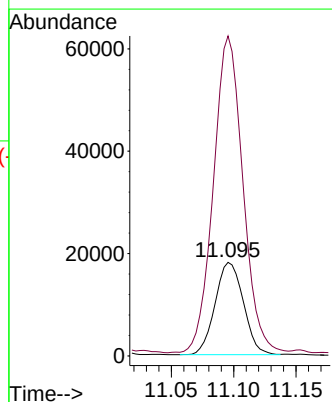
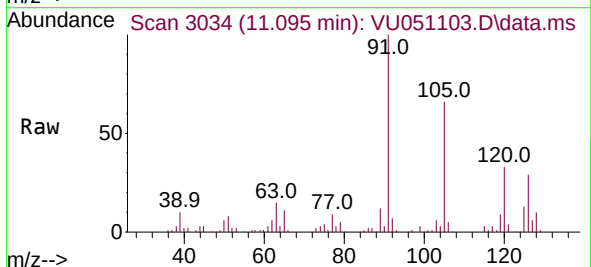
Instrument :
MSVOA_U
ClientSampleId :

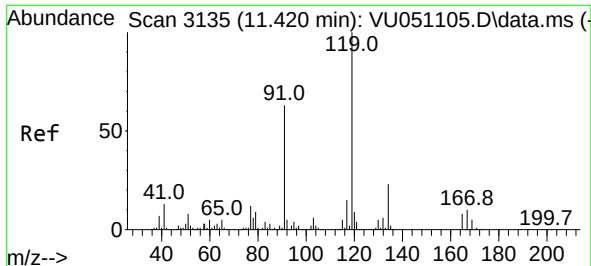
Tgt Ion:105 Resp: 95562
Ion Ratio Lower Upper
105 100
120 47.3 37.6 56.4



#76
4-Chlorotoluene
Concen: 1.686 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion:126 Resp: 28468
Ion Ratio Lower Upper
126 100
91 356.1 0.0 738.8

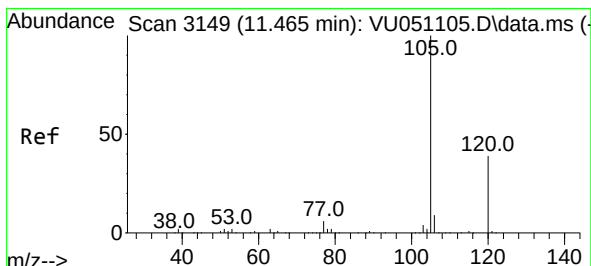
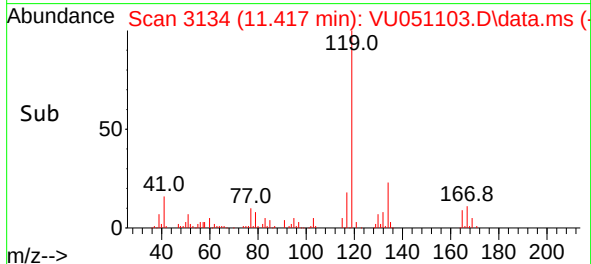
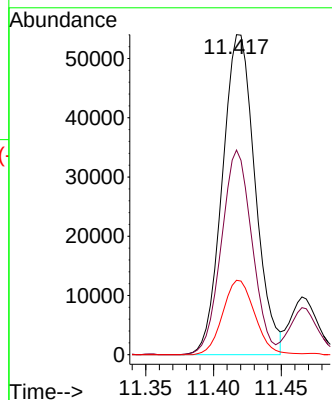
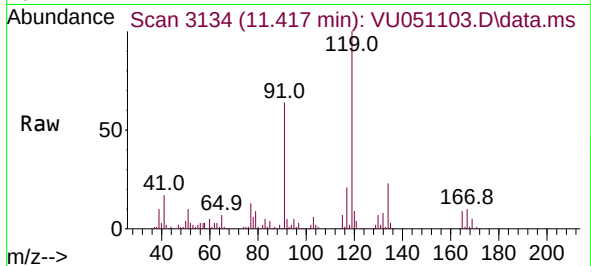




#77
tert-Butylbenzene
Concen: 1.525 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

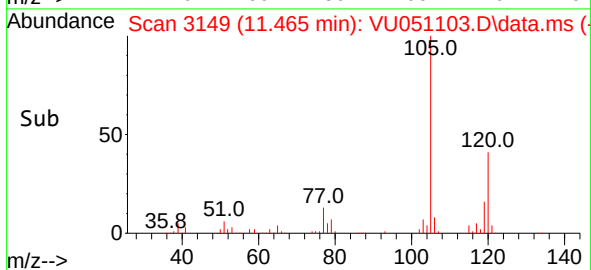
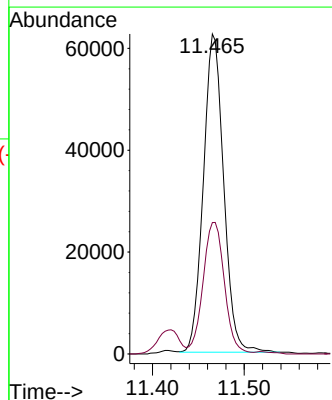
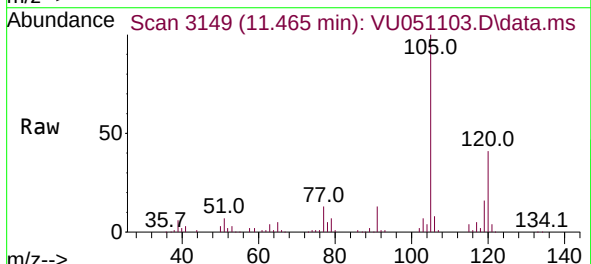
Instrument :
MSVOA_U
ClientSampleId :

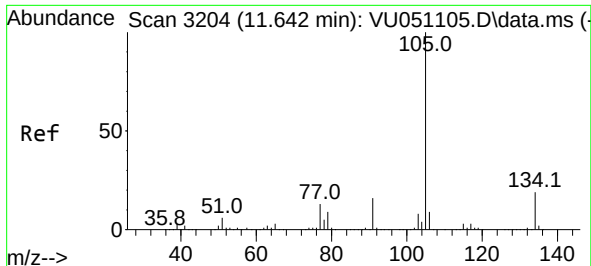
Tgt Ion:119 Resp: 90909
Ion Ratio Lower Upper
119 100
91 59.8 30.4 91.3
134 22.7 17.8 26.6



#78
1,2,4-Trimethylbenzene
Concen: 1.547 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion:105 Resp: 96222
Ion Ratio Lower Upper
105 100
120 42.6 21.6 65.0

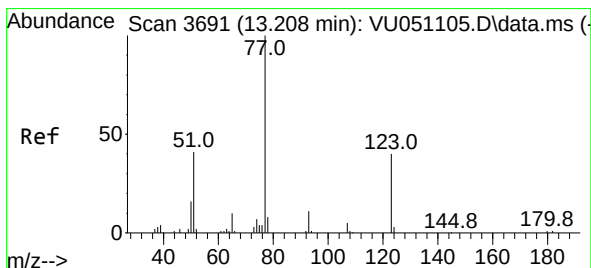
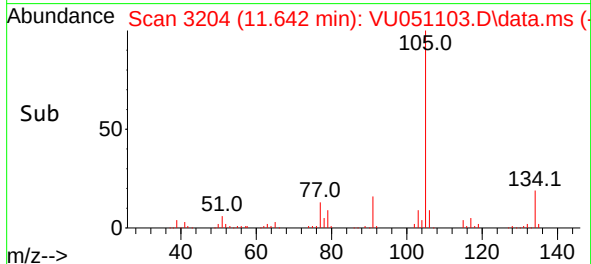
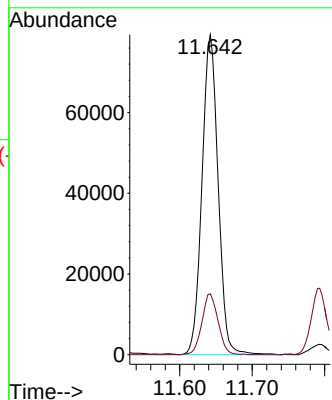
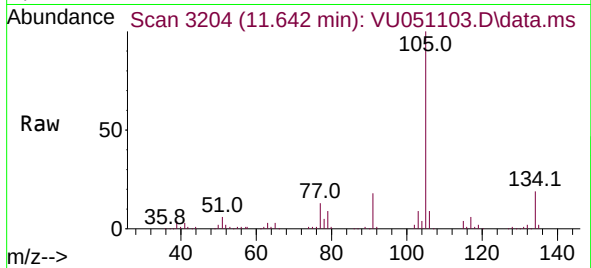




#79
 sec-Butylbenzene
 Concen: 1.549 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051103.D
 Acq: 04 Oct 2022 12:00

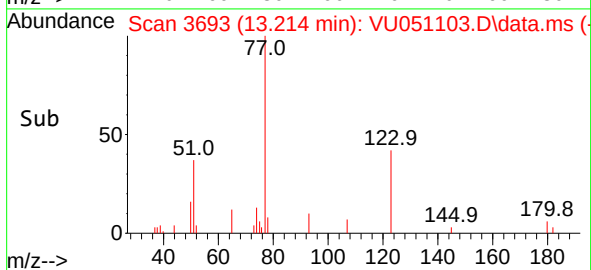
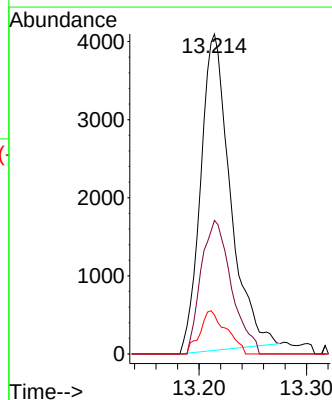
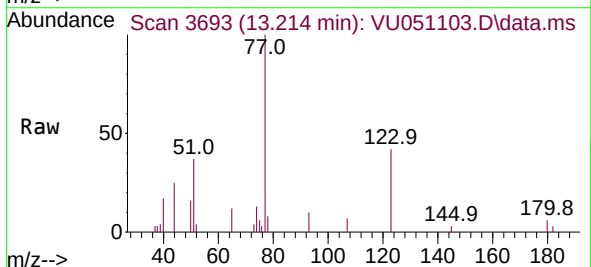
Instrument :
 MSVOA_U
 ClientSampleId :

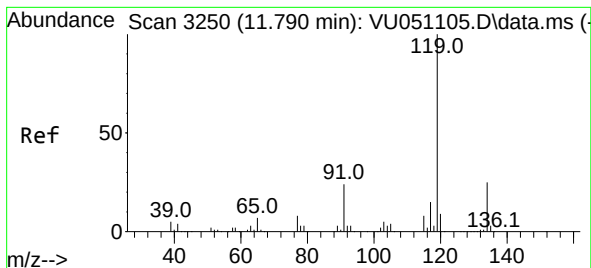
Tgt Ion:105 Resp: 122561
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.4 23.0



#80
 Nitrobenzene
 Concen: 11.458 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.007 min
 Lab File: VU051103.D
 Acq: 04 Oct 2022 12:00

Tgt Ion: 77 Resp: 7720
 Ion Ratio Lower Upper
 77 100
 123 43.3 18.1 64.3
 65 12.1 10.8 13.8





#81

p-Isopropyltoluene

Concen: 1.417 ug/l

RT: 11.793 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

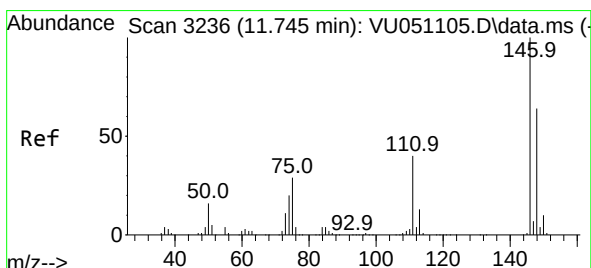
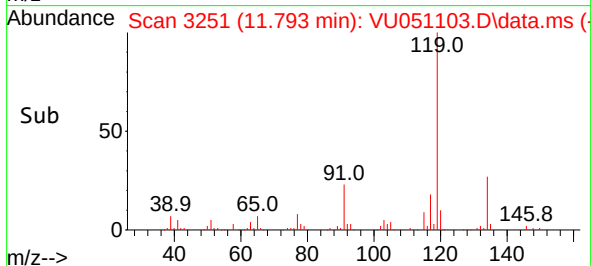
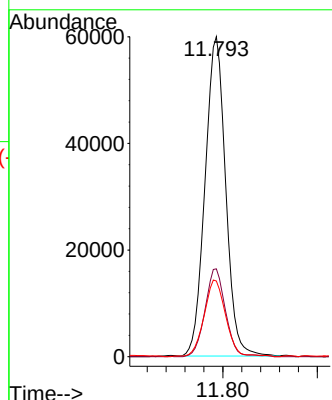
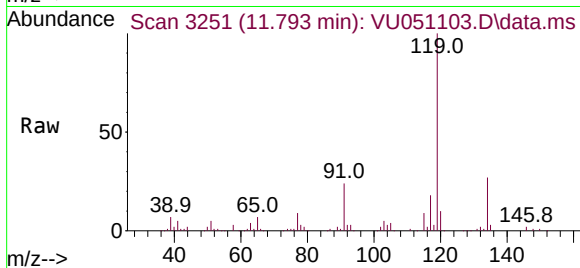
Tgt Ion:119 Resp: 90768

Ion Ratio Lower Upper

119 100

134 27.3 20.5 30.7

91 25.3 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 2.108 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU051103.D

Acq: 04 Oct 2022 12:00

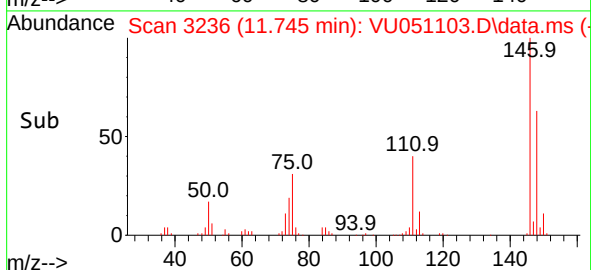
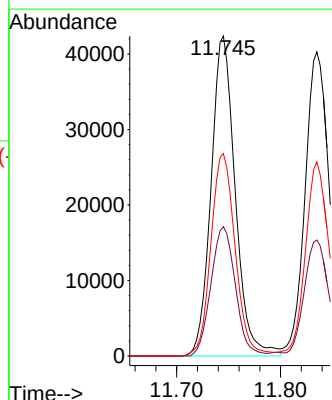
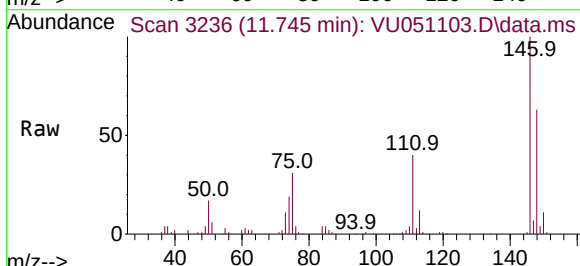
Tgt Ion:146 Resp: 68457

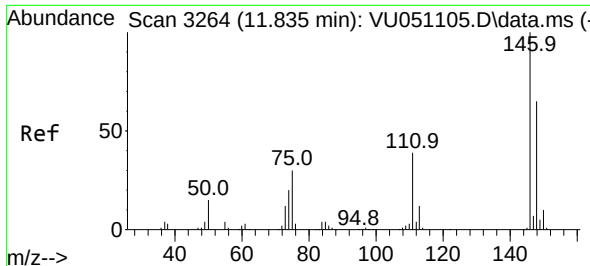
Ion Ratio Lower Upper

146 100

111 40.8 33.4 50.2

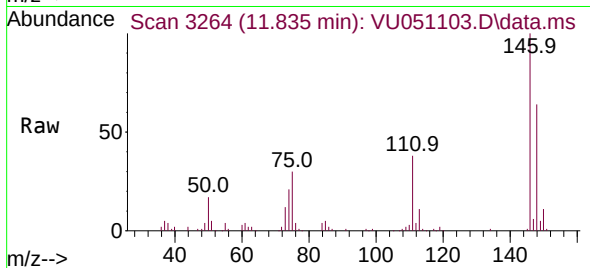
148 63.7 51.2 76.8



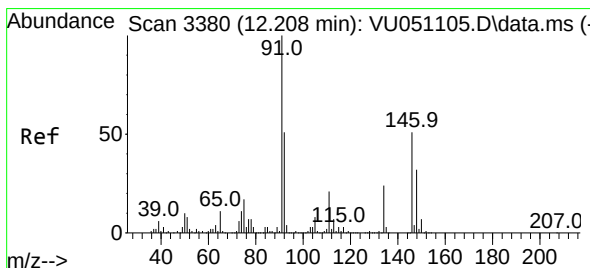
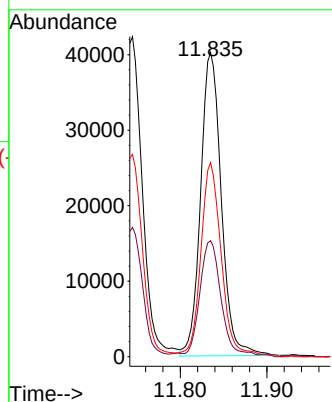
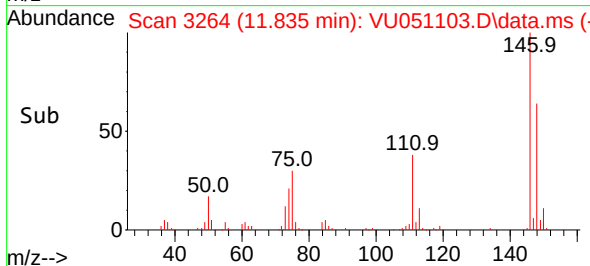


#83
1,4-Dichlorobenzene
Concen: 2.023 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

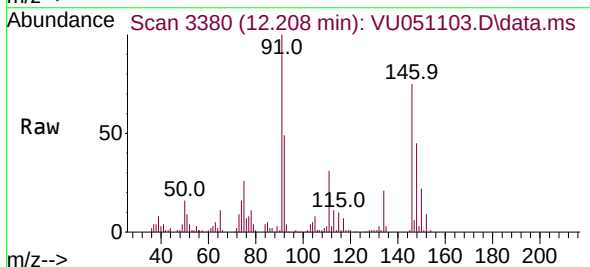
Instrument :
MSVOA_U
ClientSampleId :



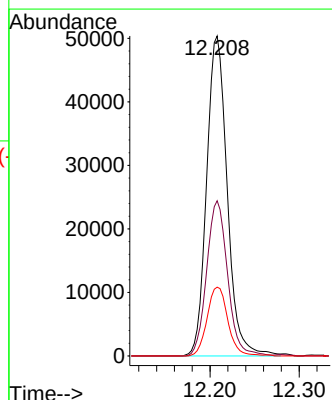
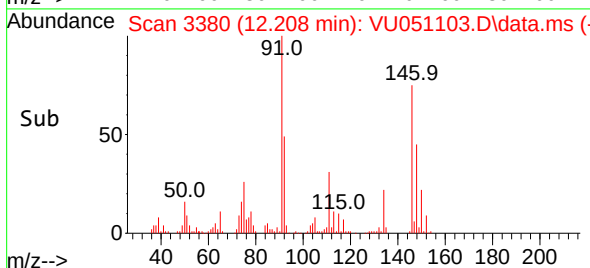
Tgt Ion:146 Resp: 66712
Ion Ratio Lower Upper
146 100
111 37.7 32.6 49.0
148 63.5 51.6 77.4

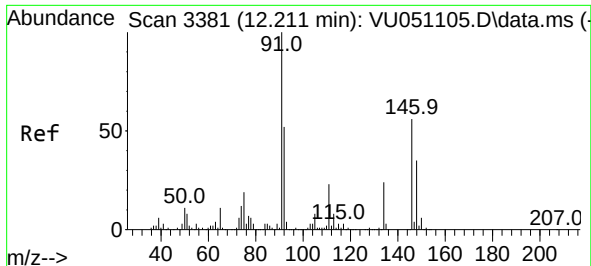


#84
n-Butylbenzene
Concen: 1.370 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00



Tgt Ion: 91 Resp: 80868
Ion Ratio Lower Upper
91 100
92 49.3 42.3 63.5
134 21.6 19.6 29.4

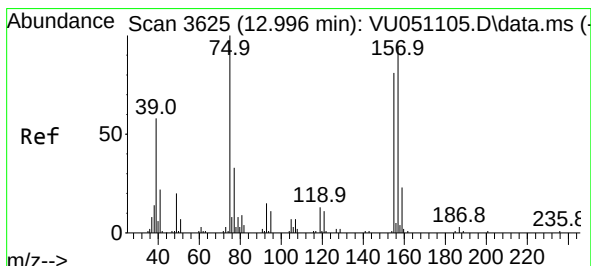
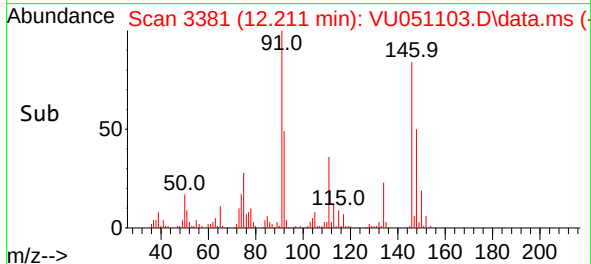
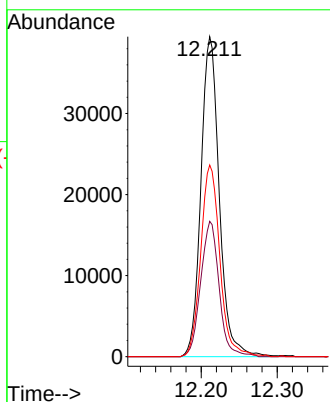
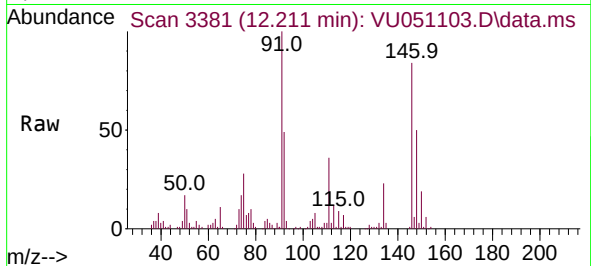




#85
 1,2-Dichlorobenzene
 Concen: 2.085 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU051103.D
 Acq: 04 Oct 2022 12:00

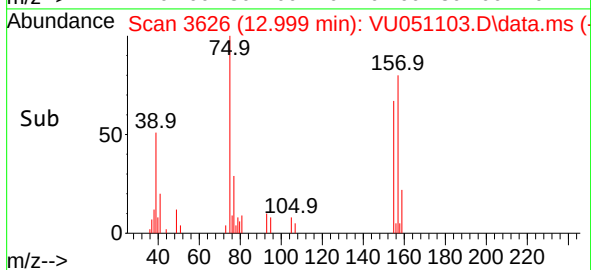
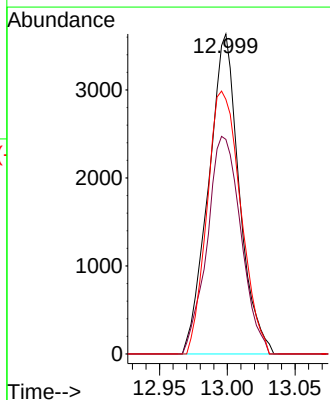
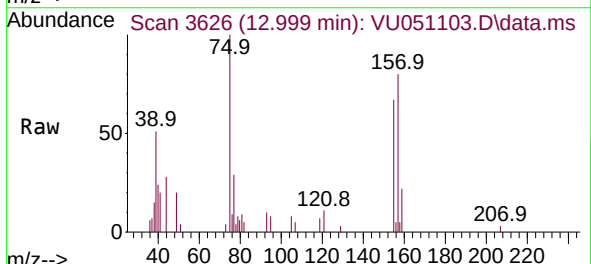
Instrument :
 MSVOA_U
 ClientSampleId :

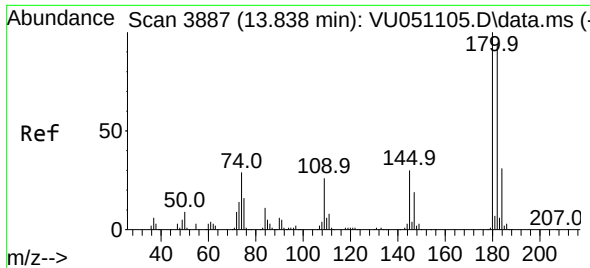
Tgt Ion:146 Resp: 66173
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.1 66.1
 148 62.5 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.088 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU051103.D
 Acq: 04 Oct 2022 12:00

Tgt Ion: 75 Resp: 5725
 Ion Ratio Lower Upper
 75 100
 155 74.7 66.8 100.2
 157 90.0 83.8 125.8

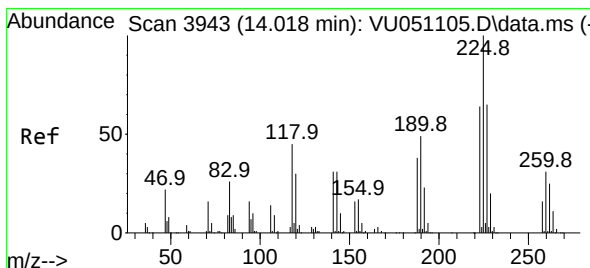
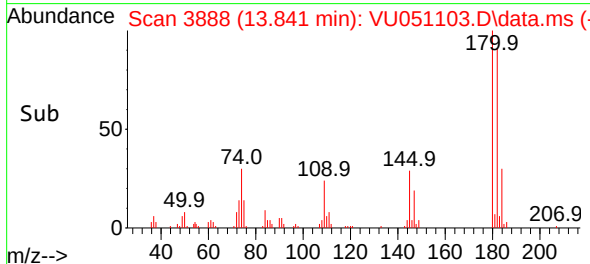
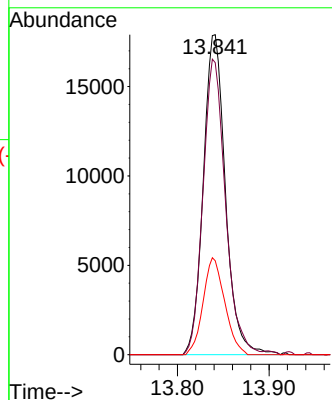
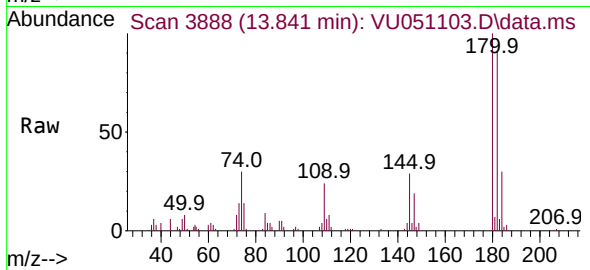




#87
 1,2,4-Trichlorobenzene
 Concen: 1.492 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU051103.D
 Acq: 04 Oct 2022 12:00

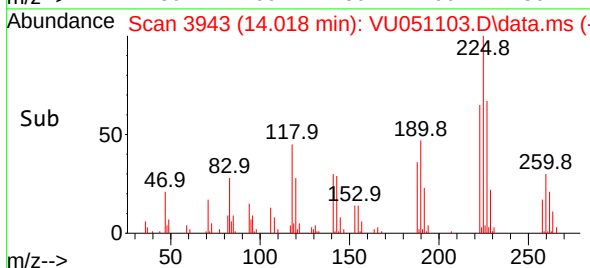
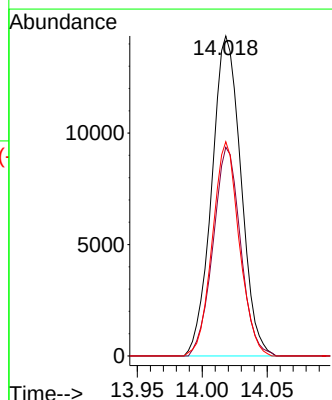
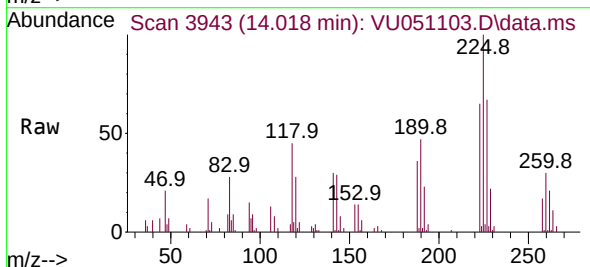
Instrument :
 MSVOA_U
 ClientSampleId :

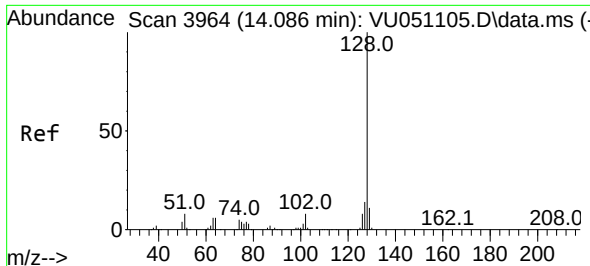
Tgt Ion:180 Resp: 30043
 Ion Ratio Lower Upper
 180 100
 182 93.4 77.0 115.6
 145 29.6 25.7 38.5



#88
 Hexachlorobutadiene
 Concen: 2.087 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. 0.000 min
 Lab File: VU051103.D
 Acq: 04 Oct 2022 12:00

Tgt Ion:225 Resp: 22409
 Ion Ratio Lower Upper
 225 100
 223 61.3 50.6 76.0
 227 61.7 50.7 76.1

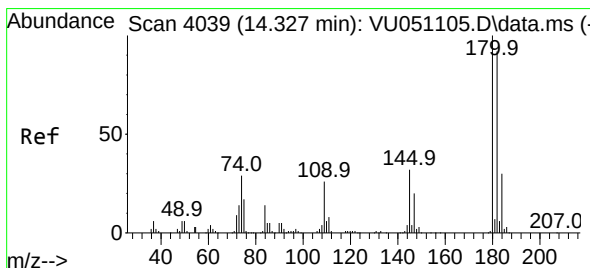
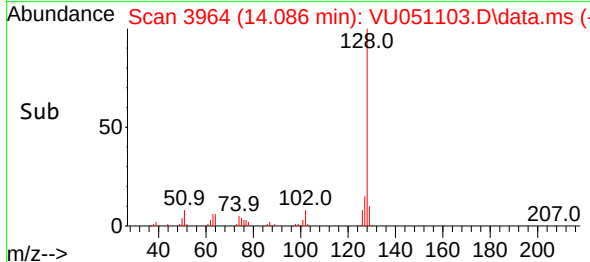
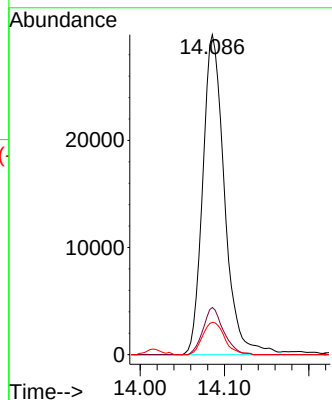
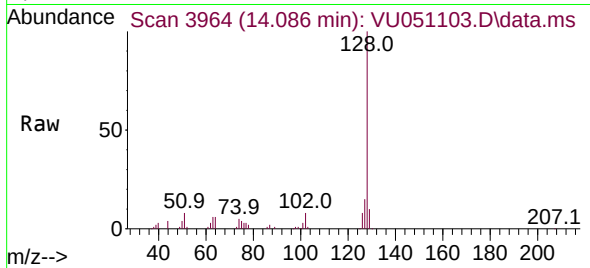




#89
Naphthalene
Concen: 1.284 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 53723
Ion Ratio Lower Upper
128 100
127 13.8 10.1 15.1
129 10.2 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 1.556 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051103.D
Acq: 04 Oct 2022 12:00

Tgt Ion:180 Resp: 30568
Ion Ratio Lower Upper
180 100
182 96.9 76.6 114.8
145 30.0 27.3 40.9

