

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
 Data File : VU051107.D
 Acq On : 04 Oct 2022 14:21
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 05 02:47:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 02:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	60918	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	23208	1.160	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	23692	1.065	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	117886	5.888	ug/l	99
3) Chloromethane	1.523	50	205169	7.639	ug/l	99
4) Vinyl Chloride	1.604	62	201424	7.899	ug/l	100
5) Bromomethane	1.861	94	134861	8.307	ug/l	98
6) Chloroethane	1.935	64	137525	8.595	ug/l	99
7) Trichlorofluoromethane	2.141	101	247596	8.567	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	150467	9.046	ug/l	95
9) 1,1-Dichloroethene	2.581	96	161284	9.203	ug/l	98
10) Iodomethane	2.723	142	247525	9.688	ug/l	95
11) Allyl Chloride	2.925	41	283155	10.327	ug/l	93
12) Acrylonitrile	3.327	53	275221	50.232	ug/l	97
13) Acetone	2.658	43	188685	64.568	ug/l	92
14) Carbon Disulfide	2.793	76	517164	7.792	ug/l	100
15) Methylene Chloride	3.044	84	216258	10.345	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	183020	9.247	ug/l	97
17) 1,1-Dichloroethane	3.867	63	344893	9.995	ug/l	99
18) 2-Butanone	4.729	43	229241	51.280	ug/l	98
19) Cyclohexane	5.385	56	220925	9.545	ug/l	87
20) Methylcyclohexane	6.761	83	238538	10.296	ug/l	99
21) 2,2-Dichloropropane	4.665	77	237727	10.104	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	200222	10.537	ug/l	96
23) Diethyl Ether	2.379	59	152306	9.750	ug/l	99
24) tert-Butyl Alcohol	3.282	59	14903	20.217	ug/l	# 73
25) Methyl tert-Butyl Ether	3.366	73	488543	10.492	ug/l	97
26) Bromochloromethane	4.973	128	69835	7.645	ug/l	96
27) Chloroform	5.089	83	351955	10.021	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	266437	9.585	ug/l	98
29) 1,1-Dichloropropene	5.523	75	235268	10.641	ug/l	99
30) Carbon Tetrachloride	5.523	117	223465	9.479	ug/l	97
31) Isopropyl Ether	3.996	45	548557	12.109	ug/l	# 1
32) Ethyl-t-butyl ether	4.665	59	6196	0.156	ug/l	# 35
33) Tert-Amyl methyl ether	5.774	73	12756	0.359	ug/l	# 1
34) Propionitrile	4.806	54	178746	122.350	ug/l	# 90
35) Benzene	5.774	78	763688	10.371	ug/l	98
36) 1,2-Dichloroethane	5.796	62	228262	9.876	ug/l	99
37) Trichloroethene	6.542	130	177371	9.898	ug/l	100
38) 1,2-Dichloropropane	6.790	63	206072	10.251	ug/l	97
39) Methacrylonitrile	4.983	41	61867	11.712	ug/l	92
40) Methyl acrylate	4.851	55	109415	11.983	ug/l	# 93
41) Tetrahydrofuran	5.073	42	171548	61.310	ug/l	96
42) 1-Chlorobutane	5.459	56	328679	10.653	ug/l	97
43) Dibromomethane	6.919	93	116423	10.785	ug/l	96
44) Bromodichloromethane	7.105	83	260972	10.357	ug/l	96

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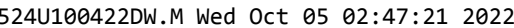
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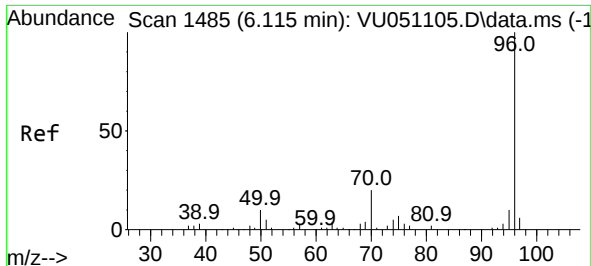
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 02:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	637684	56.204	ug/l	98
46) t-1,4-Dichloro-2-butene	10.822	75	197110	52.666	ug/l #	38
47) Methyl methacrylate	6.964	69	92138	10.668	ug/l	93
48) Ethyl methacrylate	8.333	69	174066	12.021	ug/l	94
49) Toluene	7.967	92	456977	11.429	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	232060	11.454	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	266415	11.284	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	159993	10.216	ug/l	99
53) 1,3-Dichloropropane	8.574	76	270033	10.860	ug/l	99
54) 2-Hexanone	8.687	43	441835	55.023	ug/l	99
55) Dibromochloromethane	8.809	129	173070	10.143	ug/l	99
56) 1,2-Dibromoethane	8.922	107	151180	10.783	ug/l	99
58) Tetrachloroethene	8.552	164	181575	10.021	ug/l	98
59) Chlorobenzene	9.446	112	458403	10.397	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	174739	10.103	ug/l	96
61) Pentachloroethane	11.423	117	125339	10.472	ug/l	88
62) Hexachloroethane	12.475	117	139897	10.128	ug/l	97
63) Ethyl Benzene	9.568	91	819084	12.098	ug/l	99
64) m/p-Xylenes	9.693	106	678670	20.791	ug/l	98
65) o-Xylene	10.099	106	315608	12.162	ug/l	98
66) Styrene	10.111	104	563477	10.619	ug/l	98
67) Bromoform	10.288	173	104023	10.562	ug/l	100
69) Isopropylbenzene	10.481	105	824806	10.504	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	203341	10.169	ug/l	99
71) 1,2,3-Trichloropropane	10.822	75	197110	12.145	ug/l	77
72) Bromobenzene	10.780	156	202814	11.542	ug/l	100
73) n-propylbenzene	10.906	120	220065	10.066	ug/l	99
74) 2-Chlorotoluene	10.986	126	206486	12.129	ug/l	98
75) 1,3,5-Trimethylbenzene	11.086	105	746579	10.474	ug/l	100
76) 4-Chlorotoluene	11.095	126	213583	10.438	ug/l	95
77) tert-Butylbenzene	11.420	119	637331	11.991	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	759589	10.237	ug/l	99
79) sec-Butylbenzene	11.642	105	903601	10.100	ug/l	99
80) Nitrobenzene	13.211	77	9290	9.847	ug/l	93
81) p-Isopropyltoluene	11.793	119	744413	10.101	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	415120	11.209	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	418092	11.454	ug/l	98
84) n-Butylbenzene	12.208	91	668762	9.931	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	400571	10.980	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	33024	10.681	ug/l	93
87) 1,2,4-Trichlorobenzene	13.838	180	236797	11.418	ug/l	98
88) Hexachlorobutadiene	14.018	225	131384	10.362	ug/l	99
89) Naphthalene	14.086	128	465705	13.160	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	231633	10.725	ug/l	98

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

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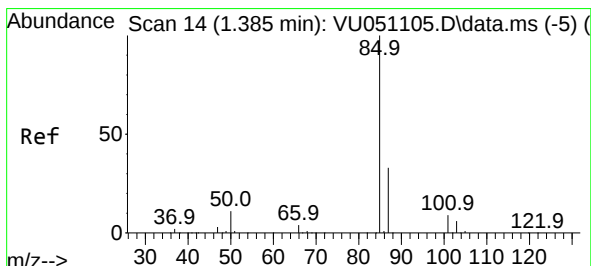
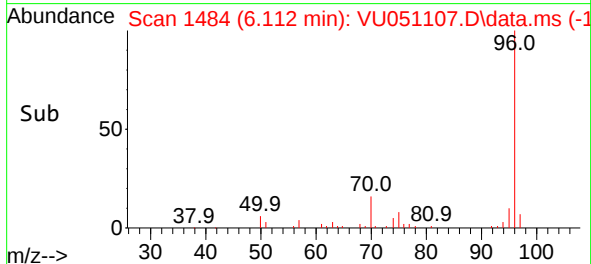
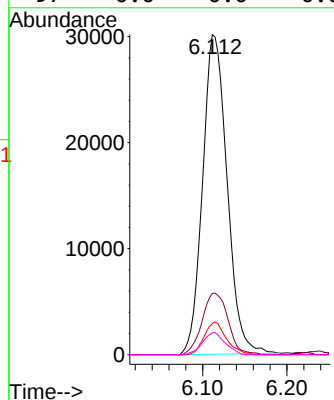
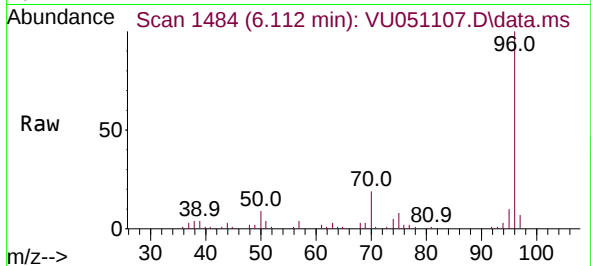




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

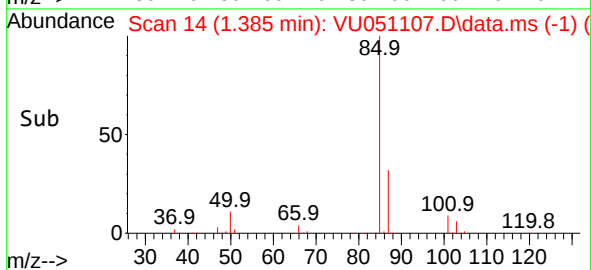
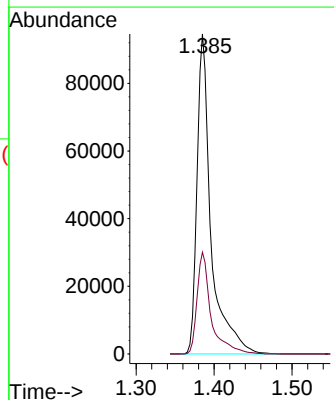
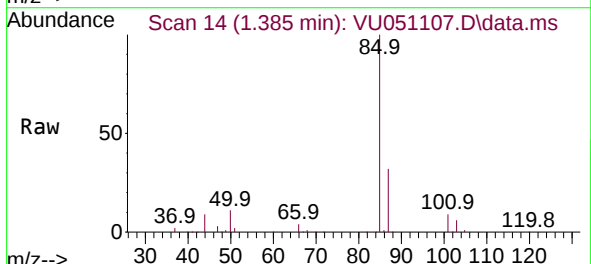
Instrument :
MSVOA_U
ClientSampleId :

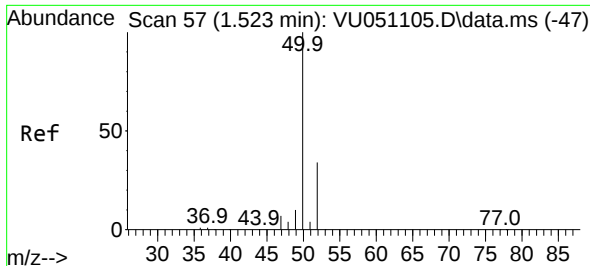
Tgt Ion: 96	Resp: 60918
Ion Ratio	Lower Upper
96 100	
70 20.4	16.7 25.1
95 9.2	7.4 11.0
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 5.888 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

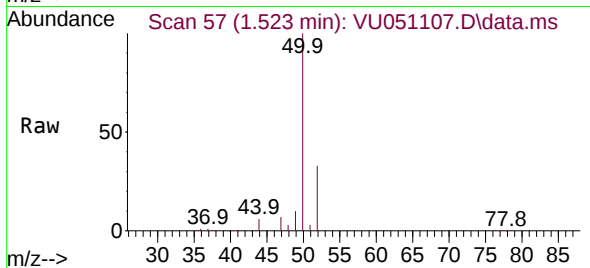
Tgt Ion: 85	Resp: 117886
Ion Ratio	Lower Upper
85 100	
87 31.8	16.3 48.8



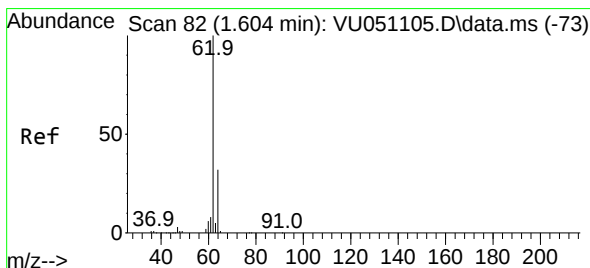
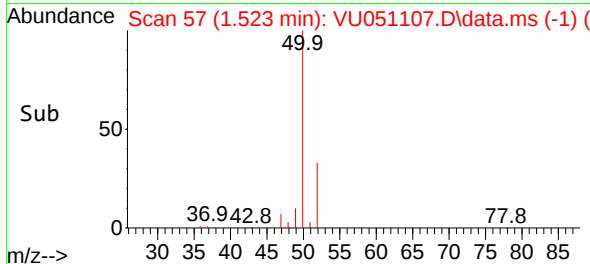
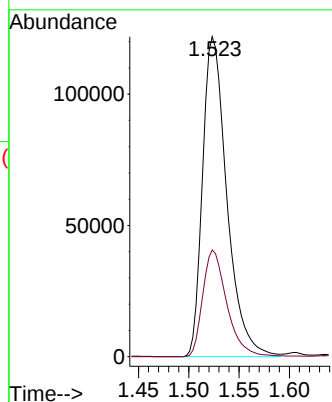


#3
Chloromethane
Concen: 7.639 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Instrument :
MSVOA_U
ClientSampleId :

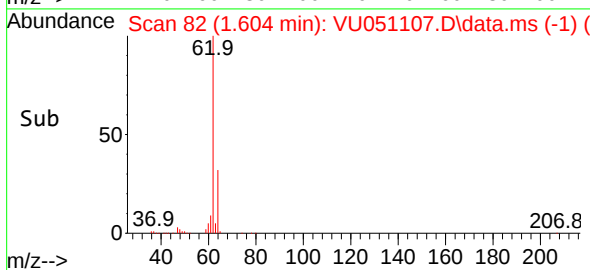
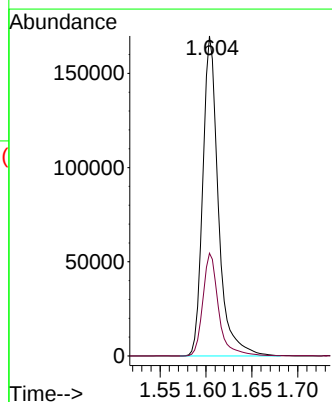
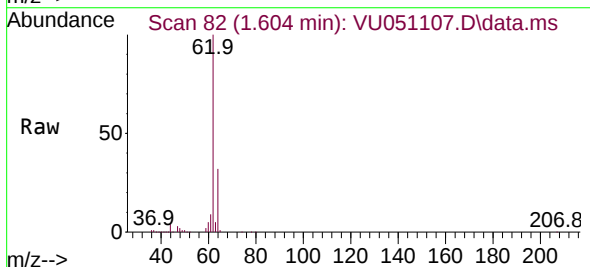


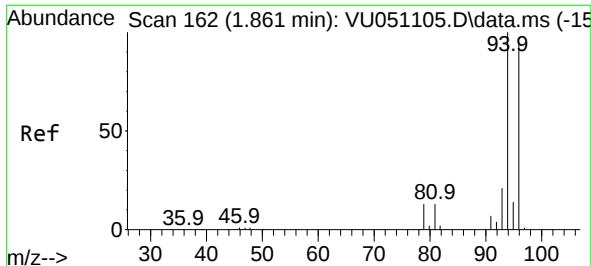
Tgt Ion: 50 Resp: 205169
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1



#4
Vinyl Chloride
Concen: 7.899 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 62 Resp: 201424
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

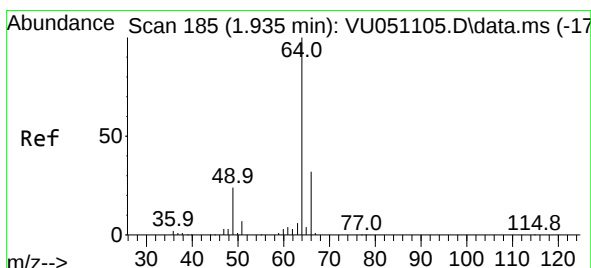
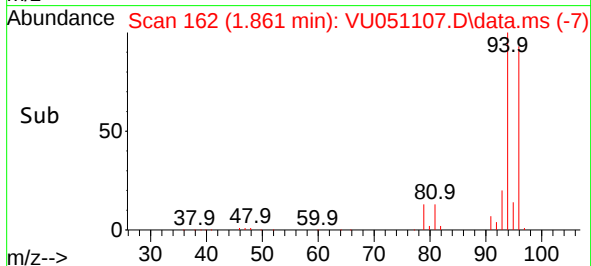
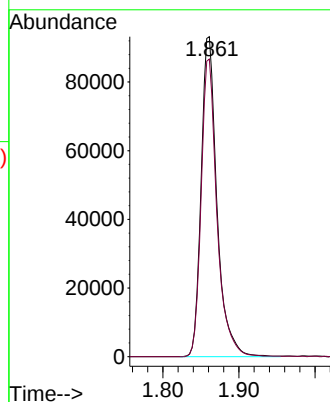
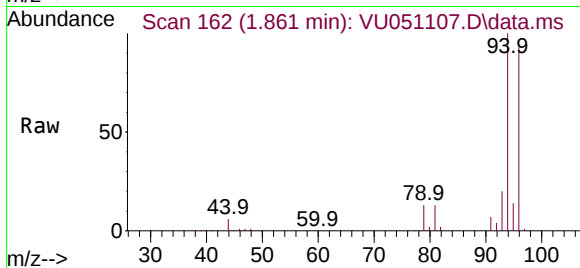




#5
Bromomethane
Concen: 8.307 ug/l
RT: 1.861 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

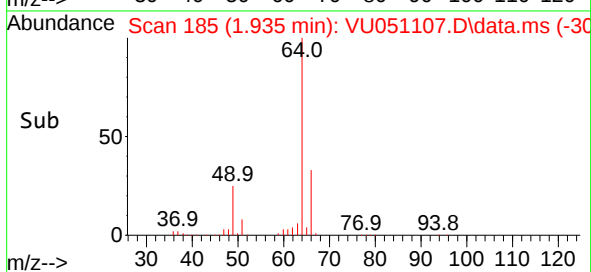
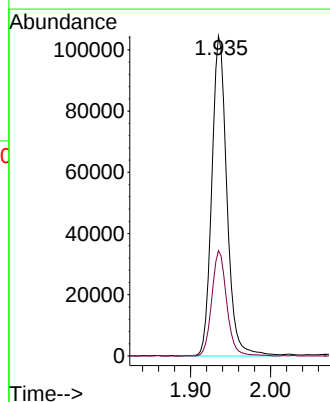
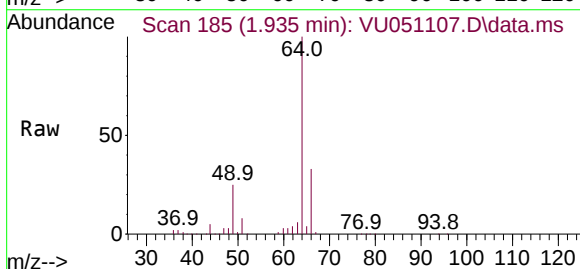
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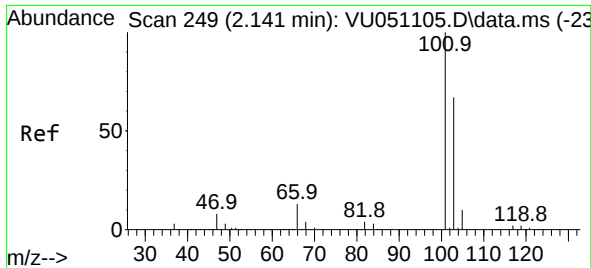
Tgt Ion: 94 Resp: 134861
Ion Ratio Lower Upper
94 100
96 93.0 73.0 109.6



#6
Chloroethane
Concen: 8.595 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 64 Resp: 137525
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.6

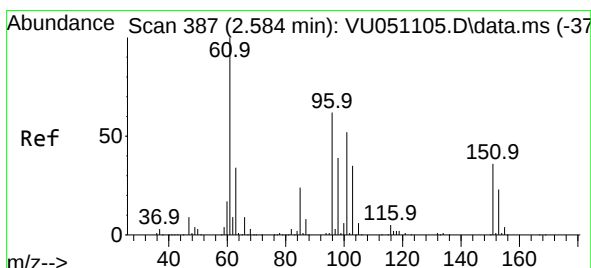
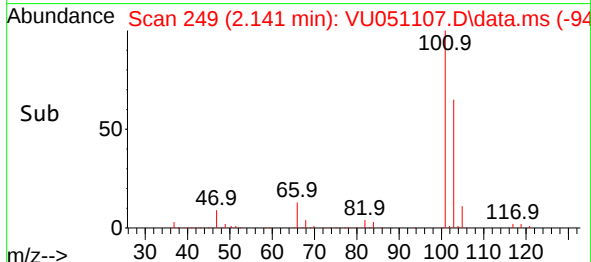
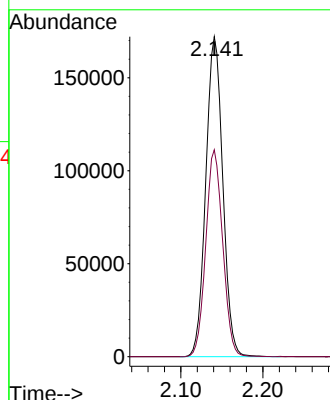
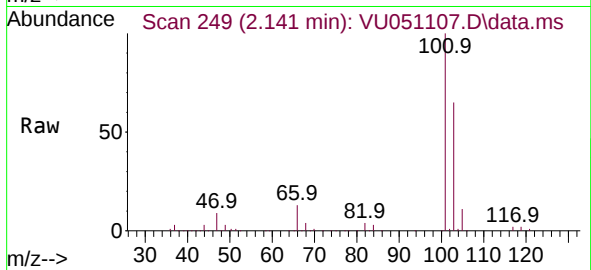




#7
Trichlorofluoromethane
Concen: 8.567 ug/l
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

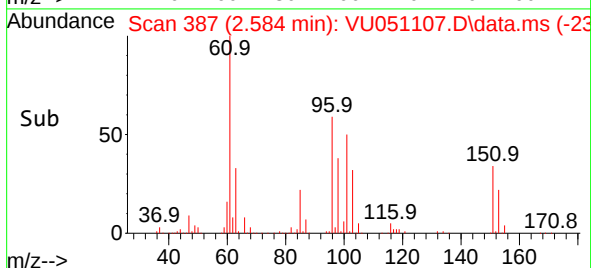
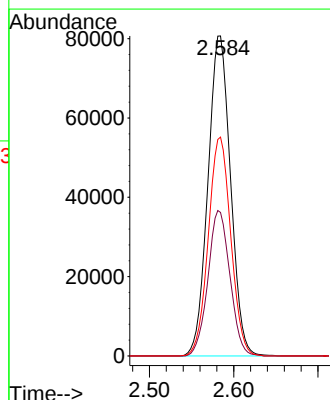
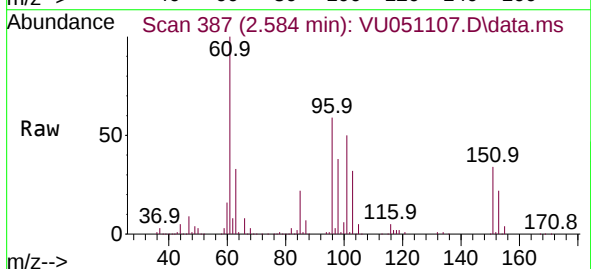
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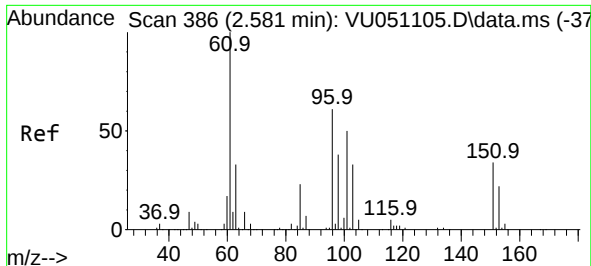
Tgt Ion:101 Resp: 247596
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.046 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion:101 Resp: 150467
Ion Ratio Lower Upper
101 100
85 44.2 36.4 54.6
151 68.0 59.1 88.7

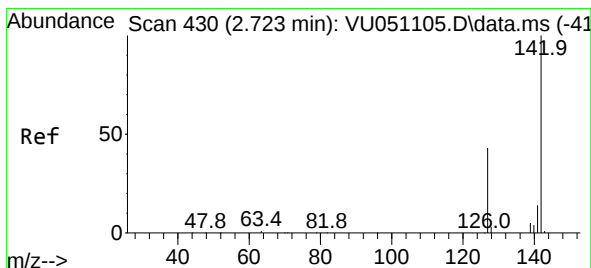
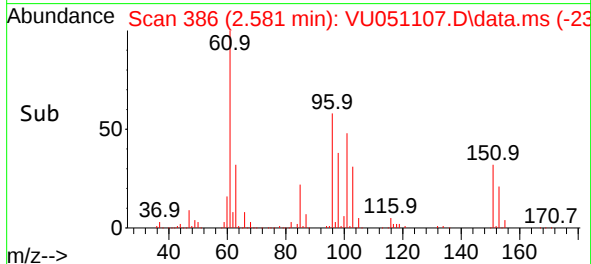
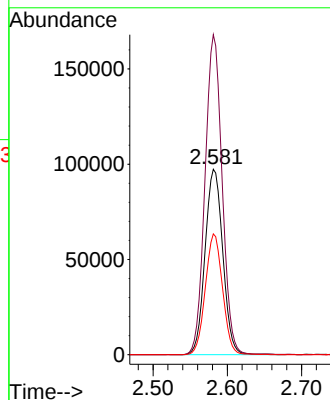
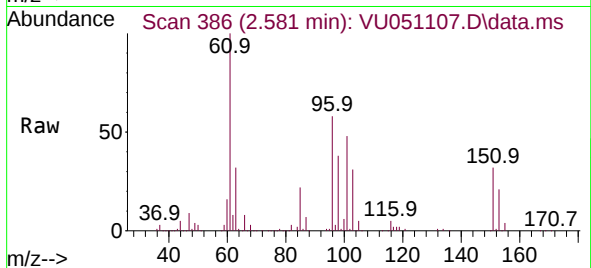




#9
1,1-Dichloroethene
Concen: 9.203 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051107.D
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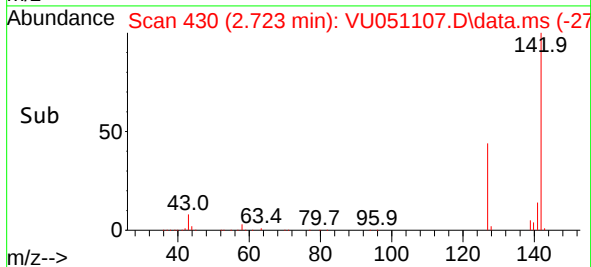
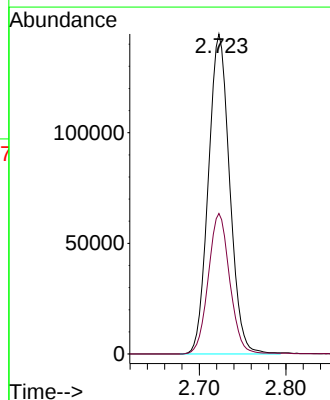
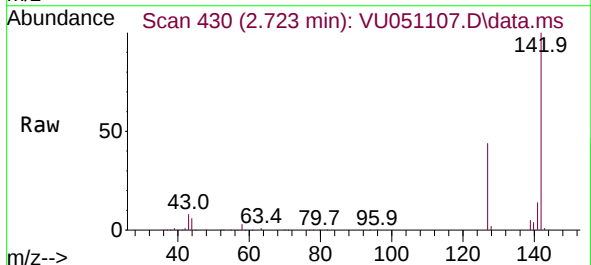
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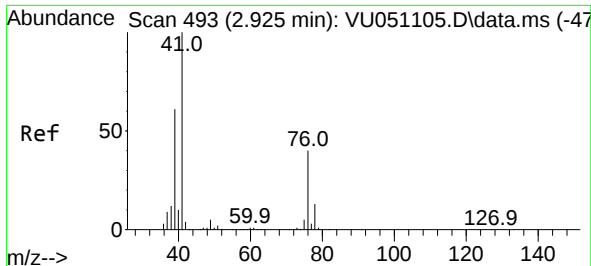
Tgt Ion: 96 Resp: 161284
Ion Ratio Lower Upper
96 100
61 172.5 0.0 510.6
98 65.1 0.0 124.6



#10
Iodomethane
Concen: 9.688 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

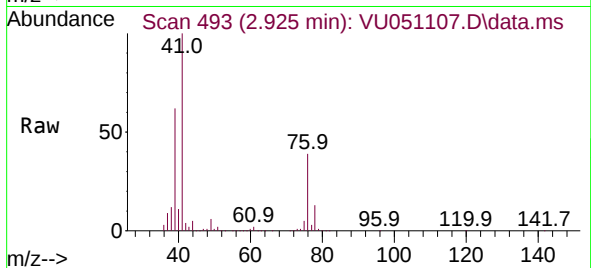
Tgt Ion: 142 Resp: 247525
Ion Ratio Lower Upper
142 100
127 44.1 38.2 57.2



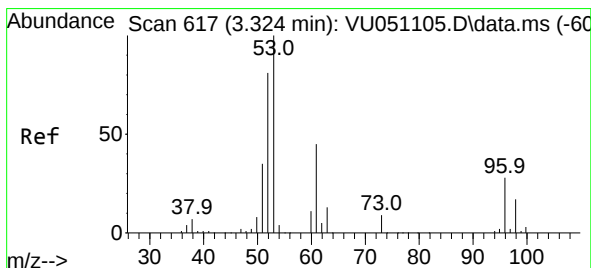
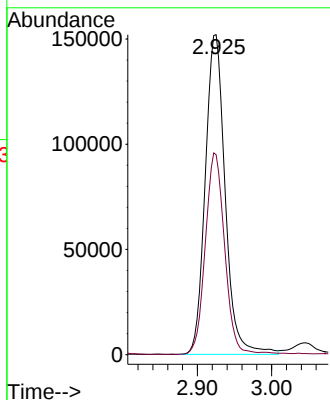
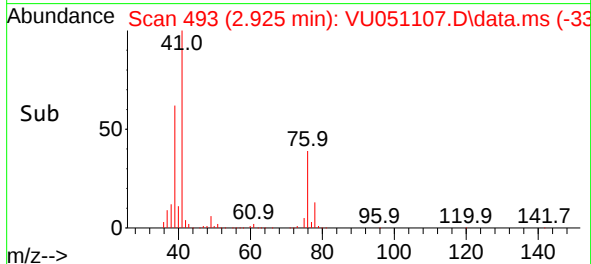


#11
 Allyl Chloride
 Concen: 10.327 ug/l
 RT: 2.925 min Scan# 493
 Delta R.T. -0.000 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21

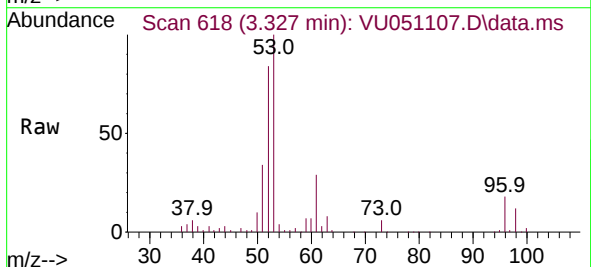
Instrument :
 MSVOA_U
 ClientSampleId :



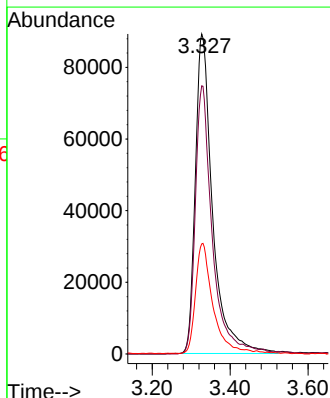
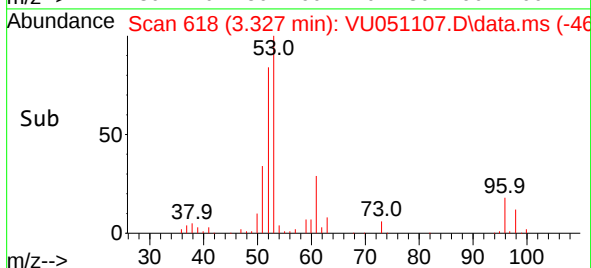
Tgt Ion: 41 Resp: 283155
 Ion Ratio Lower Upper
 41 100
 39 60.7 53.2 79.8

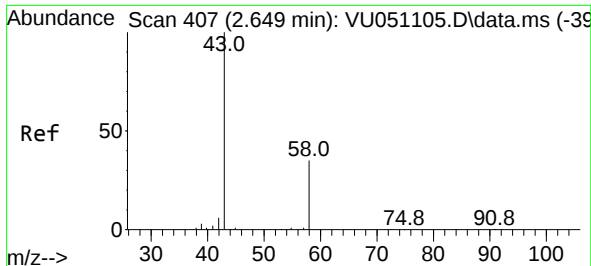


#12
 Acrylonitrile
 Concen: 50.232 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21



Tgt Ion: 53 Resp: 275221
 Ion Ratio Lower Upper
 53 100
 52 81.7 64.6 97.0
 51 34.4 30.7 46.1





#13

Acetone

Concen: 64.568 ug/l

RT: 2.658 min Scan# 410

Delta R.T. 0.009 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

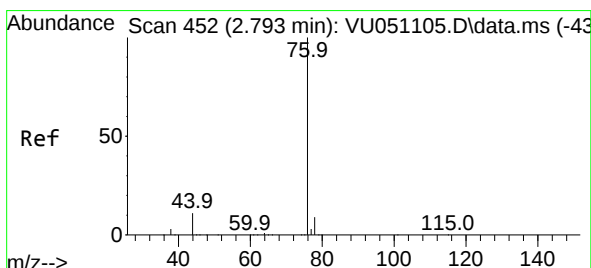
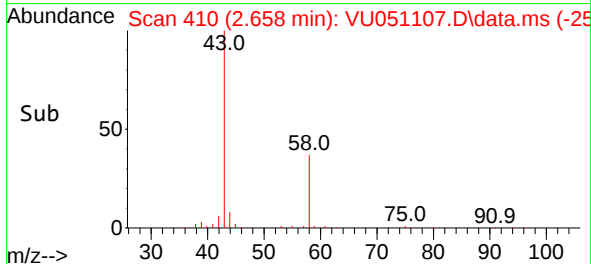
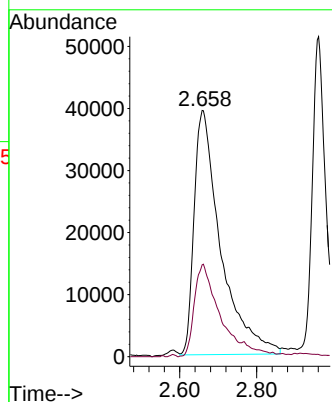
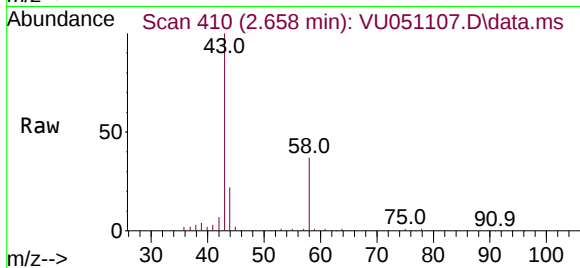
ClientSampleId :

Tgt Ion: 43 Resp: 188685

Ion Ratio Lower Upper

43 100

58 37.4 26.2 39.2



#14

Carbon Disulfide

Concen: 7.792 ug/l

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051107.D

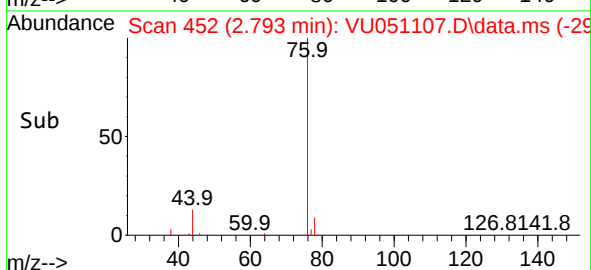
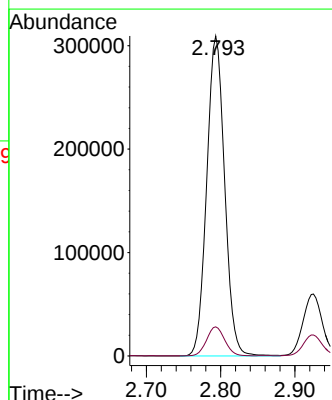
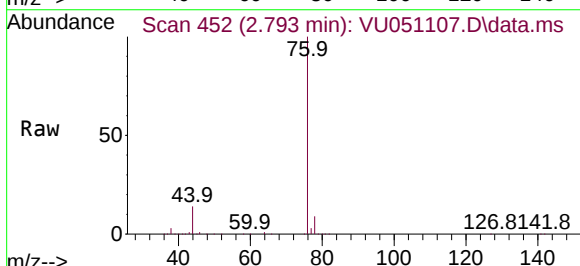
Acq: 04 Oct 2022 14:21

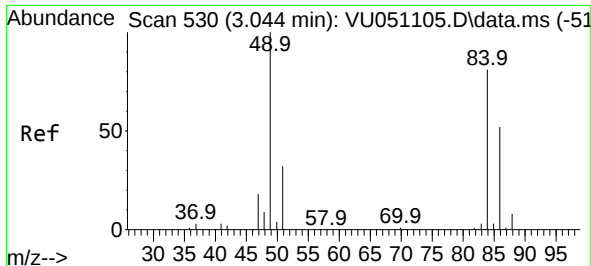
Tgt Ion: 76 Resp: 517164

Ion Ratio Lower Upper

76 100

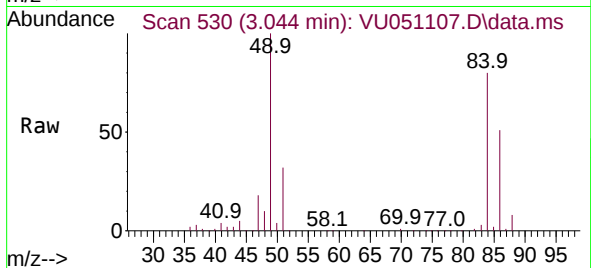
78 9.0 7.4 11.0





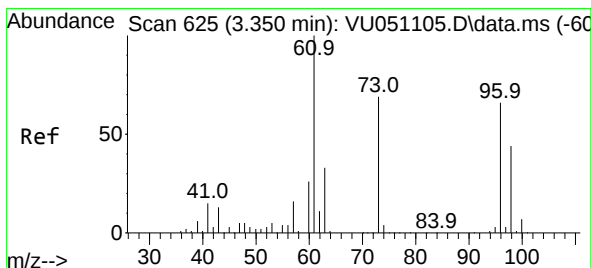
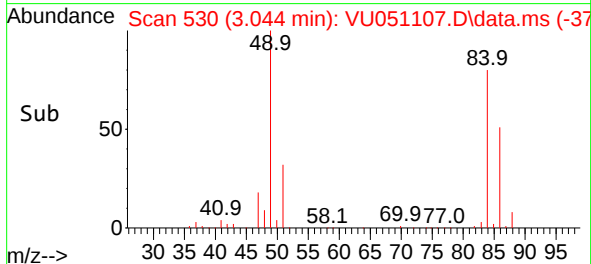
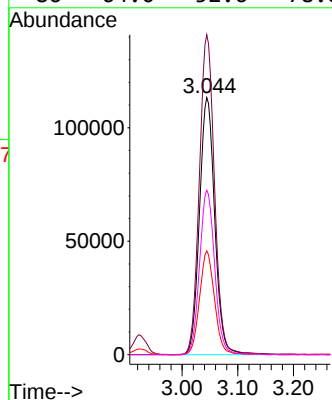
#15
Methylene Chloride
Concen: 10.345 ug/l
RT: 3.044 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 216258

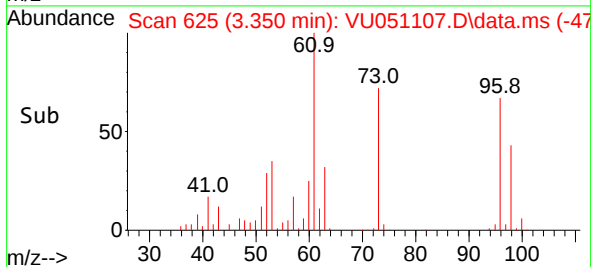
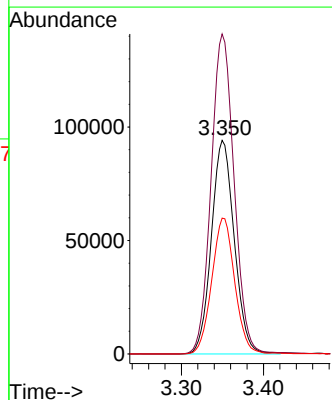
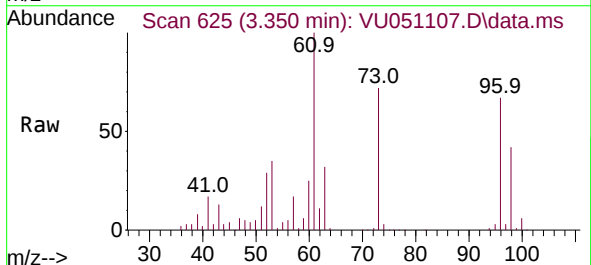
Ion	Ratio	Lower	Upper
84	100		
49	124.4	104.6	157.0
51	40.3	0.0	81.4
86	64.0	52.6	78.8

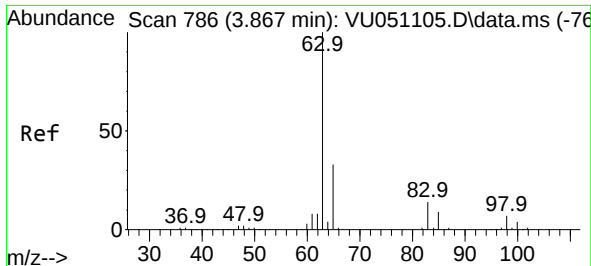


#16
trans-1,2-Dichloroethene
Concen: 9.247 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 96 Resp: 183020

Ion	Ratio	Lower	Upper
96	100		
61	149.8	123.4	185.0
98	63.6	51.6	77.4

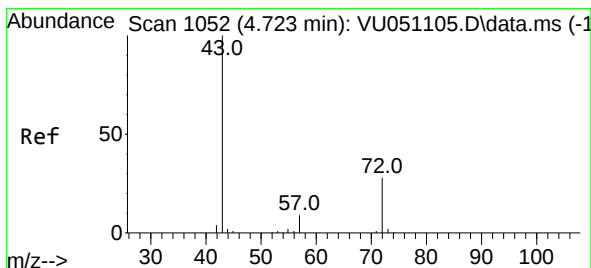
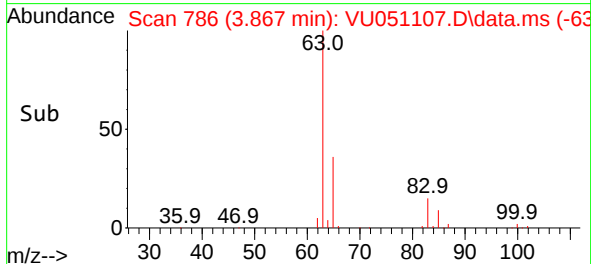
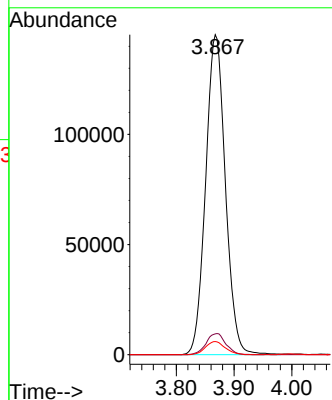
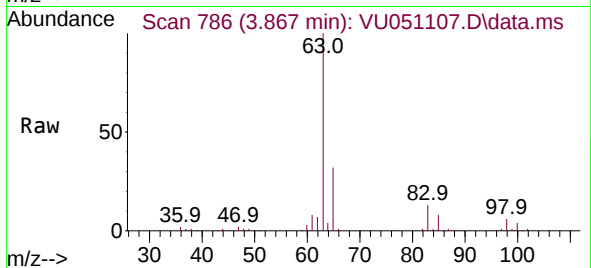




#17
 1,1-Dichloroethane
 Concen: 9.995 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21

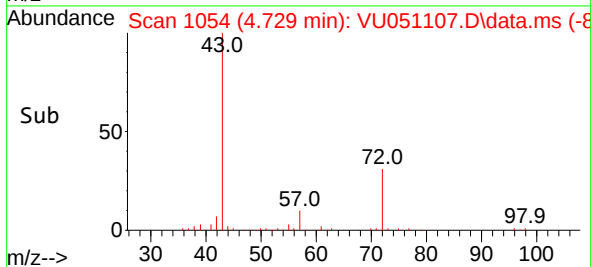
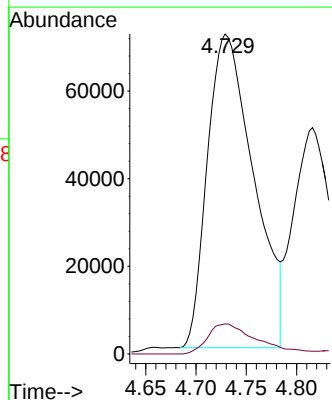
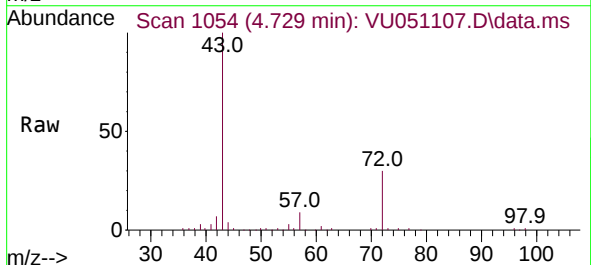
Instrument :
 MSVOA_U
 ClientSampleId :

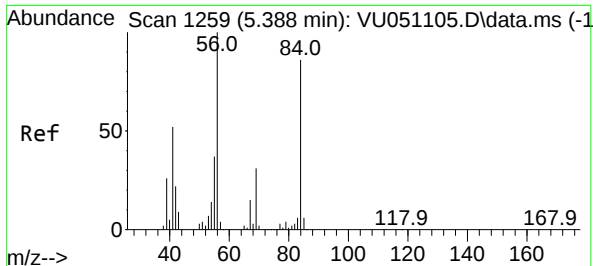
Tgt Ion: 63 Resp: 344893
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.1 2.0 6.0



#18
 2-Butanone
 Concen: 51.280 ug/l
 RT: 4.729 min Scan# 1054
 Delta R.T. 0.006 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21

Tgt Ion: 43 Resp: 229241
 Ion Ratio Lower Upper
 43 100
 57 9.6 0.0 18.0





#19

Cyclohexane

Concen: 9.545 ug/l

RT: 5.385 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

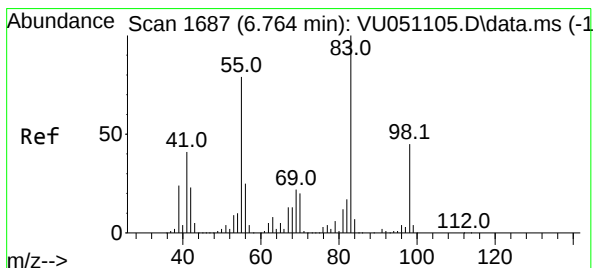
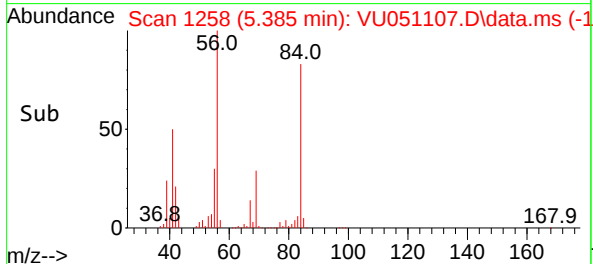
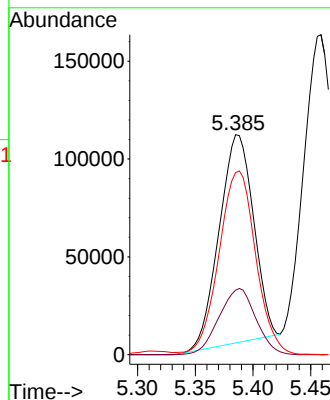
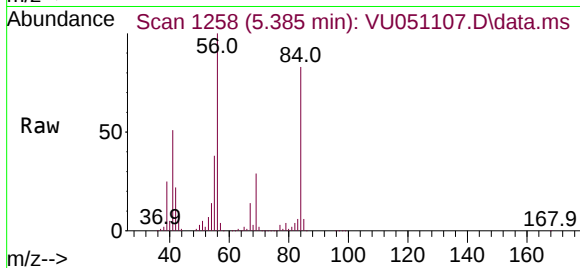
Tgt Ion: 56 Resp: 220925

Ion Ratio Lower Upper

56 100

69 34.1 24.2 36.4

84 92.5 63.4 95.2



#20

Methylcyclohexane

Concen: 10.296 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

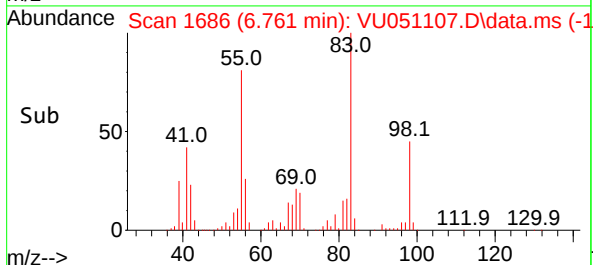
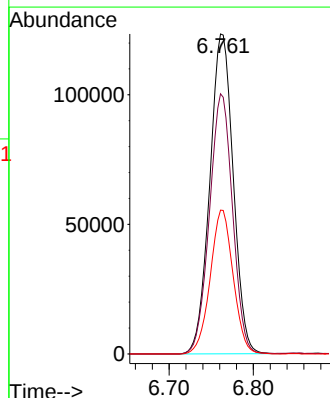
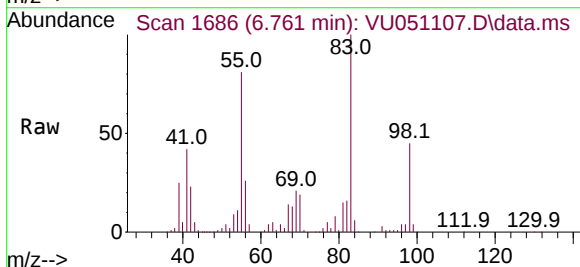
Tgt Ion: 83 Resp: 238538

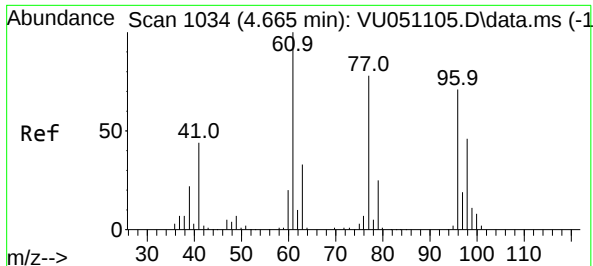
Ion Ratio Lower Upper

83 100

55 80.0 63.0 94.4

98 44.0 35.7 53.5





#21

2,2-Dichloropropane

Concen: 10.104 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

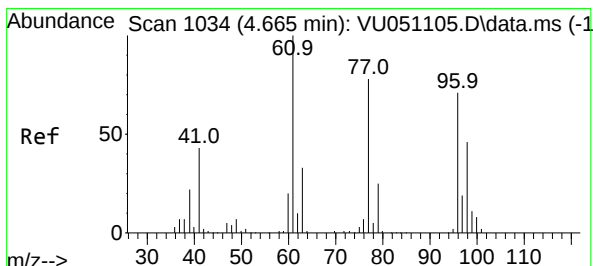
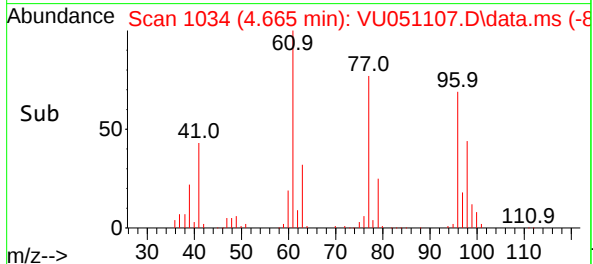
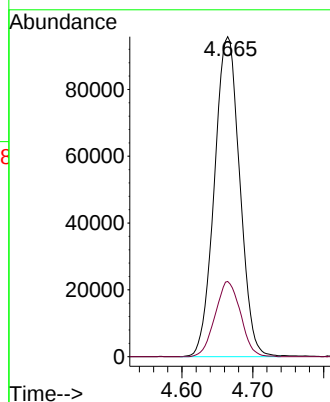
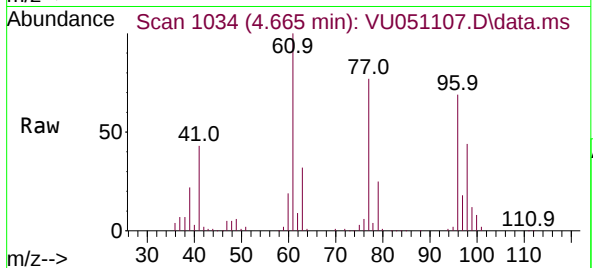
ClientSampleId :

Tgt Ion: 77 Resp: 237727

Ion Ratio Lower Upper

77 100

97 23.6 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 10.537 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

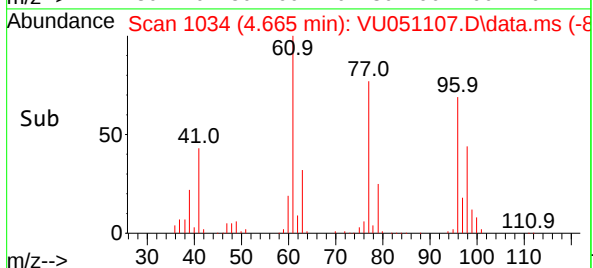
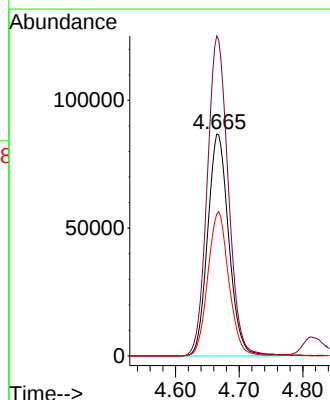
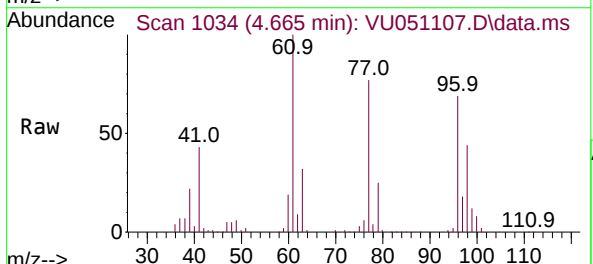
Tgt Ion: 96 Resp: 200222

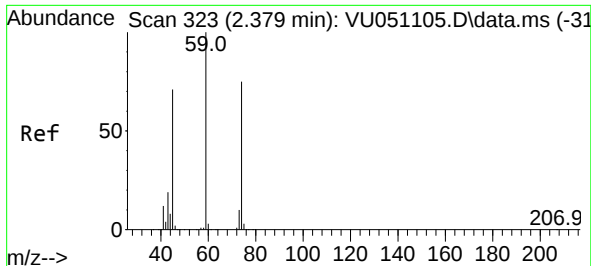
Ion Ratio Lower Upper

96 100

61 143.5 0.0 375.8

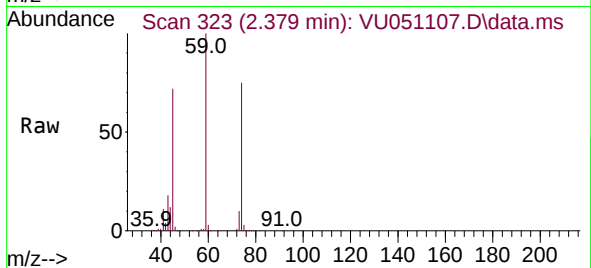
98 64.5 31.6 95.0



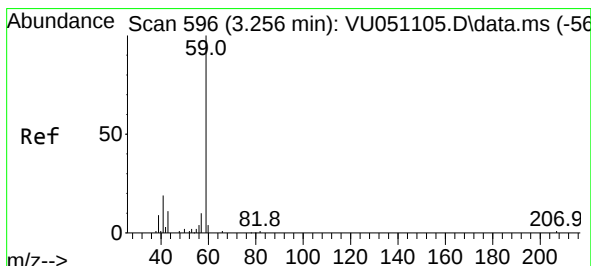
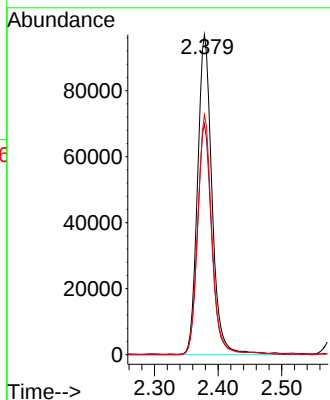
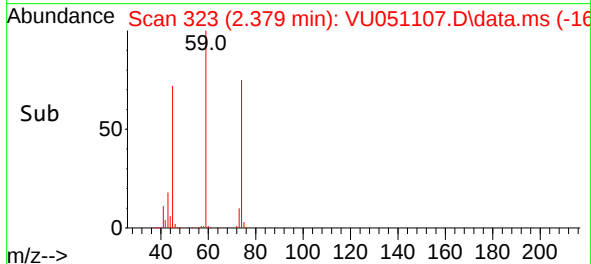


#23
Diethyl Ether
Concen: 9.750 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Instrument :
MSVOA_U
ClientSampleId :

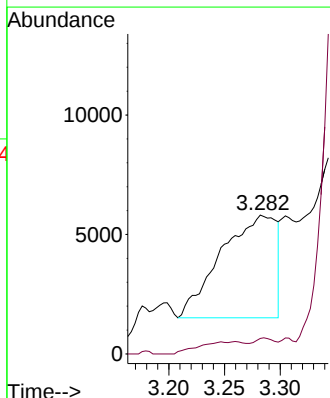
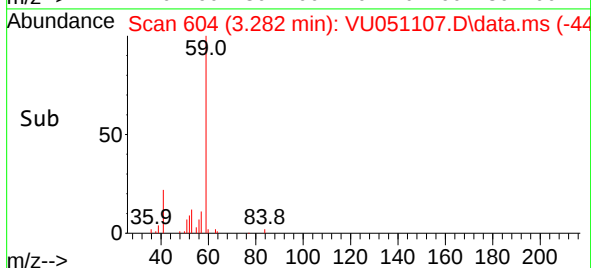
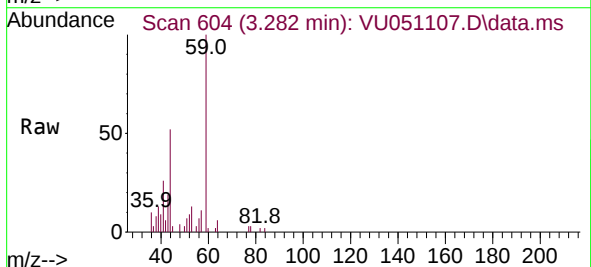


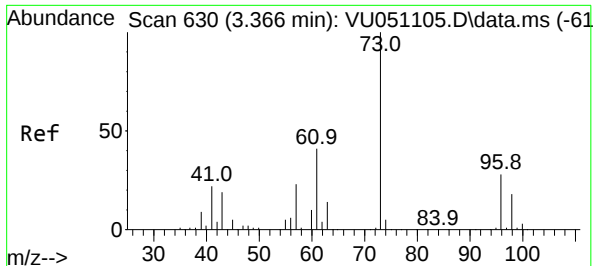
Tgt Ion: 59 Resp: 152306
Ion Ratio Lower Upper
59 100
45 70.5 56.0 84.0
74 73.4 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 20.217 ug/l
RT: 3.282 min Scan# 604
Delta R.T. 0.026 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 59 Resp: 14903
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

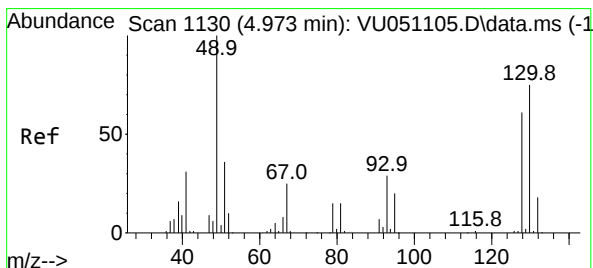
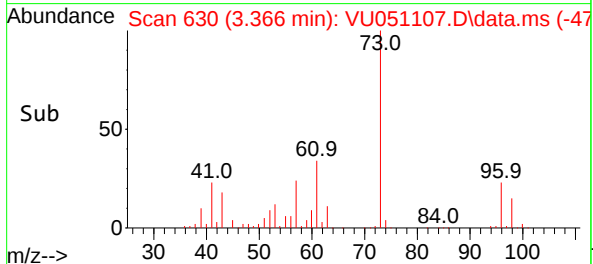
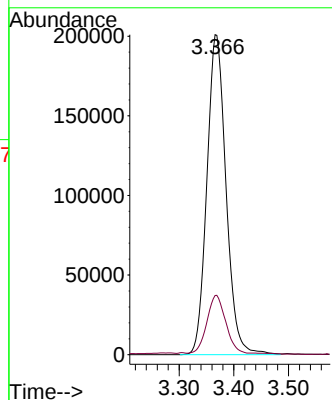
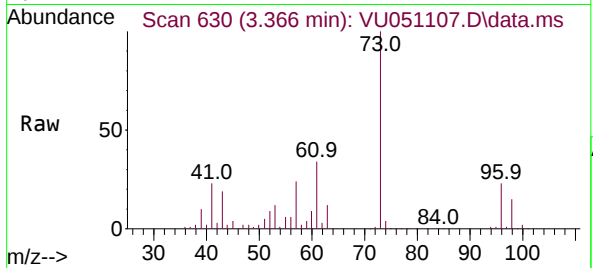




#25
Methyl tert-Butyl Ether
Concen: 10.492 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

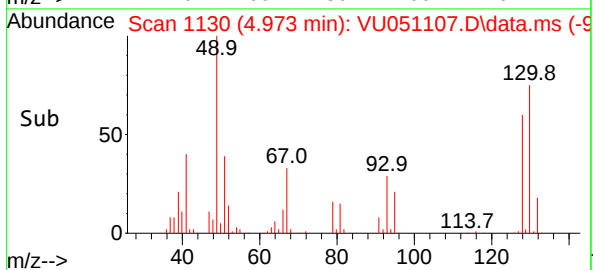
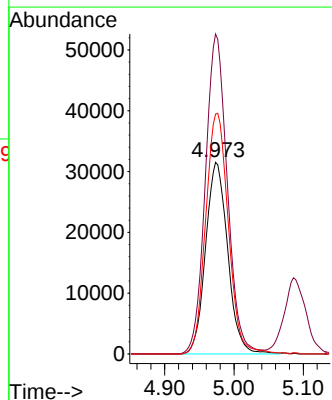
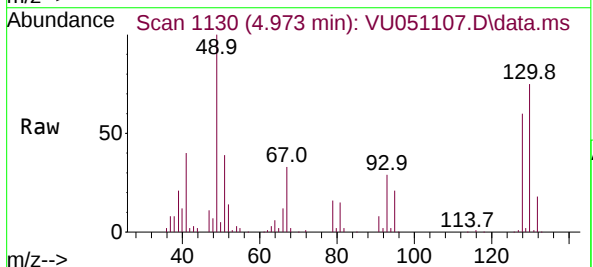
Instrument :
MSVOA_U
ClientSampleId :

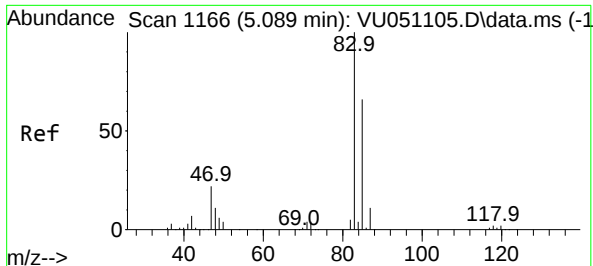
Tgt Ion: 73 Resp: 488543
Ion Ratio Lower Upper
73 100
43 18.7 15.9 23.9



#26
Bromochloromethane
Concen: 7.645 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 128 Resp: 69835
Ion Ratio Lower Upper
128 100
49 165.4 0.0 349.2
130 128.5 103.0 154.6





#27

Chloroform

Concen: 10.021 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

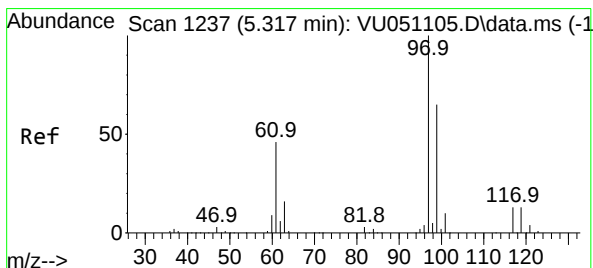
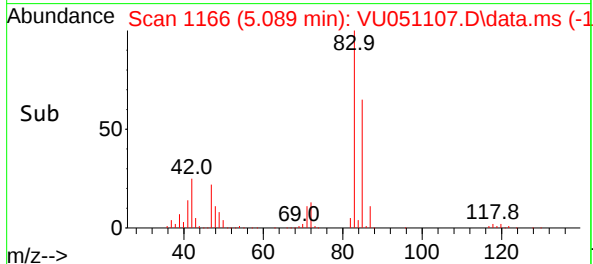
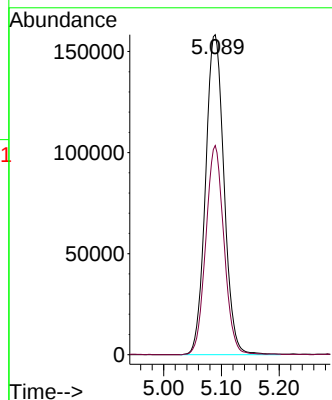
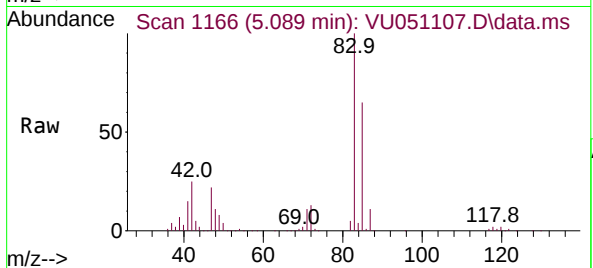
ClientSampleId :

Tgt Ion: 83 Resp: 351955

Ion Ratio Lower Upper

83 100

85 65.4 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 9.585 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

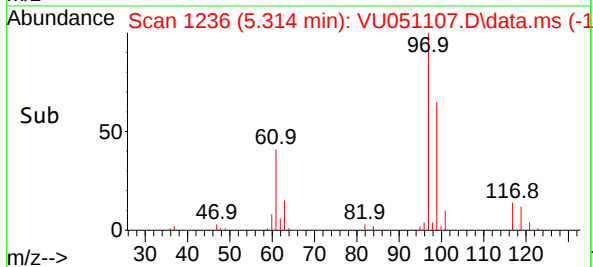
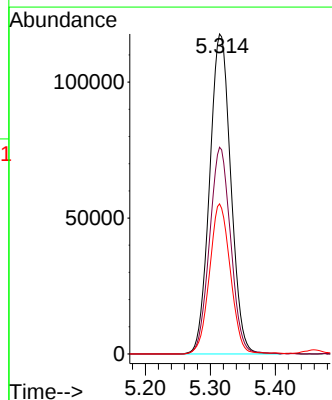
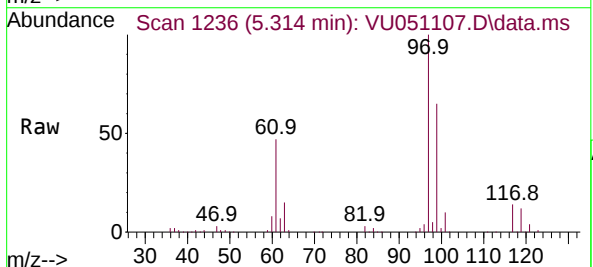
Tgt Ion: 97 Resp: 266437

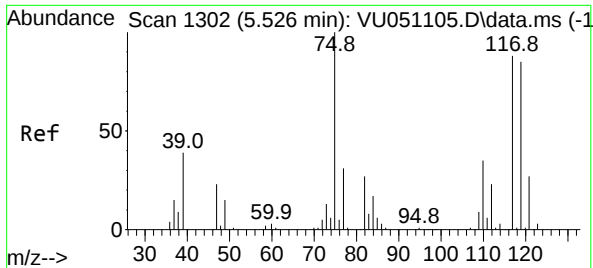
Ion Ratio Lower Upper

97 100

99 64.6 32.1 96.5

61 46.2 21.8 65.4





#29

1,1-Dichloropropene

Concen: 10.641 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

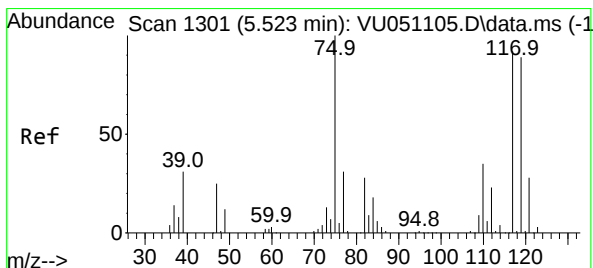
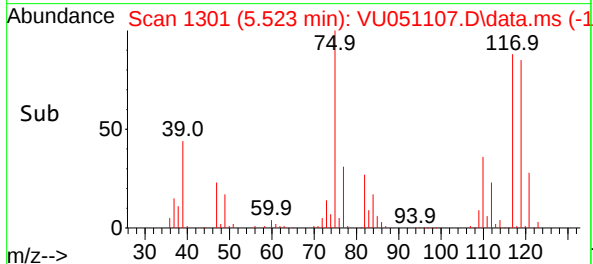
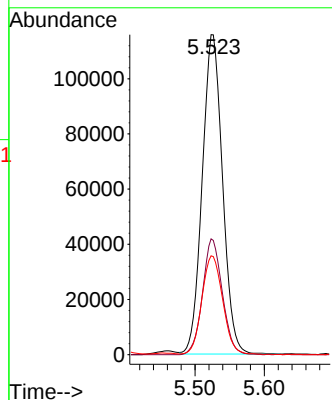
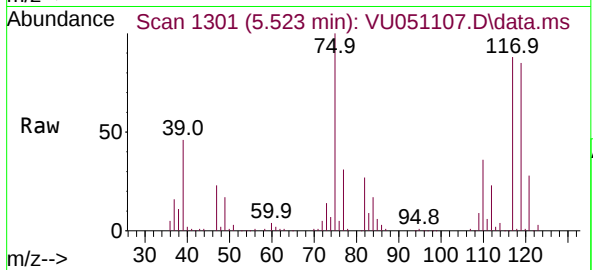
Tgt Ion: 75 Resp: 235268

Ion Ratio Lower Upper

75 100

110 35.2 17.3 52.0

77 31.5 24.6 37.0



#30

Carbon Tetrachloride

Concen: 9.479 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

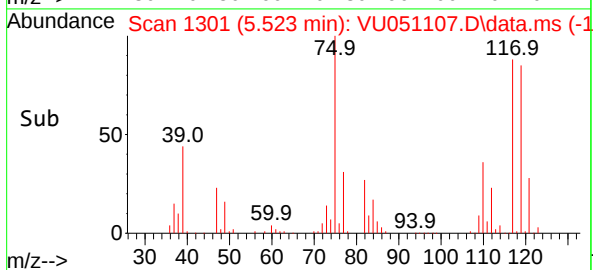
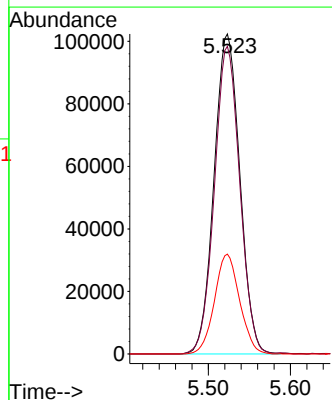
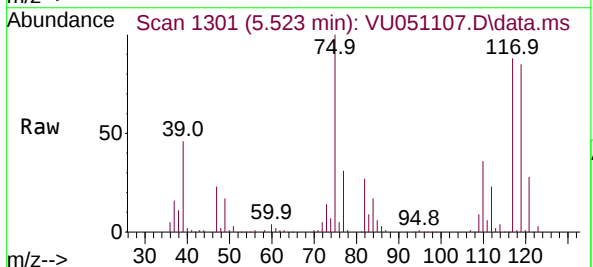
Tgt Ion: 117 Resp: 223465

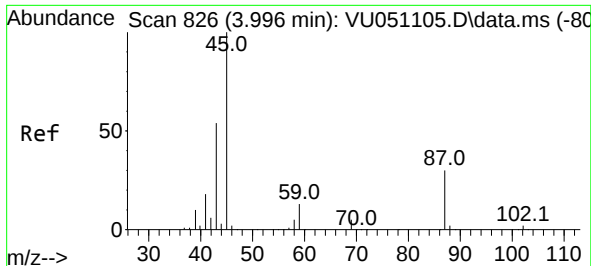
Ion Ratio Lower Upper

117 100

119 96.2 74.6 112.0

121 31.2 24.2 36.4

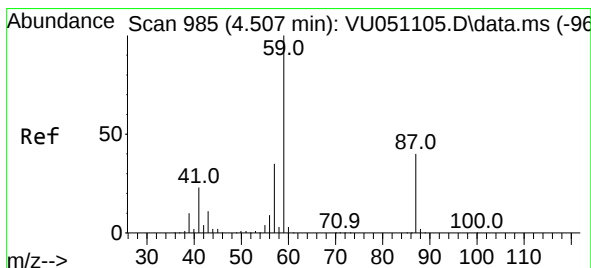
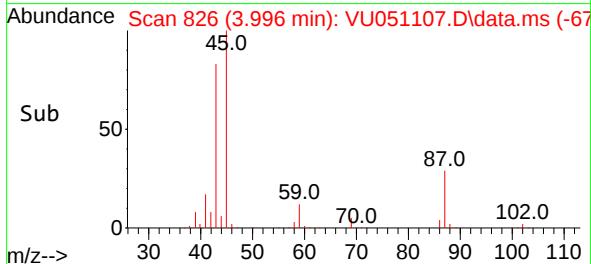
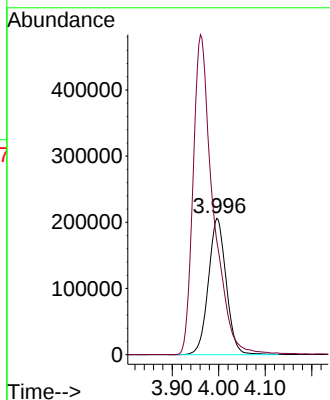
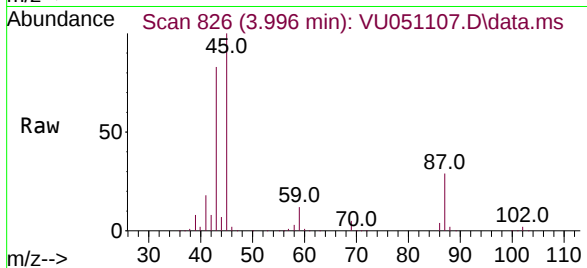




#31
Isopropyl Ether
Concen: 12.109 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

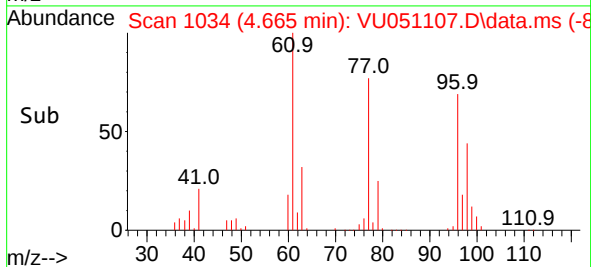
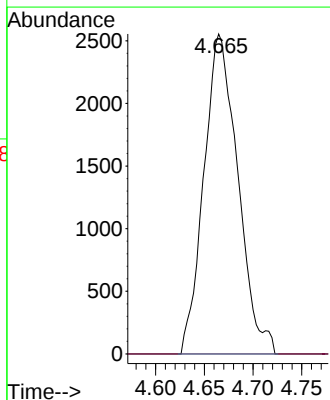
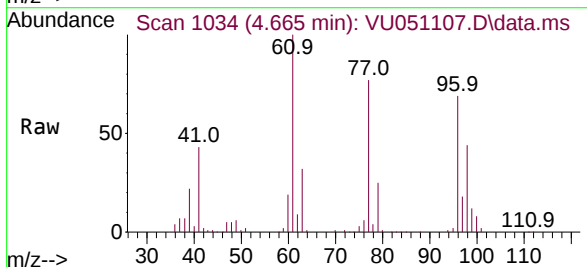
Instrument :
MSVOA_U
ClientSampleId :

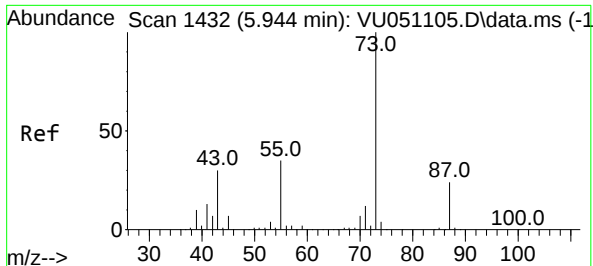
Tgt Ion: 45 Resp: 548557
Ion Ratio Lower Upper
45 100
43 263.6 23.8 71.2#



#32
Ethyl-t-butyl ether
Concen: 0.156 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.157 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 59 Resp: 6196
Ion Ratio Lower Upper
59 100
87 0.0 32.5 48.7#





#33

Tert-Amyl methyl ether

Concen: 0.359 ug/l

RT: 5.774 min Scan# 1

Delta R.T. -0.171 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

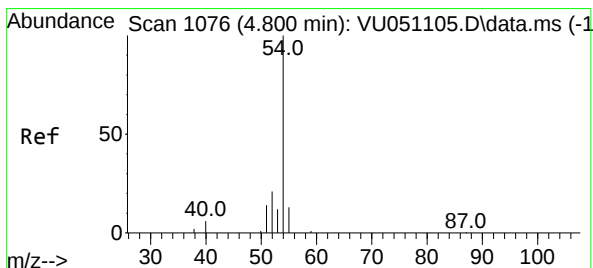
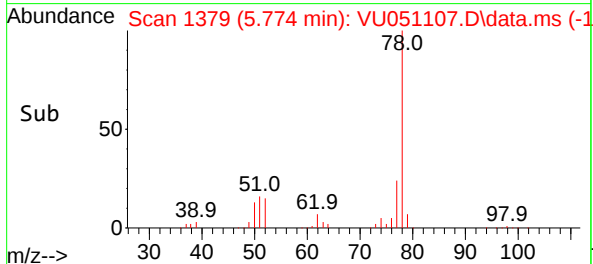
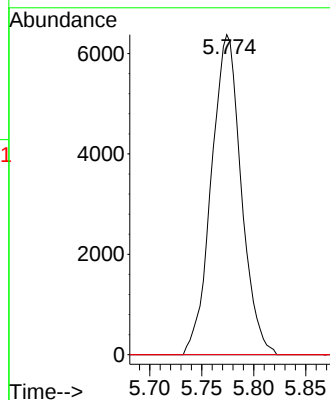
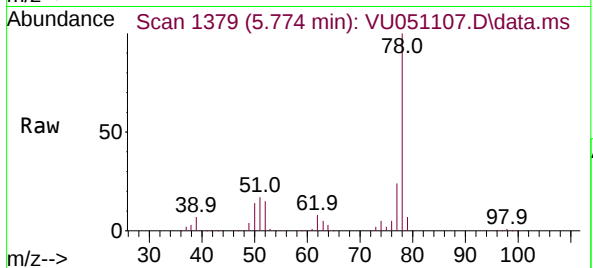
Tgt Ion: 73 Resp: 12756

Ion Ratio Lower Upper

73 100

87 220.9 19.7 29.5#

71 2.3 9.0 13.4#



#34

Propionitrile

Concen: 122.350 ug/l

RT: 4.806 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Tgt Ion: 54 Resp: 178746

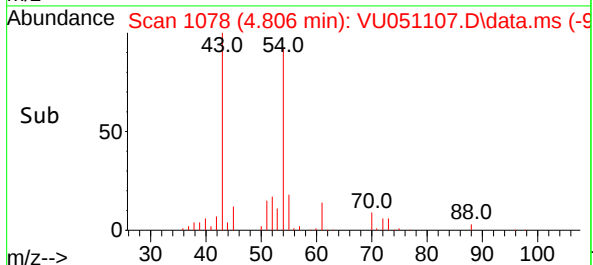
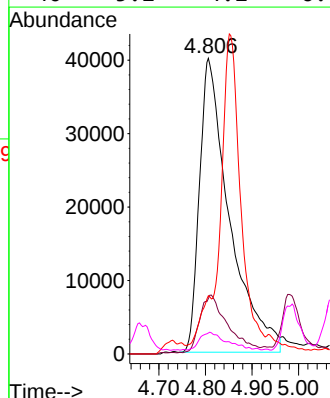
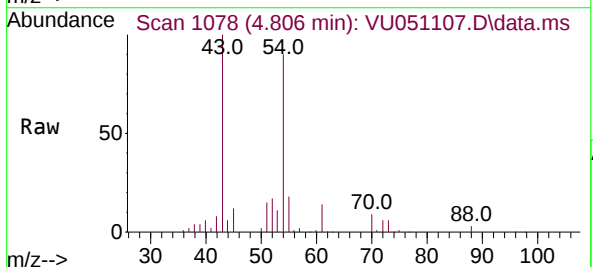
Ion Ratio Lower Upper

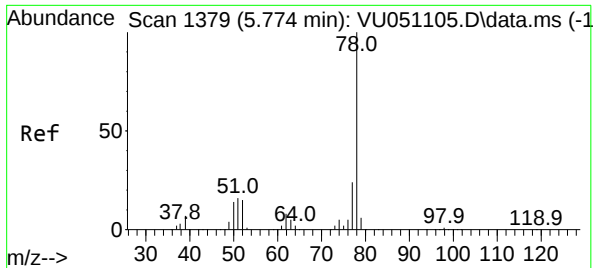
54 100

52 18.3 15.0 22.6

55 5.9 12.6 19.0#

40 5.2 4.2 6.4

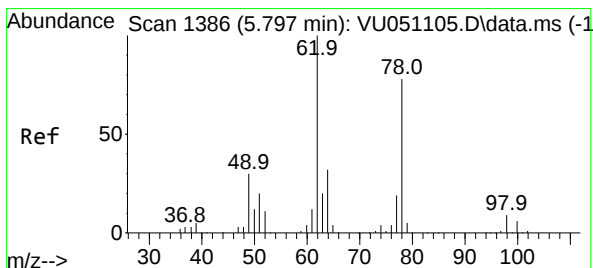
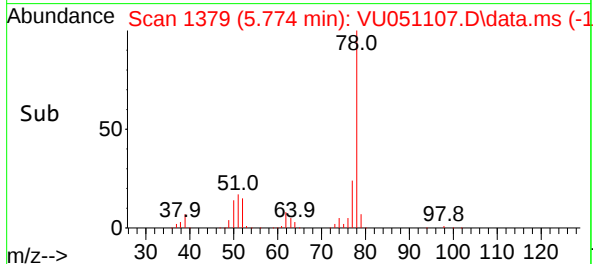
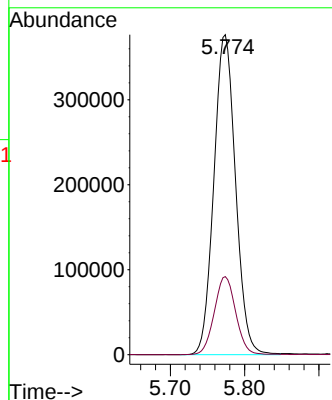
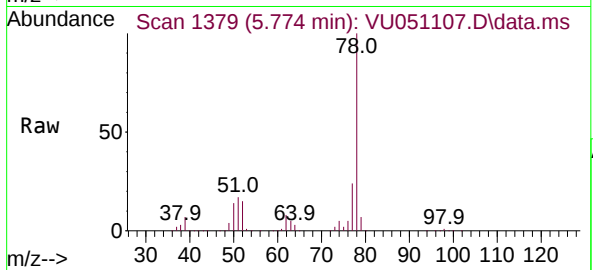




#35
Benzene
Concen: 10.371 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

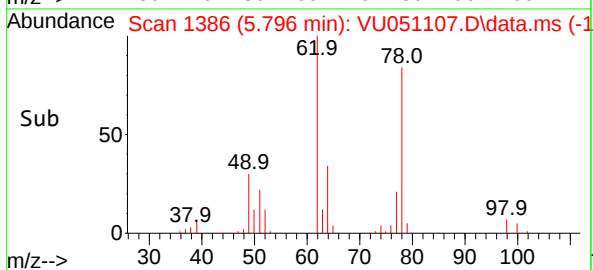
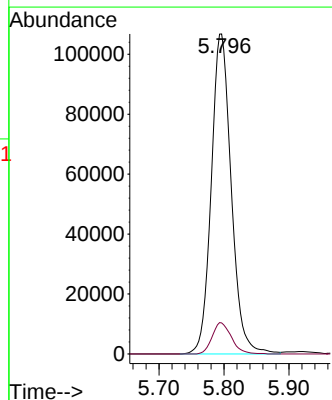
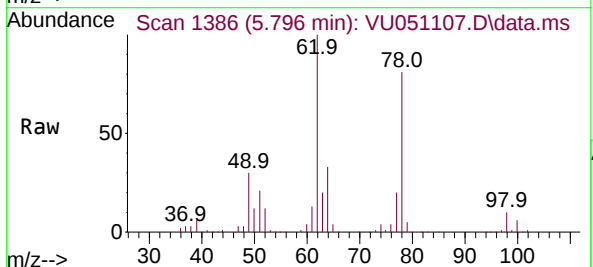
Instrument :
MSVOA_U
ClientSampleId :

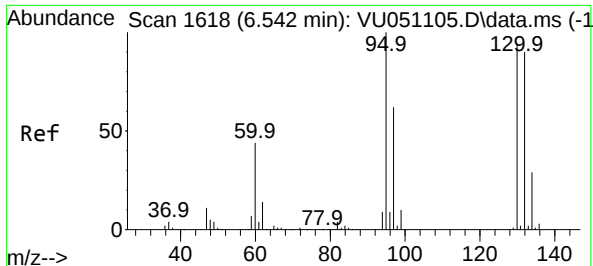
Tgt Ion: 78 Resp: 763688
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0



#36
1,2-Dichloroethane
Concen: 9.876 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 62 Resp: 228262
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0

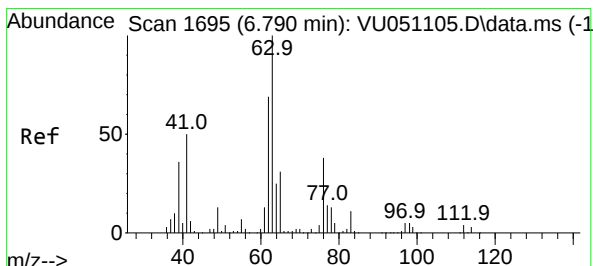
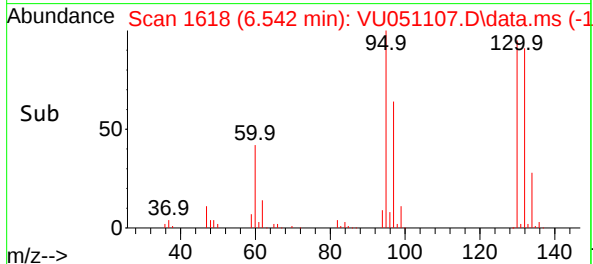
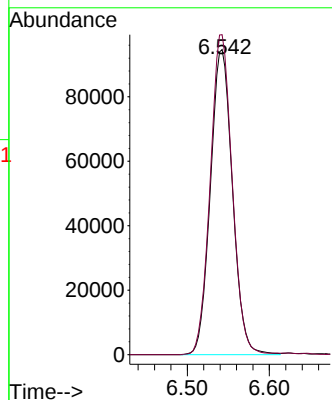
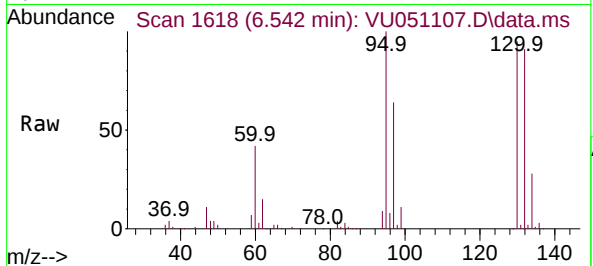




#37
Trichloroethene
Concen: 9.898 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

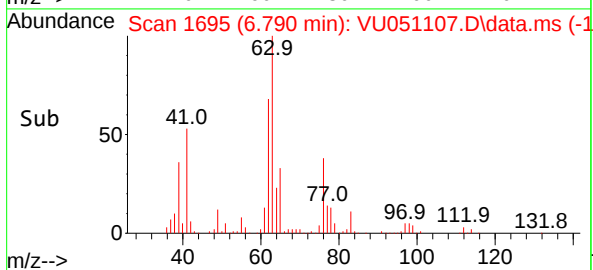
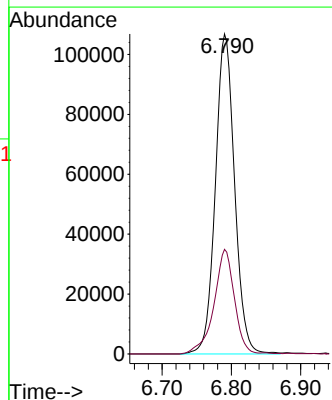
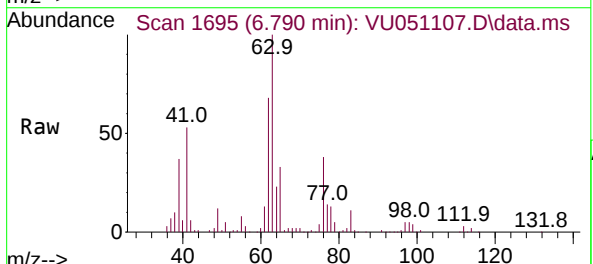
Instrument :
MSVOA_U
ClientSampleId :

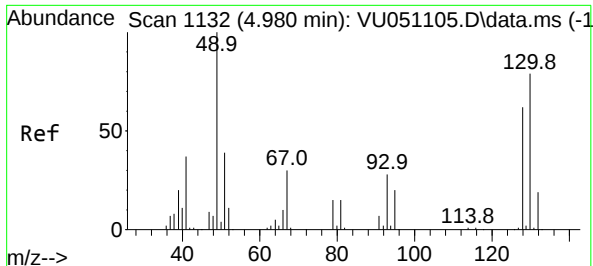
Tgt Ion:130 Resp: 177371
Ion Ratio Lower Upper
130 100
95 104.9 83.8 125.8



#38
1,2-Dichloropropane
Concen: 10.251 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 63 Resp: 206072
Ion Ratio Lower Upper
63 100
65 32.7 25.0 37.4





#39

Methacrylonitrile

Concen: 11.712 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 61867

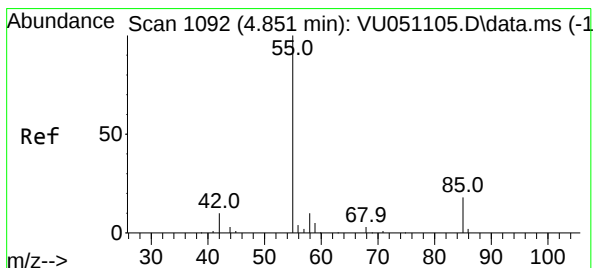
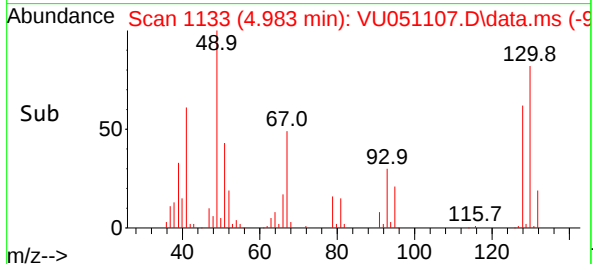
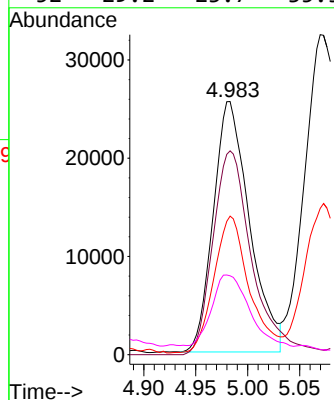
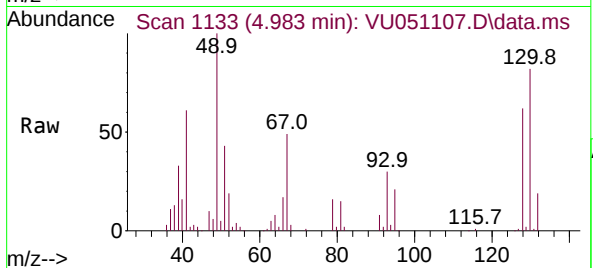
Ion Ratio Lower Upper

41 100

67 87.9 59.4 89.0

39 52.6 42.2 63.2

52 29.2 23.7 35.5



#40

Methyl acrylate

Concen: 11.983 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Tgt Ion: 55 Resp: 109415

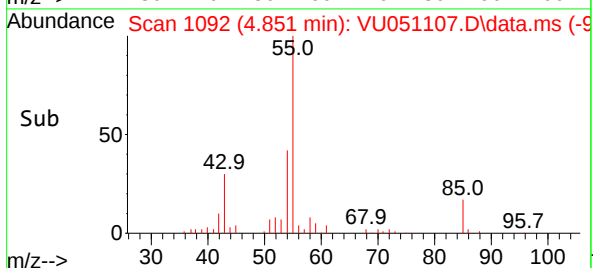
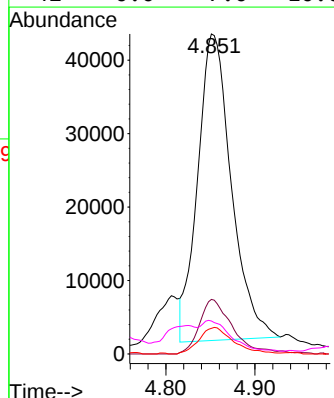
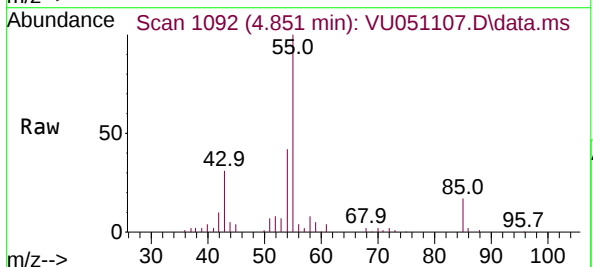
Ion Ratio Lower Upper

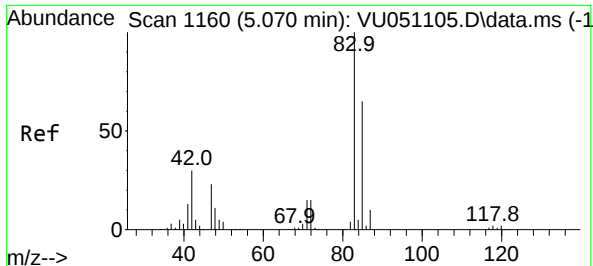
55 100

85 17.4 13.5 20.3

58 8.9 7.0 10.4

42 0.0 7.0 10.6#





#41

Tetrahydrofuran

Concen: 61.310 ug/l

RT: 5.073 min Scan# 1160

Delta R.T. 0.003 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

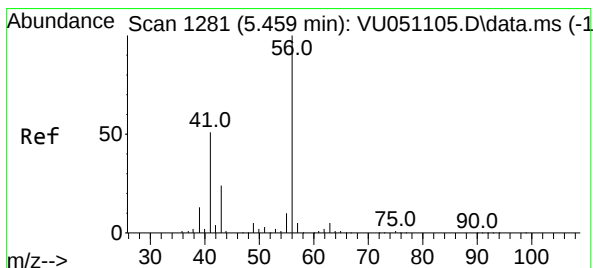
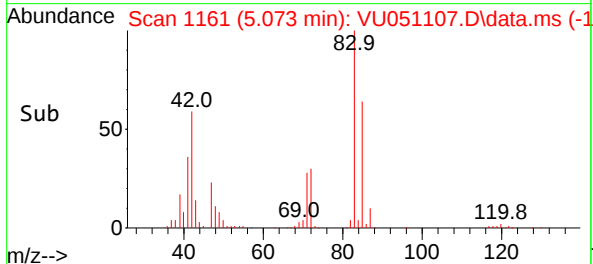
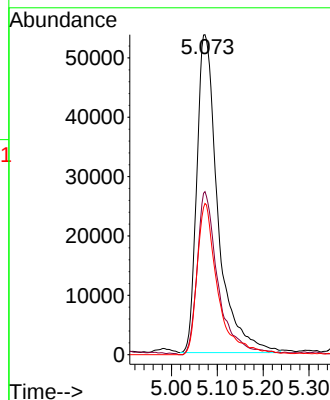
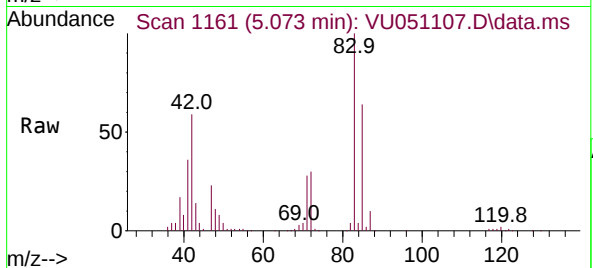
Tgt Ion: 42 Resp: 171548

Ion Ratio Lower Upper

42 100

72 50.7 38.9 58.3

71 45.8 33.7 50.5



#42

1-Chlorobutane

Concen: 10.653 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VU051107.D

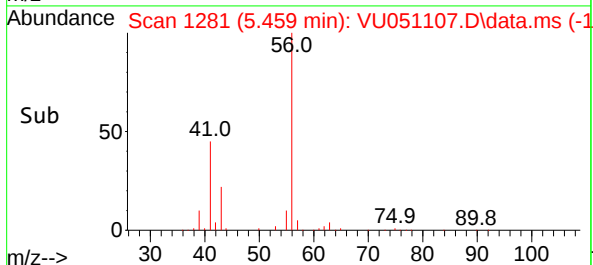
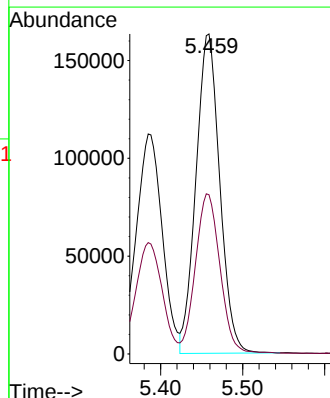
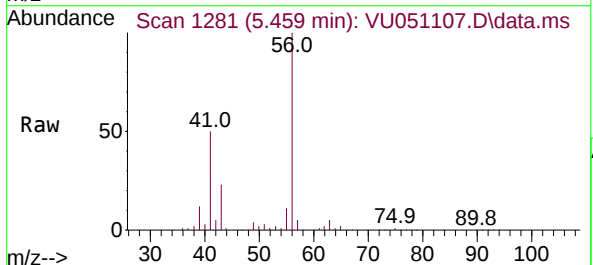
Acq: 04 Oct 2022 14:21

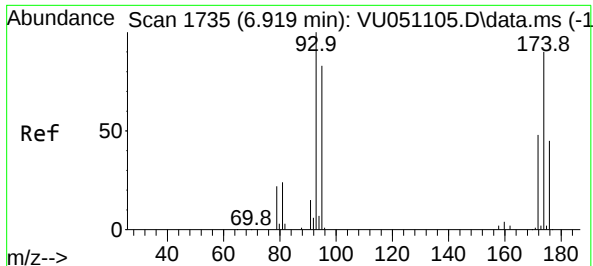
Tgt Ion: 56 Resp: 328679

Ion Ratio Lower Upper

56 100

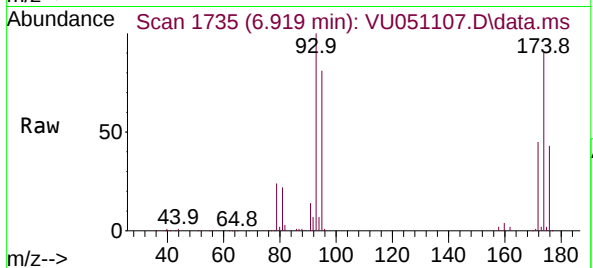
41 50.6 26.4 79.2



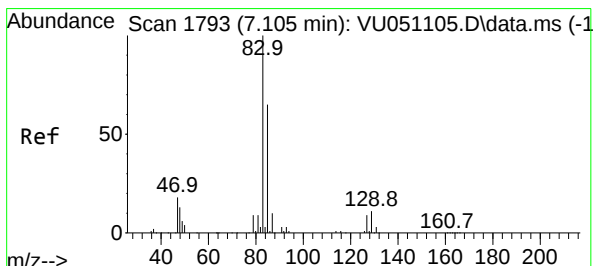
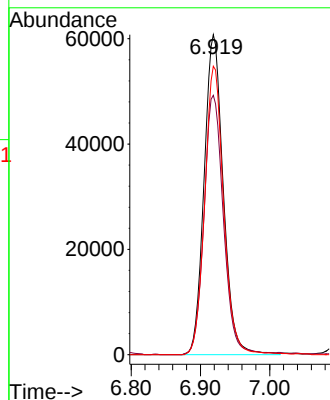
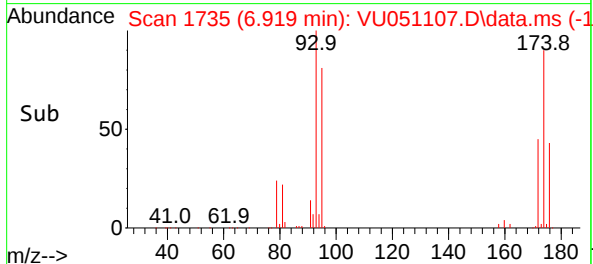


#43
Dibromomethane
Concen: 10.785 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

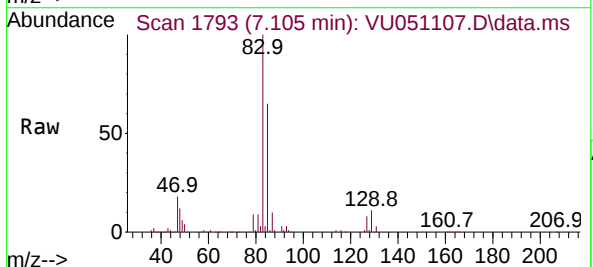
Instrument :
MSVOA_U
ClientSampleId :



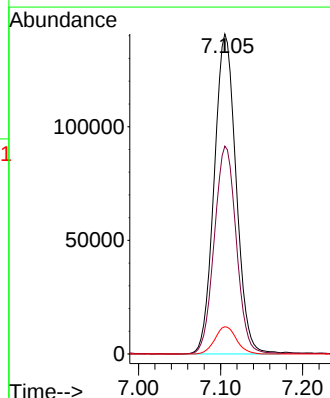
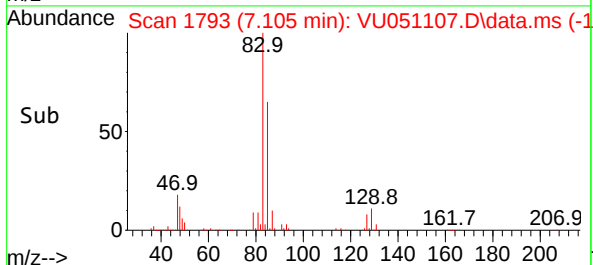
Tgt Ion: 93 Resp: 116423
Ion Ratio Lower Upper
93 100
95 82.1 65.0 97.6
174 89.5 76.3 114.5

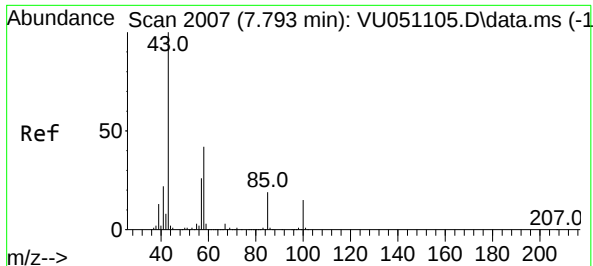


#44
Bromodichloromethane
Concen: 10.357 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21



Tgt Ion: 83 Resp: 260972
Ion Ratio Lower Upper
83 100
85 64.9 49.4 74.0
127 8.5 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 56.204 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

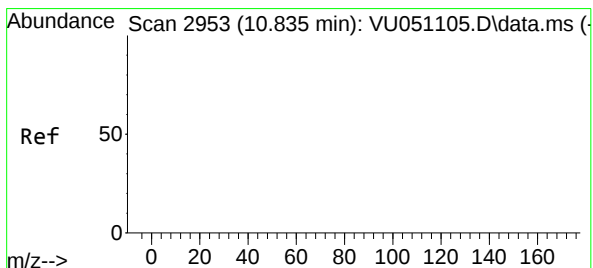
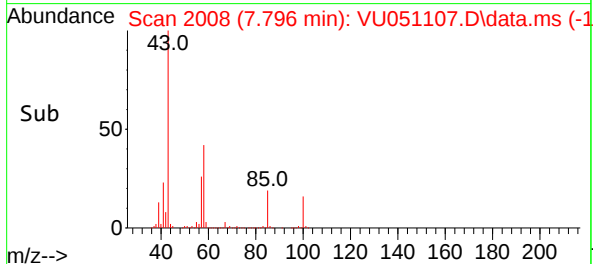
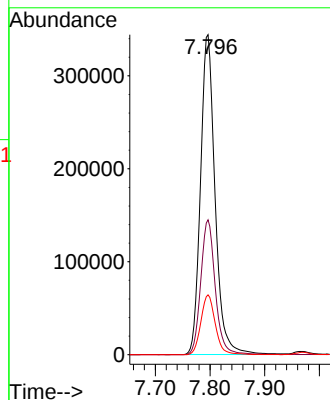
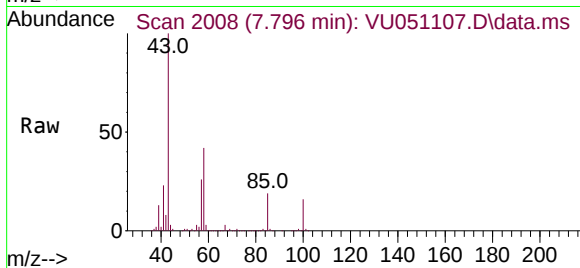
Tgt Ion: 43 Resp: 637684

Ion Ratio Lower Upper

43 100

58 42.1 20.3 61.0

85 18.5 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 52.666 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Tgt Ion: 75 Resp: 197110

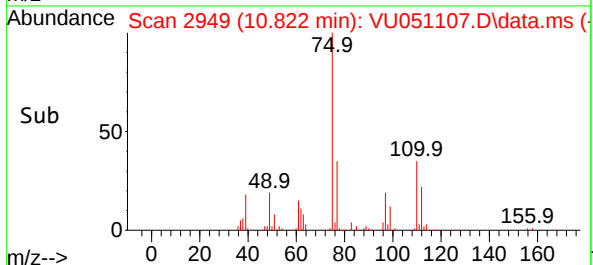
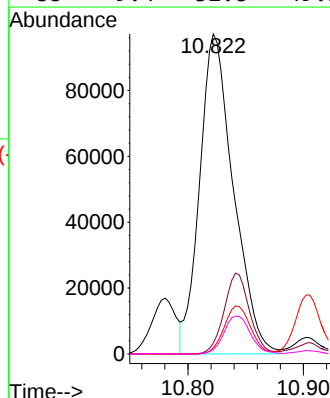
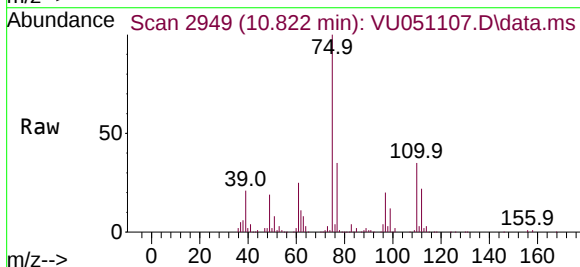
Ion Ratio Lower Upper

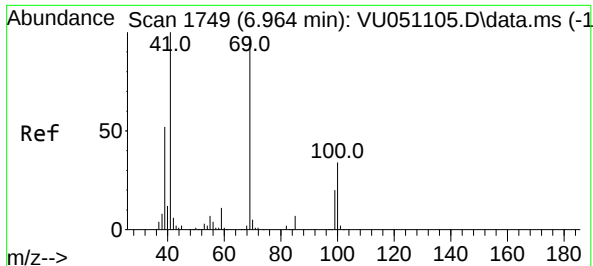
75 100

53 19.1 64.4 96.6#

89 11.9 44.2 66.2#

88 9.4 32.8 49.2#





#47

Methyl methacrylate

Concen: 10.668 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 92138

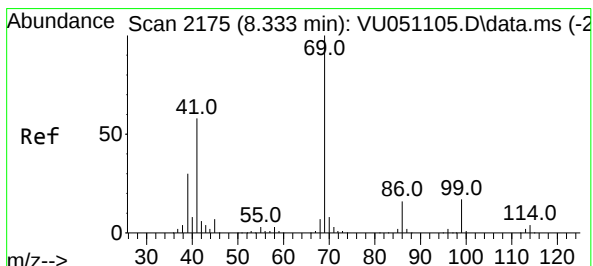
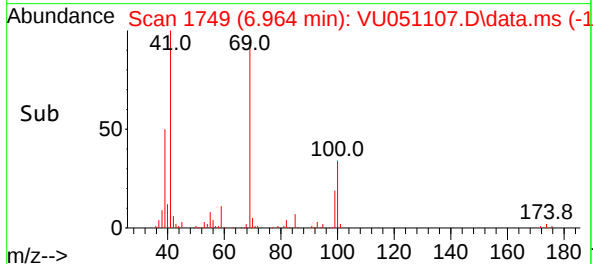
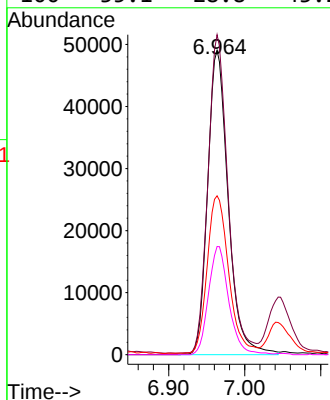
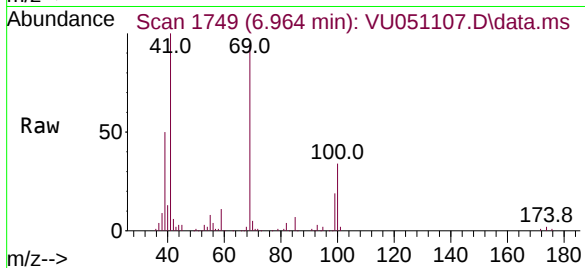
Ion Ratio Lower Upper

69 100

41 101.5 0.0 225.4

39 53.9 45.8 68.8

100 35.1 28.8 43.2



#48

Ethyl methacrylate

Concen: 12.021 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU051107.D

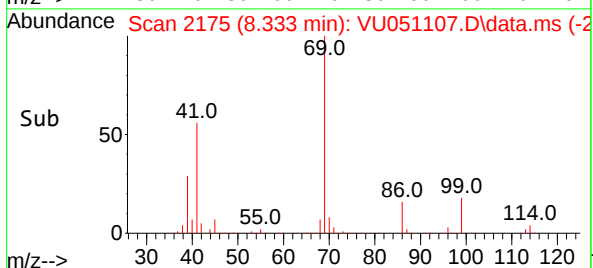
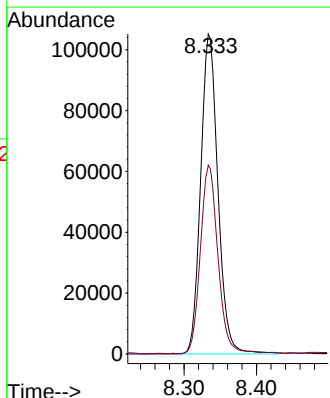
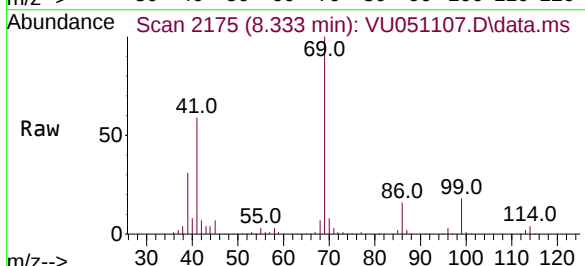
Acq: 04 Oct 2022 14:21

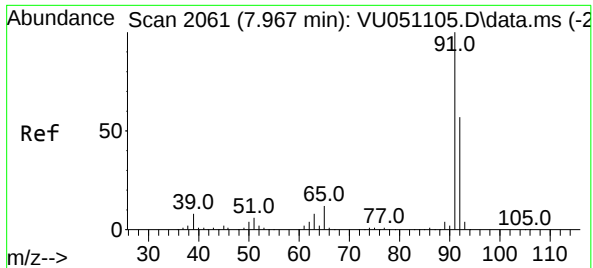
Tgt Ion: 69 Resp: 174066

Ion Ratio Lower Upper

69 100

41 59.5 32.3 96.9

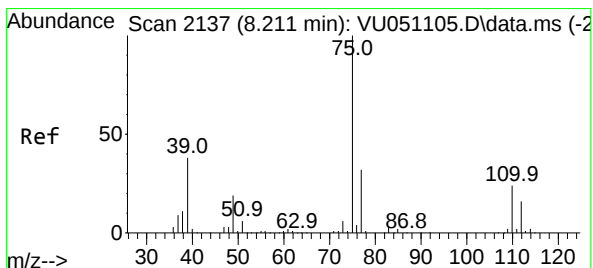
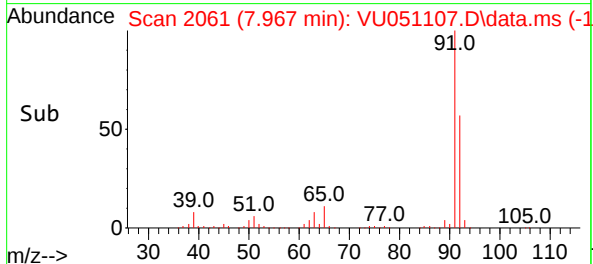
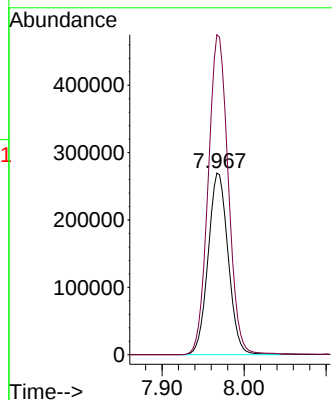
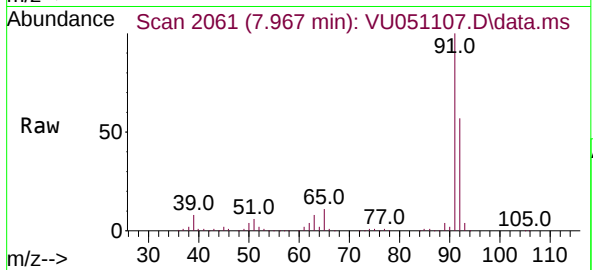




#49
Toluene
Concen: 11.429 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

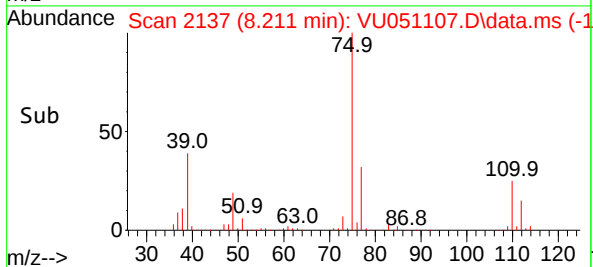
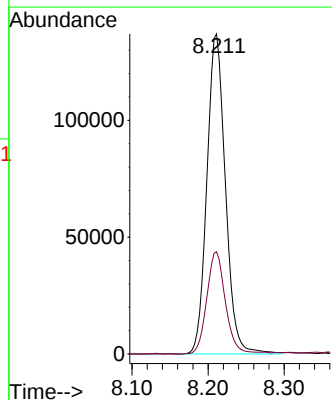
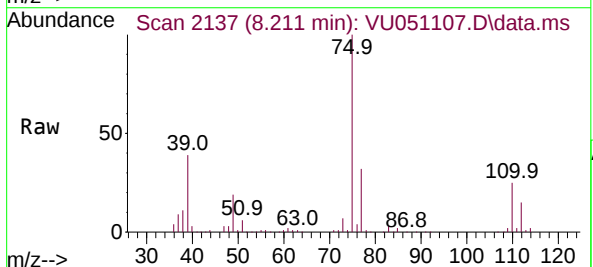
Instrument :
MSVOA_U
ClientSampleId :

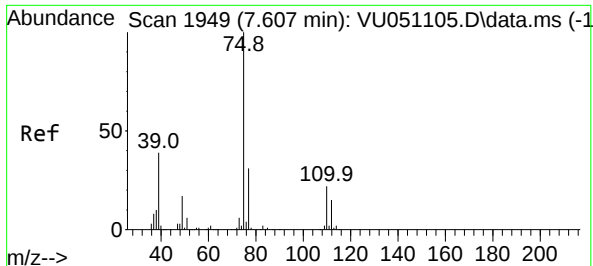
Tgt Ion: 92 Resp: 456977
Ion Ratio Lower Upper
92 100
91 176.8 138.6 207.8



#50
t-1,3-Dichloropropene
Concen: 11.454 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 75 Resp: 232060
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 11.284 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

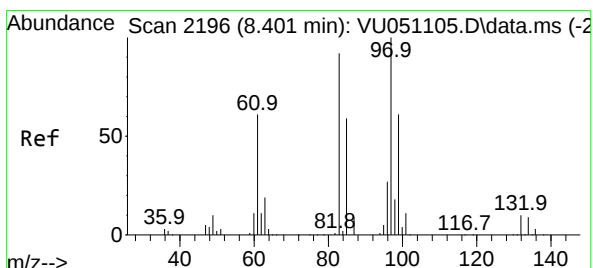
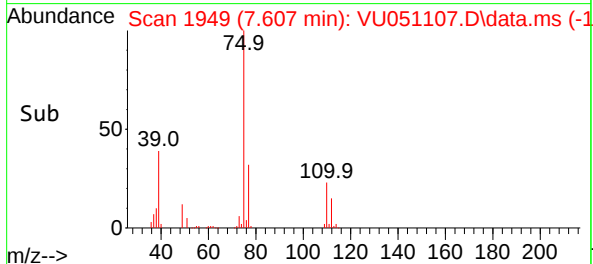
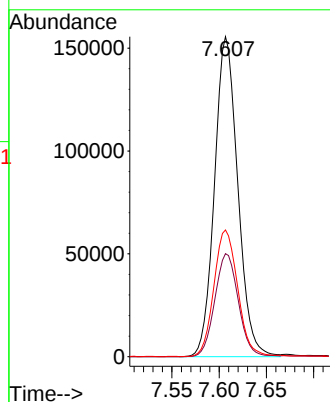
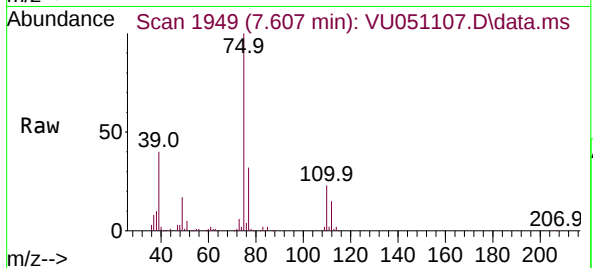
Tgt Ion: 75 Resp: 266415

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 39.6 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 10.216 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Tgt Ion: 97 Resp: 159993

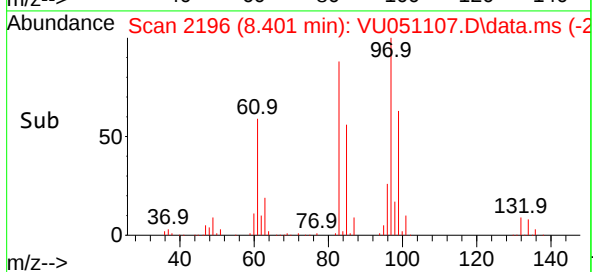
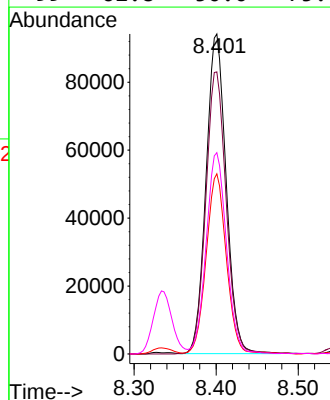
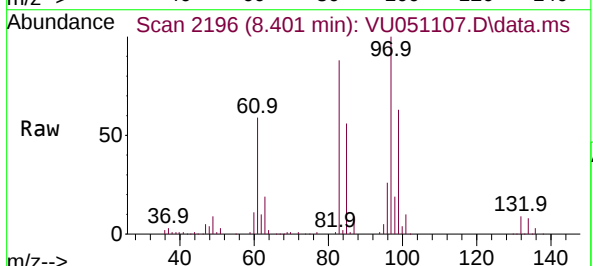
Ion Ratio Lower Upper

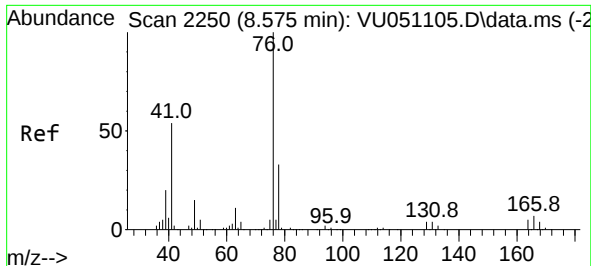
97 100

83 88.1 70.6 106.0

85 56.1 46.2 69.4

99 62.8 50.0 75.0





#53

1,3-Dichloropropane

Concen: 10.860 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

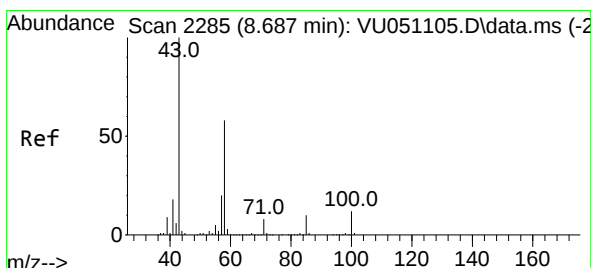
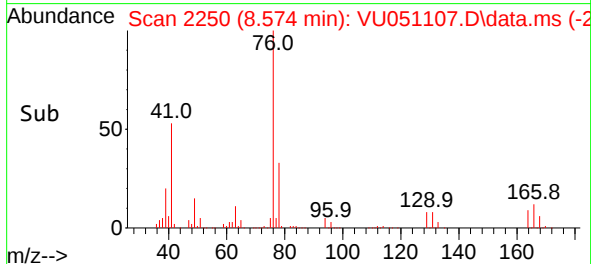
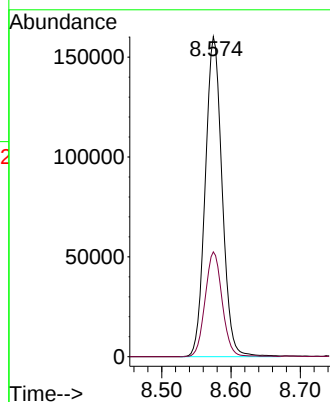
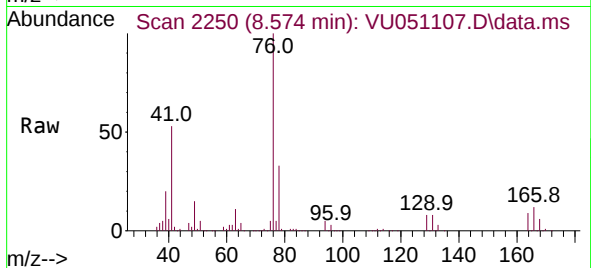
ClientSampleId :

Tgt Ion: 76 Resp: 270033

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#54

2-Hexanone

Concen: 55.023 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

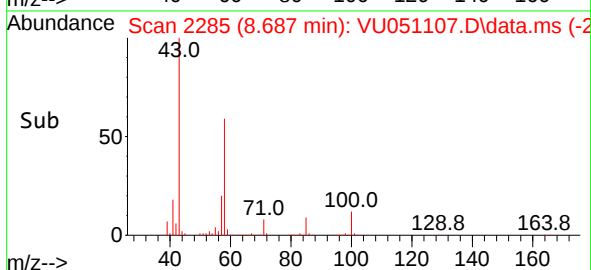
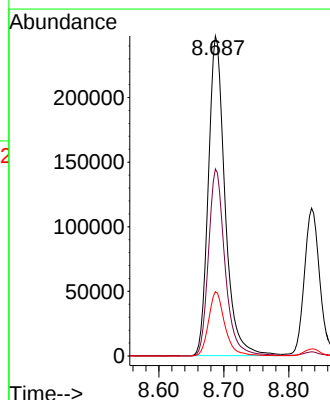
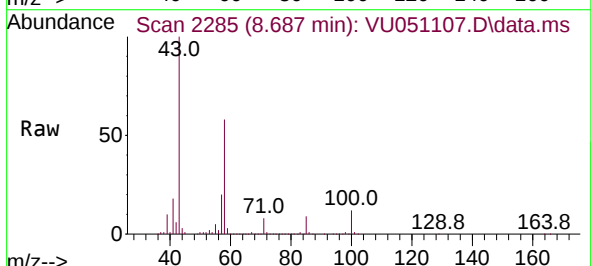
Tgt Ion: 43 Resp: 441835

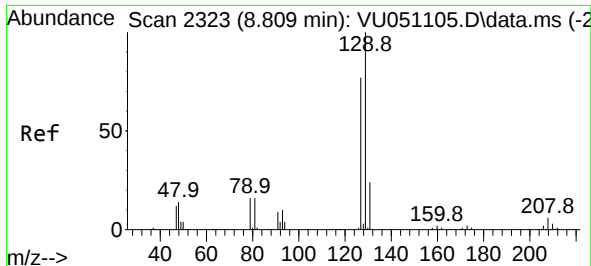
Ion Ratio Lower Upper

43 100

58 58.1 37.1 77.1

57 19.7 0.0 39.5

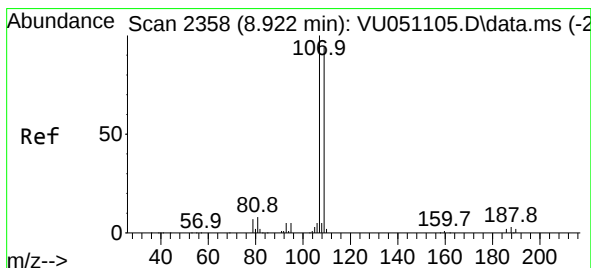
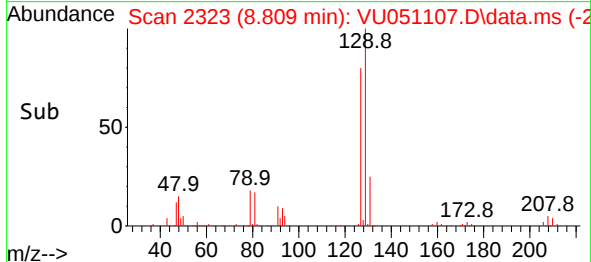
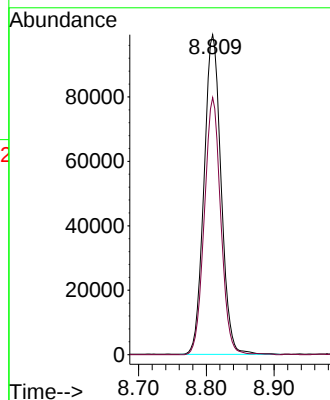
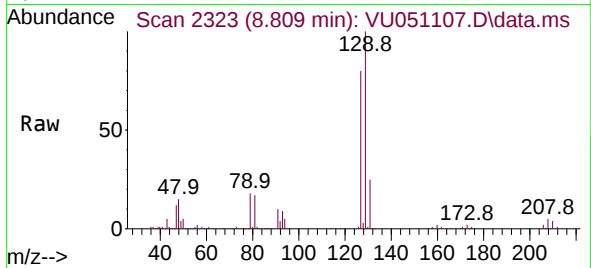




#55
Dibromochloromethane
Concen: 10.143 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

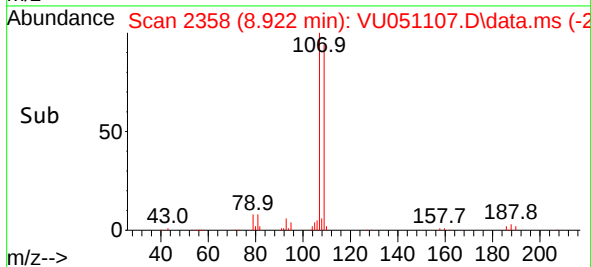
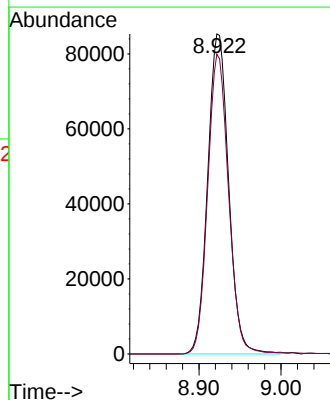
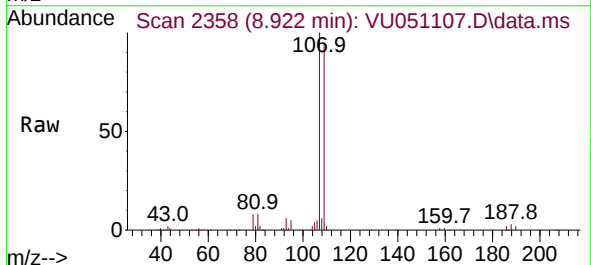
Instrument :
MSVOA_U
ClientSampleId :

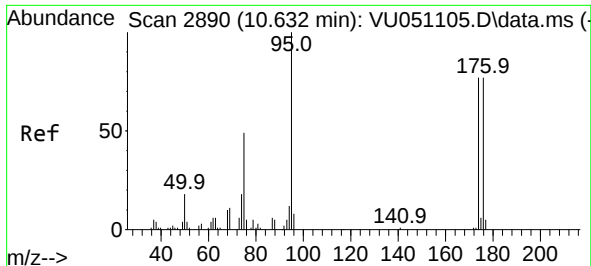
Tgt Ion:129 Resp: 173070
Ion Ratio Lower Upper
129 100
127 77.4 61.2 91.8



#56
1,2-Dibromoethane
Concen: 10.783 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion:107 Resp: 151180
Ion Ratio Lower Upper
107 100
109 93.1 0.0 187.2

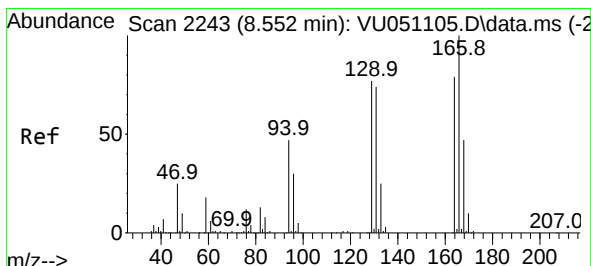
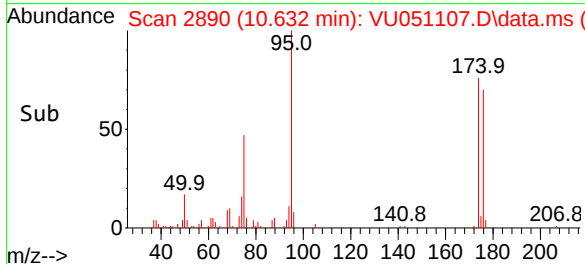
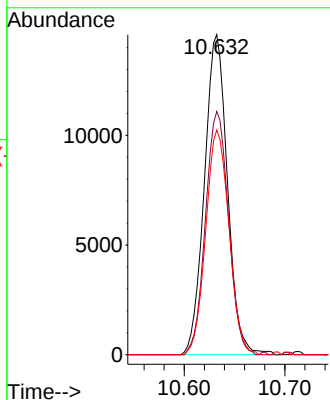
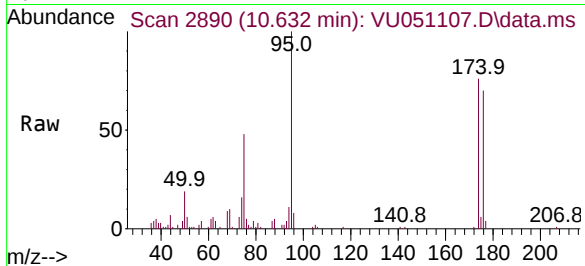




#57
4-Bromofluorobenzene
Concen: 1.160 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

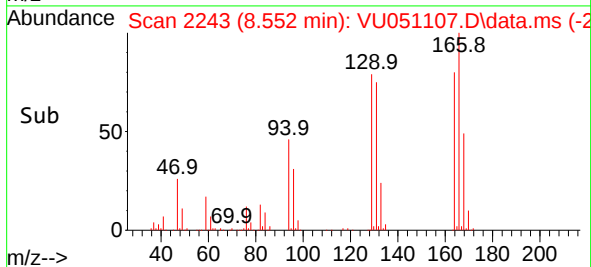
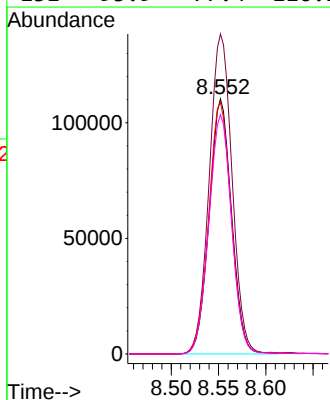
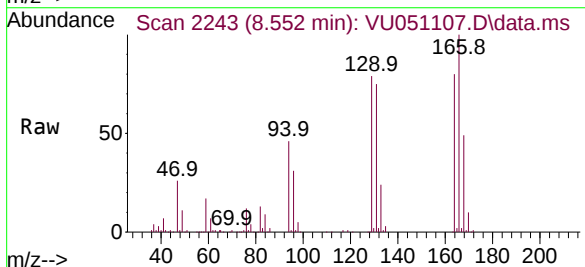
Instrument :
MSVOA_U
ClientSampleId :

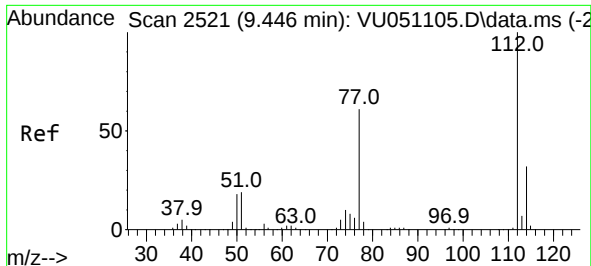
Tgt Ion: 95 Resp: 23208
Ion Ratio Lower Upper
95 100
174 75.9 62.4 93.6
176 71.0 56.2 84.2



#58
Tetrachloroethene
Concen: 10.021 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 164 Resp: 181575
Ion Ratio Lower Upper
164 100
166 125.5 102.4 153.6
129 98.6 79.5 119.3
131 93.9 77.4 116.2





#59

Chlorobenzene

Concen: 10.397 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

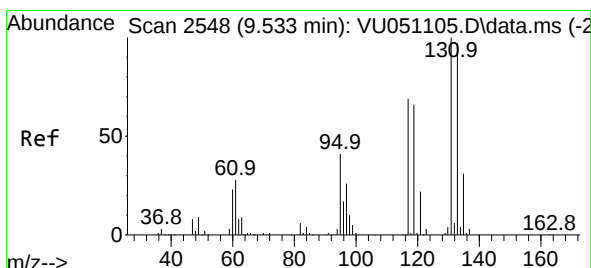
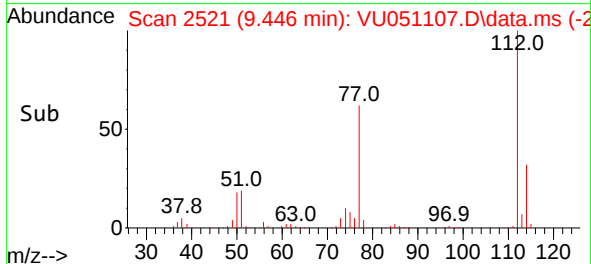
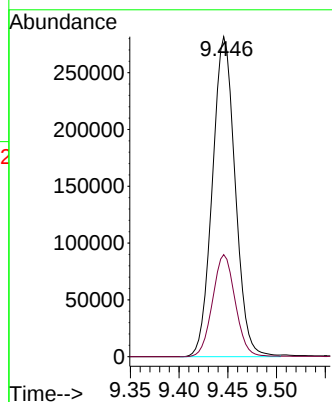
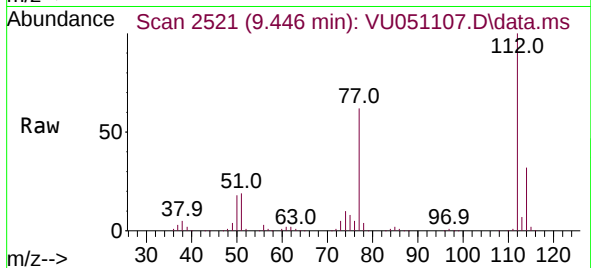
ClientSampleId :

Tgt Ion:112 Resp: 458403

Ion Ratio Lower Upper

112 100

114 31.9 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 10.103 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

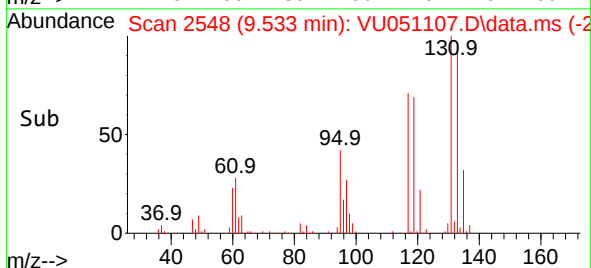
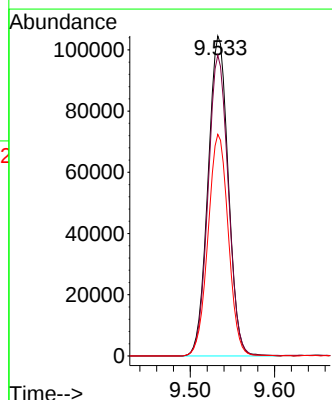
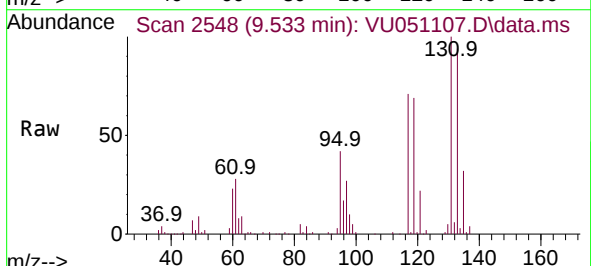
Tgt Ion:131 Resp: 174739

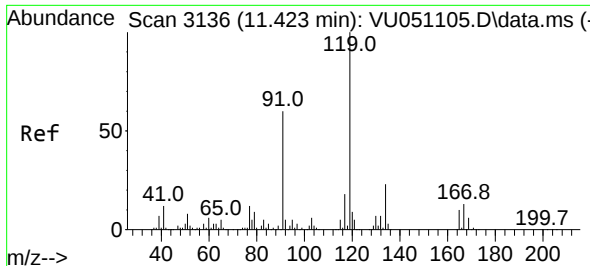
Ion Ratio Lower Upper

131 100

133 94.0 78.3 117.5

119 69.4 53.2 79.8

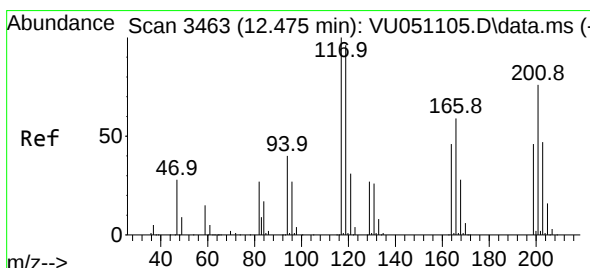
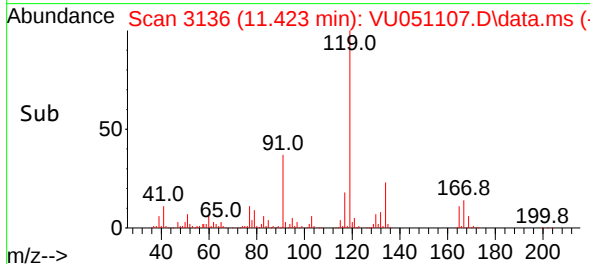
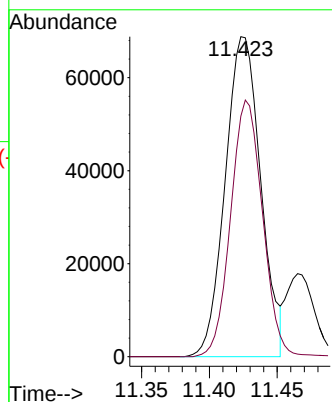
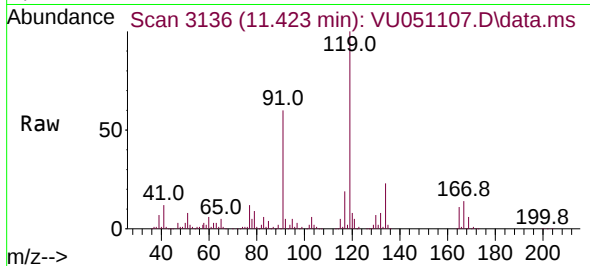




#61
Pentachloroethane
Concen: 10.472 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

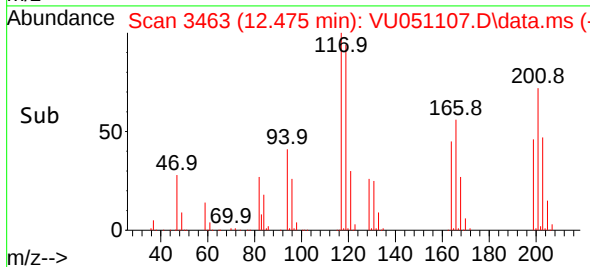
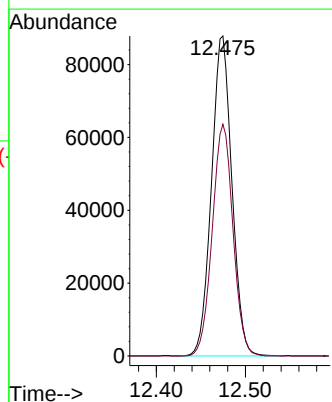
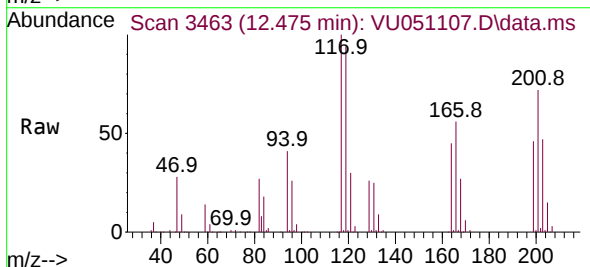
Instrument :
MSVOA_U
ClientSampleId :

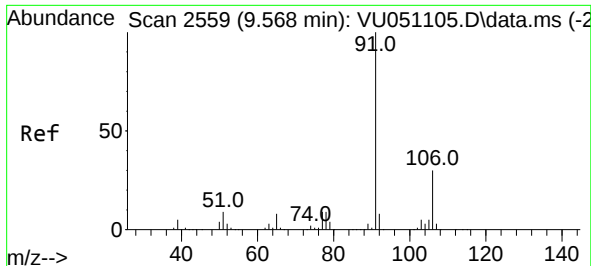
Tgt Ion:117 Resp: 125339
Ion Ratio Lower Upper
117 100
167 72.2 66.2 99.4



#62
Hexachloroethane
Concen: 10.128 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion:117 Resp: 139897
Ion Ratio Lower Upper
117 100
201 73.5 61.0 91.4

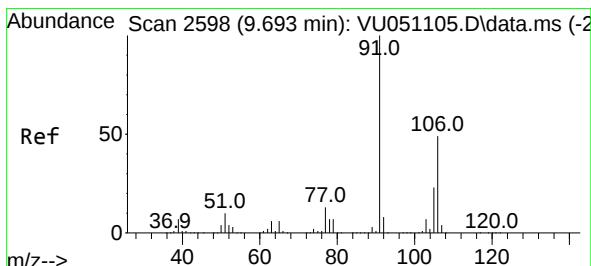
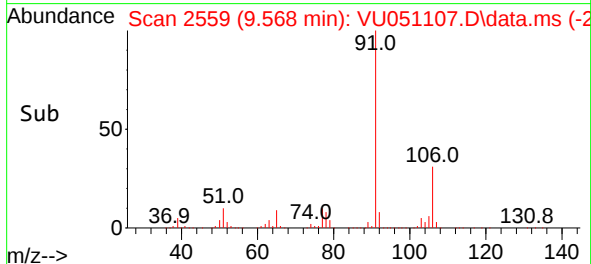
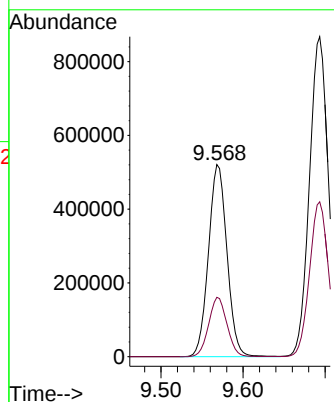
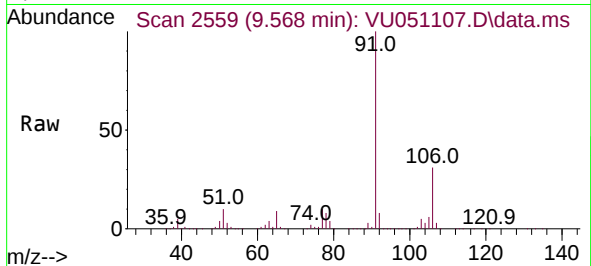




#63
Ethyl Benzene
Concen: 12.098 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

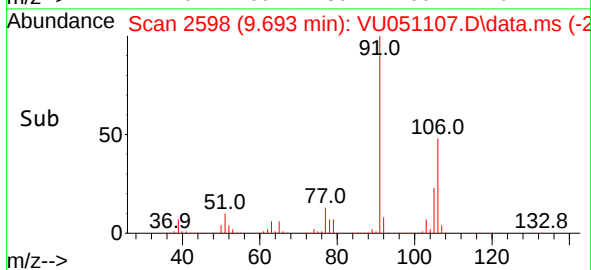
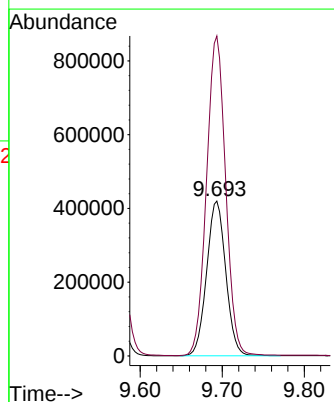
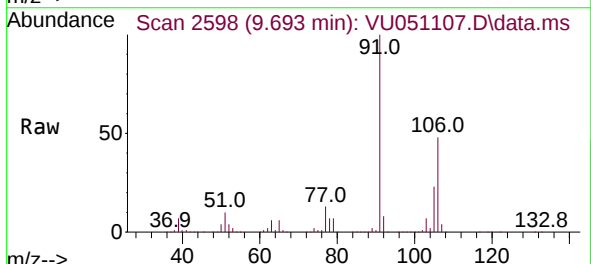
Instrument :
MSVOA_U
ClientSampleId :

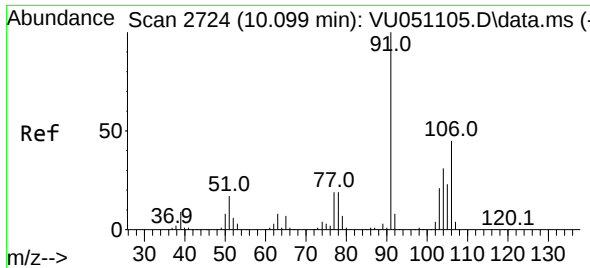
Tgt Ion: 91 Resp: 819084
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6



#64
m/p-Xylenes
Concen: 20.791 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion:106 Resp: 678670
Ion Ratio Lower Upper
106 100
91 206.4 167.8 251.6

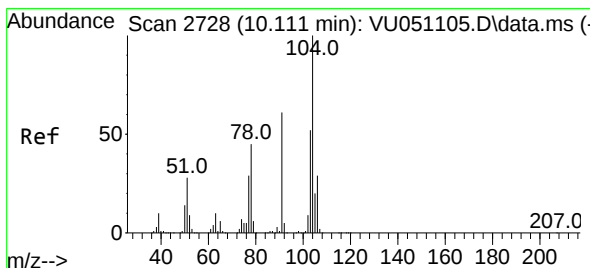
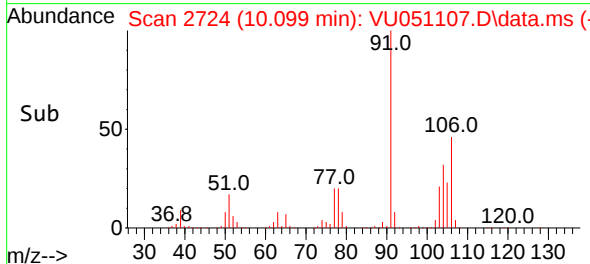
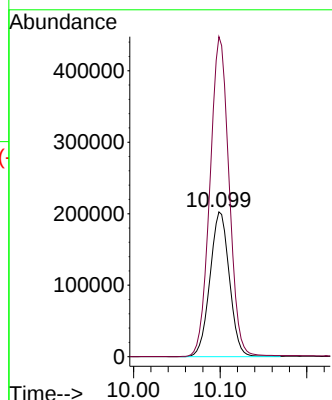
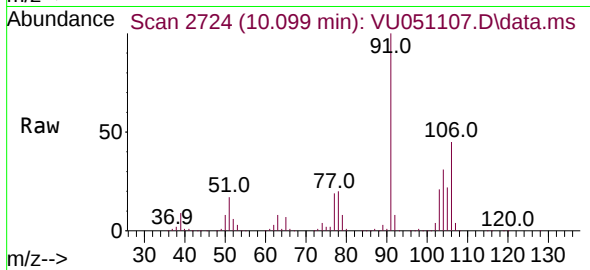




#65
o-Xylene
Concen: 12.162 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

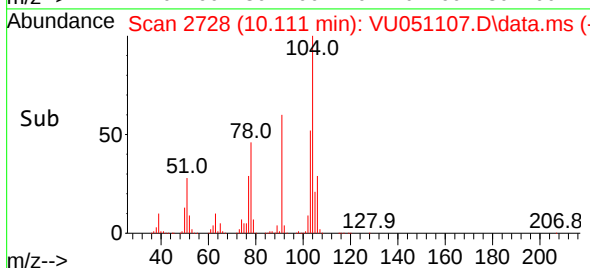
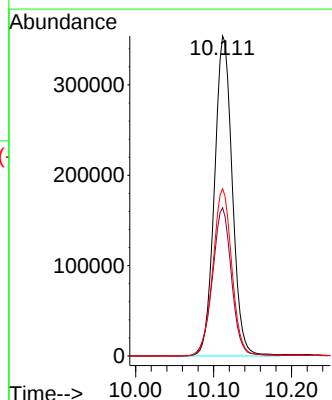
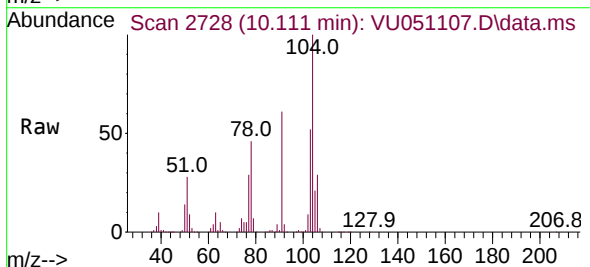
Instrument :
MSVOA_U
ClientSampleId :

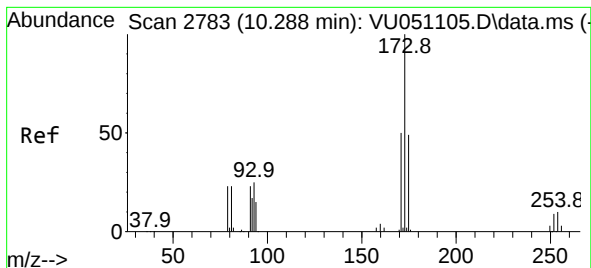
Tgt Ion:106 Resp: 315608
Ion Ratio Lower Upper
106 100
91 218.4 111.1 333.2



#66
Styrene
Concen: 10.619 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion:104 Resp: 563477
Ion Ratio Lower Upper
104 100
78 49.6 42.1 63.1
103 55.8 44.5 66.7





#67

Bromoform

Concen: 10.562 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

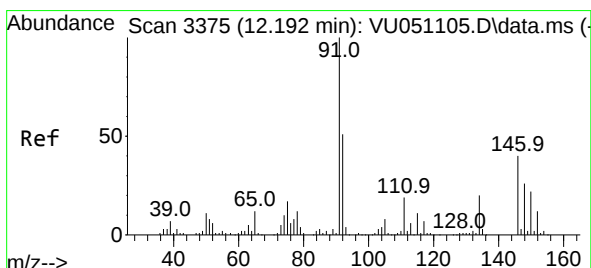
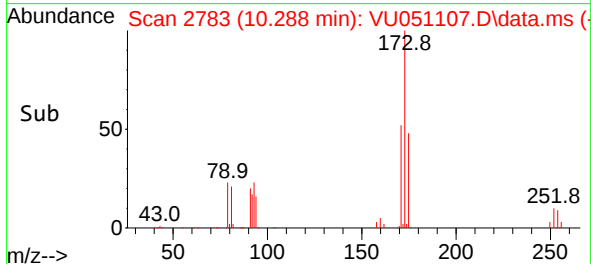
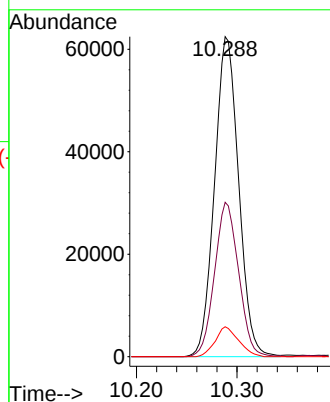
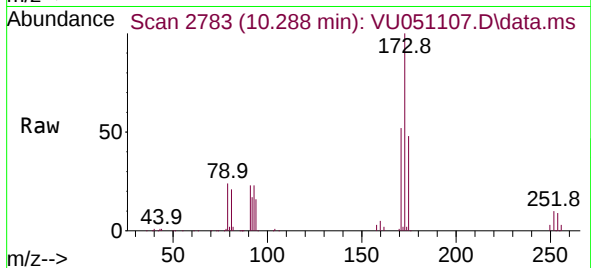
Tgt Ion:173 Resp: 104023

Ion Ratio Lower Upper

173 100

175 48.1 38.4 57.6

254 9.1 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.065 ug/l

RT: 12.192 min Scan# 3375

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

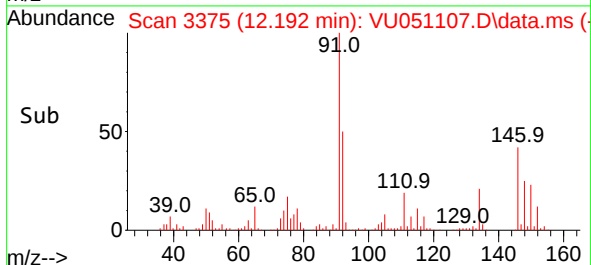
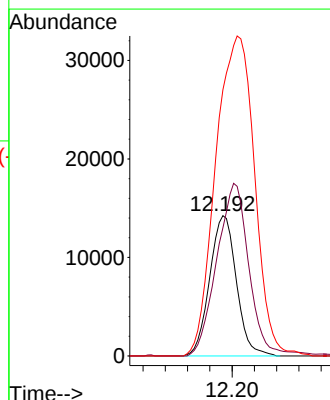
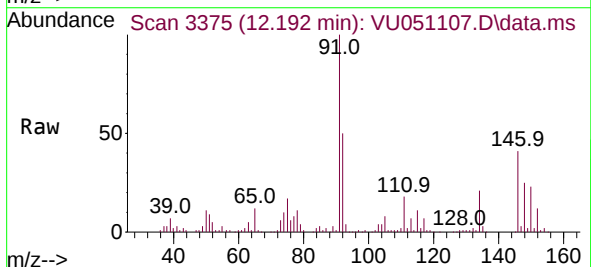
Tgt Ion:152 Resp: 23692

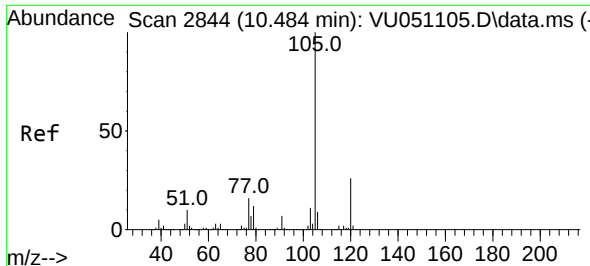
Ion Ratio Lower Upper

152 100

115 148.6 0.0 254.6

150 332.4 0.0 623.6

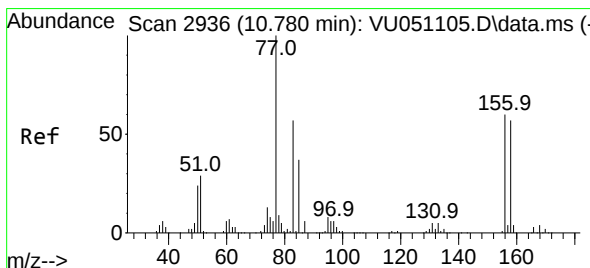
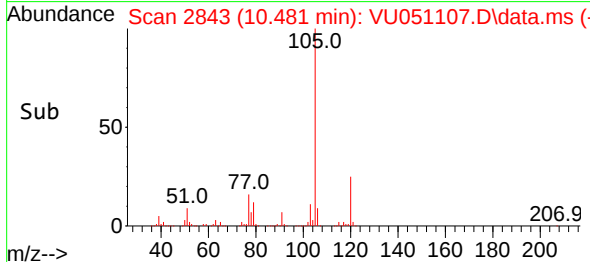
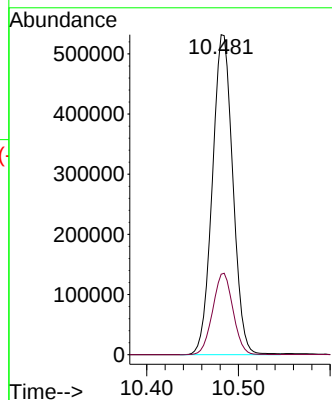
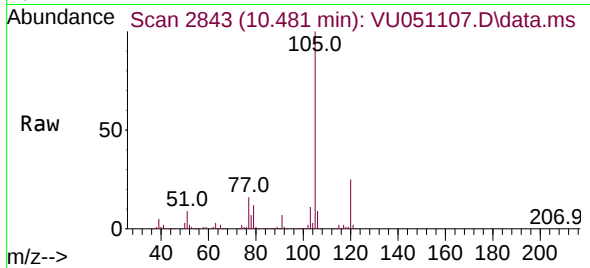




#69
Isopropylbenzene
Concen: 10.504 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

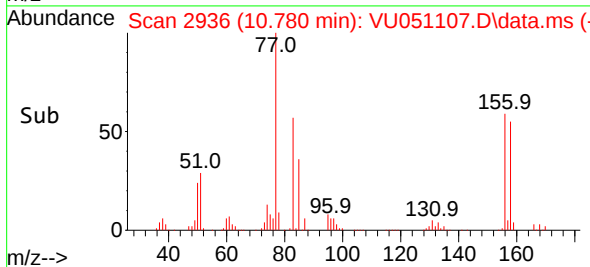
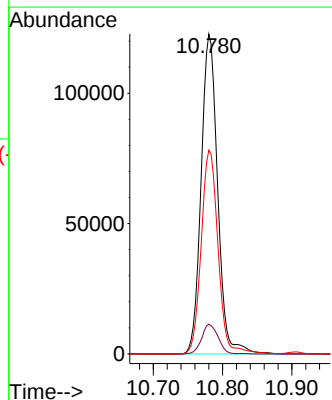
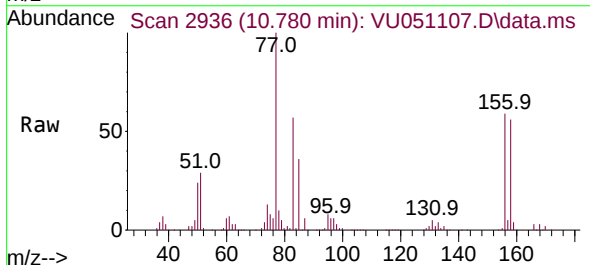
Instrument :
MSVOA_U
ClientSampleId :

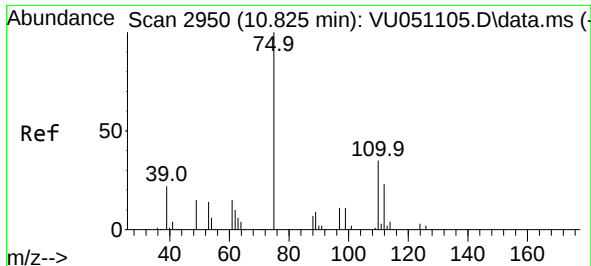
Tgt Ion:105 Resp: 824806
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 10.169 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion: 83 Resp: 203341
Ion Ratio Lower Upper
83 100
131 9.2 7.7 11.5
85 65.0 51.2 76.8

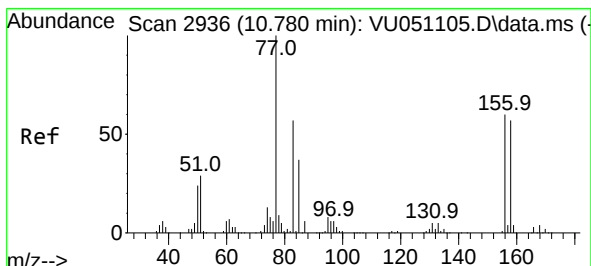
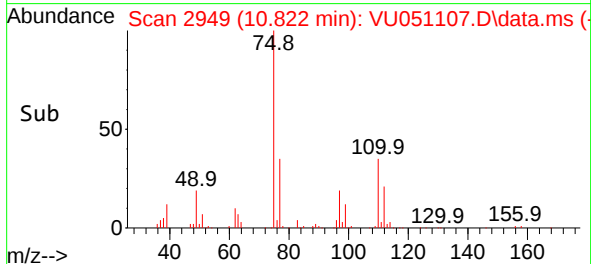
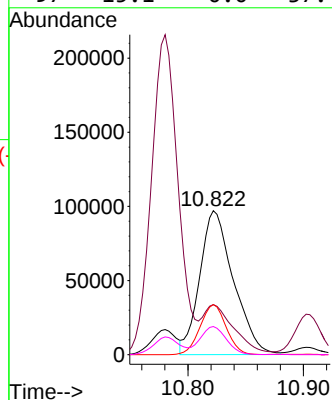
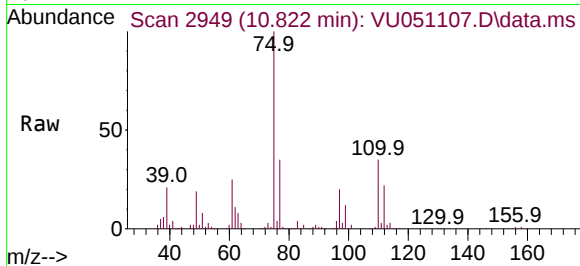




#71
1,2,3-Trichloropropane
Concen: 12.145 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

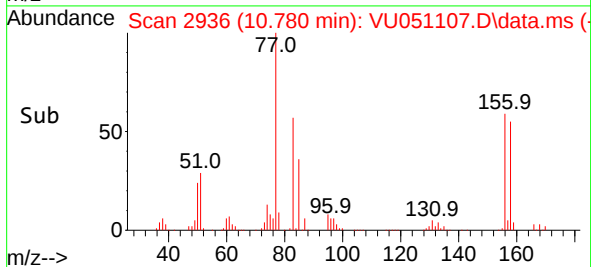
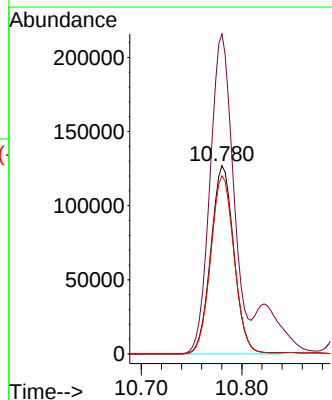
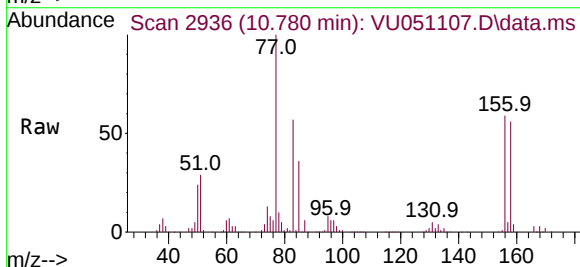
Instrument :
MSVOA_U
ClientSampleId :

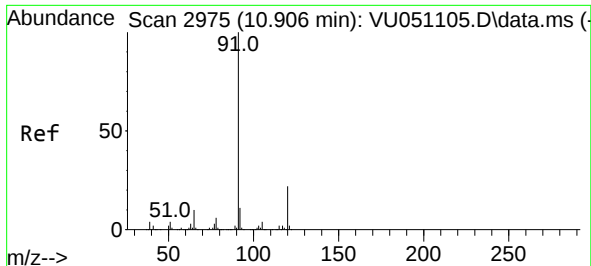
Tgt Ion: 75 Resp: 197110
Ion Ratio Lower Upper
75 100
77 31.6 0.0 112.4
110 27.1 0.0 70.6
97 15.1 0.0 37.4



#72
Bromobenzene
Concen: 11.542 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion:156 Resp: 202814
Ion Ratio Lower Upper
156 100
77 171.8 0.0 344.4
158 96.0 0.0 192.2

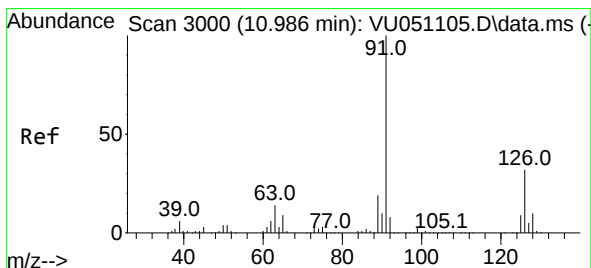
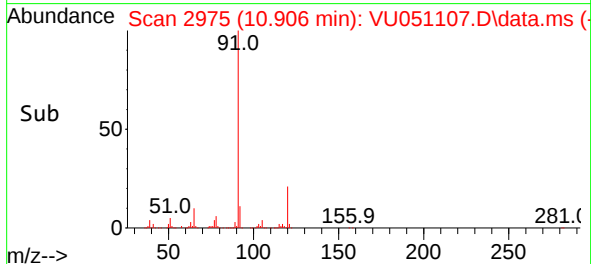
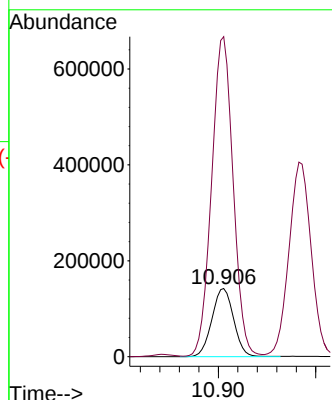
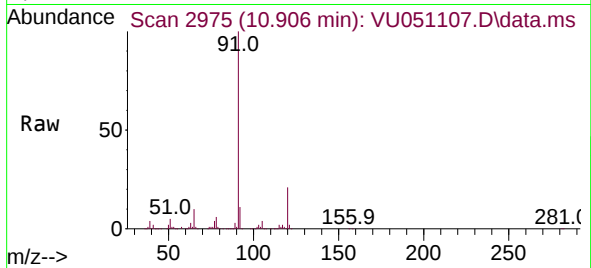




#73
n-propylbenzene
Concen: 10.066 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

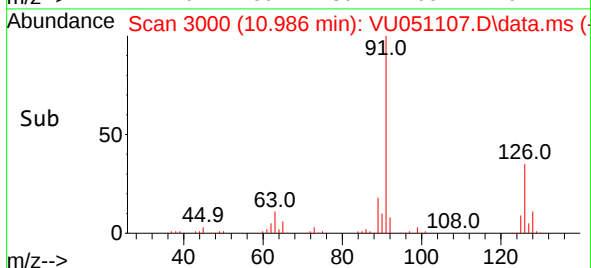
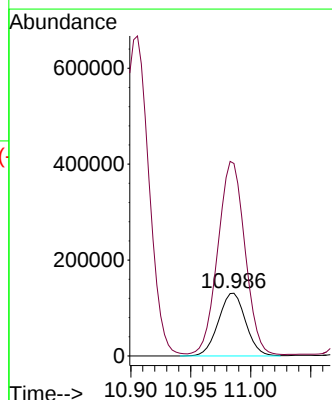
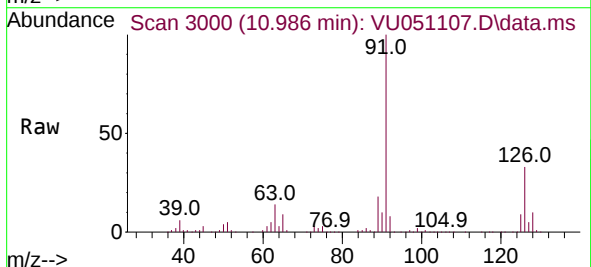
Instrument :
MSVOA_U
ClientSampleId :

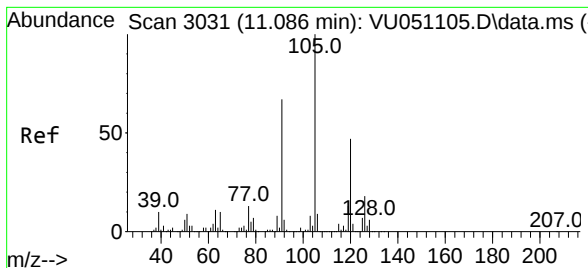
Tgt Ion:120 Resp: 220065
Ion Ratio Lower Upper
120 100
91 463.5 367.8 551.6



#74
2-Chlorotoluene
Concen: 12.129 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Tgt Ion:126 Resp: 206486
Ion Ratio Lower Upper
126 100
91 305.9 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 10.474 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

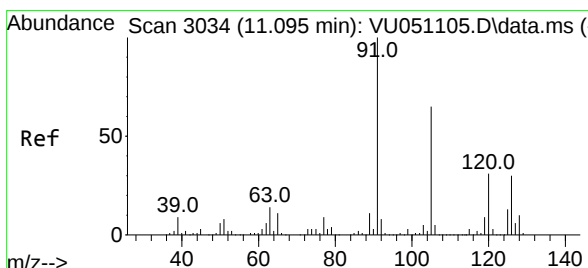
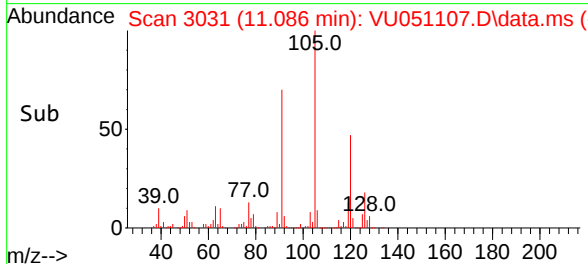
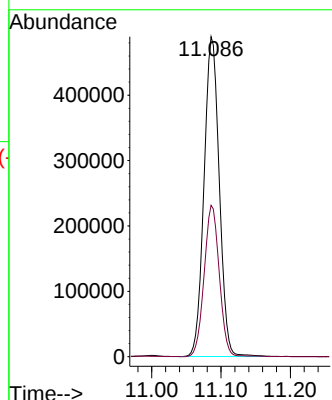
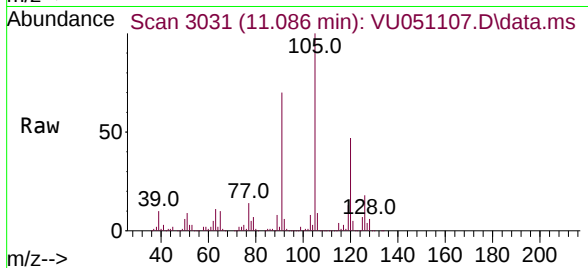
ClientSampleId :

Tgt Ion:105 Resp: 746579

Ion Ratio Lower Upper

105 100

120 47.1 37.6 56.4



#76

4-Chlorotoluene

Concen: 10.438 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.000 min

Lab File: VU051107.D

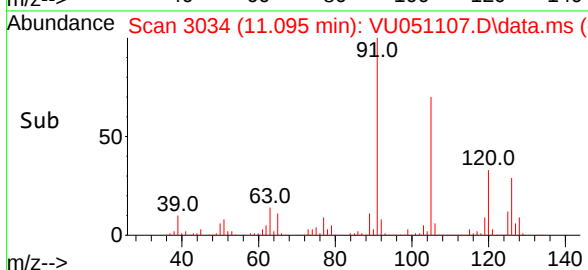
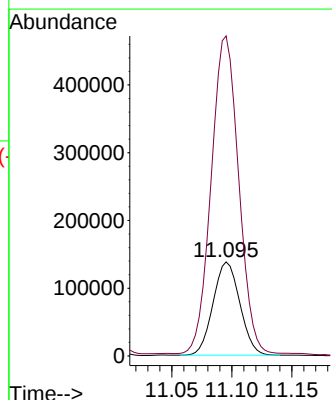
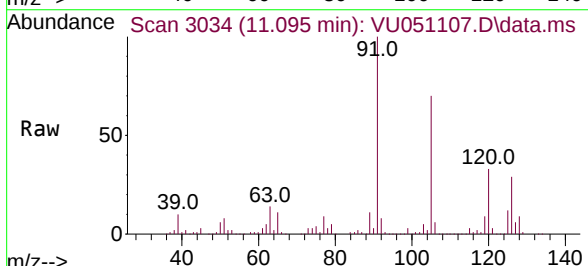
Acq: 04 Oct 2022 14:21

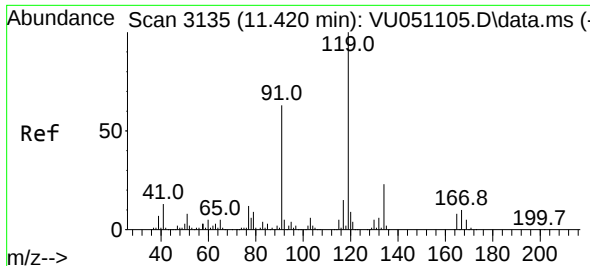
Tgt Ion:126 Resp: 213583

Ion Ratio Lower Upper

126 100

91 359.1 0.0 738.8

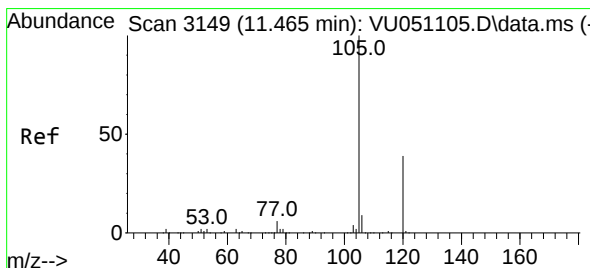
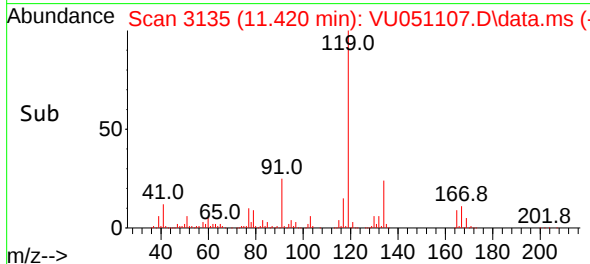
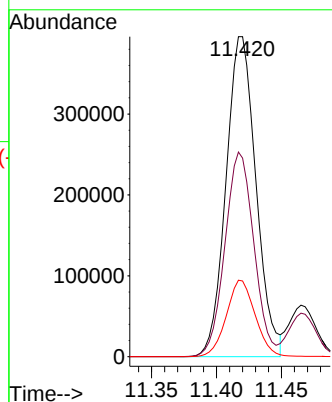
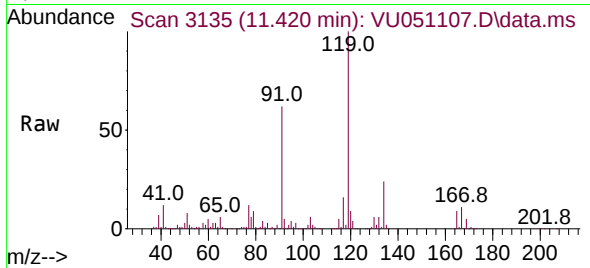




#77
 tert-Butylbenzene
 Concen: 11.991 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21

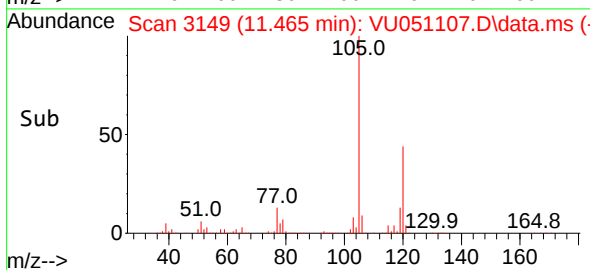
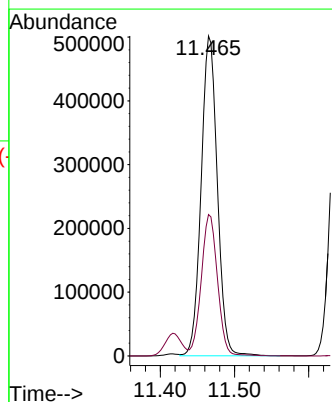
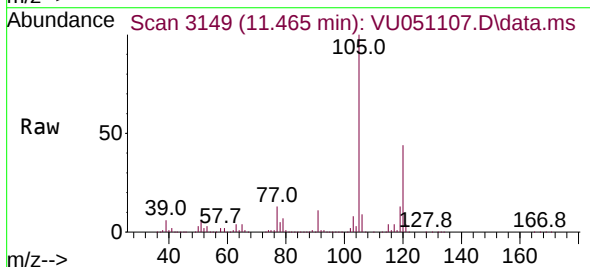
Instrument :
 MSVOA_U
 ClientSampleId :

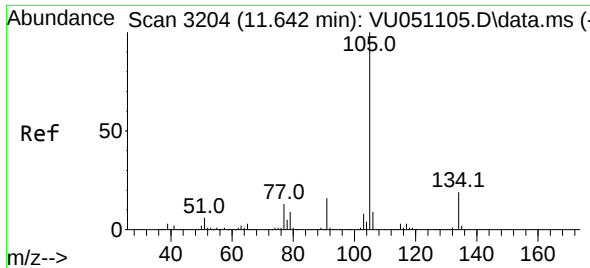
Tgt Ion:119 Resp: 637331
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.4 91.3
 134 23.1 17.8 26.6



#78
 1,2,4-Trimethylbenzene
 Concen: 10.237 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21

Tgt Ion:105 Resp: 759589
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.6 65.0

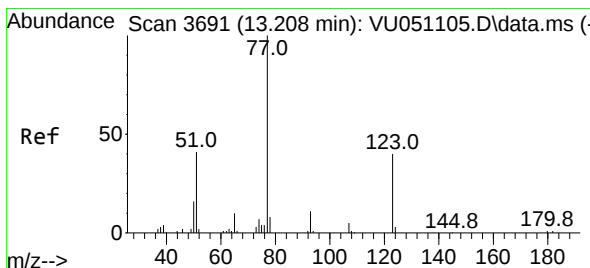
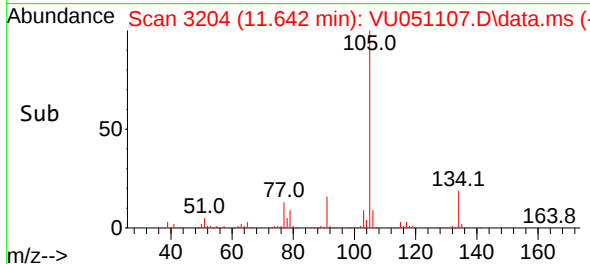
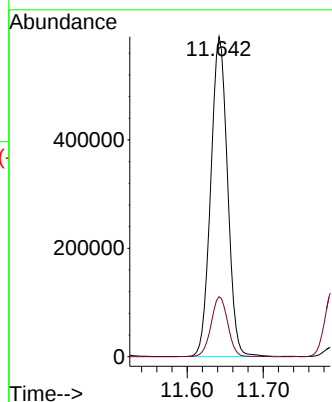
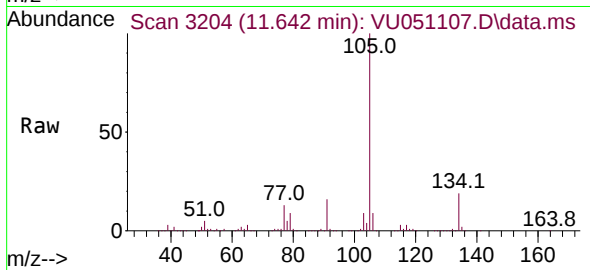




#79
 sec-Butylbenzene
 Concen: 10.100 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21

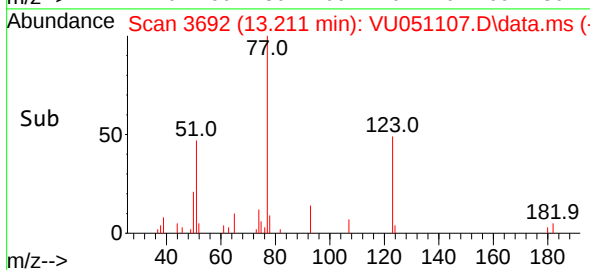
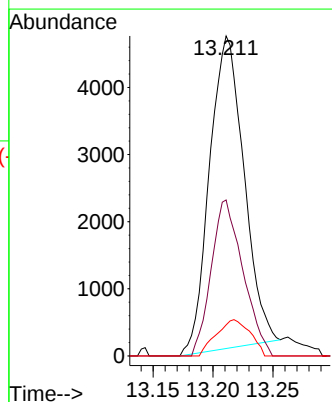
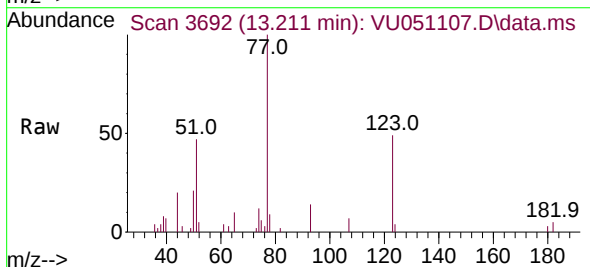
Instrument :
 MSVOA_U
 ClientSampleId :

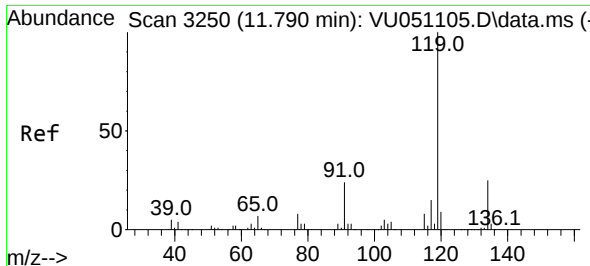
Tgt Ion:105 Resp: 903601
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.0



#80
 Nitrobenzene
 Concen: 9.847 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21

Tgt Ion: 77 Resp: 9290
 Ion Ratio Lower Upper
 77 100
 123 46.1 18.1 64.3
 65 11.4 10.8 13.8

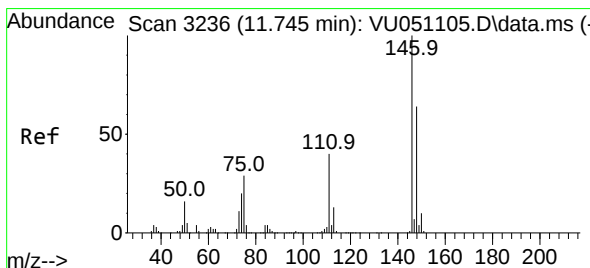
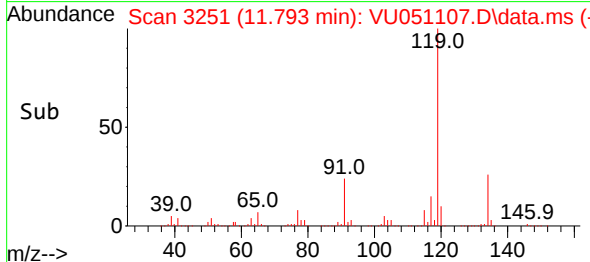
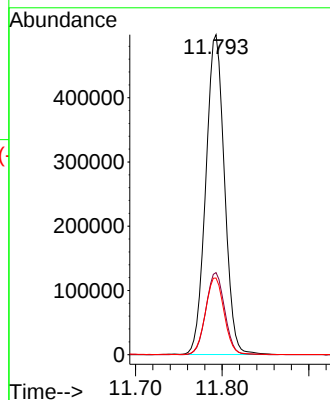
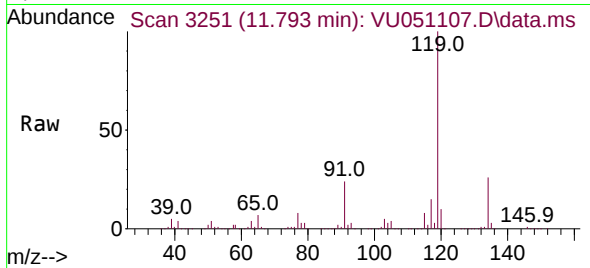




#81
p-Isopropyltoluene
Concen: 10.101 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

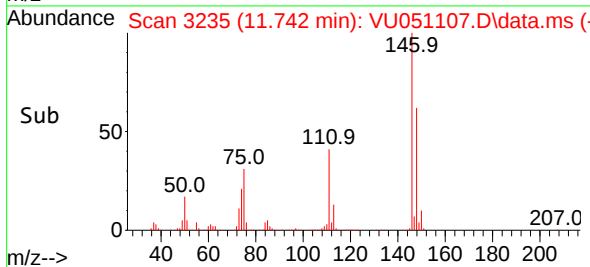
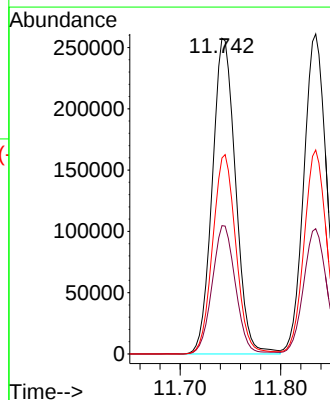
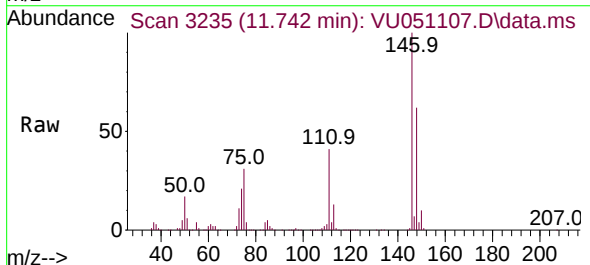
Instrument :
MSVOA_U
ClientSampleId :

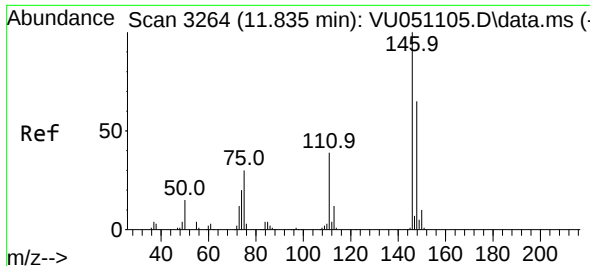
Tgt Ion:119 Resp: 744413
Ion Ratio Lower Upper
119 100
134 25.8 20.5 30.7
91 24.1 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 11.209 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

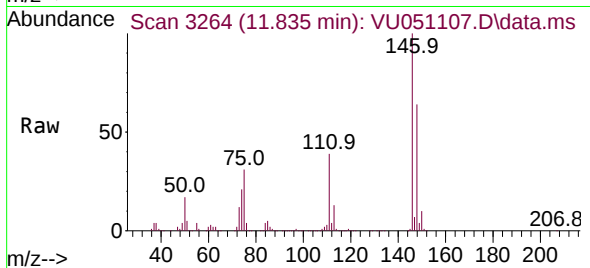
Tgt Ion:146 Resp: 415120
Ion Ratio Lower Upper
146 100
111 40.7 33.4 50.2
148 62.9 51.2 76.8



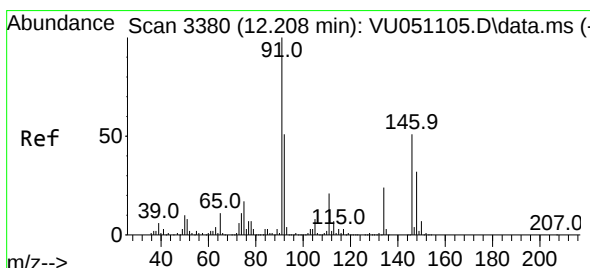
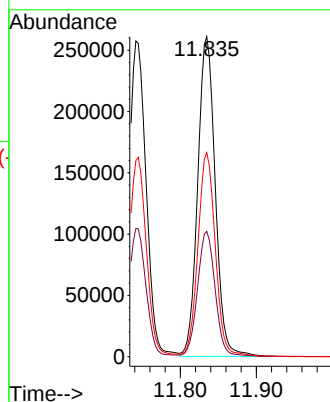
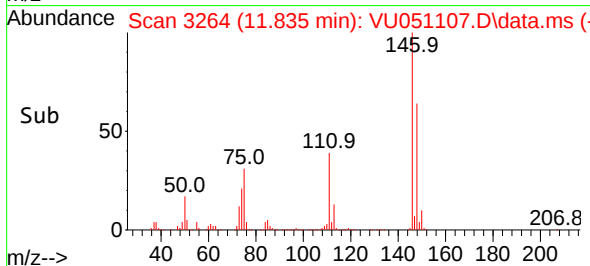


#83
1,4-Dichlorobenzene
Concen: 11.454 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

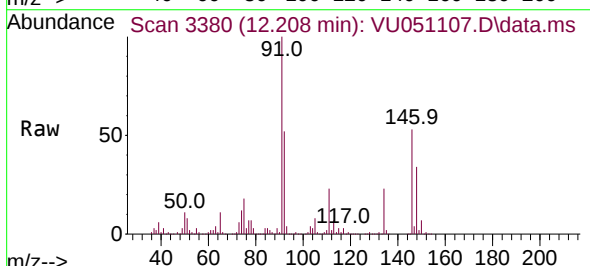
Instrument :
MSVOA_U
ClientSampleId :



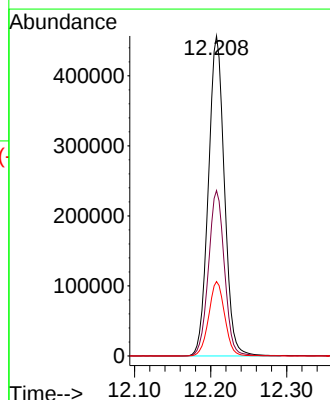
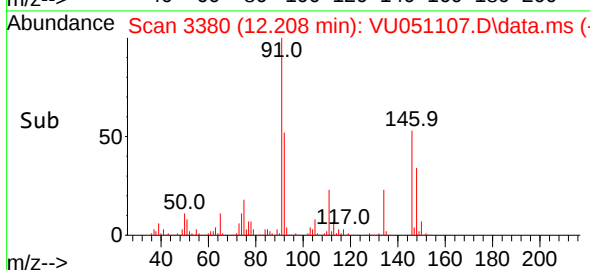
Tgt Ion:146 Resp: 418092
Ion Ratio Lower Upper
146 100
111 39.3 32.6 49.0
148 63.0 51.6 77.4

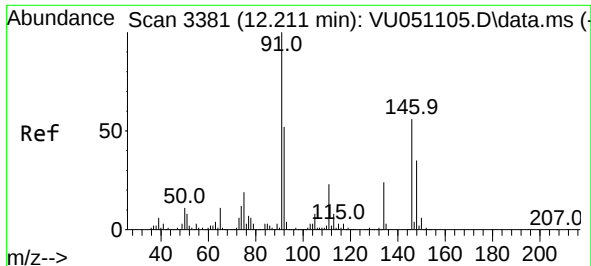


#84
n-Butylbenzene
Concen: 9.931 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21



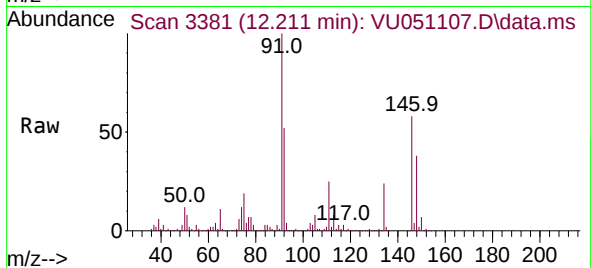
Tgt Ion: 91 Resp: 668762
Ion Ratio Lower Upper
91 100
92 51.4 42.3 63.5
134 23.2 19.6 29.4



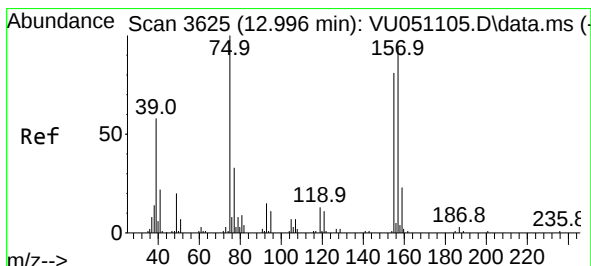
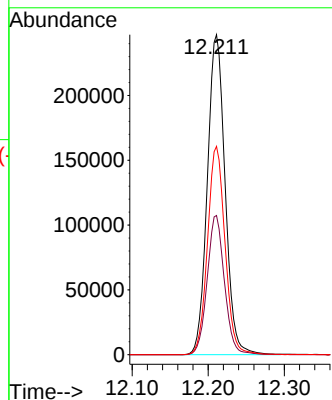
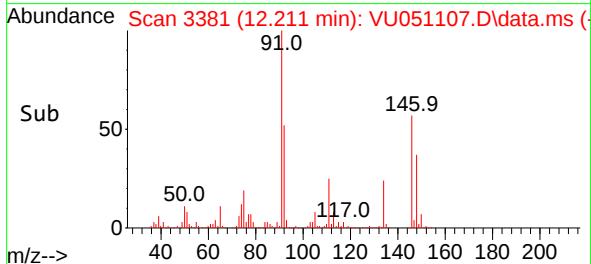


#85
1,2-Dichlorobenzene
Concen: 10.980 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

Instrument :
MSVOA_U
ClientSampleId :

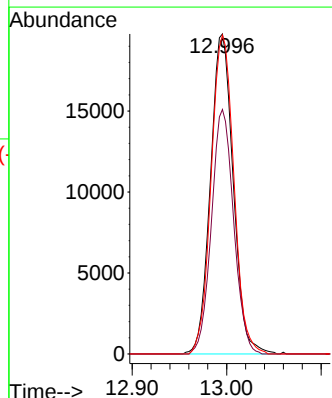
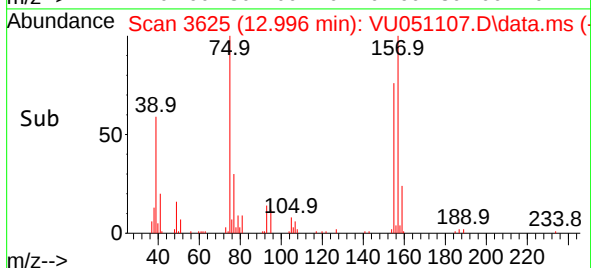
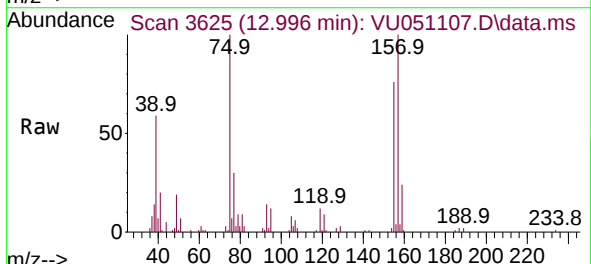


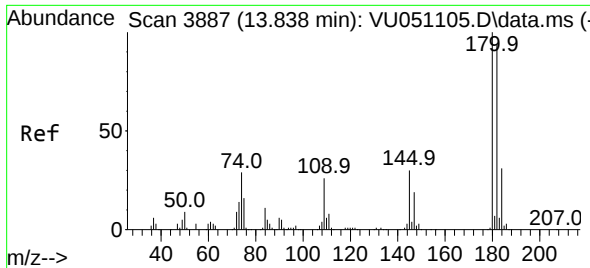
Tgt Ion:146 Resp: 400571
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.1
148 64.2 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.681 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.001 min
Lab File: VU051107.D
Acq: 04 Oct 2022 14:21

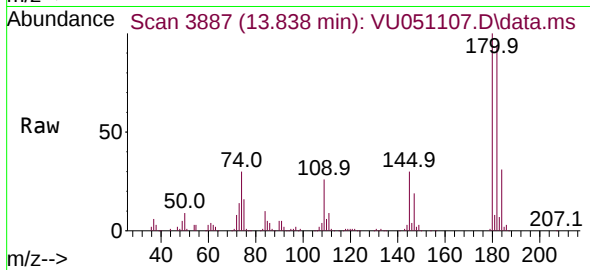
Tgt Ion: 75 Resp: 33024
Ion Ratio Lower Upper
75 100
155 74.6 66.8 100.2
157 99.4 83.8 125.8





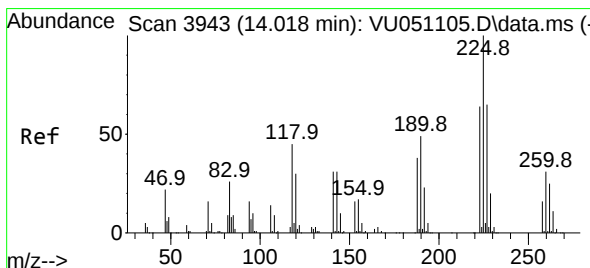
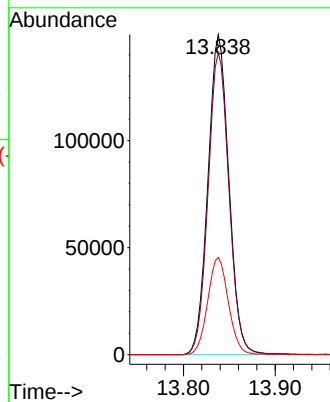
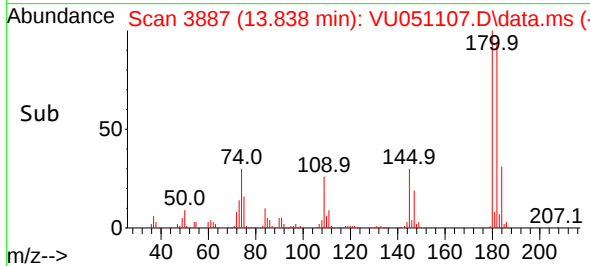
#87
 1,2,4-Trichlorobenzene
 Concen: 11.418 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21

Instrument :
 MSVOA_U
 ClientSampleId :

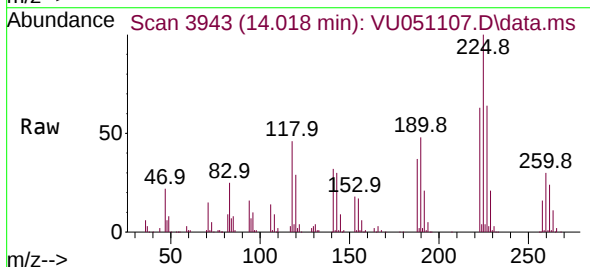


Tgt Ion:180 Resp: 236797

Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.6
145	30.1	25.7	38.5

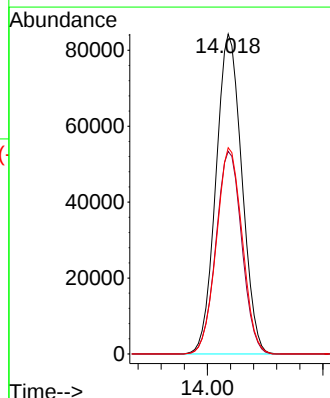
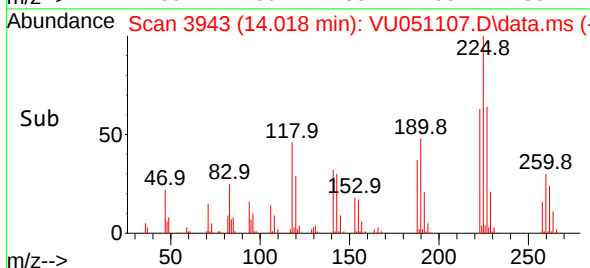


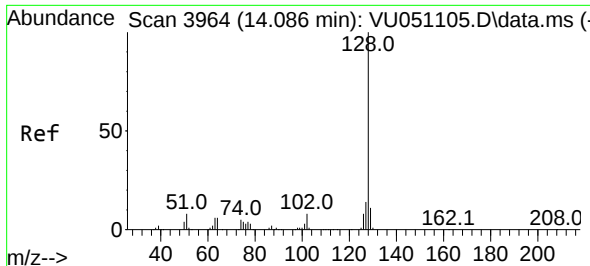
#88
 Hexachlorobutadiene
 Concen: 10.362 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. -0.000 min
 Lab File: VU051107.D
 Acq: 04 Oct 2022 14:21



Tgt Ion:225 Resp: 131384

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.3	50.7	76.1





#89

Naphthalene

Concen: 13.160 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

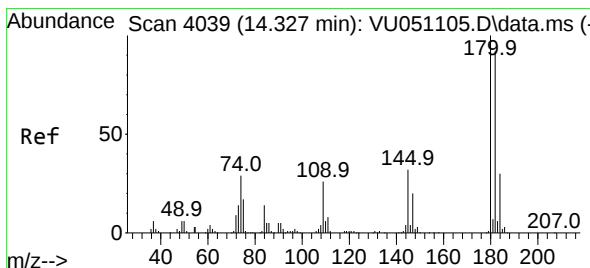
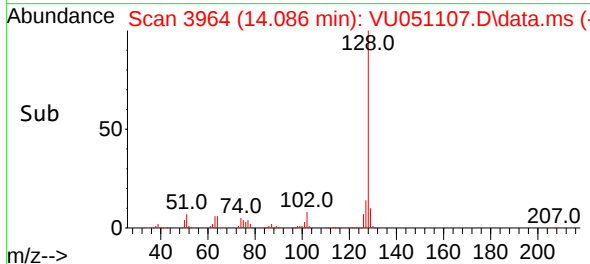
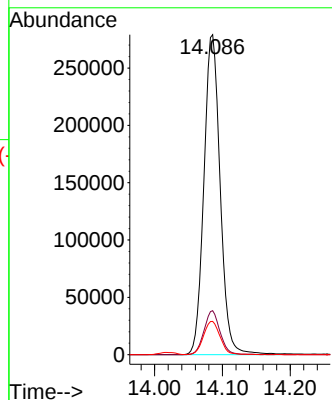
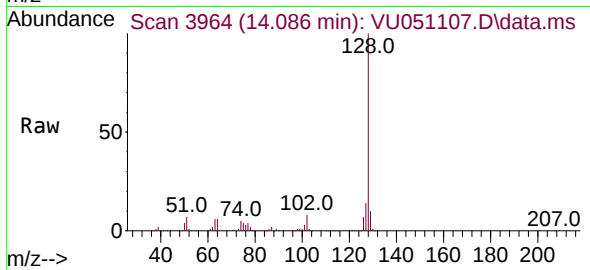
Tgt Ion:128 Resp: 465705

Ion Ratio Lower Upper

128 100

127 13.5 10.1 15.1

129 10.7 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 10.725 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU051107.D

Acq: 04 Oct 2022 14:21

Tgt Ion:180 Resp: 231633

Ion Ratio Lower Upper

180 100

182 94.5 76.6 114.8

145 31.5 27.3 40.9

