

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
 Data File : VU051105.D
 Acq On : 04 Oct 2022 12:57
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 05 02:02:07 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	67095	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	24717	1.003	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	26299	1.133	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	216632	8.702	ug/l	100
3) Chloromethane	1.523	50	273784	10.270	ug/l	98
4) Vinyl Chloride	1.604	62	275234	11.236	ug/l	99
5) Bromomethane	1.861	94	157453	11.985	ug/l	97
6) Chloroethane	1.935	64	166726	11.943	ug/l	100
7) Trichlorofluoromethane	2.141	101	311662	10.754	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	181360	11.711	ug/l	96
9) 1,1-Dichloroethene	2.581	96	187597	11.938	ug/l	96
10) Iodomethane	2.723	142	288977	13.869	ug/l	93
11) Allyl Chloride	2.925	41	294280	11.149	ug/l	95
12) Acrylonitrile	3.324	53	106597	24.764	ug/l	98
13) Acetone	2.649	43	156482	48.096	ug/l	95
14) Carbon Disulfide	2.793	76	679309	12.836	ug/l	99
15) Methylene Chloride	3.044	84	238227	11.803	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	204647	12.293	ug/l	98
17) 1,1-Dichloroethane	3.867	63	366652	10.933	ug/l	100
18) 2-Butanone	4.723	43	249720	45.938	ug/l	99
19) Cyclohexane	5.388	56	259284	8.358	ug/l	# 83
20) Methylcyclohexane	6.764	83	299048	9.745	ug/l	99
21) 2,2-Dichloropropane	4.665	77	258476	9.708	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	213359	10.738	ug/l	96
23) Diethyl Ether	2.379	59	162416	12.018	ug/l	98
24) tert-Butyl Alcohol	3.256	59	86171	62.903	ug/l	# 73
25) Methyl tert-Butyl Ether	3.366	73	481618	11.061	ug/l	96
26) Bromochloromethane	4.973	128	97983	11.498	ug/l	95
27) Chloroform	5.089	83	374418	11.259	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	301698	10.505	ug/l	98
29) 1,1-Dichloropropene	5.526	75	265673	10.364	ug/l	99
30) Carbon Tetrachloride	5.523	117	254779	10.565	ug/l	98
31) Isopropyl Ether	3.996	45	512850	9.247	ug/l	92
32) Ethyl-t-butyl ether	4.507	59	458776	8.804	ug/l	98
33) Tert-Amyl methyl ether	5.944	73	424103	9.251	ug/l	98
34) Propionitrile	4.800	54	77085	49.200	ug/l	# 91
35) Benzene	5.774	78	826078	11.144	ug/l	98
36) 1,2-Dichloroethane	5.797	62	244802	11.448	ug/l	100
37) Trichloroethene	6.542	130	199147	10.715	ug/l	98
38) 1,2-Dichloropropane	6.790	63	226878	11.459	ug/l	100
39) Methacrylonitrile	4.980	41	61734	9.309	ug/l	92
40) Methyl acrylate	4.851	55	100610	9.672	ug/l	98
41) Tetrahydrofuran	5.070	42	63672	16.233	ug/l	96
42) 1-Chlorobutane	5.459	56	368960	10.286	ug/l	97
43) Dibromomethane	6.919	93	114031	11.484	ug/l	96
44) Bromodichloromethane	7.105	83	271487	11.507	ug/l	97

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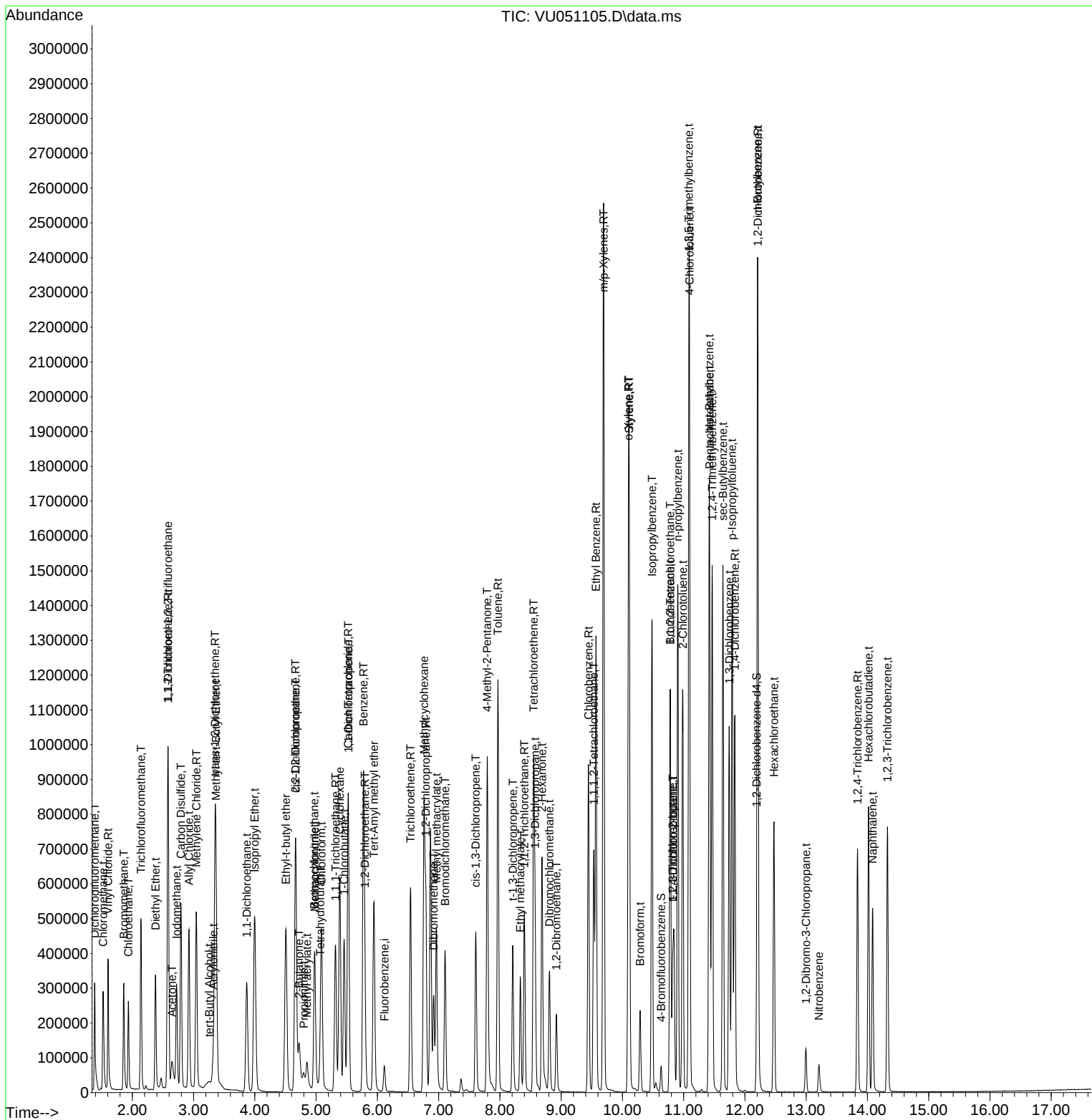
Instrument :
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 ClientSampleId :

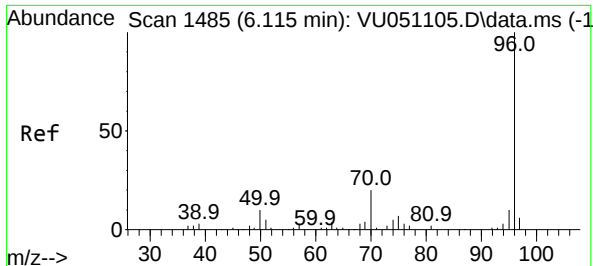
Quant Time: Oct 05 02:02:07 2022
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	636889	48.803	ug/l	97
46) t-1,4-Dichloro-2-butene	10.825	75	258508	61.193	ug/l #	51
47) Methyl methacrylate	6.964	69	210635	21.497	ug/l	93
48) Ethyl methacrylate	8.333	69	180517	9.416	ug/l	92
49) Toluene	7.967	92	490656	10.903	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	236229	10.597	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	271835	10.353	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	162416	11.796	ug/l	97
53) 1,3-Dichloropropane	8.575	76	273409	11.180	ug/l	100
54) 2-Hexanone	8.687	43	452886	49.759	ug/l	99
55) Dibromochloromethane	8.809	129	180024	11.599	ug/l	98
56) 1,2-Dibromoethane	8.922	107	153244	11.552	ug/l	99
58) Tetrachloroethene	8.552	164	203021	12.636	ug/l	97
59) Chlorobenzene	9.446	112	508593	10.799	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.533	131	185615	11.048	ug/l	98
61) Pentachloroethane	11.423	117	127290	10.085	ug/l	88
62) Hexachloroethane	12.475	117	154268	11.823	ug/l	99
63) Ethyl Benzene	9.568	91	884250	10.549	ug/l	100
64) m/p-Xylenes	9.693	106	721306	22.873	ug/l	98
65) o-Xylene	10.099	106	334921	10.878	ug/l	98
66) Styrene	10.111	104	583575	11.686	ug/l	98
67) Bromoform	10.288	173	105253	11.812	ug/l	98
69) Isopropylbenzene	10.484	105	853984	10.510	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	209471	11.655	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	258508	17.288	ug/l	71
72) Bromobenzene	10.780	156	210952	11.301	ug/l	100
73) n-propylbenzene	10.906	120	240774	11.559	ug/l	99
74) 2-Chlorotoluene	10.986	126	215094	11.505	ug/l	99
75) 1,3,5-Trimethylbenzene	11.086	105	782085	11.332	ug/l	99
76) 4-Chlorotoluene	11.095	126	227214	11.974	ug/l	92
77) tert-Butylbenzene	11.420	119	696807	10.407	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	824457	11.798	ug/l	99
79) sec-Butylbenzene	11.642	105	992034	11.163	ug/l	99
80) Nitrobenzene	13.208	77	50608	66.853	ug/l	99
81) p-Isopropyltoluene	11.790	119	810599	11.260	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	433604	11.885	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	439868	11.872	ug/l	98
84) n-Butylbenzene	12.208	91	736536	11.104	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	421620	11.826	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	34003	11.039	ug/l	92
87) 1,2,4-Trichlorobenzene	13.838	180	221688	9.796	ug/l	97
88) Hexachlorobutadiene	14.018	225	144724	11.999	ug/l	99
89) Naphthalene	14.086	128	432101	9.193	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	232284	10.522	ug/l	99

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

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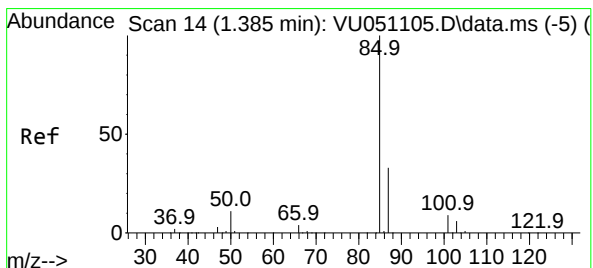
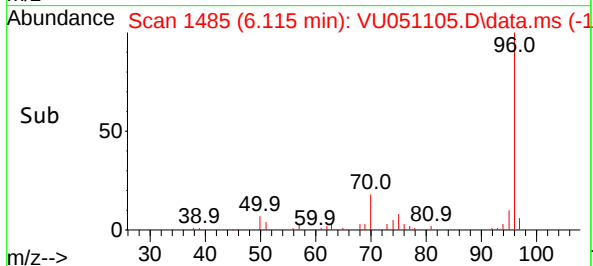
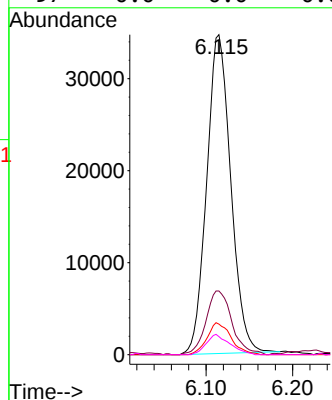
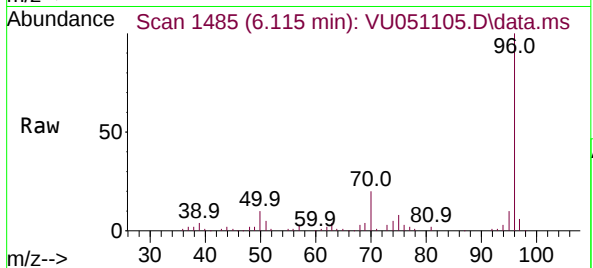




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

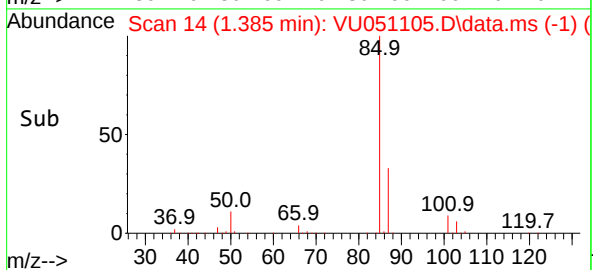
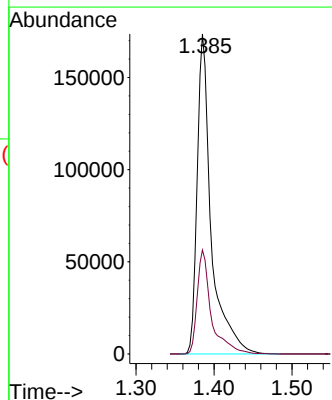
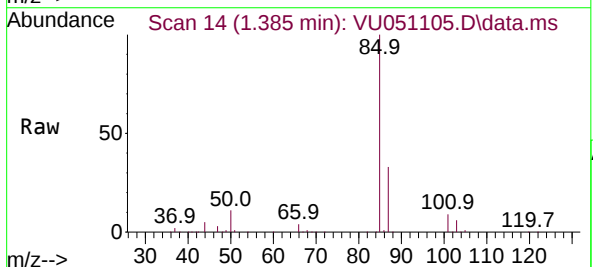
Instrument :
MSVOA_U
ClientSampleId :

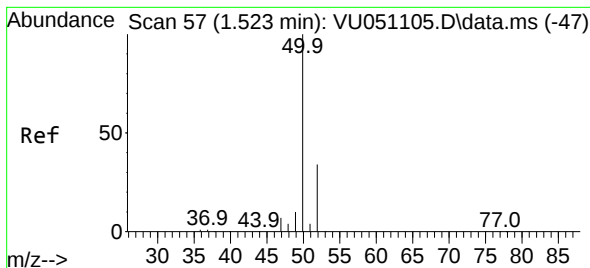
Tgt Ion: 96	Resp: 67095
Ion Ratio	Lower Upper
96 100	
70 21.5	16.7 25.1
95 10.0	7.4 11.0
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 8.702 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 85	Resp: 216632
Ion Ratio	Lower Upper
85 100	
87 32.5	16.3 48.8





#3

Chloromethane

Concen: 10.270 ug/l

RT: 1.523 min Scan# 51

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

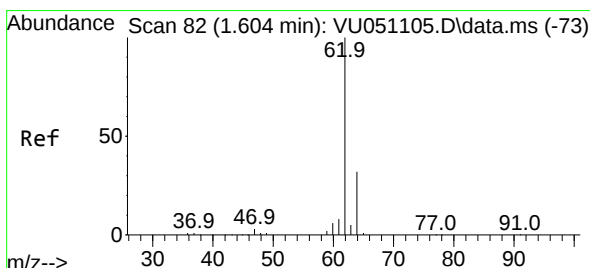
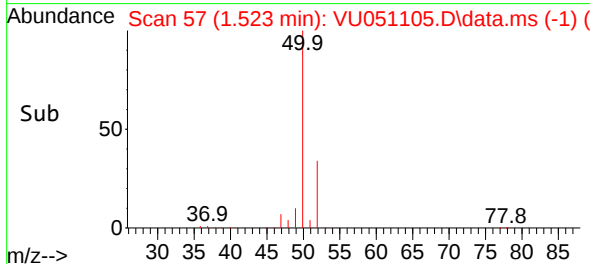
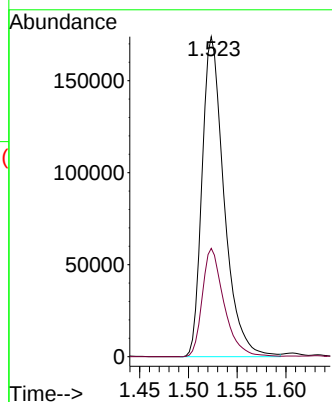
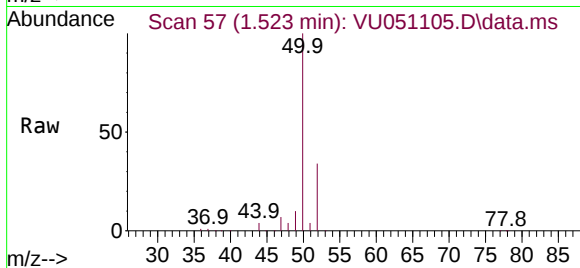
ClientSampleId :

Tgt Ion: 50 Resp: 273784

Ion Ratio Lower Upper

50 100

52 33.8 26.1 39.1



#4

Vinyl Chloride

Concen: 11.236 ug/l

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU051105.D

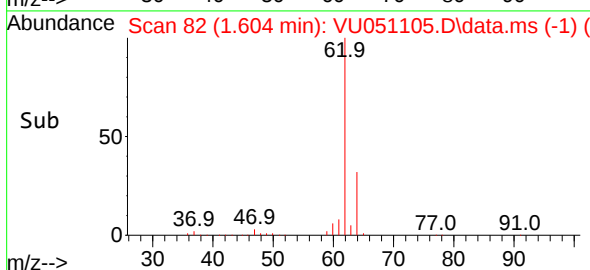
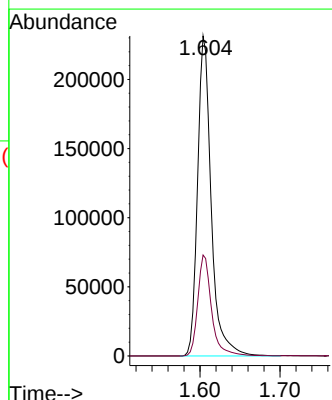
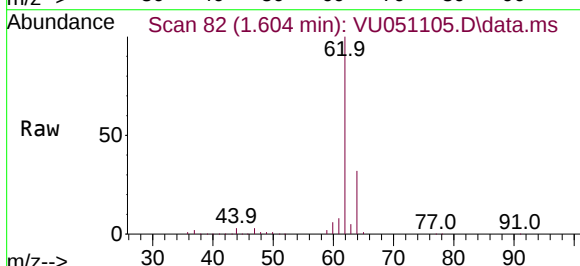
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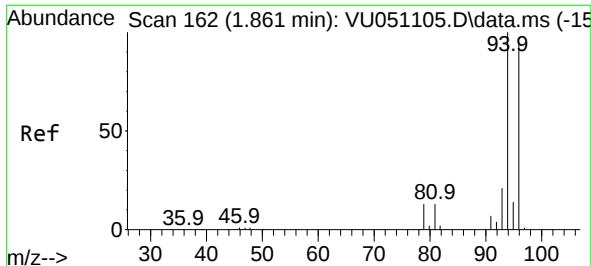
Tgt Ion: 62 Resp: 275234

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3

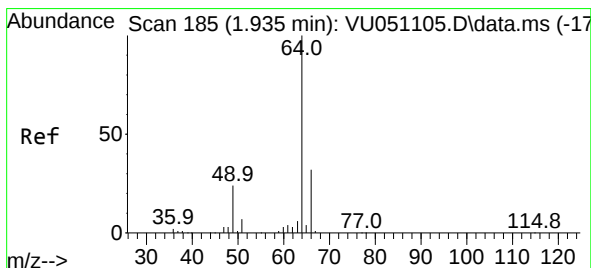
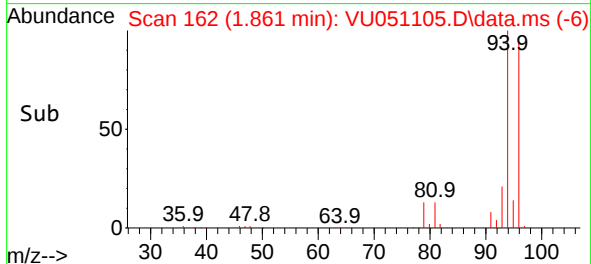
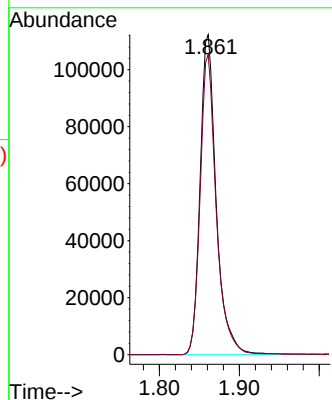
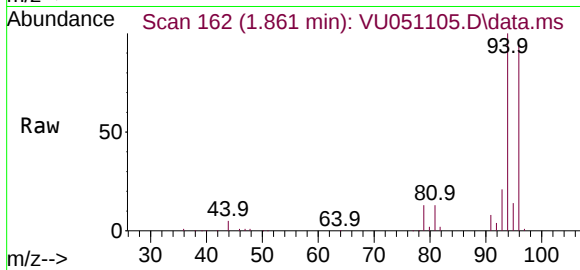




#5
Bromomethane
Concen: 11.985 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

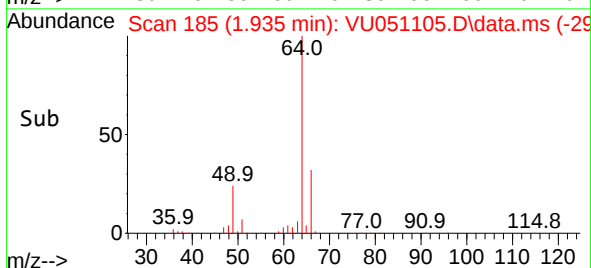
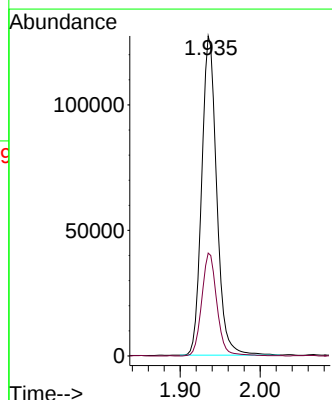
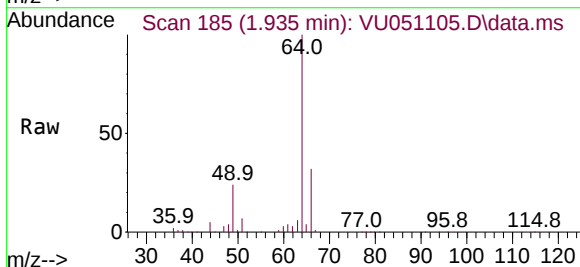
Instrument :
MSVOA_U
ClientSampleId :

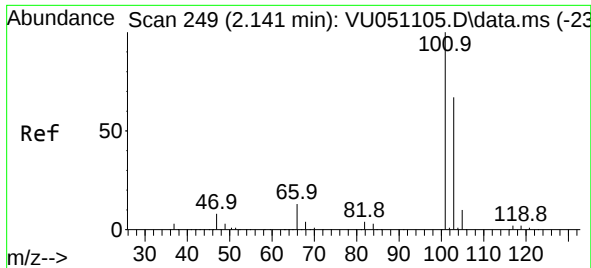
Tgt Ion: 94 Resp: 157453
Ion Ratio Lower Upper
94 100
96 93.8 73.0 109.6



#6
Chloroethane
Concen: 11.943 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 64 Resp: 166726
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

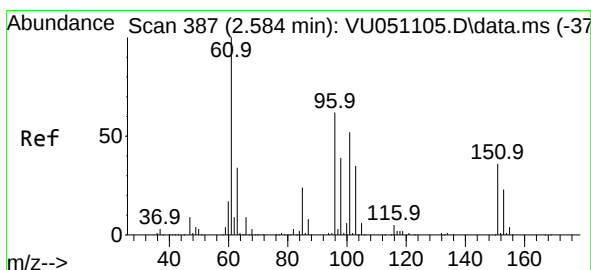
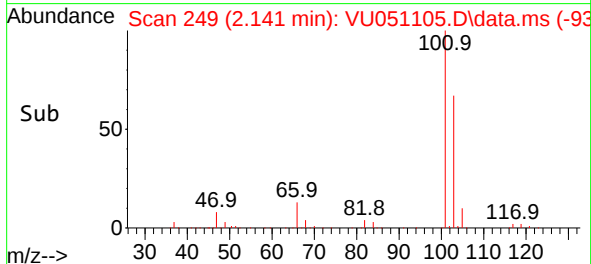
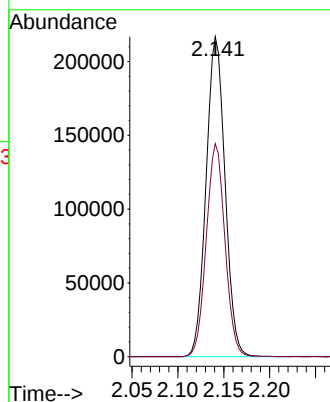
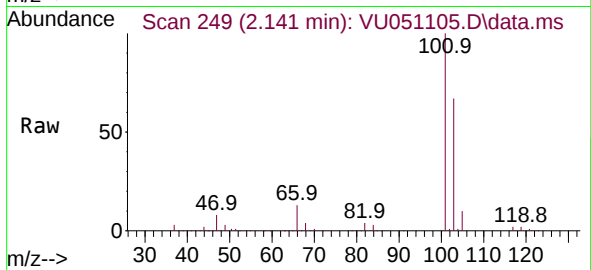




#7
 Trichlorofluoromethane
 Concen: 10.754 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

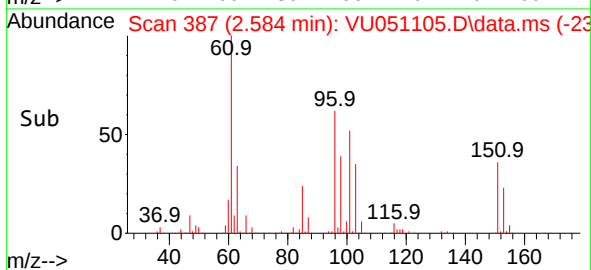
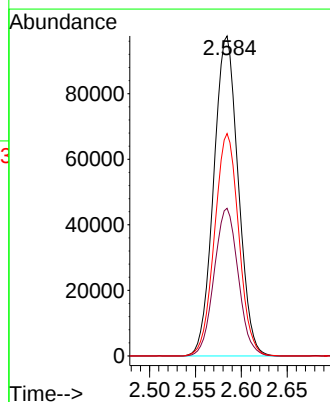
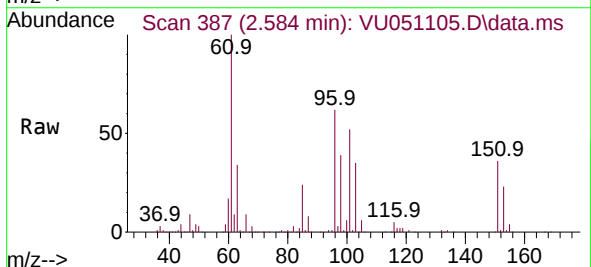
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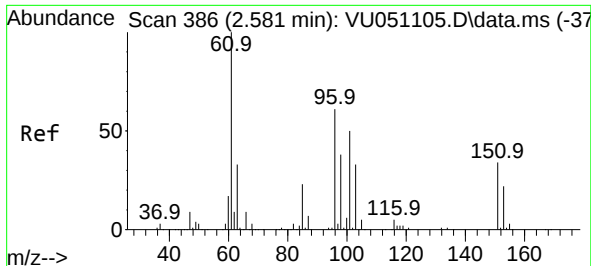
Tgt Ion:101 Resp: 311662
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.711 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

Tgt Ion:101 Resp: 181360
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.4 54.6
 151 68.8 59.1 88.7

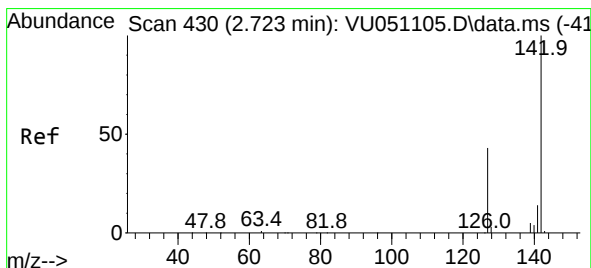
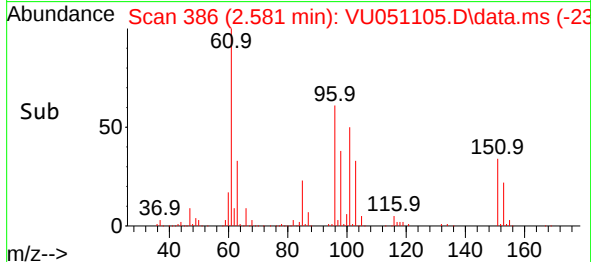
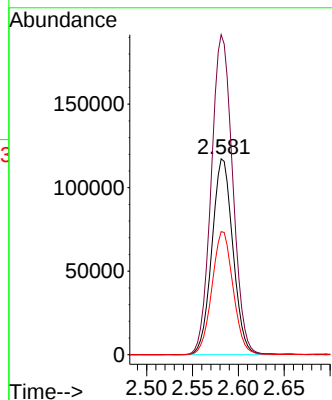
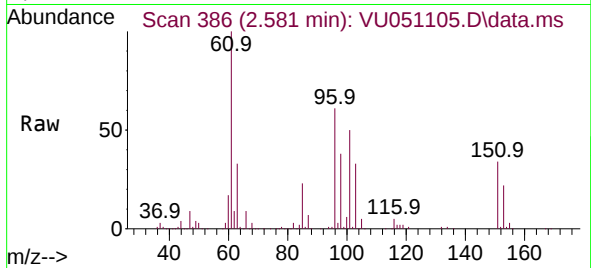




#9
1,1-Dichloroethene
Concen: 11.938 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

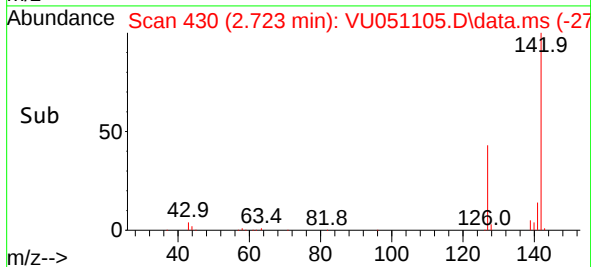
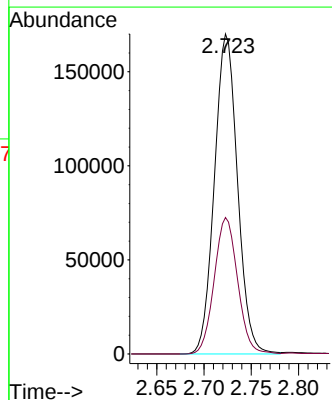
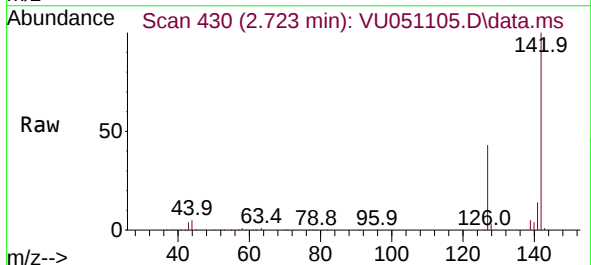
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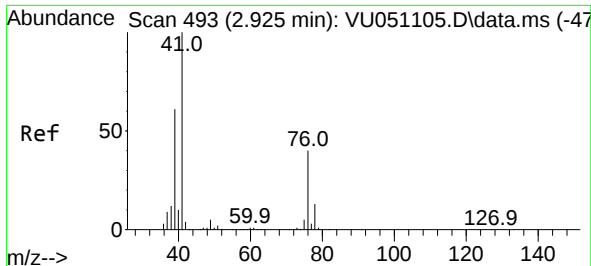
Tgt Ion: 96 Resp: 187597
Ion Ratio Lower Upper
96 100
61 163.4 0.0 510.6
98 62.8 0.0 124.6



#10
Iodomethane
Concen: 13.869 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion:142 Resp: 288977
Ion Ratio Lower Upper
142 100
127 43.2 38.2 57.2





#11

Allyl Chloride

Concen: 11.149 ug/l

RT: 2.925 min Scan# 493

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

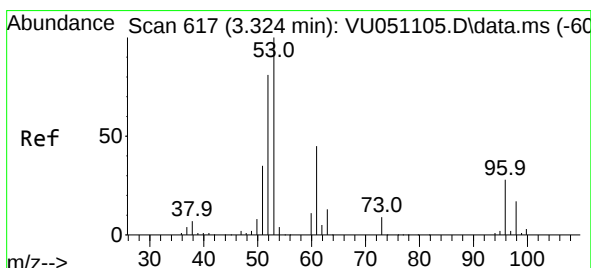
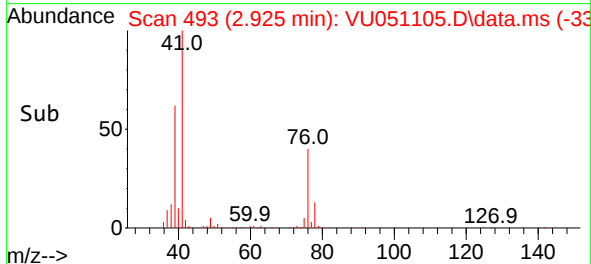
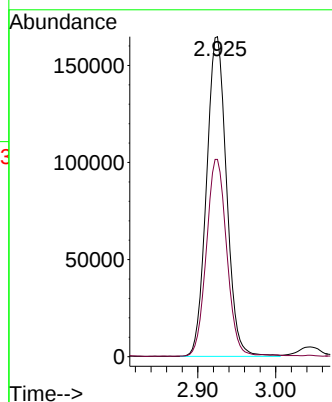
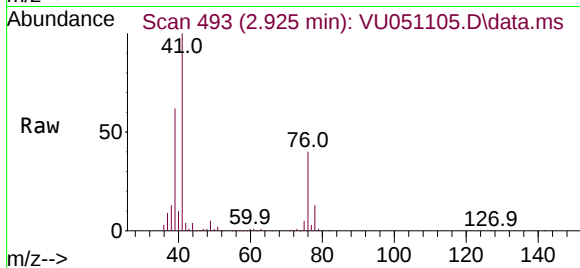
ClientSampleId :

Tgt Ion: 41 Resp: 294280

Ion Ratio Lower Upper

41 100

39 62.2 53.2 79.8



#12

Acrylonitrile

Concen: 24.764 ug/l

RT: 3.324 min Scan# 617

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

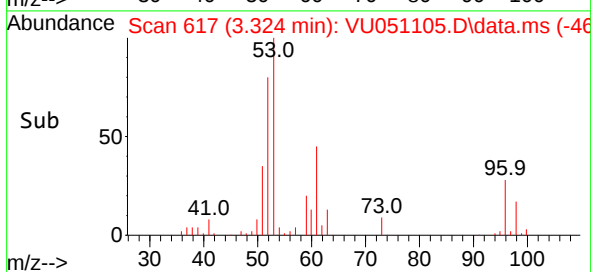
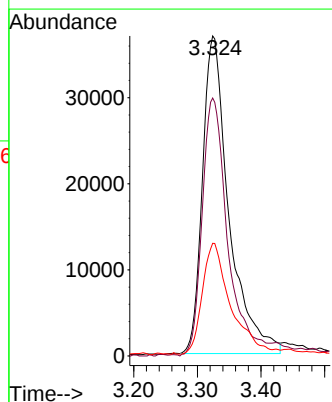
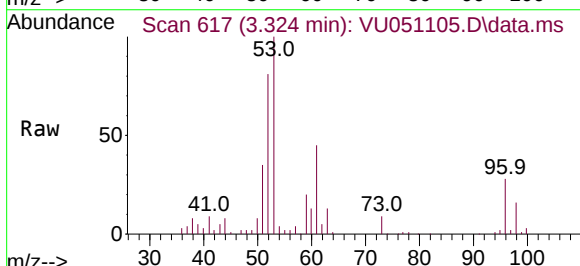
Tgt Ion: 53 Resp: 106597

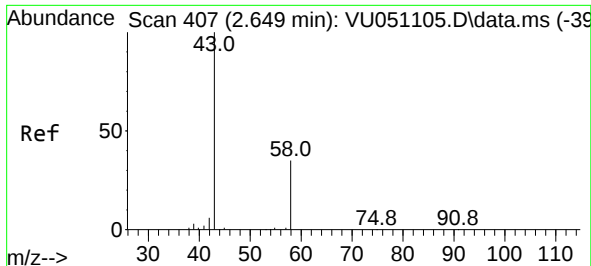
Ion Ratio Lower Upper

53 100

52 78.7 64.6 97.0

51 37.1 30.7 46.1





#13

Acetone

Concen: 48.096 ug/l

RT: 2.649 min Scan# 407

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

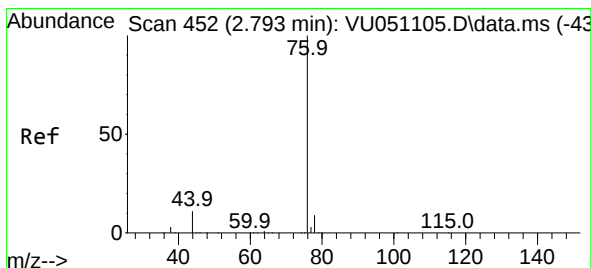
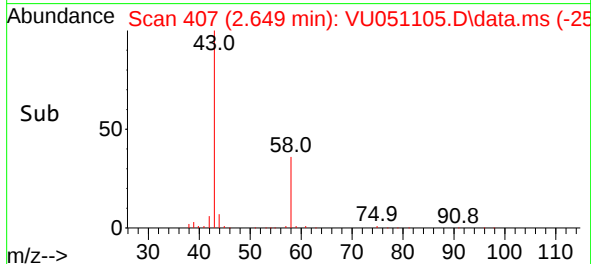
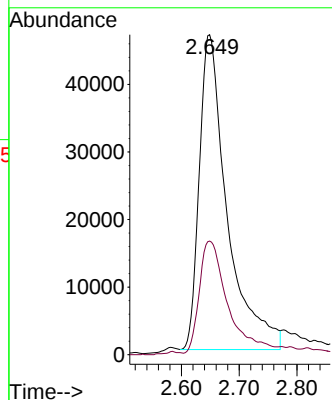
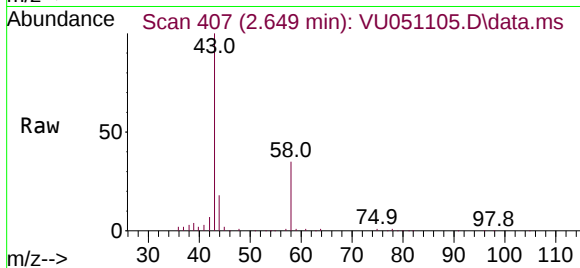
ClientSampleId :

Tgt Ion: 43 Resp: 156482

Ion Ratio Lower Upper

43 100

58 35.4 26.2 39.2



#14

Carbon Disulfide

Concen: 12.836 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU051105.D

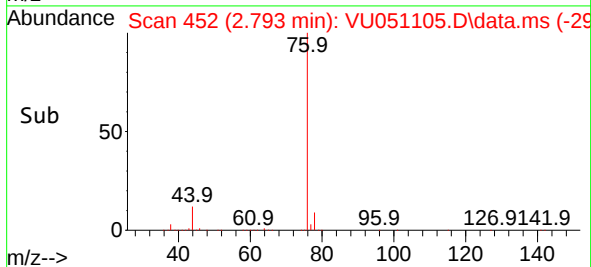
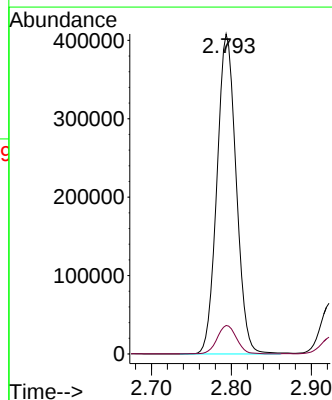
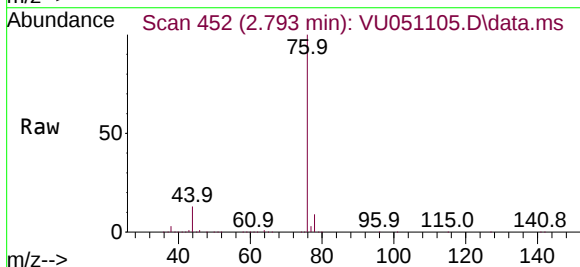
Acq: 04 Oct 2022 12:57

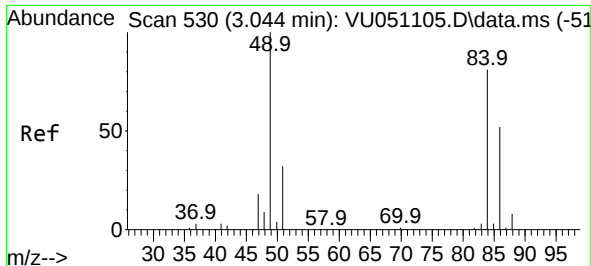
Tgt Ion: 76 Resp: 679309

Ion Ratio Lower Upper

76 100

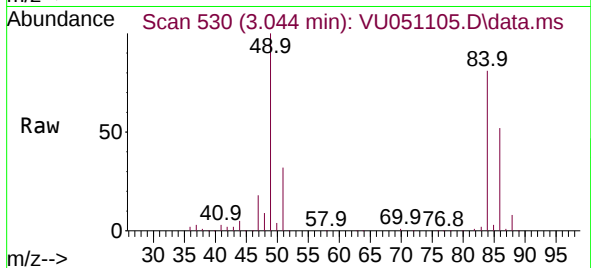
78 8.8 7.4 11.0





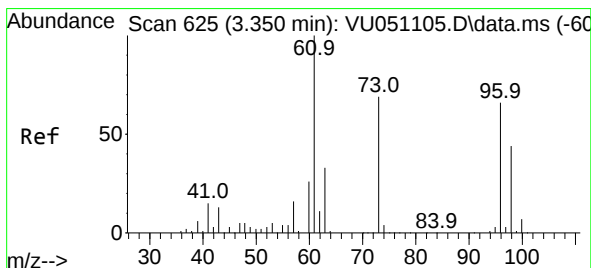
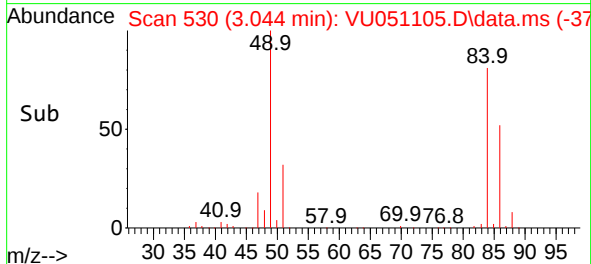
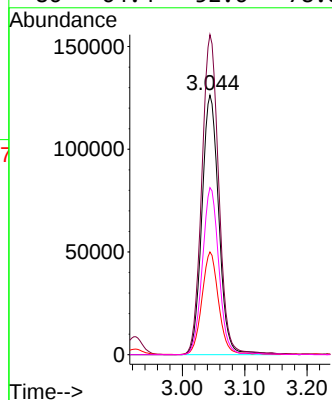
#15
Methylene Chloride
Concen: 11.803 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 238227

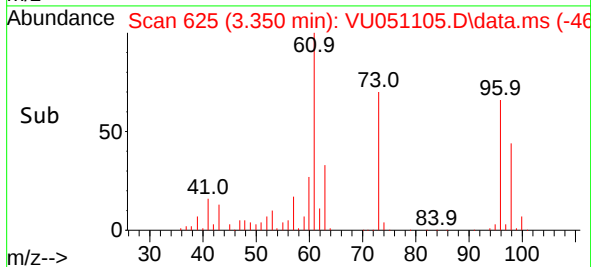
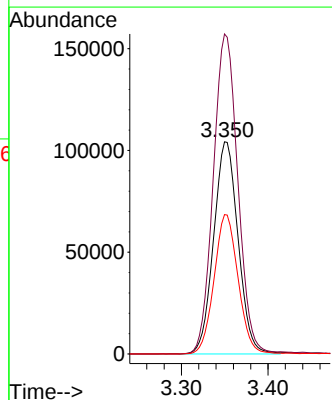
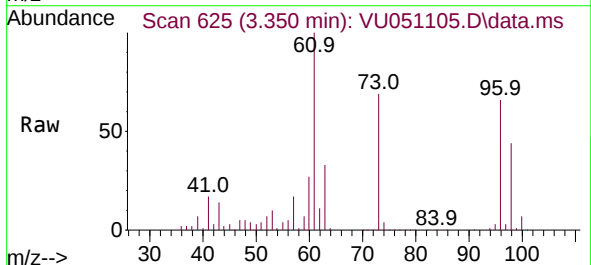
Ion	Ratio	Lower	Upper
84	100		
49	123.2	104.6	157.0
51	39.5	0.0	81.4
86	64.4	52.6	78.8

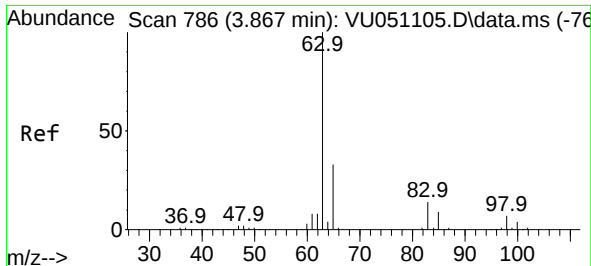


#16
trans-1,2-Dichloroethene
Concen: 12.293 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 96 Resp: 204647

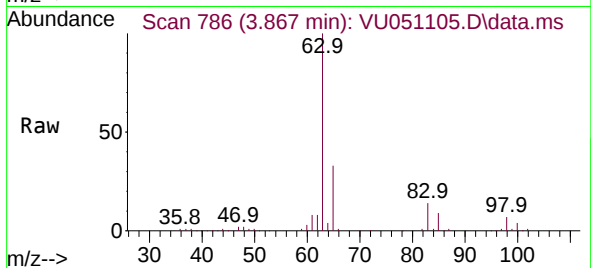
Ion	Ratio	Lower	Upper
96	100		
61	150.9	123.4	185.0
98	65.7	51.6	77.4



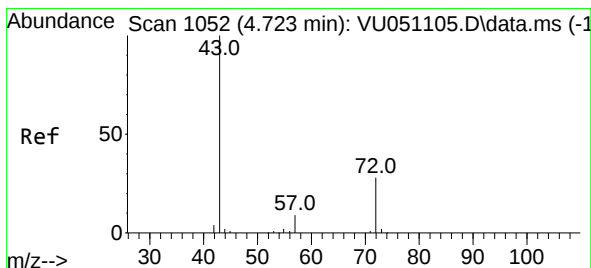
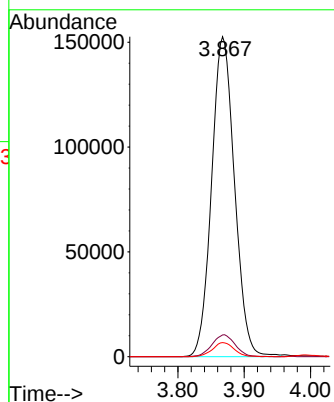
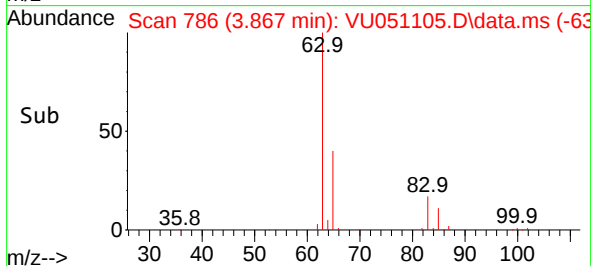


#17
 1,1-Dichloroethane
 Concen: 10.933 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

Instrument :
 MSVOA_U
 ClientSampleId :

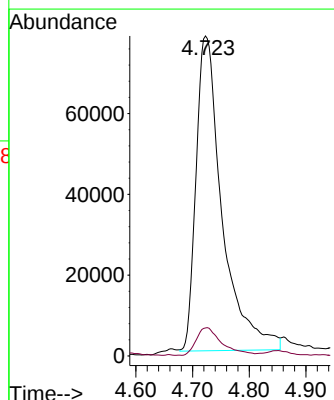
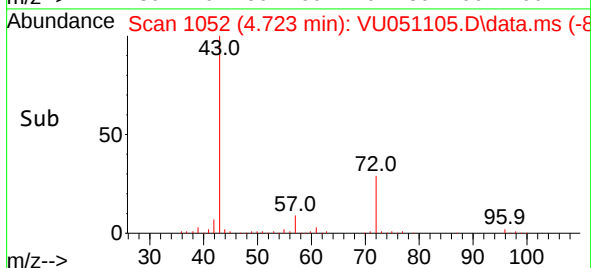
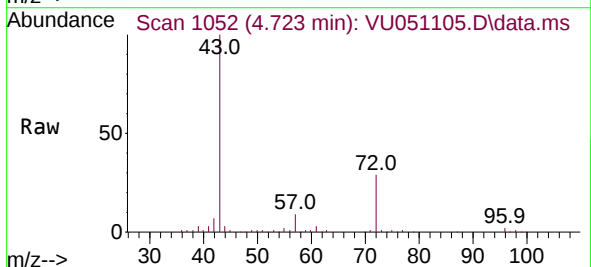


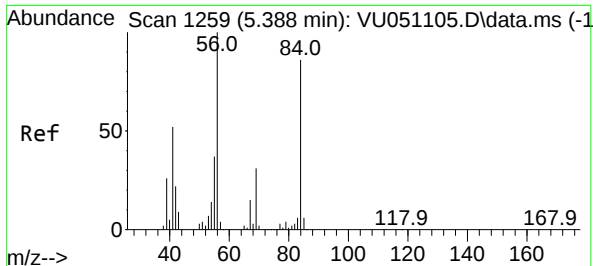
Tgt Ion: 63 Resp: 366652
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.4 2.0 6.0



#18
 2-Butanone
 Concen: 45.938 ug/l
 RT: 4.723 min Scan# 1052
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

Tgt Ion: 43 Resp: 249720
 Ion Ratio Lower Upper
 43 100
 57 8.7 0.0 18.0





#19

Cyclohexane

Concen: 8.358 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

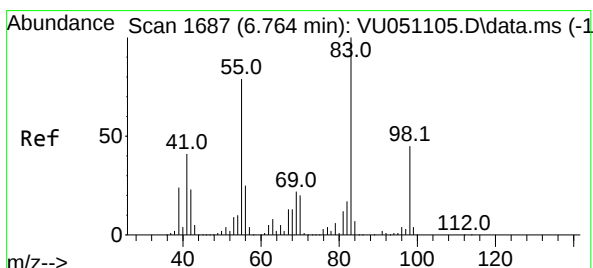
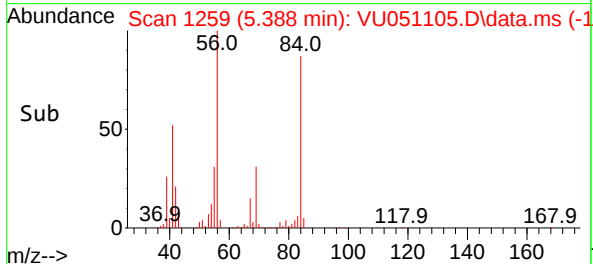
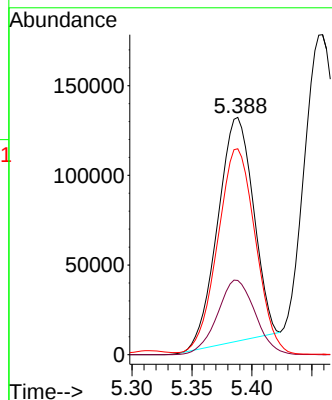
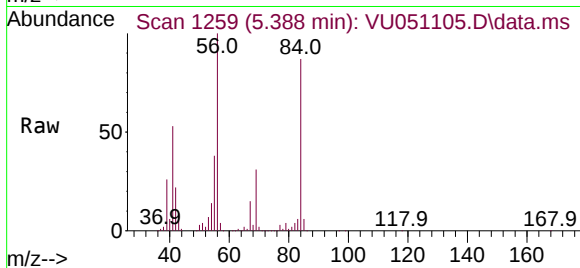
Tgt Ion: 56 Resp: 259284

Ion Ratio Lower Upper

56 100

69 35.2 24.2 36.4

84 96.4 63.4 95.2#



#20

Methylcyclohexane

Concen: 9.745 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

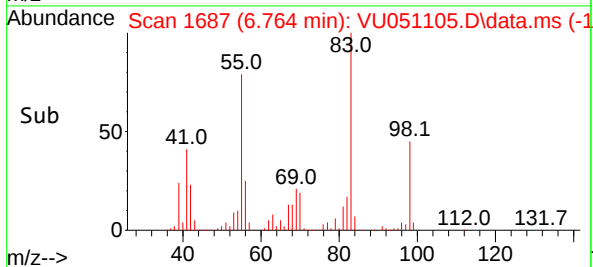
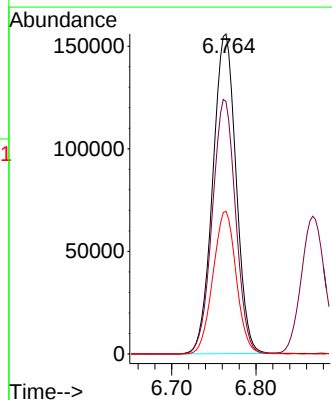
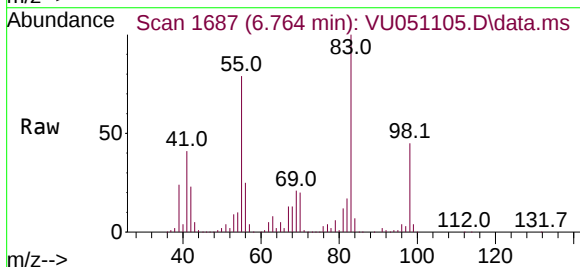
Tgt Ion: 83 Resp: 299048

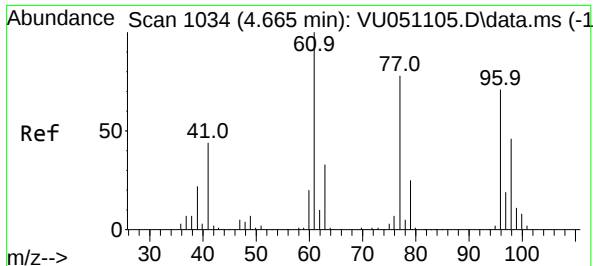
Ion Ratio Lower Upper

83 100

55 79.3 63.0 94.4

98 44.4 35.7 53.5





#21

2,2-Dichloropropane

Concen: 9.708 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

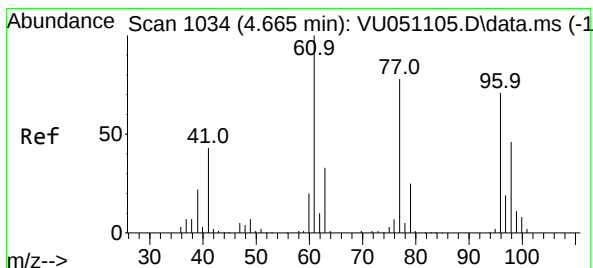
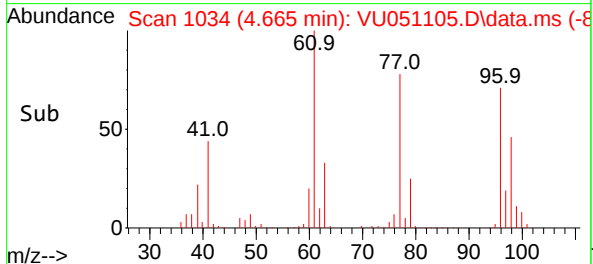
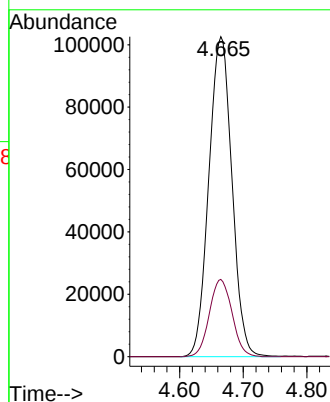
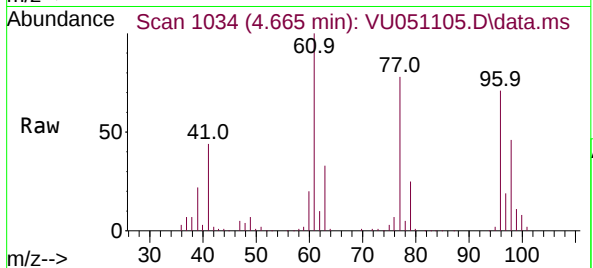
ClientSampleId :

Tgt Ion: 77 Resp: 258476

Ion Ratio Lower Upper

77 100

97 23.7 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 10.738 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

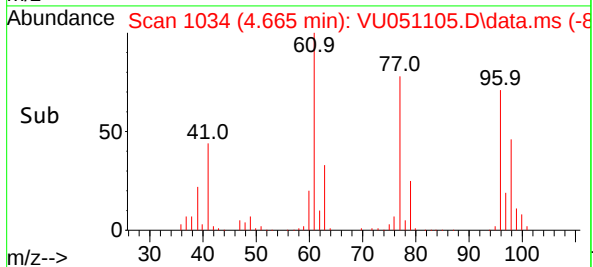
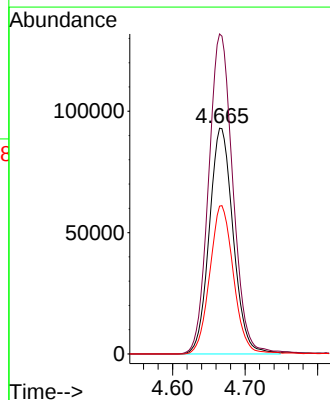
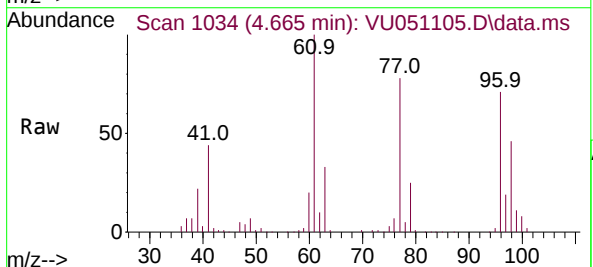
Tgt Ion: 96 Resp: 213359

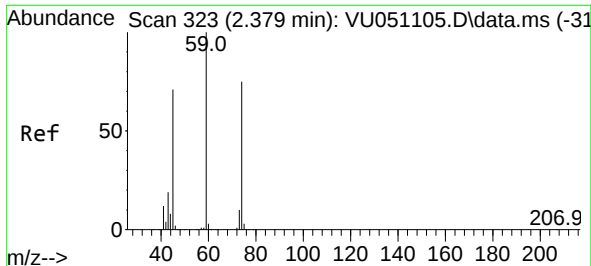
Ion Ratio Lower Upper

96 100

61 144.2 0.0 375.8

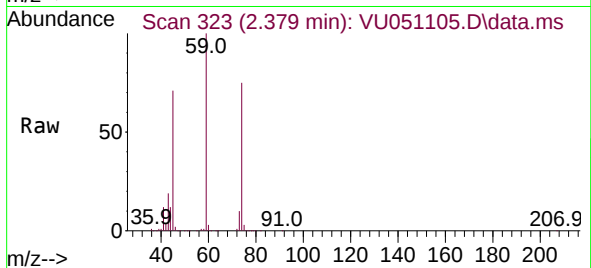
98 65.0 31.6 95.0



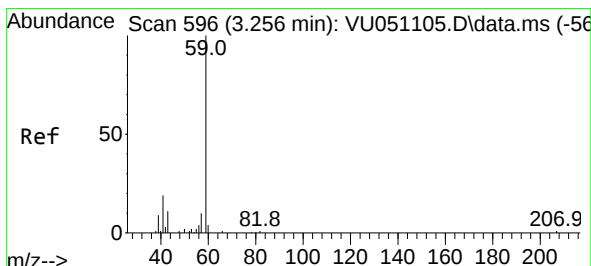
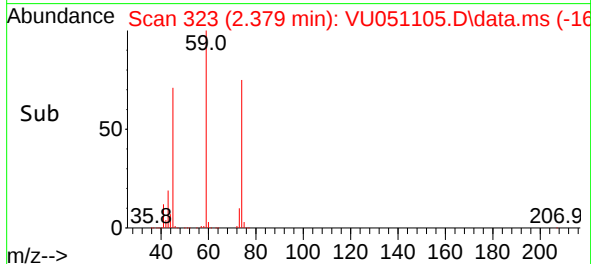
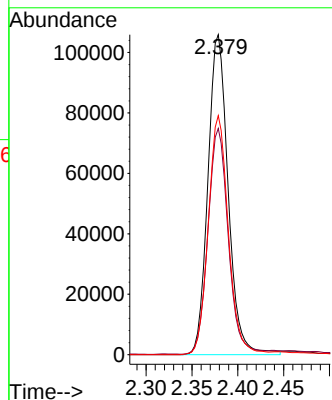


#23
Diethyl Ether
Concen: 12.018 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :

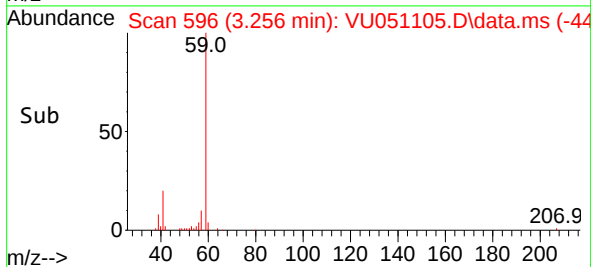
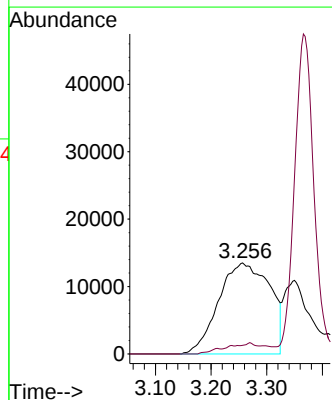
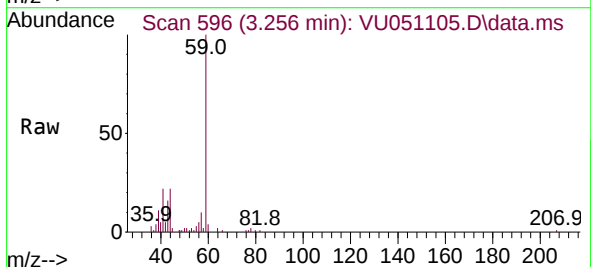


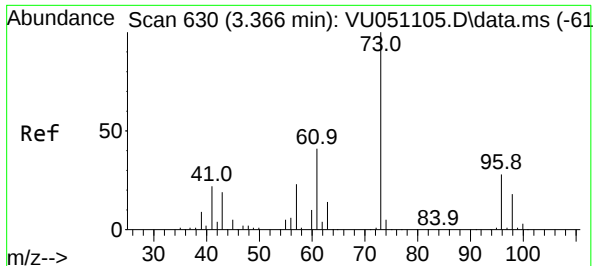
Tgt Ion: 59 Resp: 162416
Ion Ratio Lower Upper
59 100
45 70.5 56.0 84.0
74 74.2 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 62.903 ug/l
RT: 3.256 min Scan# 596
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 59 Resp: 86171
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#25

Methyl tert-Butyl Ether

Concen: 11.061 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

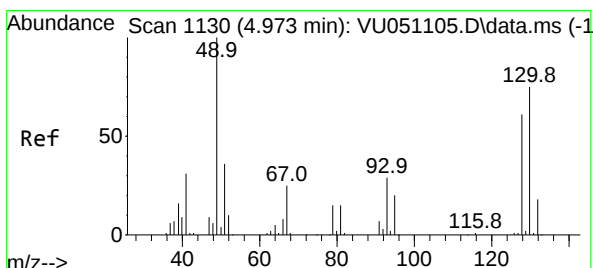
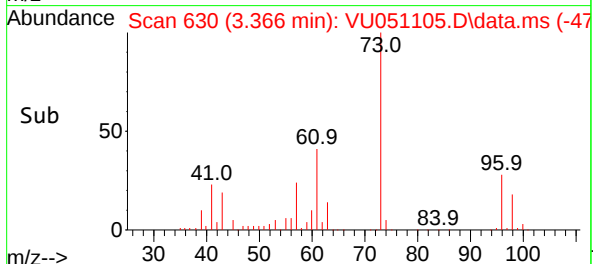
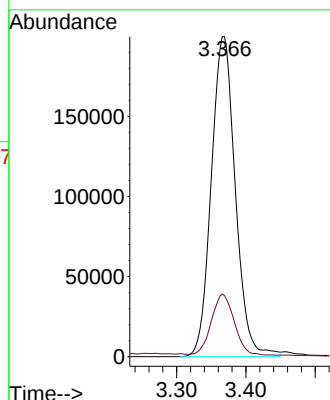
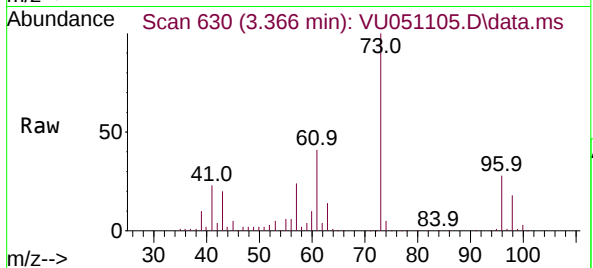
ClientSampleId :

Tgt Ion: 73 Resp: 481618

Ion Ratio Lower Upper

73 100

43 18.2 15.9 23.9



#26

Bromochloromethane

Concen: 11.498 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

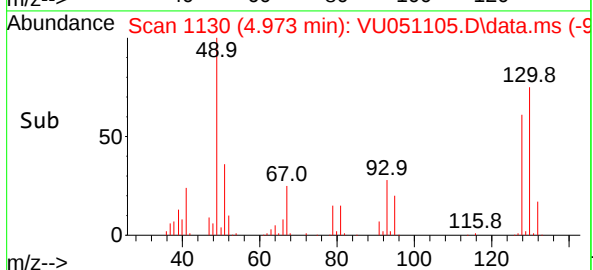
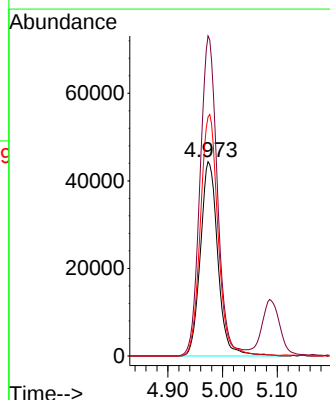
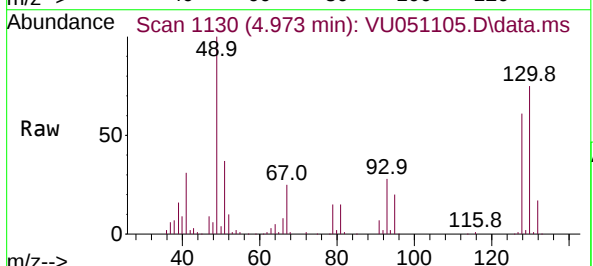
Tgt Ion: 128 Resp: 97983

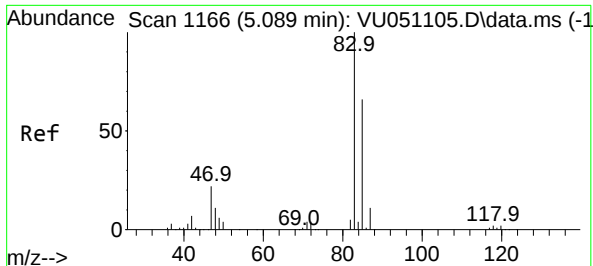
Ion Ratio Lower Upper

128 100

49 164.2 0.0 349.2

130 126.1 103.0 154.6





#27

Chloroform

Concen: 11.259 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

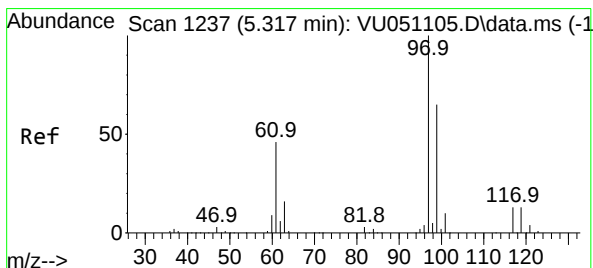
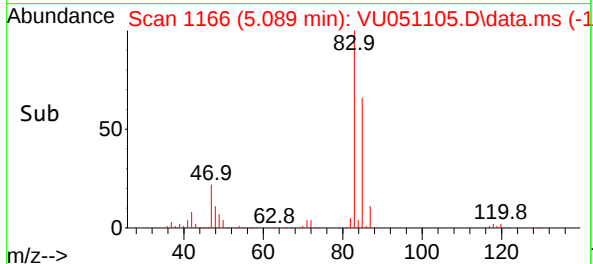
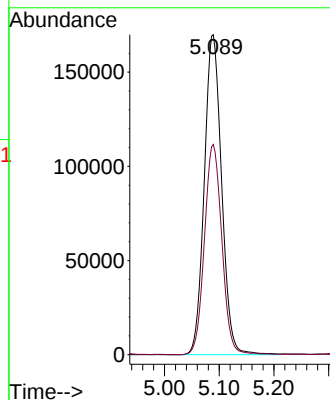
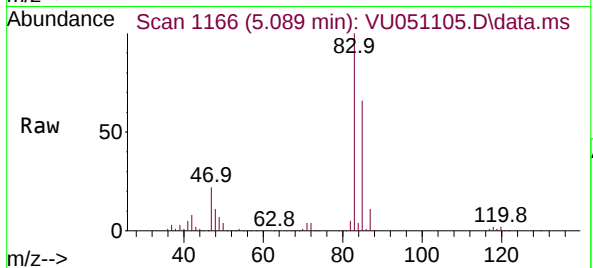
ClientSampleId :

Tgt Ion: 83 Resp: 374418

Ion Ratio Lower Upper

83 100

85 65.7 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 10.505 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

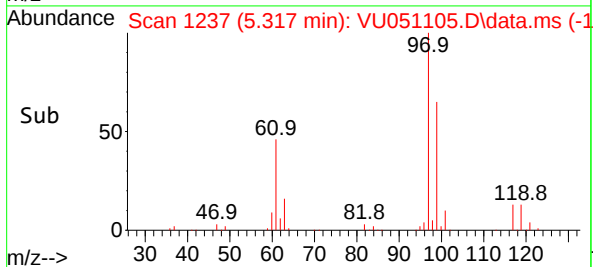
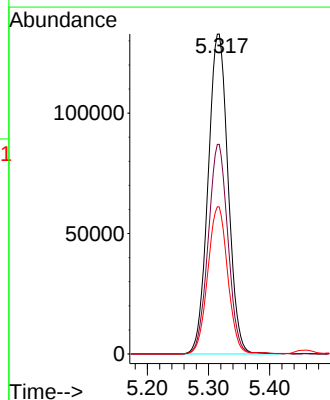
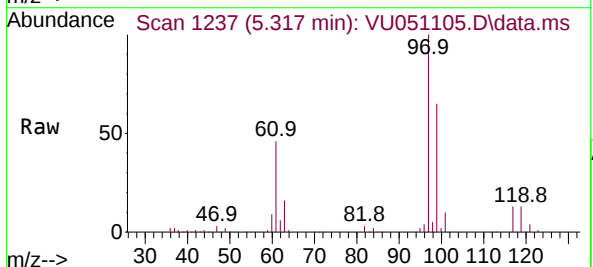
Tgt Ion: 97 Resp: 301698

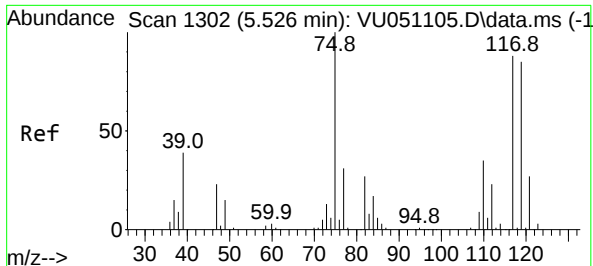
Ion Ratio Lower Upper

97 100

99 64.7 32.1 96.5

61 45.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 10.364 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

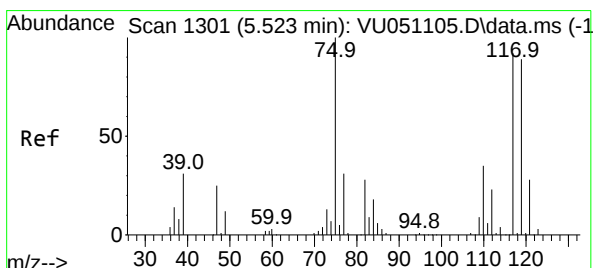
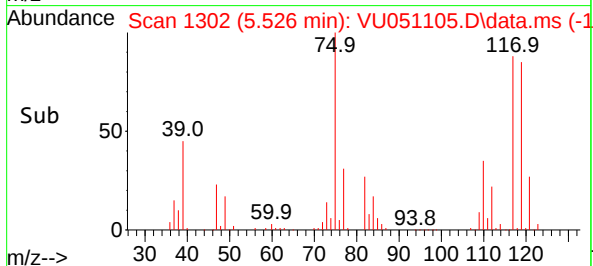
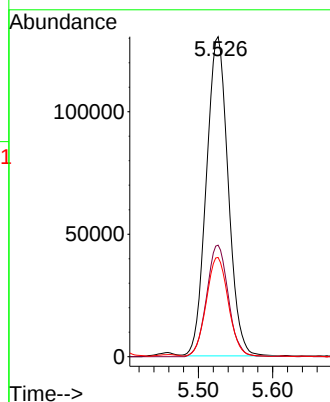
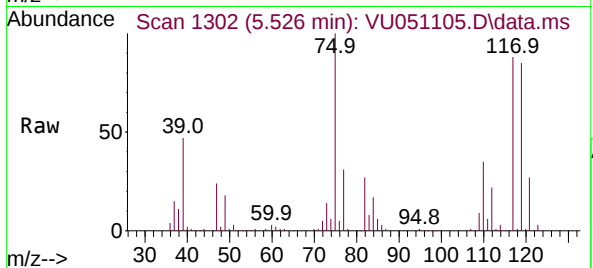
Tgt Ion: 75 Resp: 265673

Ion Ratio Lower Upper

75 100

110 34.8 17.3 52.0

77 31.3 24.6 37.0



#30

Carbon Tetrachloride

Concen: 10.565 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

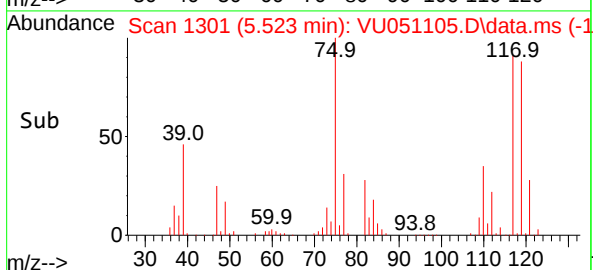
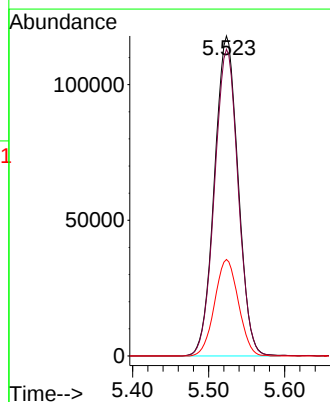
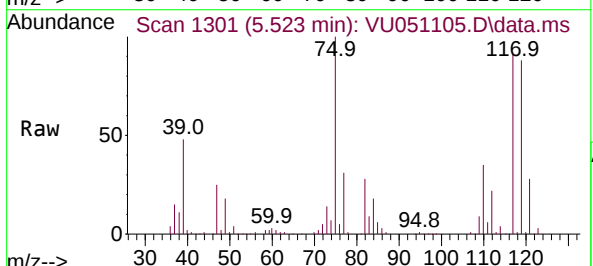
Tgt Ion: 117 Resp: 254779

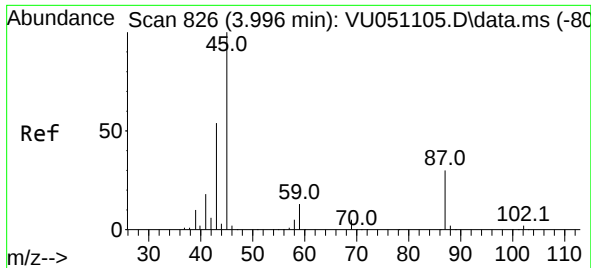
Ion Ratio Lower Upper

117 100

119 95.9 74.6 112.0

121 30.1 24.2 36.4

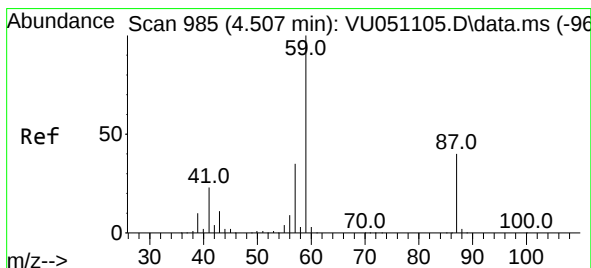
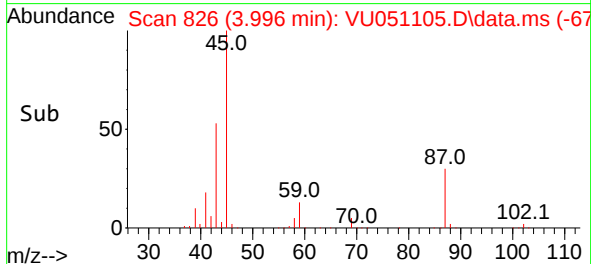
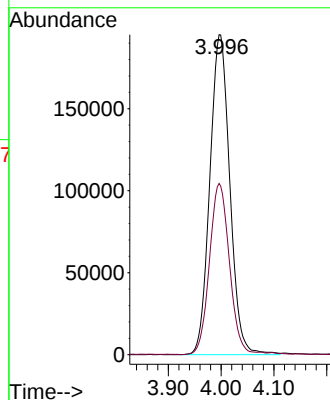
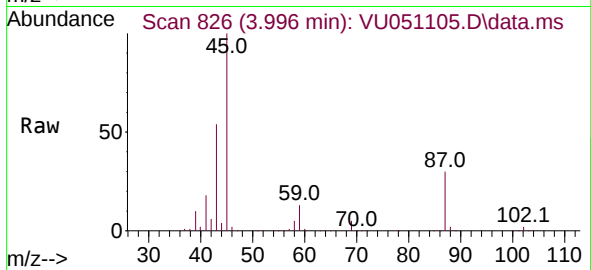




#31
Isopropyl Ether
Concen: 9.247 ug/l
RT: 3.996 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

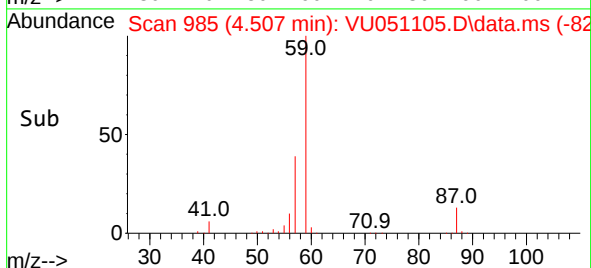
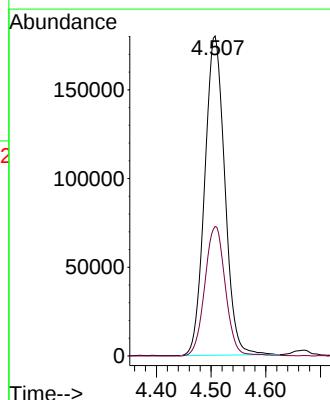
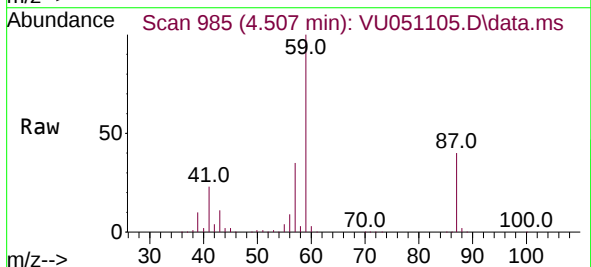
Instrument :
MSVOA_U
ClientSampleId :

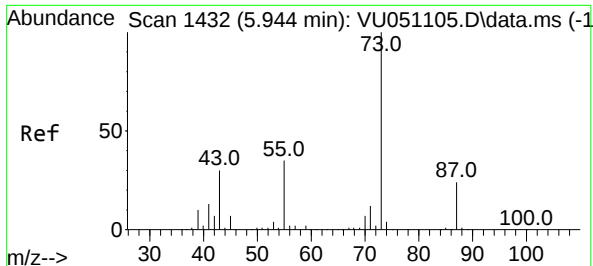
Tgt Ion: 45 Resp: 512850
Ion Ratio Lower Upper
45 100
43 53.1 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 8.804 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 59 Resp: 458776
Ion Ratio Lower Upper
59 100
87 41.7 32.5 48.7

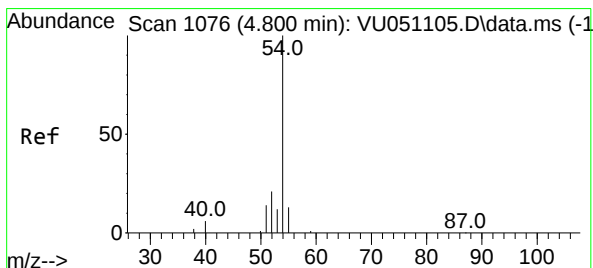
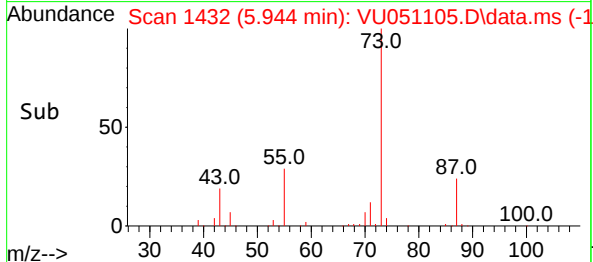
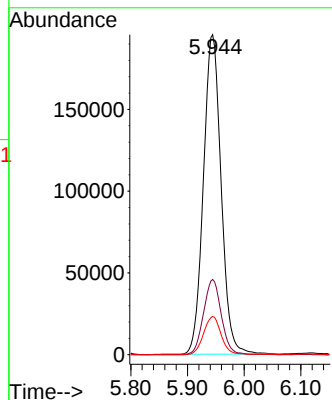
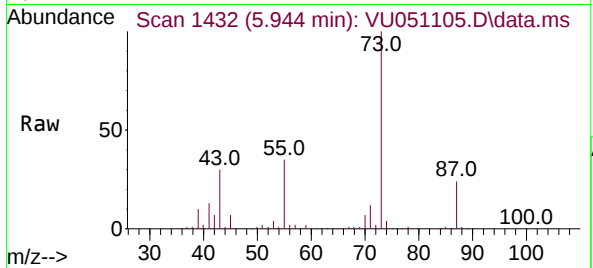




#33
Tert-Amyl methyl ether
Concen: 9.251 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

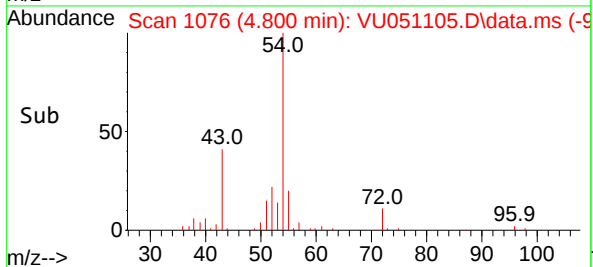
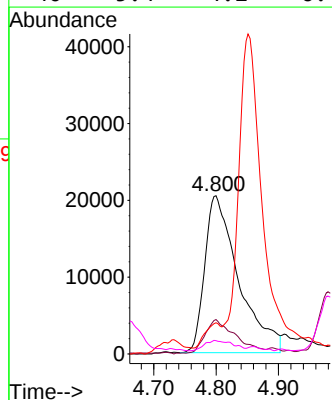
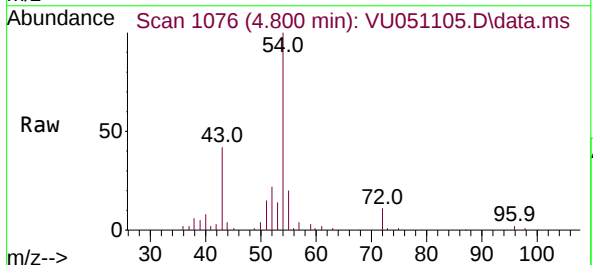
Instrument :
MSVOA_U
ClientSampleId :

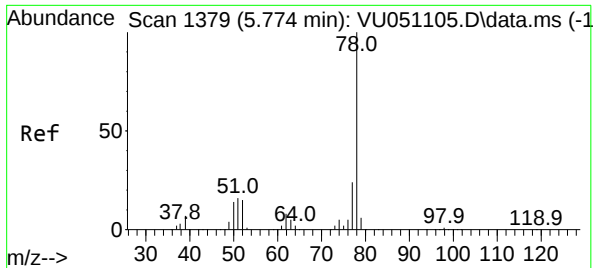
Tgt Ion: 73 Resp: 424103
Ion Ratio Lower Upper
73 100
87 23.4 19.7 29.5
71 11.7 9.0 13.4



#34
Propionitrile
Concen: 49.200 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 54 Resp: 77085
Ion Ratio Lower Upper
54 100
52 20.3 15.0 22.6
55 7.8 12.6 19.0#
40 5.4 4.2 6.4

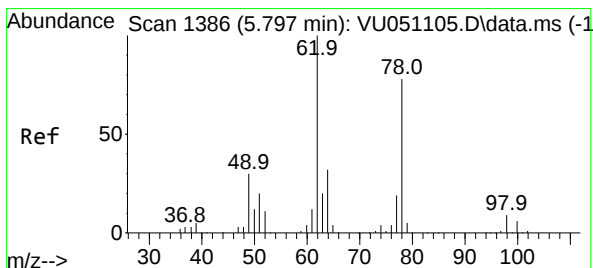
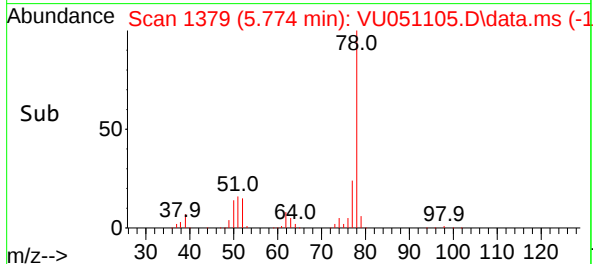
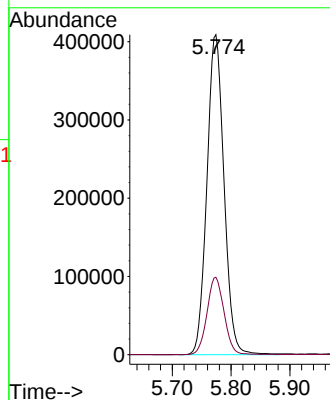
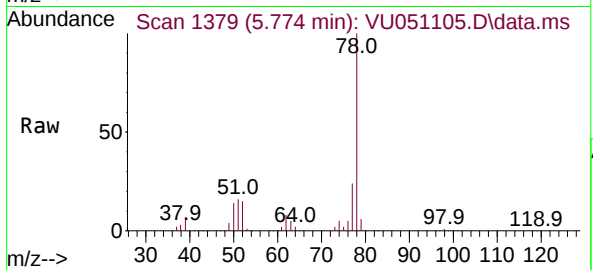




#35
Benzene
Concen: 11.144 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

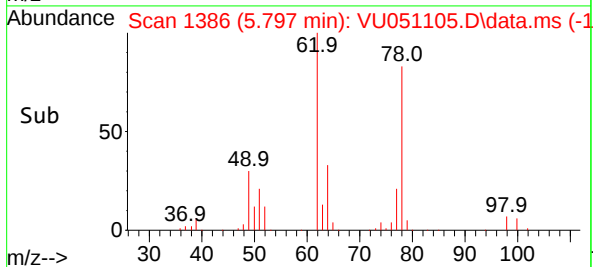
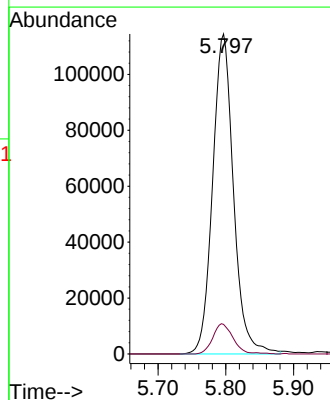
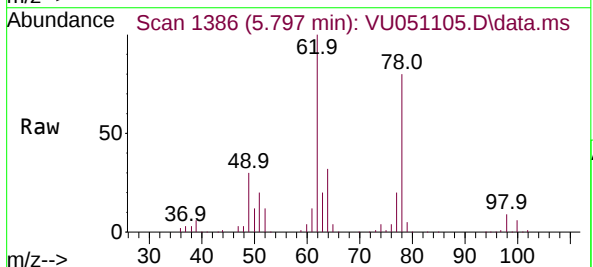
Instrument :
MSVOA_U
ClientSampleId :

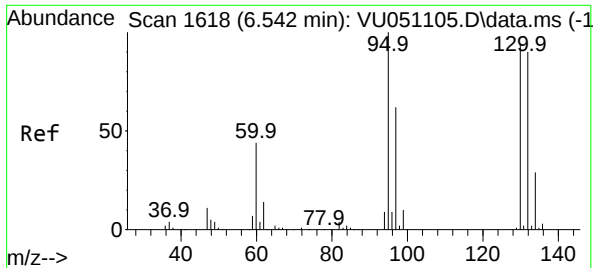
Tgt Ion: 78 Resp: 826078
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0



#36
1,2-Dichloroethane
Concen: 11.448 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 62 Resp: 244802
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0

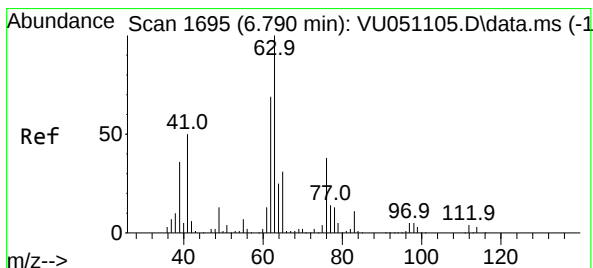
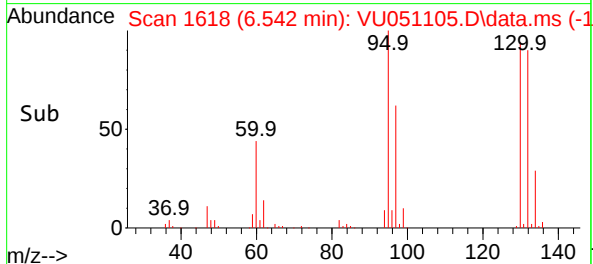
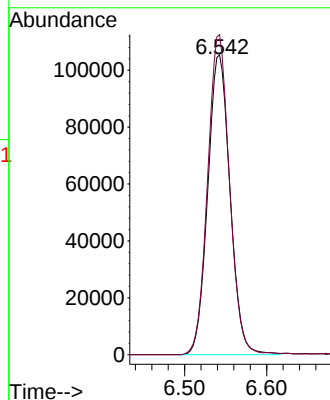
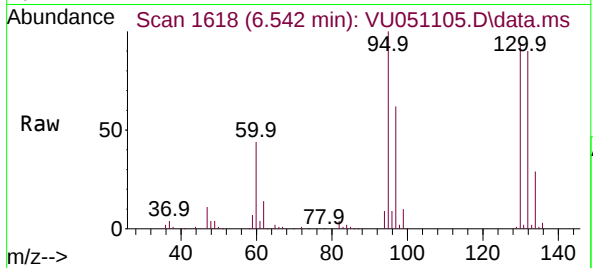




#37
Trichloroethene
Concen: 10.715 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

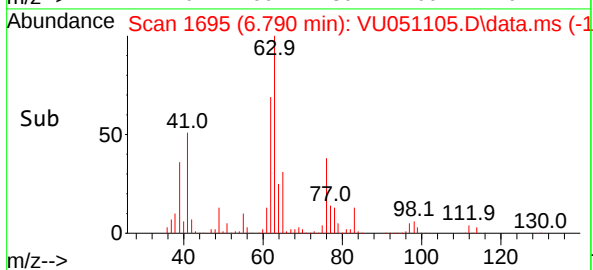
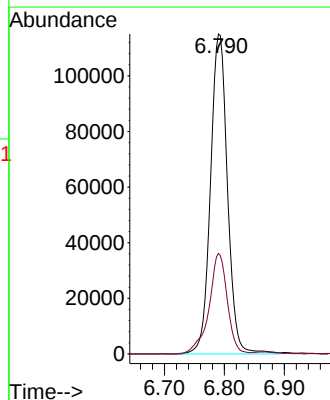
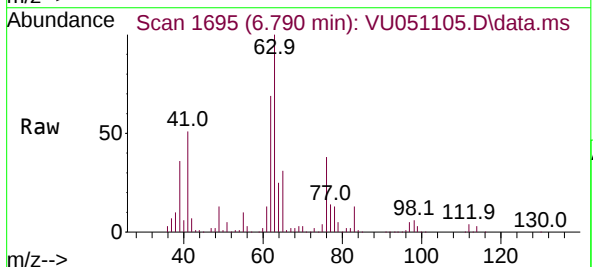
Instrument :
MSVOA_U
ClientSampleId :

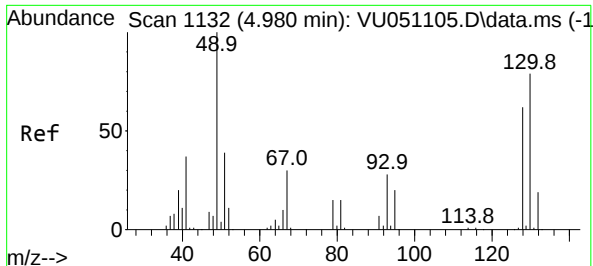
Tgt Ion:130 Resp: 199147
Ion Ratio Lower Upper
130 100
95 106.7 83.8 125.8



#38
1,2-Dichloropropane
Concen: 11.459 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 63 Resp: 226878
Ion Ratio Lower Upper
63 100
65 31.2 25.0 37.4





#39

Methacrylonitrile

Concen: 9.309 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

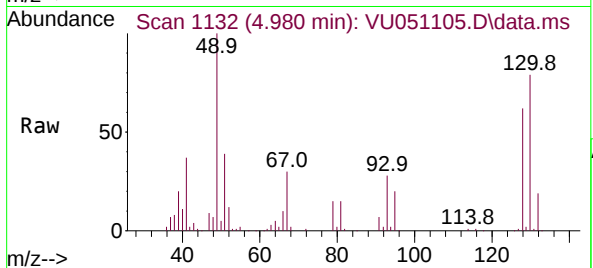
Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 61734

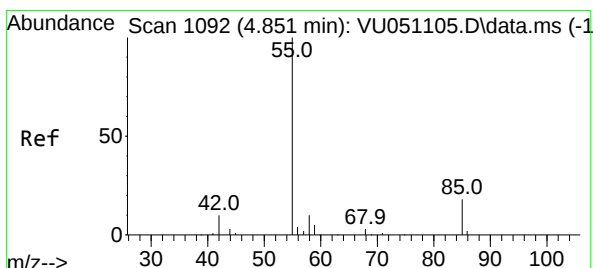
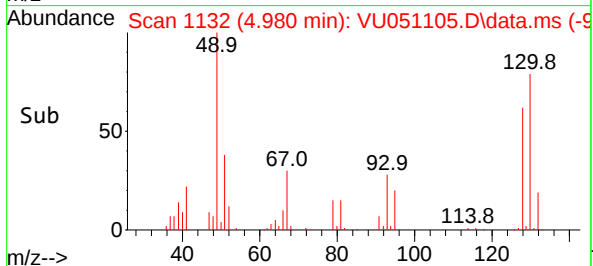
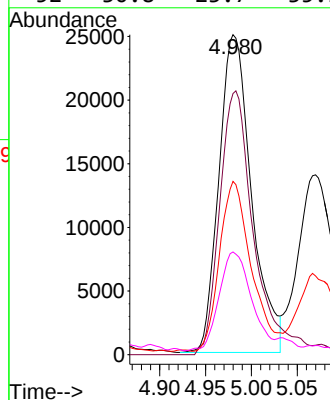
Ion Ratio Lower Upper

41 100

67 87.1 59.4 89.0

39 52.6 42.2 63.2

52 30.8 23.7 35.5



#40

Methyl acrylate

Concen: 9.672 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Tgt Ion: 55 Resp: 100610

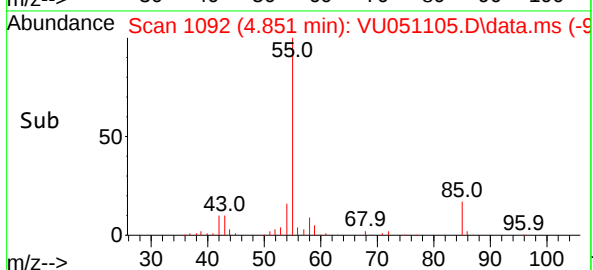
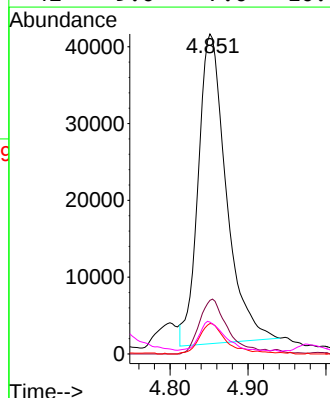
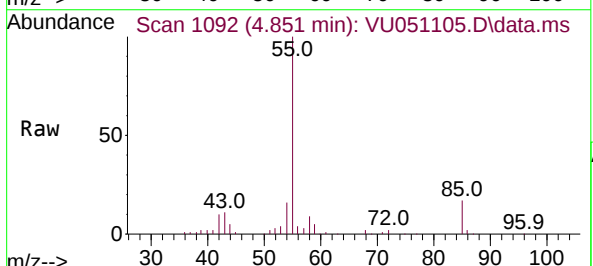
Ion Ratio Lower Upper

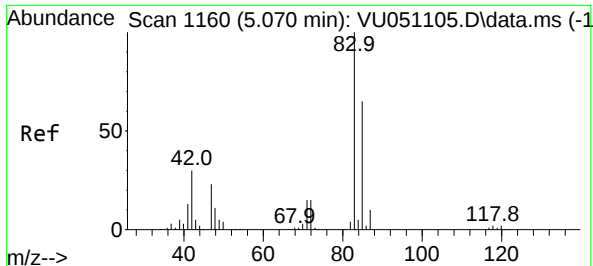
55 100

85 17.8 13.5 20.3

58 9.6 7.0 10.4

42 9.0 7.0 10.6





#41

Tetrahydrofuran

Concen: 16.233 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

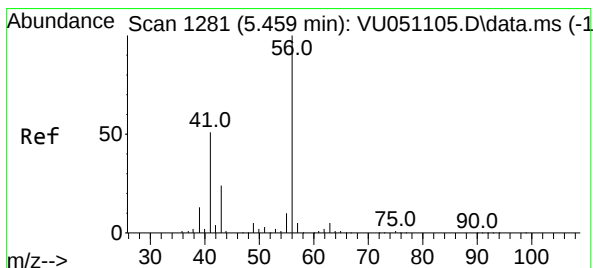
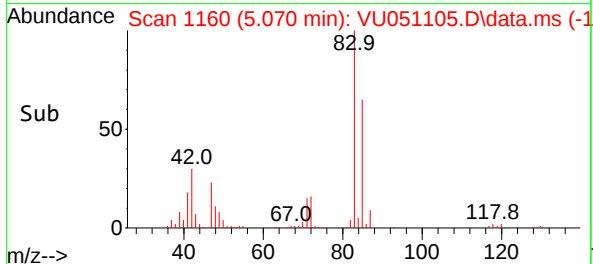
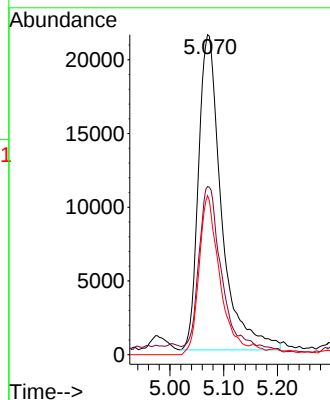
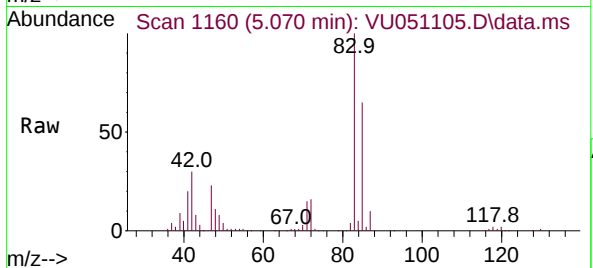
Tgt Ion: 42 Resp: 63672

Ion Ratio Lower Upper

42 100

72 47.1 38.9 58.3

71 45.4 33.7 50.5



#42

1-Chlorobutane

Concen: 10.286 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VU051105.D

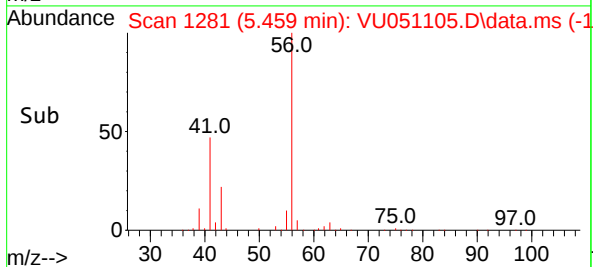
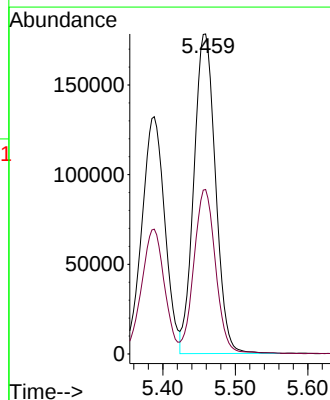
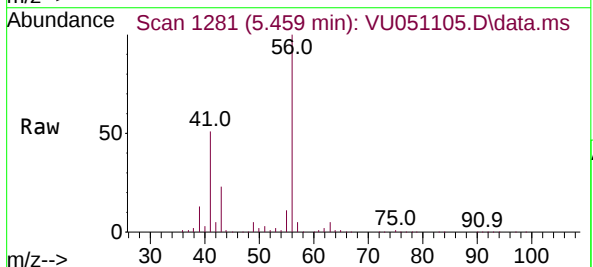
Acq: 04 Oct 2022 12:57

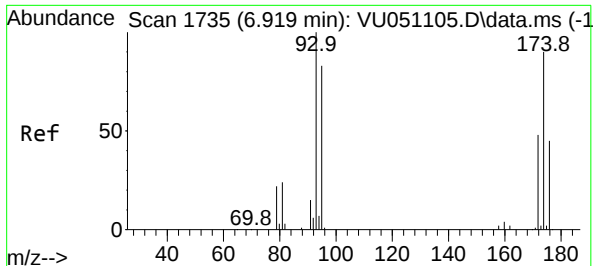
Tgt Ion: 56 Resp: 368960

Ion Ratio Lower Upper

56 100

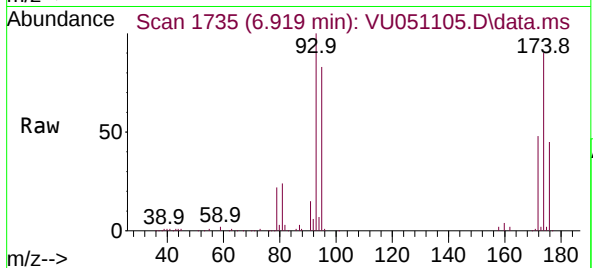
41 50.7 26.4 79.2



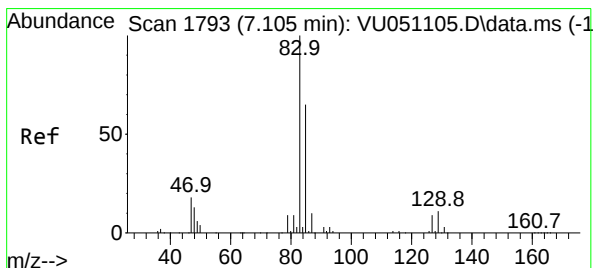
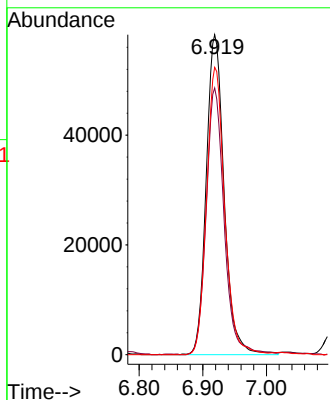
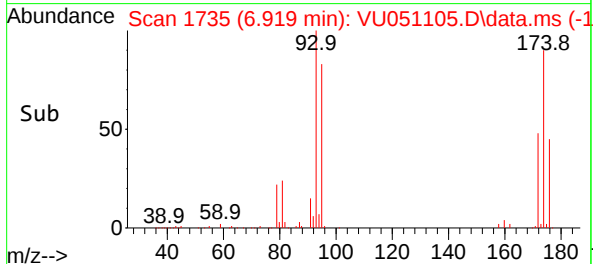


#43
Dibromomethane
Concen: 11.484 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

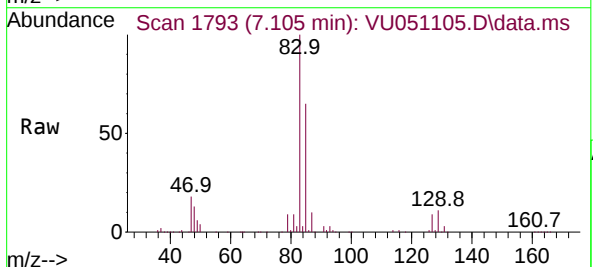
Instrument :
MSVOA_U
ClientSampleId :



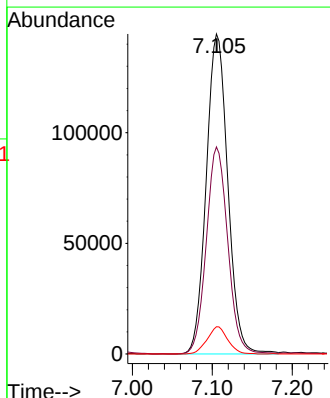
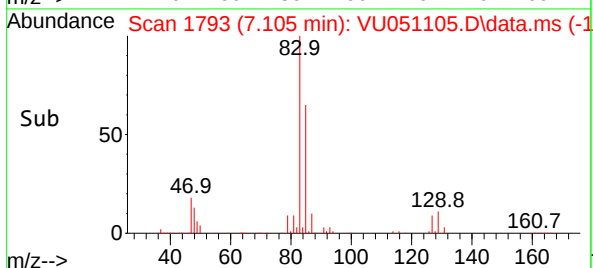
Tgt Ion: 93 Resp: 114031
Ion Ratio Lower Upper
93 100
95 83.4 65.0 97.6
174 90.6 76.3 114.5

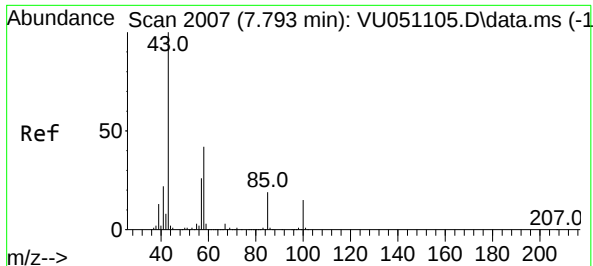


#44
Bromodichloromethane
Concen: 11.507 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57



Tgt Ion: 83 Resp: 271487
Ion Ratio Lower Upper
83 100
85 64.6 49.4 74.0
127 8.5 6.6 10.0

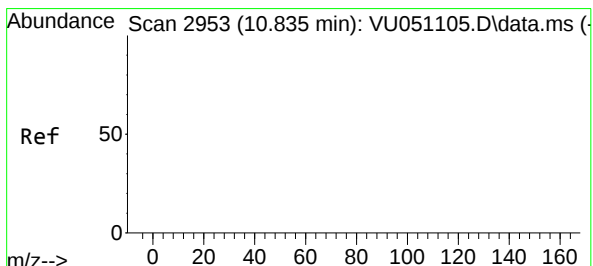
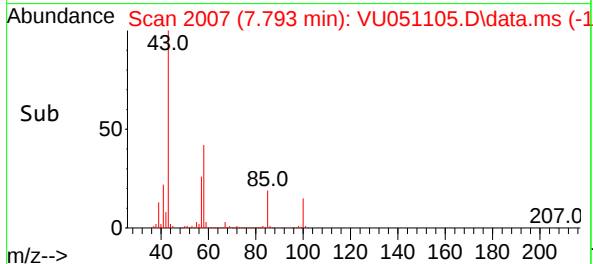
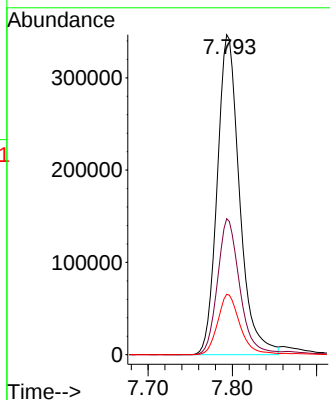
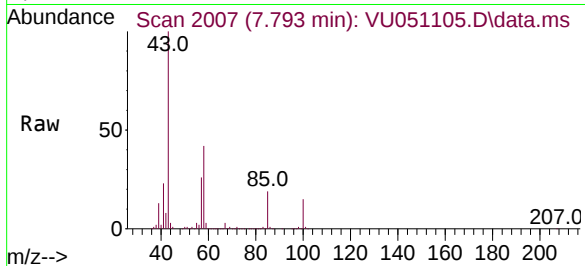




#45
4-Methyl-2-Pentanone
Concen: 48.803 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

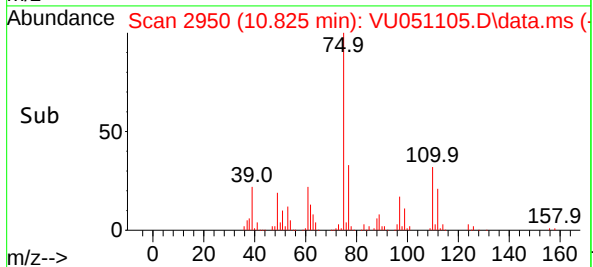
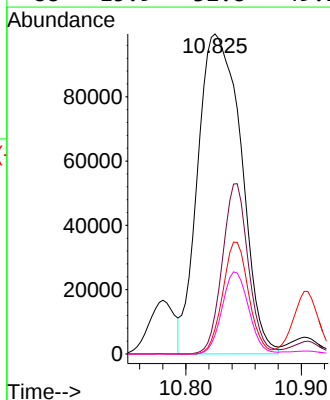
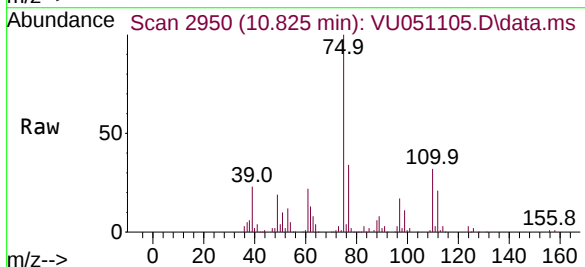
Instrument :
MSVOA_U
ClientSampleId :

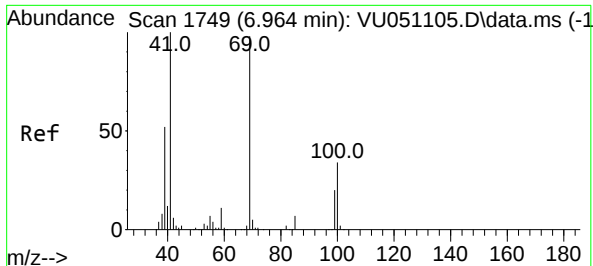
Tgt Ion: 43 Resp: 636889
Ion Ratio Lower Upper
43 100
58 42.4 20.3 61.0
85 19.3 14.6 21.8



#46
t-1,4-Dichloro-2-butene
Concen: 61.193 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.010 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 75 Resp: 258508
Ion Ratio Lower Upper
75 100
53 32.3 64.4 96.6#
89 21.1 44.2 66.2#
88 15.9 32.8 49.2#





#47

Methyl methacrylate

Concen: 21.497 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 210635

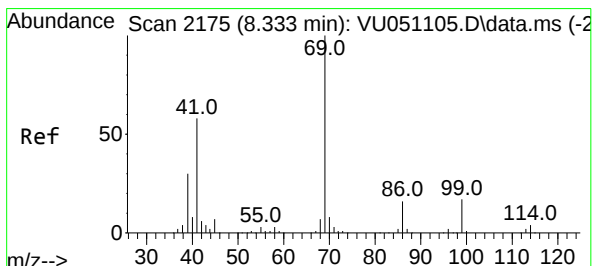
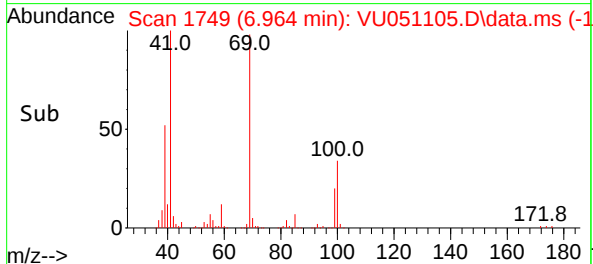
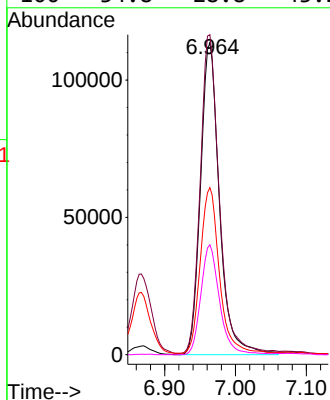
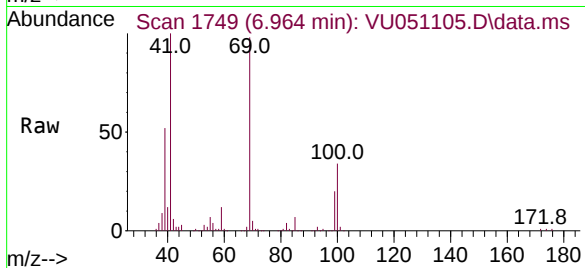
Ion Ratio Lower Upper

69 100

41 102.6 0.0 225.4

39 53.4 45.8 68.8

100 34.8 28.8 43.2



#48

Ethyl methacrylate

Concen: 9.416 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU051105.D

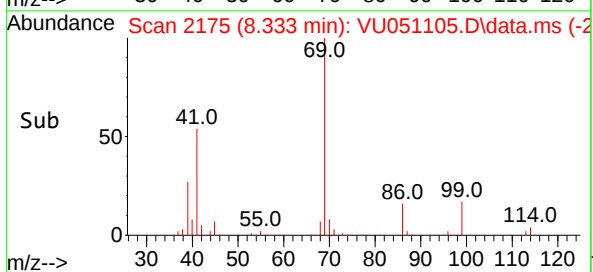
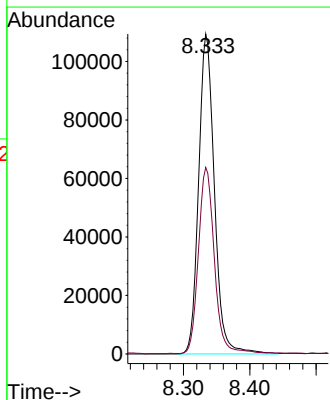
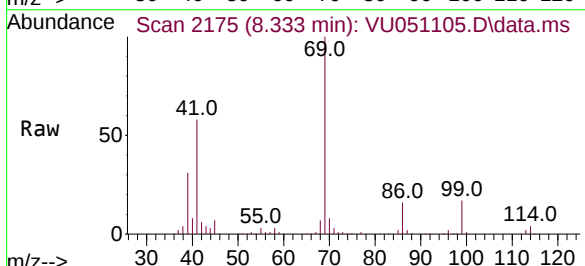
Acq: 04 Oct 2022 12:57

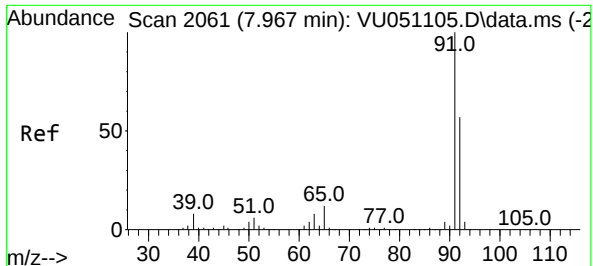
Tgt Ion: 69 Resp: 180517

Ion Ratio Lower Upper

69 100

41 58.7 32.3 96.9





#49

Toluene

Concen: 10.903 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

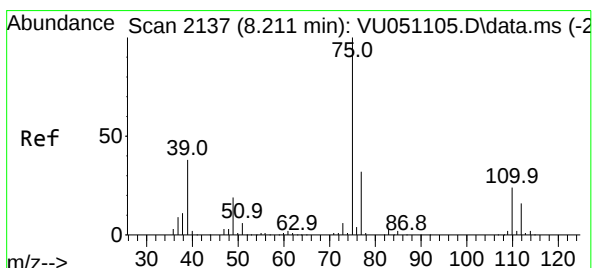
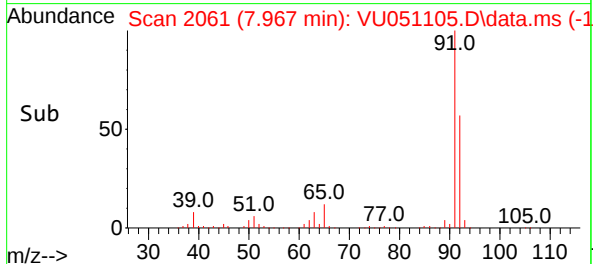
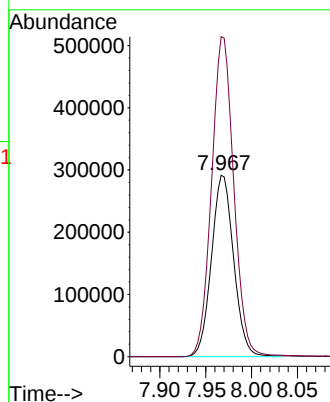
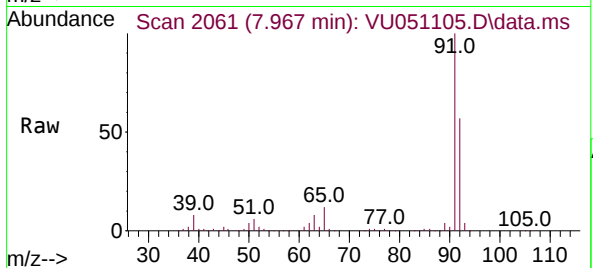
ClientSampleId :

Tgt Ion: 92 Resp: 490656

Ion Ratio Lower Upper

92 100

91 177.7 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 10.597 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU051105.D

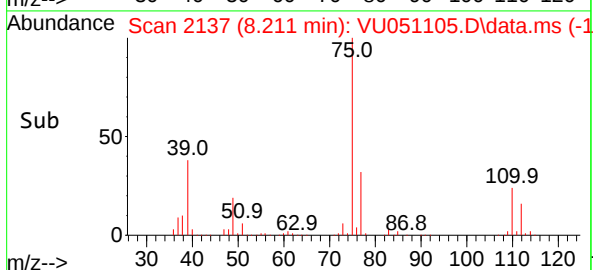
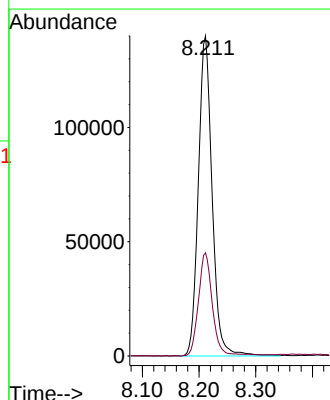
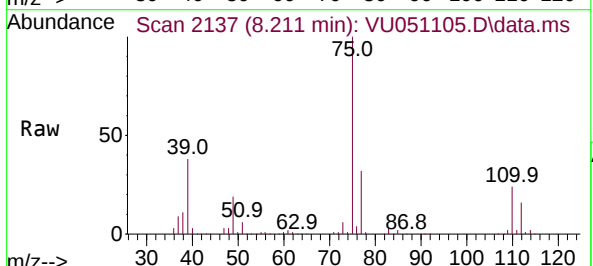
Acq: 04 Oct 2022 12:57

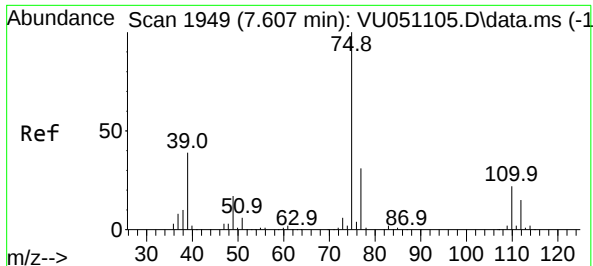
Tgt Ion: 75 Resp: 236229

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 10.353 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

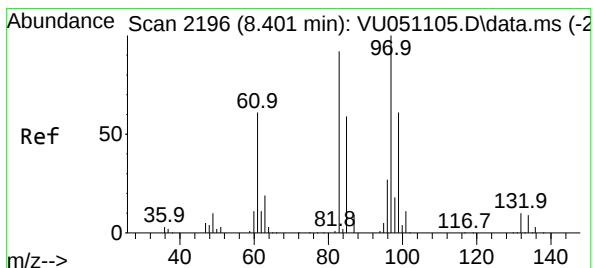
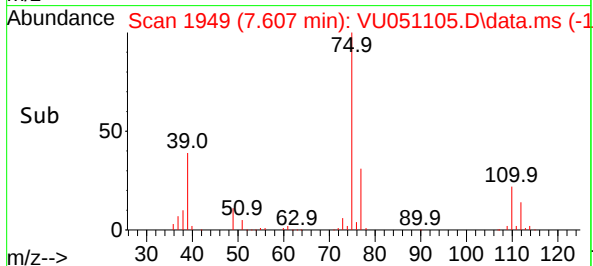
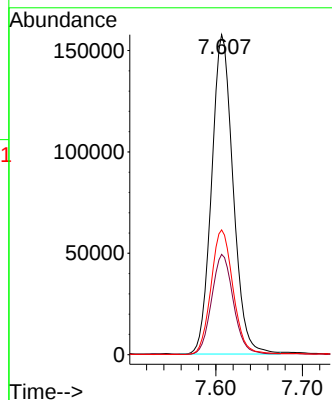
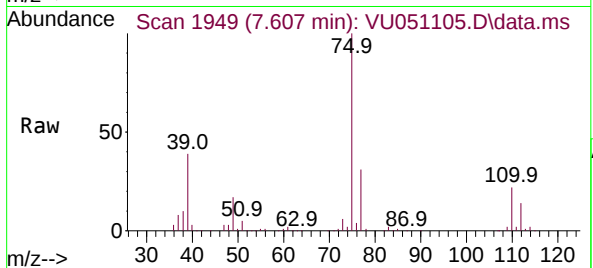
Tgt Ion: 75 Resp: 271835

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 39.0 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 11.796 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Tgt Ion: 97 Resp: 162416

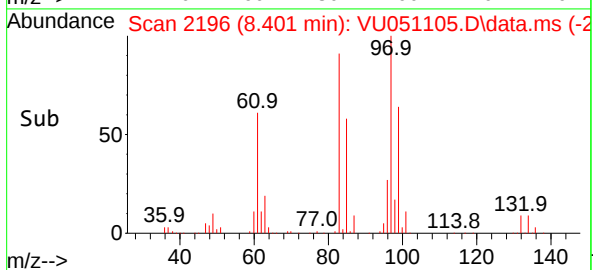
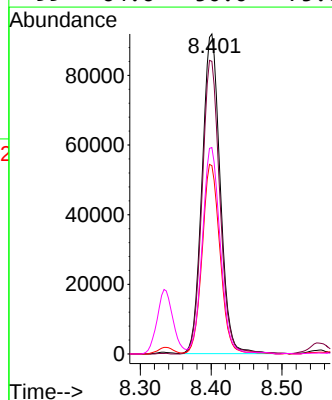
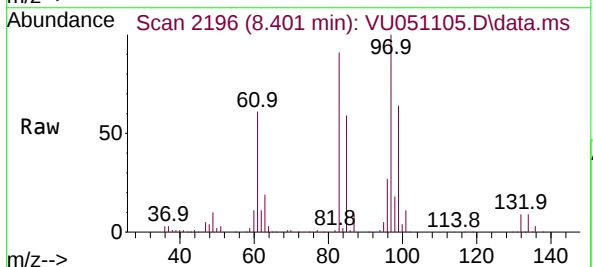
Ion Ratio Lower Upper

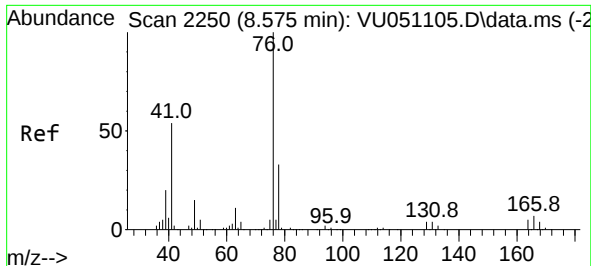
97 100

83 91.6 70.6 106.0

85 58.9 46.2 69.4

99 64.6 50.0 75.0





#53

1,3-Dichloropropane

Concen: 11.180 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

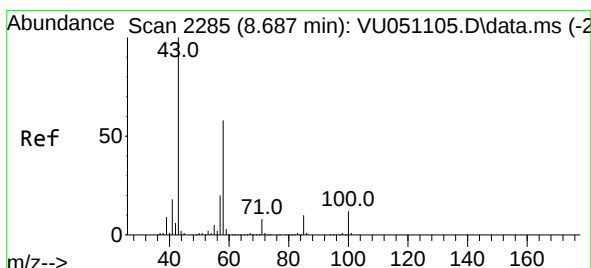
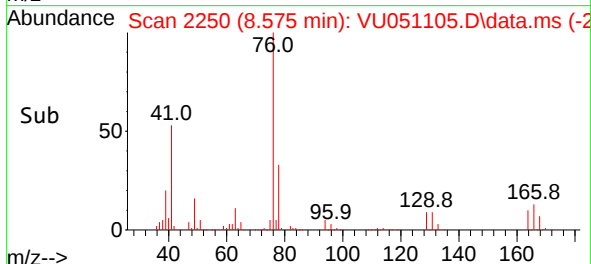
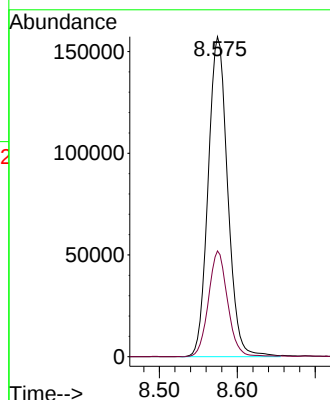
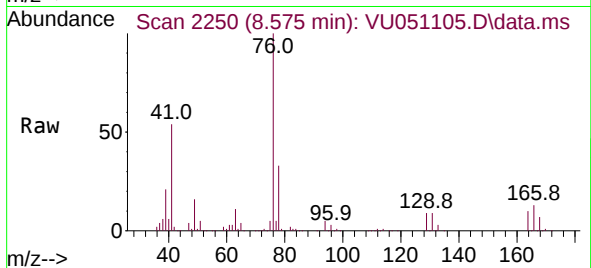
ClientSampleId :

Tgt Ion: 76 Resp: 273409

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#54

2-Hexanone

Concen: 49.759 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

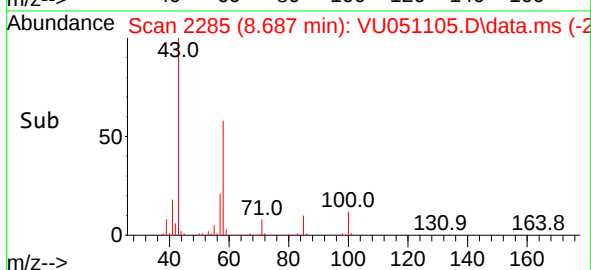
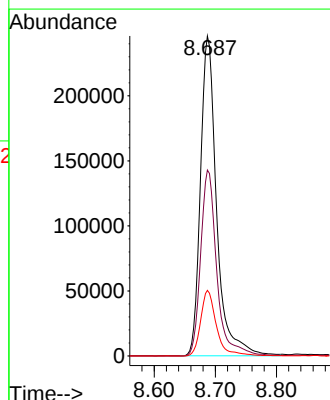
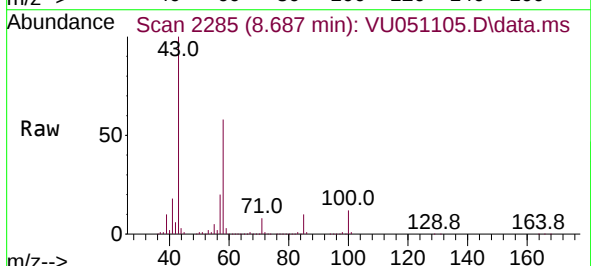
Tgt Ion: 43 Resp: 452886

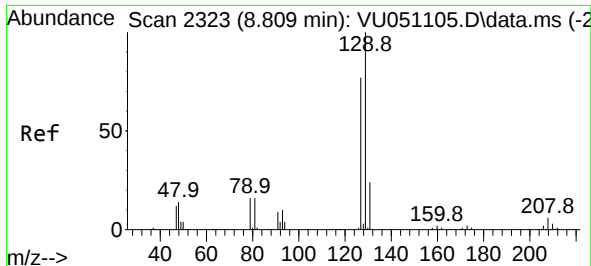
Ion Ratio Lower Upper

43 100

58 58.0 37.1 77.1

57 20.0 0.0 39.5





#55

Dibromochloromethane

Concen: 11.599 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

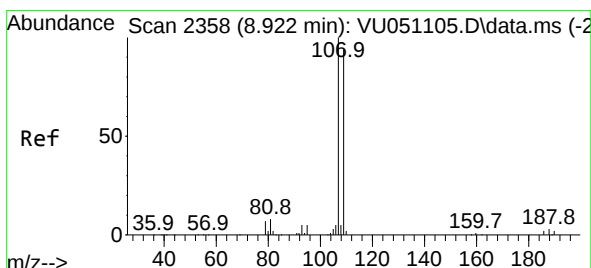
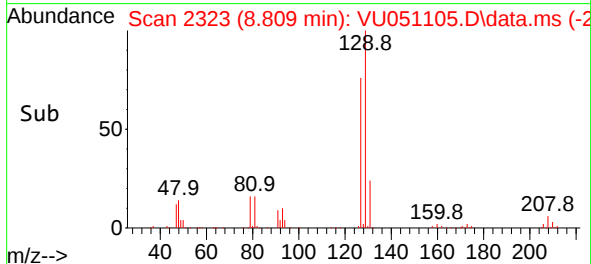
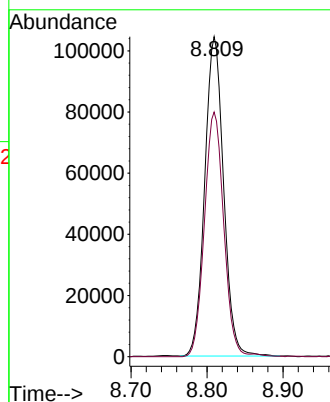
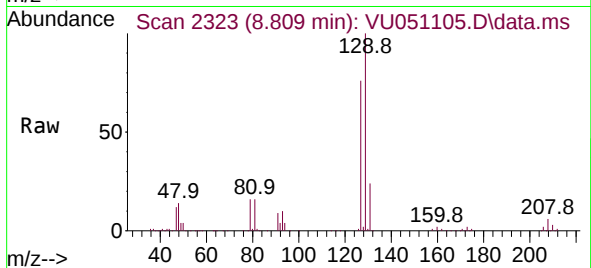
ClientSampleId :

Tgt Ion:129 Resp: 180024

Ion Ratio Lower Upper

129 100

127 78.1 61.2 91.8



#56

1,2-Dibromoethane

Concen: 11.552 ug/l

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU051105.D

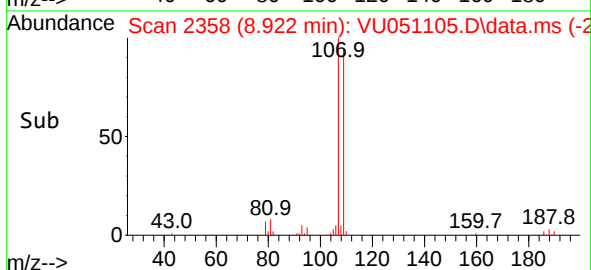
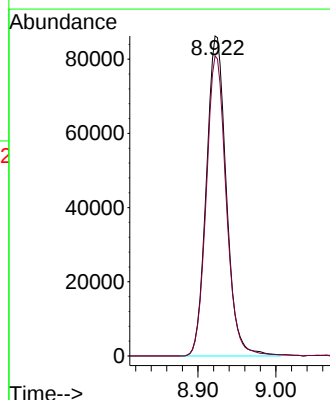
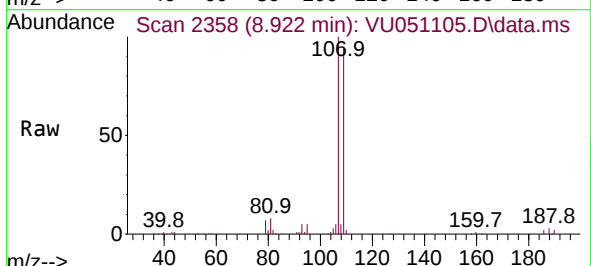
Acq: 04 Oct 2022 12:57

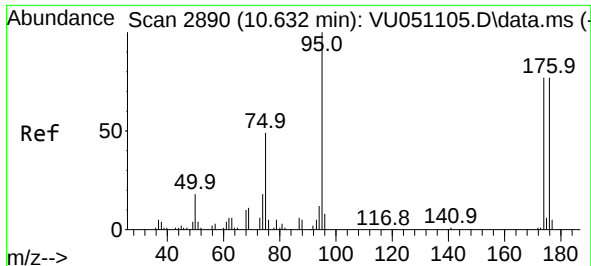
Tgt Ion:107 Resp: 153244

Ion Ratio Lower Upper

107 100

109 94.1 0.0 187.2

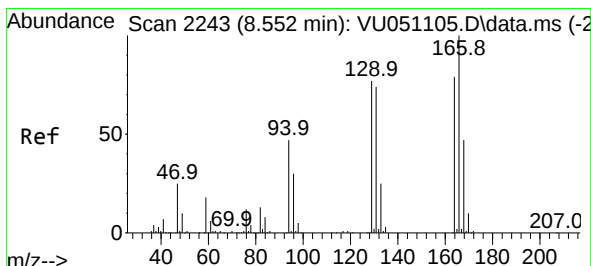
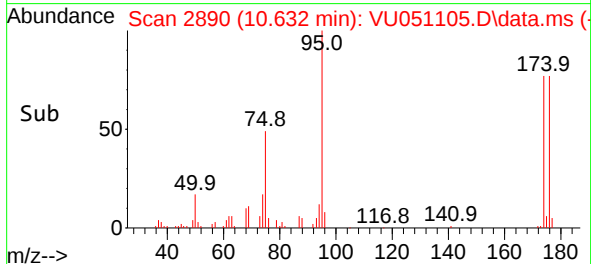
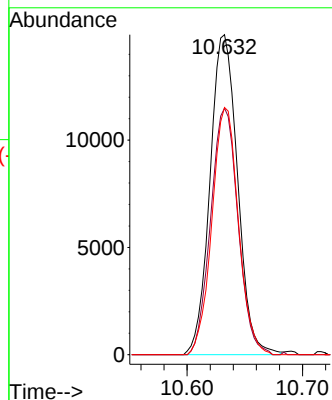
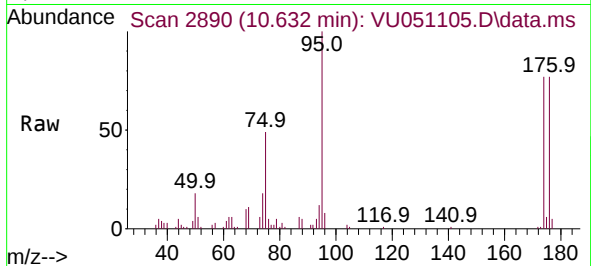




#57
4-Bromofluorobenzene
Concen: 1.003 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

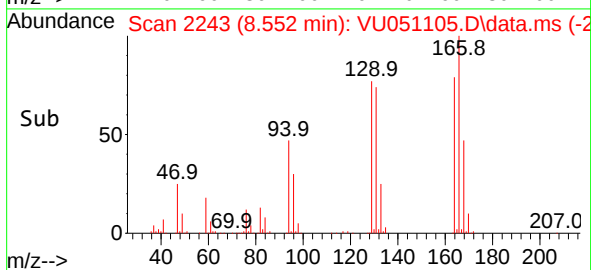
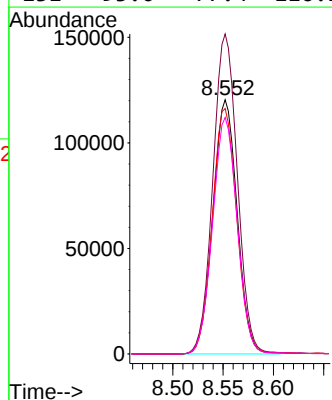
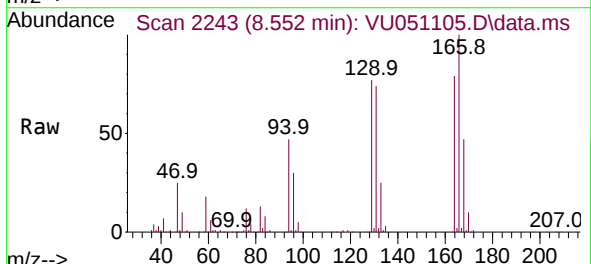
Instrument :
MSVOA_U
ClientSampleId :

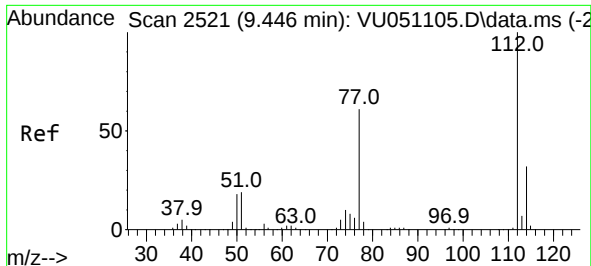
Tgt Ion: 95 Resp: 24717
Ion Ratio Lower Upper
95 100
174 76.4 62.4 93.6
176 74.3 56.2 84.2



#58
Tetrachloroethene
Concen: 12.636 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion: 164 Resp: 203021
Ion Ratio Lower Upper
164 100
166 125.9 102.4 153.6
129 96.6 79.5 119.3
131 93.0 77.4 116.2





#59

Chlorobenzene

Concen: 10.799 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

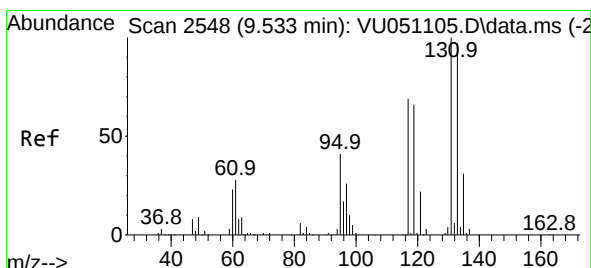
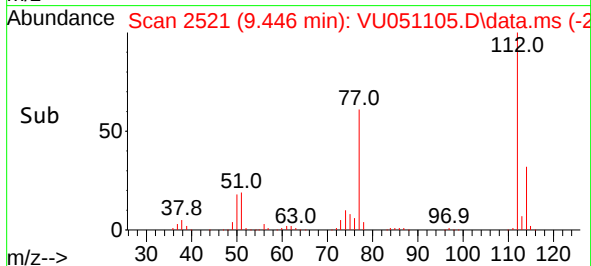
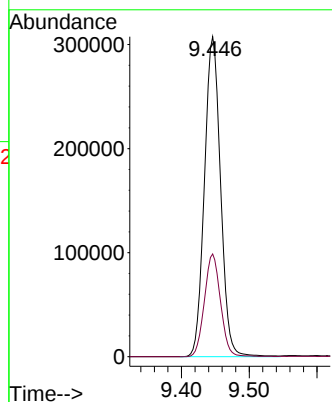
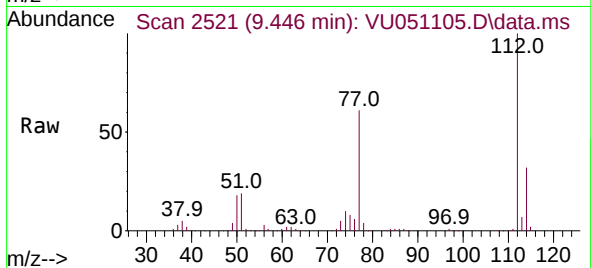
ClientSampleId :

Tgt Ion:112 Resp: 508593

Ion Ratio Lower Upper

112 100

114 32.1 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 11.048 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

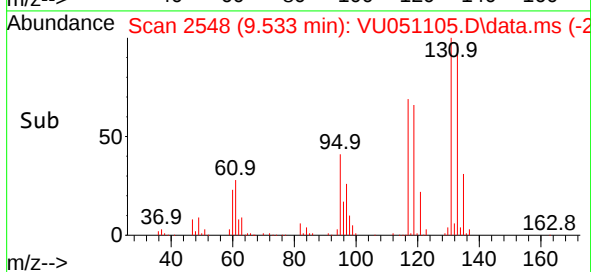
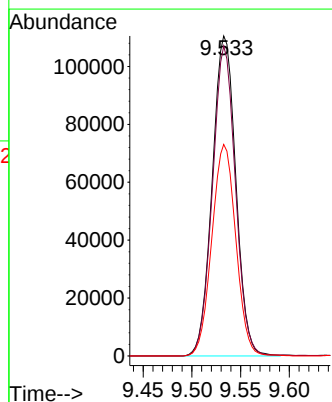
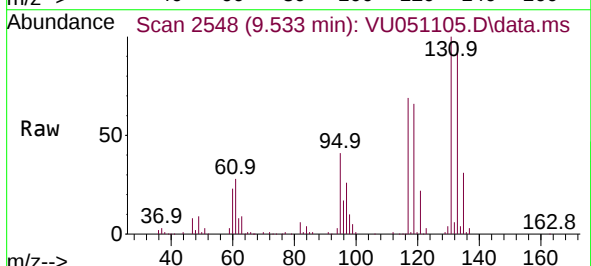
Tgt Ion:131 Resp: 185615

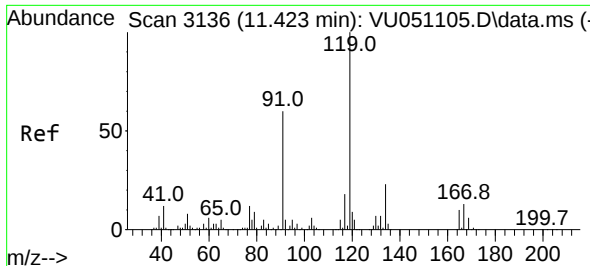
Ion Ratio Lower Upper

131 100

133 94.8 78.3 117.5

119 67.3 53.2 79.8

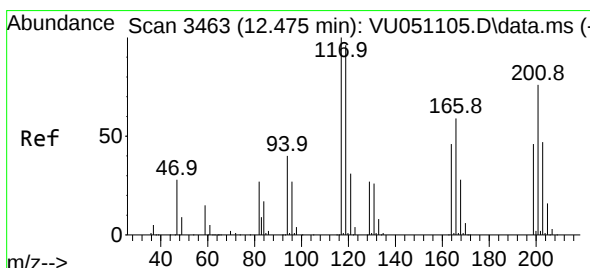
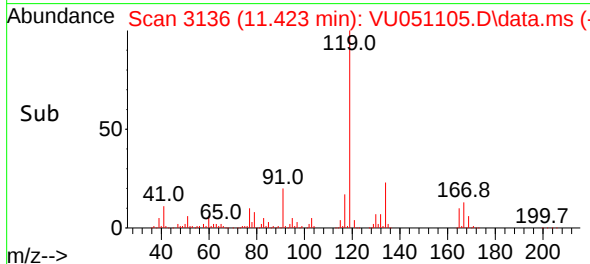
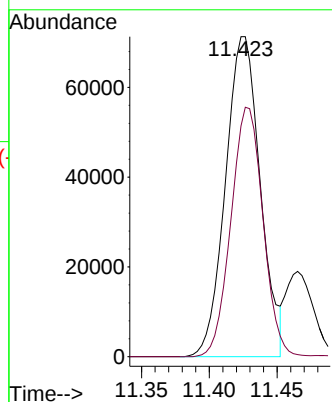
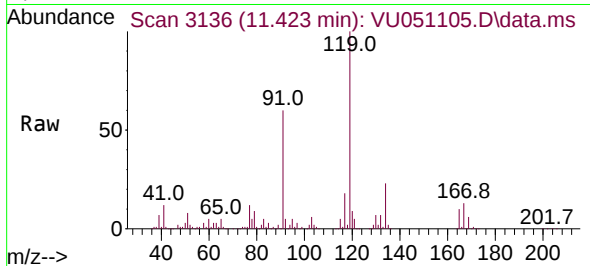




#61
 Pentachloroethane
 Concen: 10.085 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

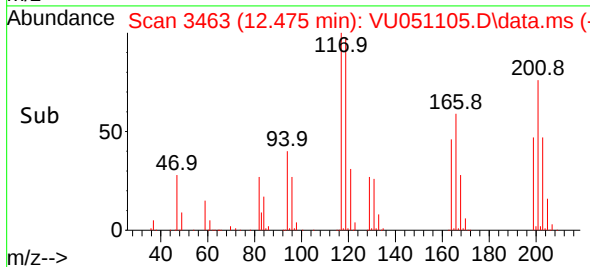
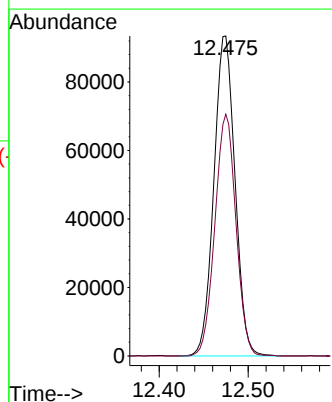
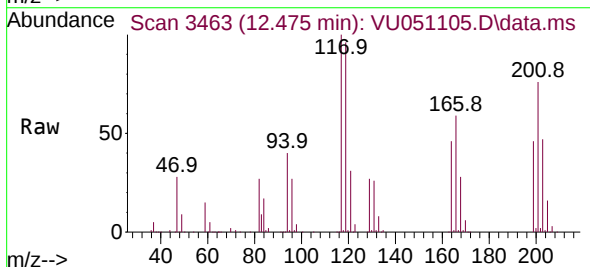
Instrument :
 MSVOA_U
 ClientSampleId :

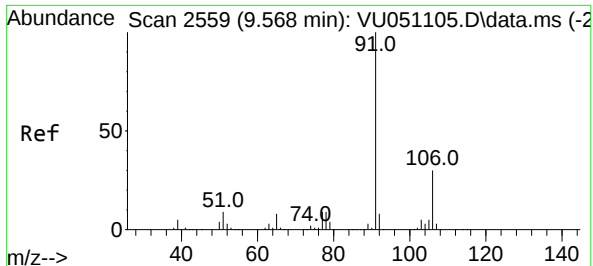
Tgt Ion:117 Resp: 127290
 Ion Ratio Lower Upper
 117 100
 167 71.8 66.2 99.4



#62
 Hexachloroethane
 Concen: 11.823 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

Tgt Ion:117 Resp: 154268
 Ion Ratio Lower Upper
 117 100
 201 75.2 61.0 91.4





#63

Ethyl Benzene

Concen: 10.549 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

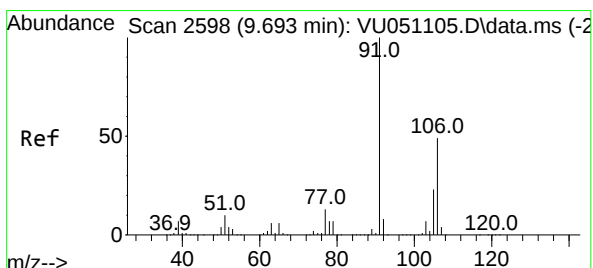
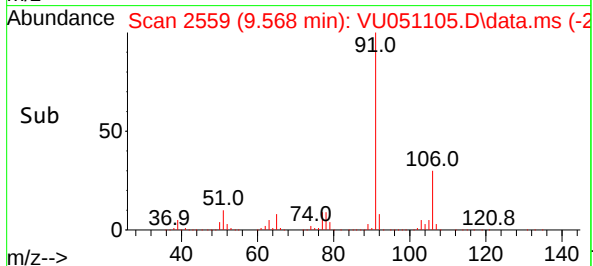
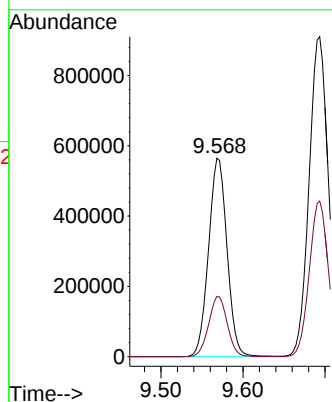
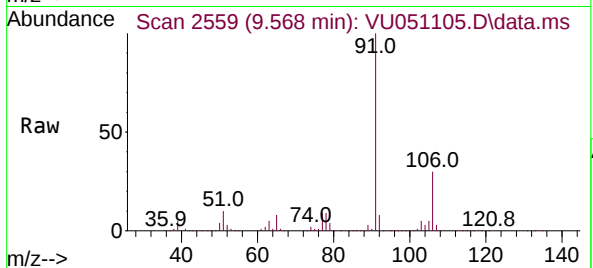
ClientSampleId :

Tgt Ion: 91 Resp: 884250

Ion Ratio Lower Upper

91 100

106 30.3 24.4 36.6



#64

m/p-Xylenes

Concen: 22.873 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051105.D

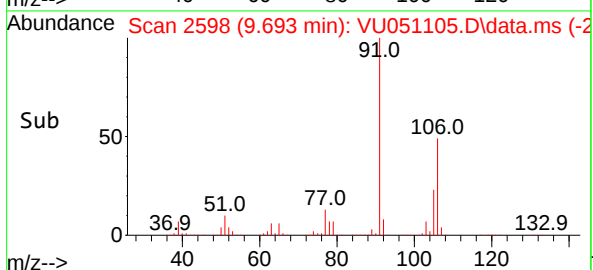
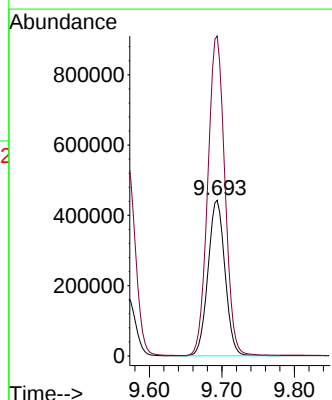
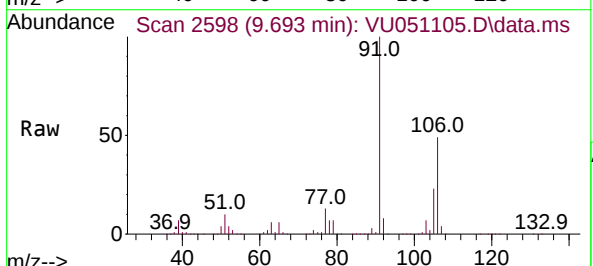
Acq: 04 Oct 2022 12:57

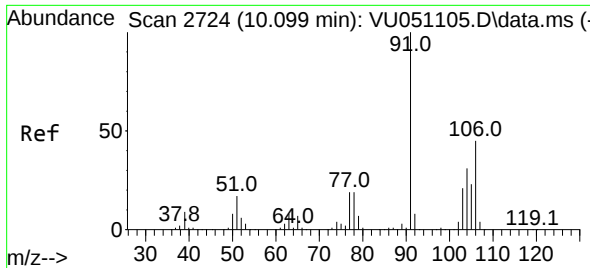
Tgt Ion: 106 Resp: 721306

Ion Ratio Lower Upper

106 100

91 206.4 167.8 251.6

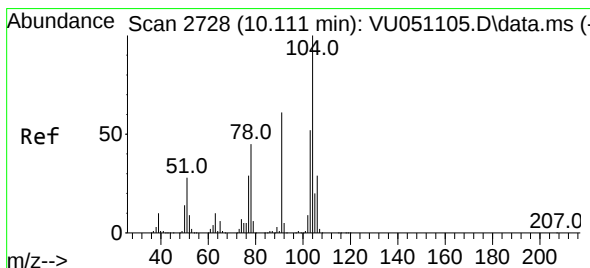
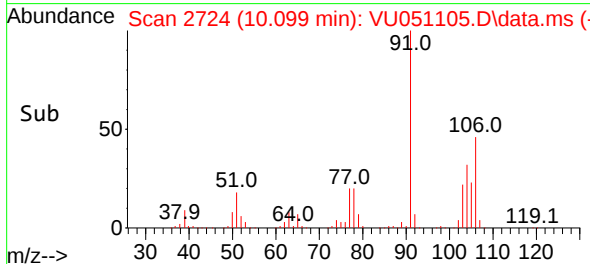
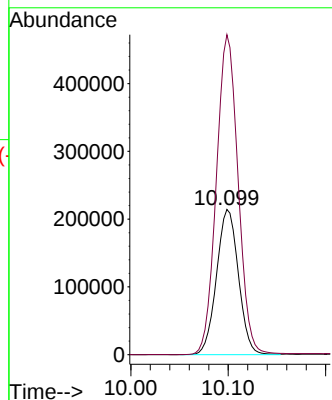
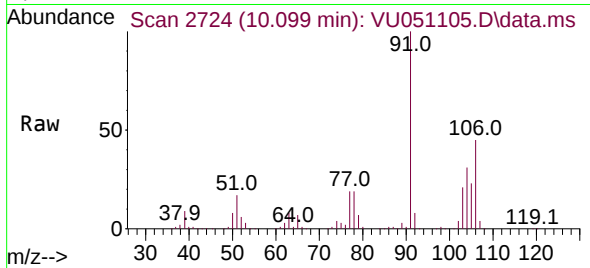




#65
o-Xylene
Concen: 10.878 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

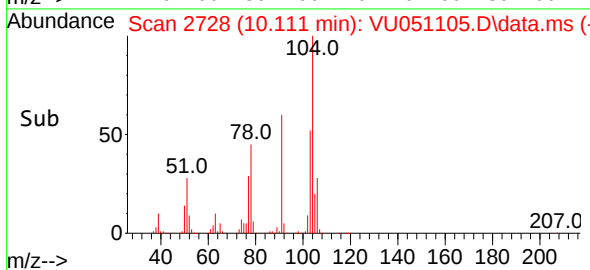
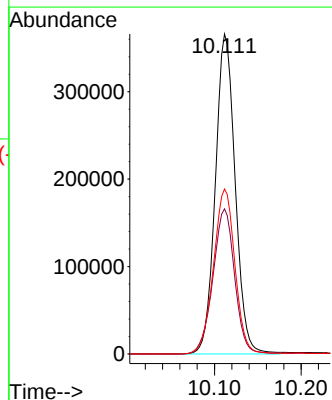
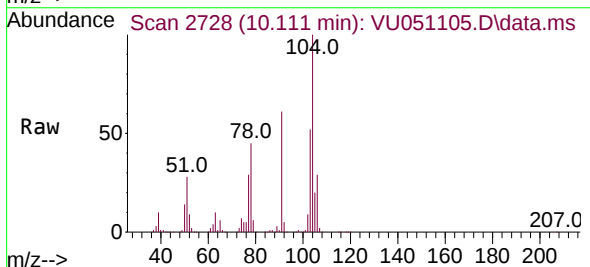
Instrument :
MSVOA_U
ClientSampleId :

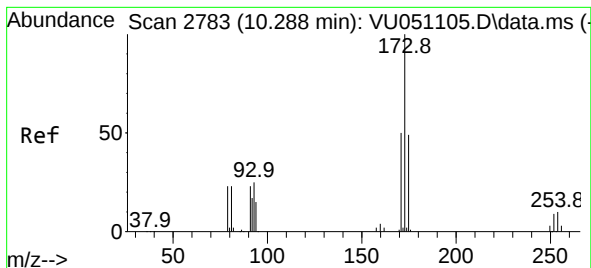
Tgt Ion:106 Resp: 334921
Ion Ratio Lower Upper
106 100
91 218.8 111.1 333.2



#66
Styrene
Concen: 11.686 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion:104 Resp: 583575
Ion Ratio Lower Upper
104 100
78 49.4 42.1 63.1
103 55.8 44.5 66.7





#67

Bromoform

Concen: 11.812 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

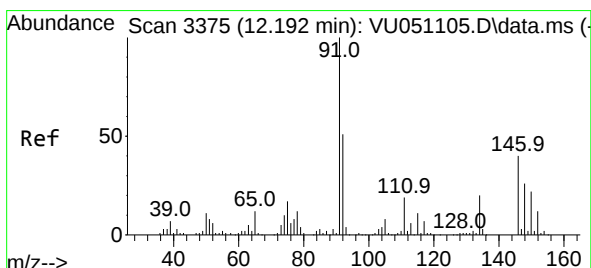
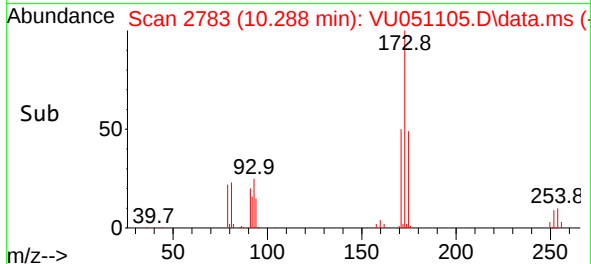
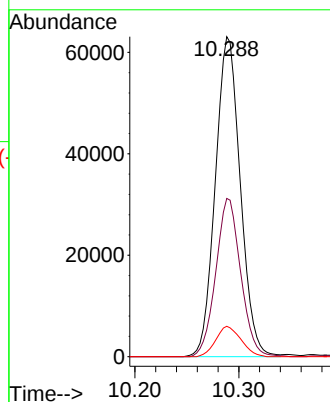
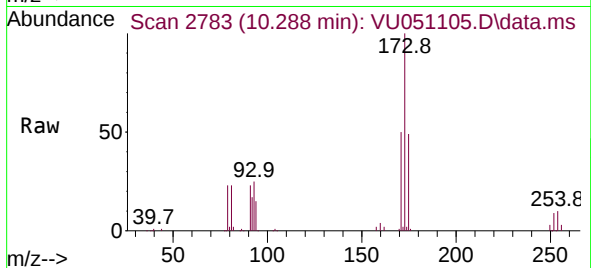
Tgt Ion:173 Resp: 105253

Ion Ratio Lower Upper

173 100

175 49.3 38.4 57.6

254 9.6 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.133 ug/l

RT: 12.192 min Scan# 3375

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

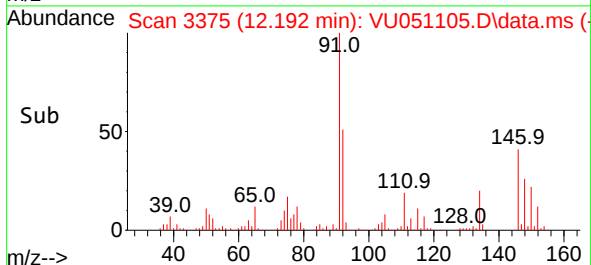
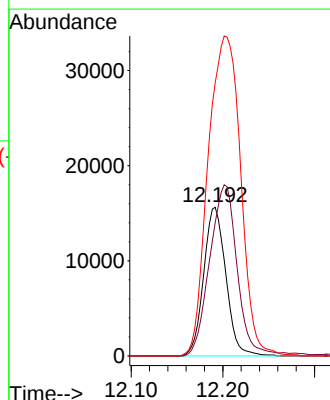
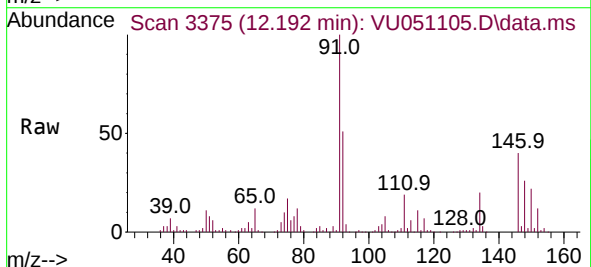
Tgt Ion:152 Resp: 26299

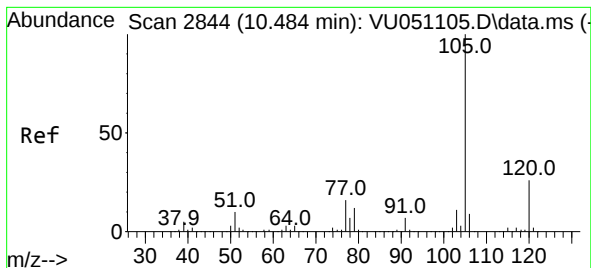
Ion Ratio Lower Upper

152 100

115 141.7 0.0 254.6

150 315.1 0.0 623.6





#69

Isopropylbenzene

Concen: 10.510 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

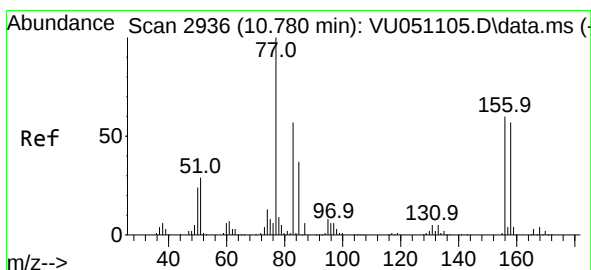
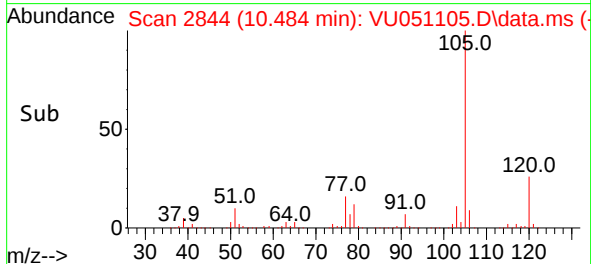
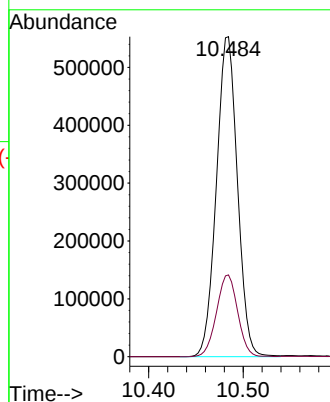
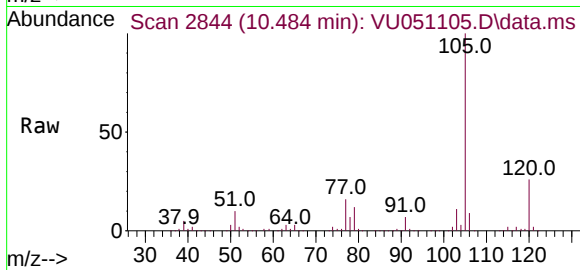
ClientSampleId :

Tgt Ion:105 Resp: 853984

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8



#70

1,1,2,2-Tetrachloroethane

Concen: 11.655 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

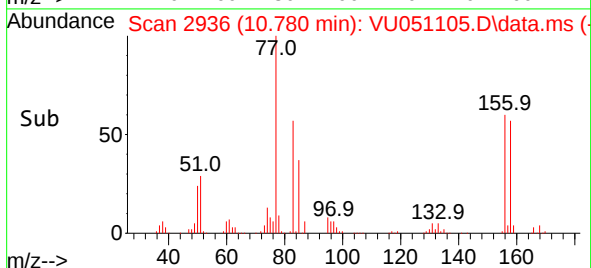
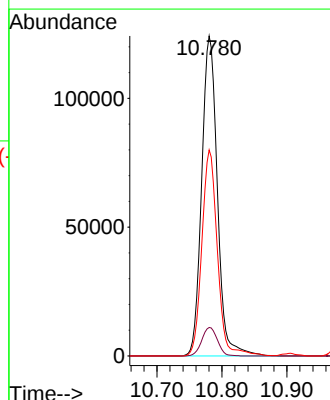
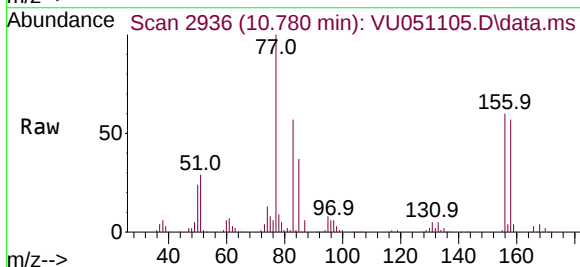
Tgt Ion: 83 Resp: 209471

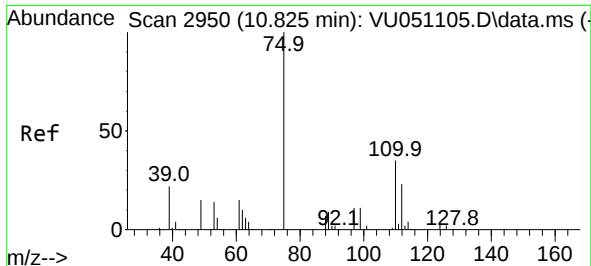
Ion Ratio Lower Upper

83 100

131 8.8 7.7 11.5

85 63.7 51.2 76.8

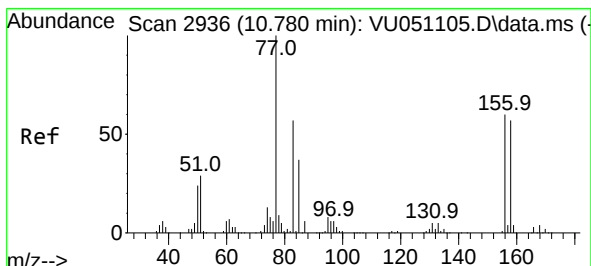
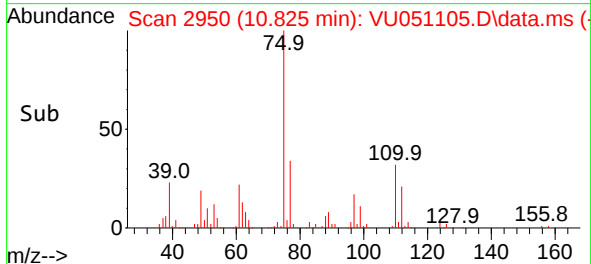
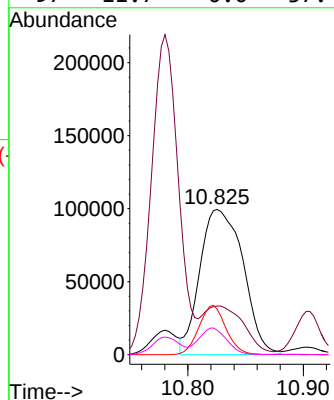
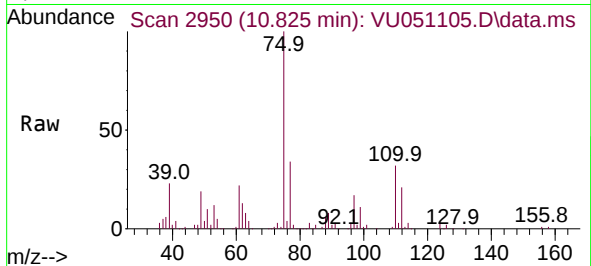




#71
1,2,3-Trichloropropane
Concen: 17.288 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

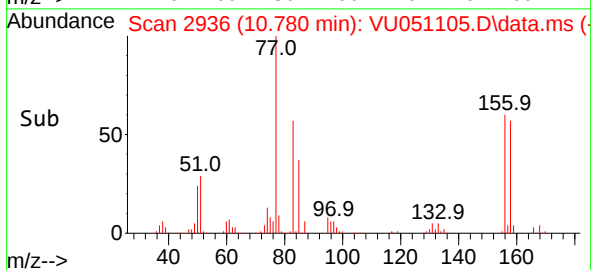
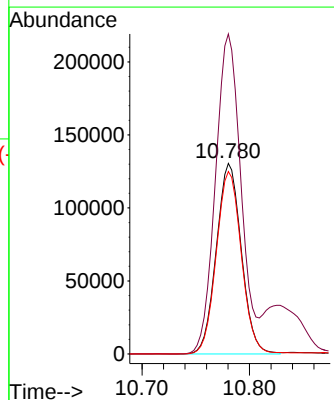
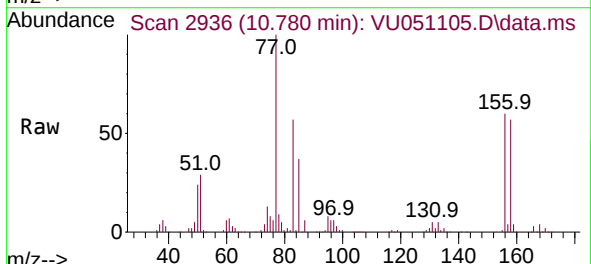
Instrument :
MSVOA_U
ClientSampleId :

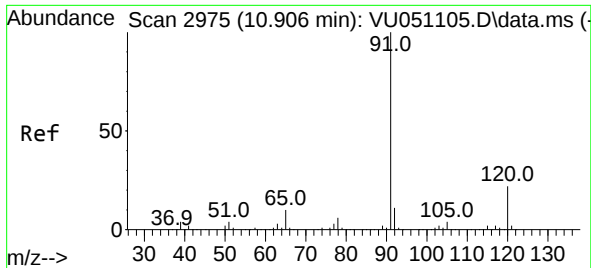
Tgt Ion: 75 Resp: 258508
Ion Ratio Lower Upper
75 100
77 28.8 0.0 112.4
110 21.3 0.0 70.6
97 11.7 0.0 37.4



#72
Bromobenzene
Concen: 11.301 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion:156 Resp: 210952
Ion Ratio Lower Upper
156 100
77 171.5 0.0 344.4
158 96.2 0.0 192.2

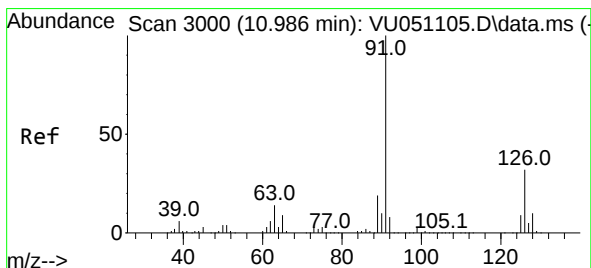
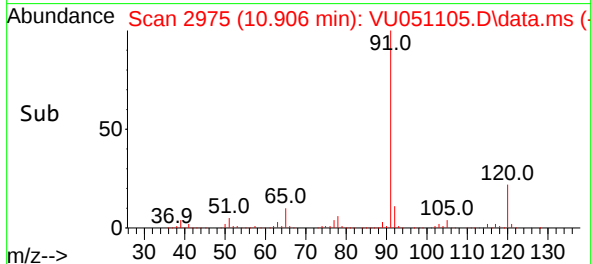
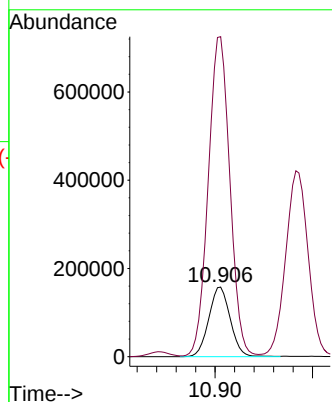
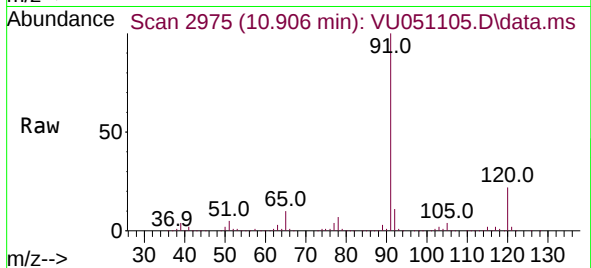




#73
n-propylbenzene
Concen: 11.559 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

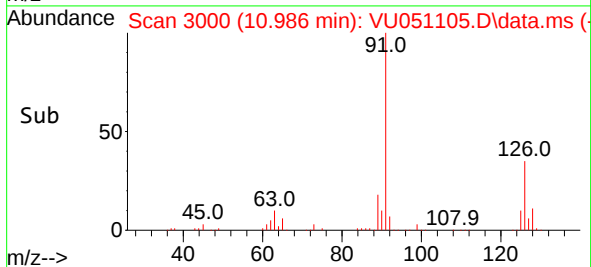
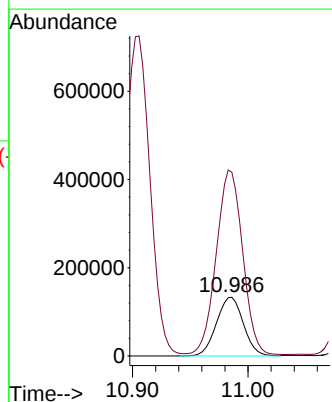
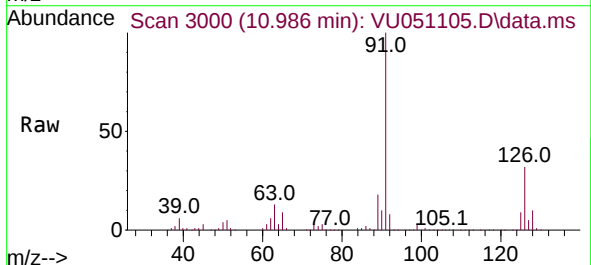
Instrument :
MSVOA_U
ClientSampleId :

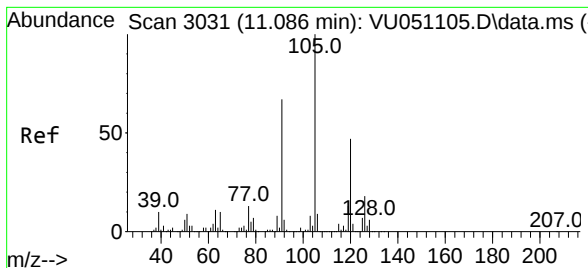
Tgt Ion:120 Resp: 240774
Ion Ratio Lower Upper
120 100
91 461.5 367.8 551.6



#74
2-Chlorotoluene
Concen: 11.505 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU051105.D
Acq: 04 Oct 2022 12:57

Tgt Ion:126 Resp: 215094
Ion Ratio Lower Upper
126 100
91 308.8 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 11.332 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

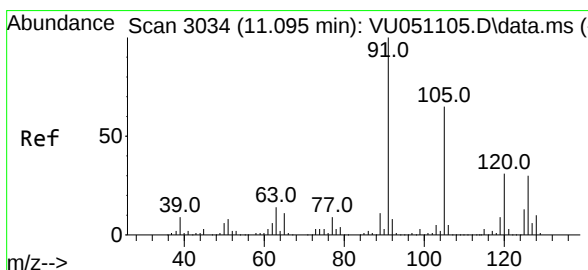
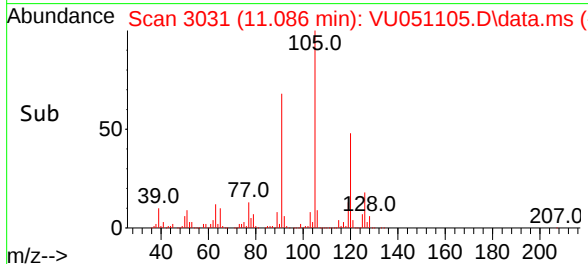
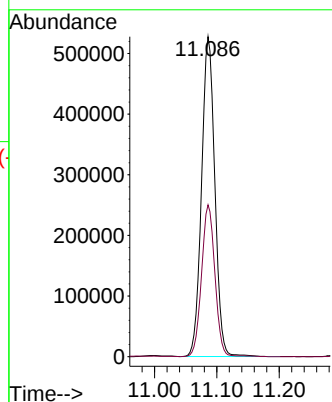
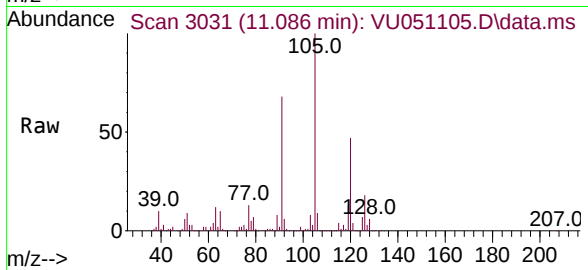
ClientSampleId :

Tgt Ion:105 Resp: 782085

Ion Ratio Lower Upper

105 100

120 47.5 37.6 56.4



#76

4-Chlorotoluene

Concen: 11.974 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.000 min

Lab File: VU051105.D

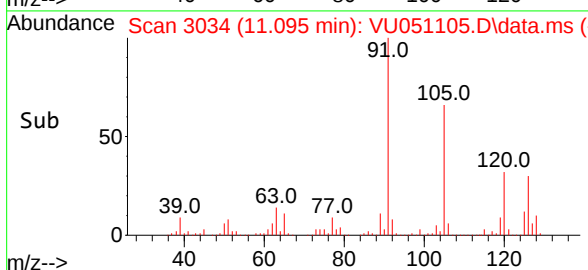
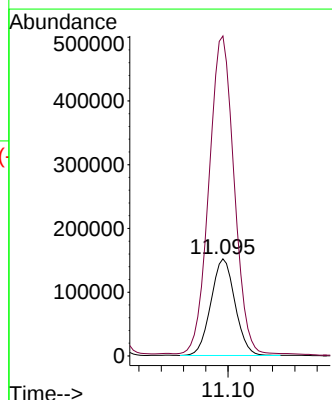
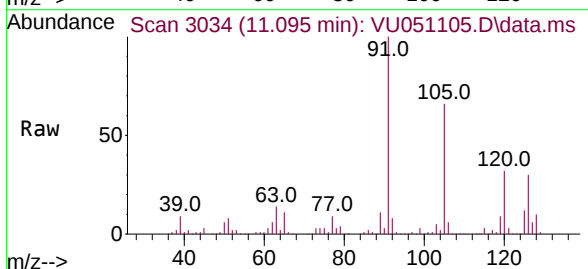
Acq: 04 Oct 2022 12:57

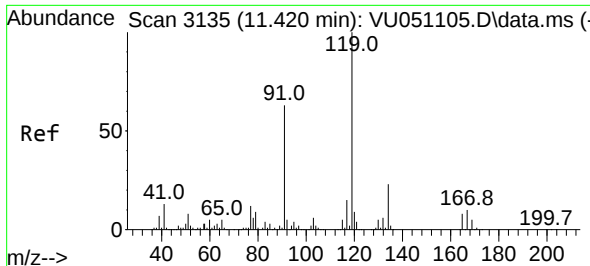
Tgt Ion:126 Resp: 227214

Ion Ratio Lower Upper

126 100

91 352.0 0.0 738.8

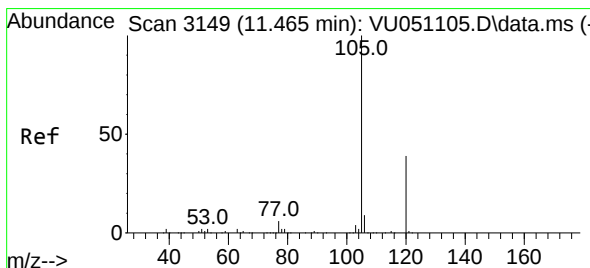
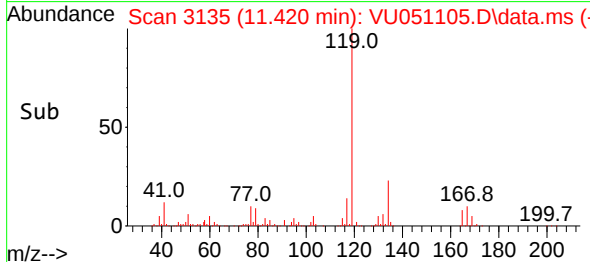
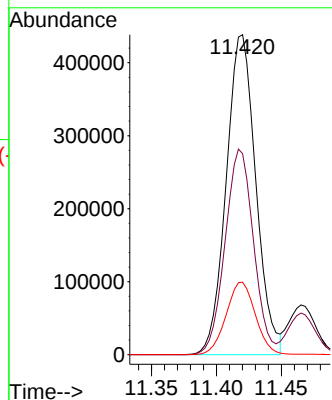
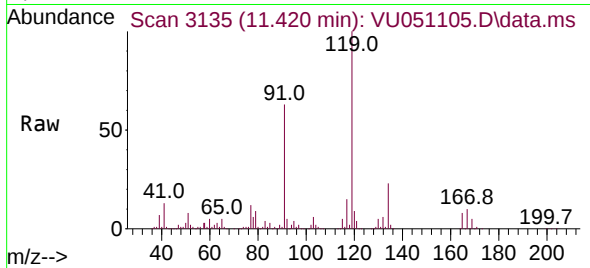




#77
 tert-Butylbenzene
 Concen: 10.407 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

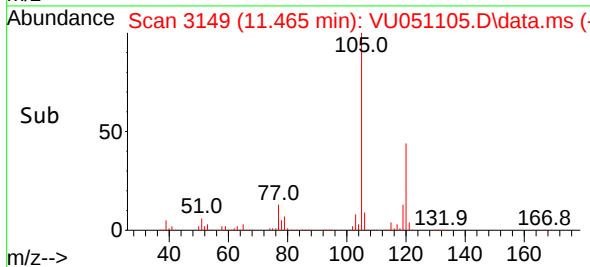
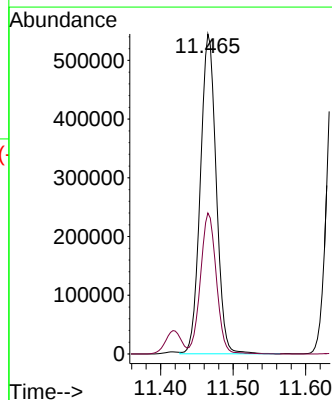
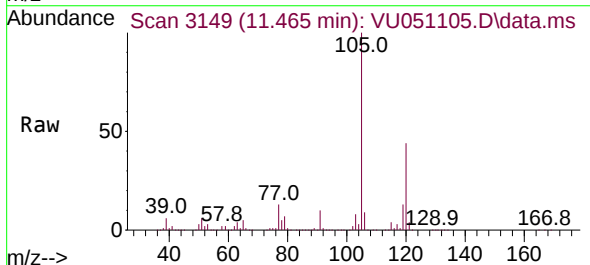
Instrument :
 MSVOA_U
 ClientSampleId :

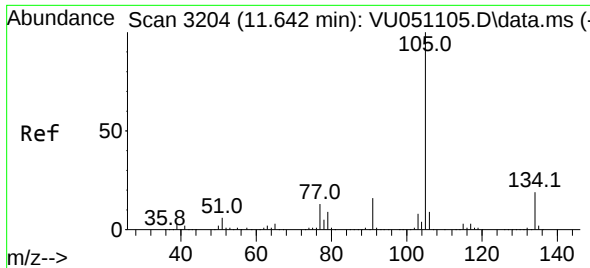
Tgt Ion:119 Resp: 696807
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.4 91.3
 134 22.5 17.8 26.6



#78
 1,2,4-Trimethylbenzene
 Concen: 11.798 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

Tgt Ion:105 Resp: 824457
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.6 65.0

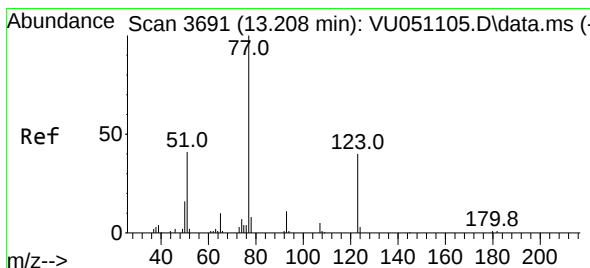
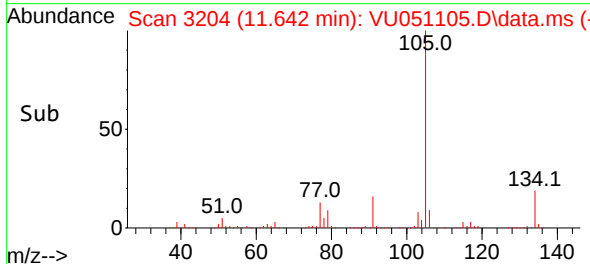
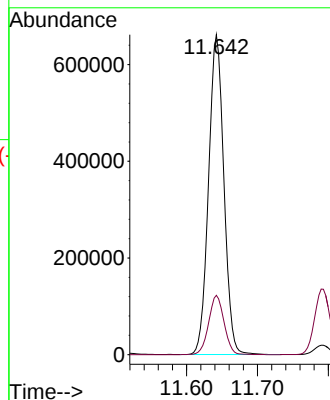
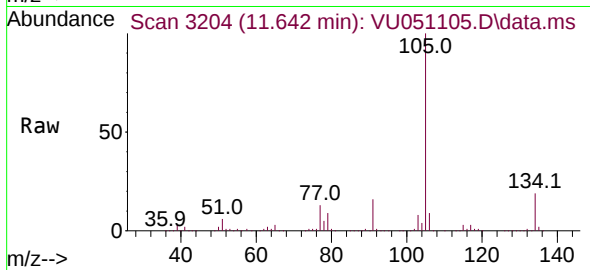




#79
 sec-Butylbenzene
 Concen: 11.163 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

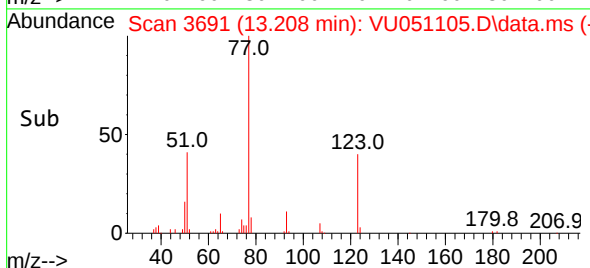
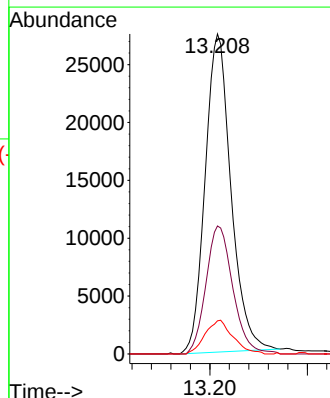
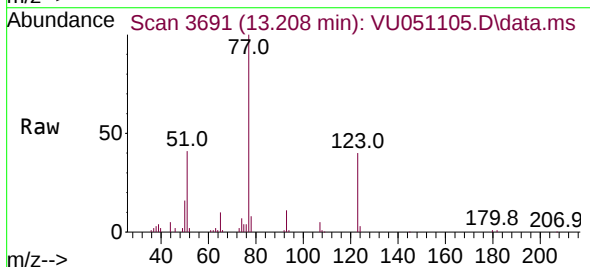
Instrument :
 MSVOA_U
 ClientSampleId :

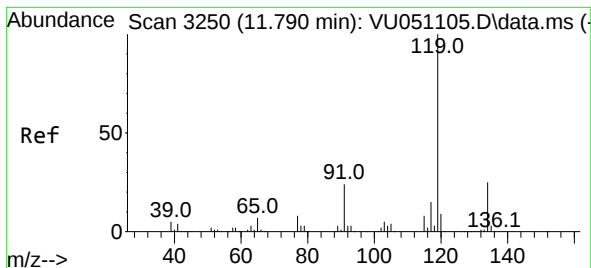
Tgt Ion:105 Resp: 992034
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.0



#80
 Nitrobenzene
 Concen: 66.853 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

Tgt Ion: 77 Resp: 50608
 Ion Ratio Lower Upper
 77 100
 123 41.8 18.1 64.3
 65 11.4 10.8 13.8





#81

p-Isopropyltoluene

Concen: 11.260 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

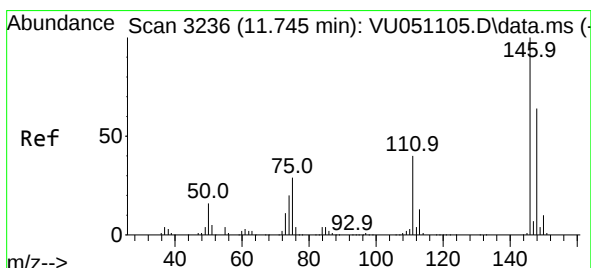
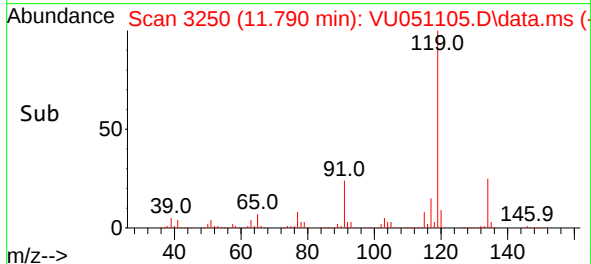
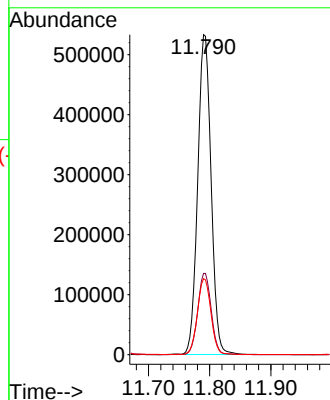
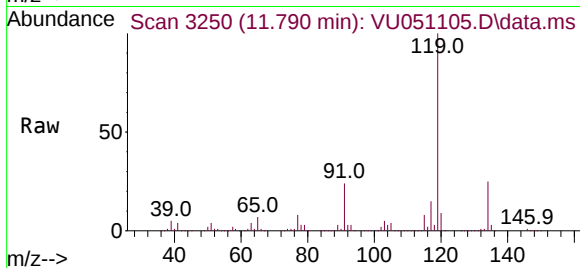
Tgt Ion:119 Resp: 810599

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 23.9 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 11.885 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

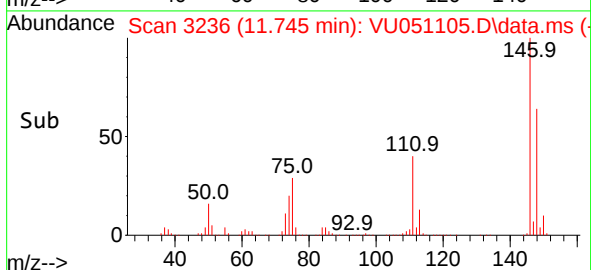
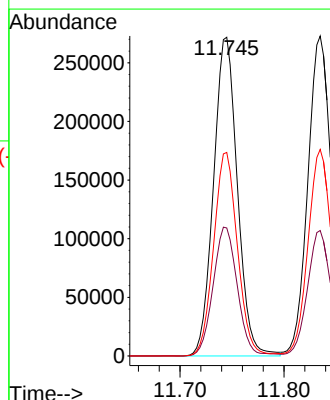
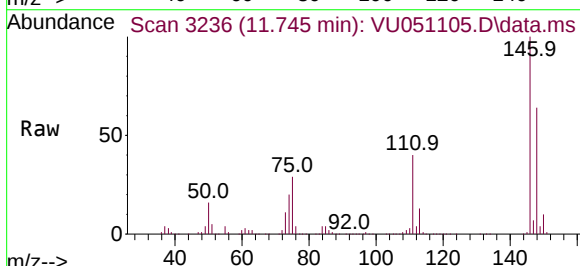
Tgt Ion:146 Resp: 433604

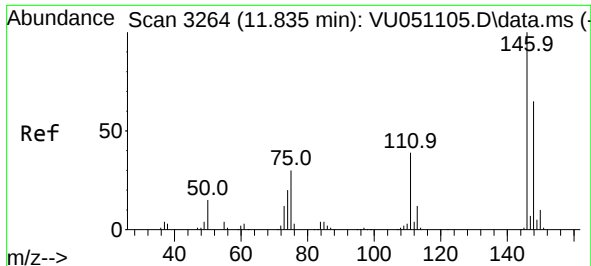
Ion Ratio Lower Upper

146 100

111 41.1 33.4 50.2

148 63.8 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 11.872 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

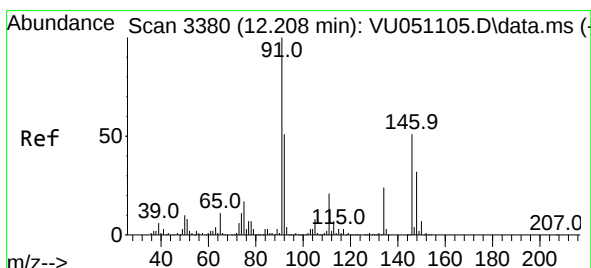
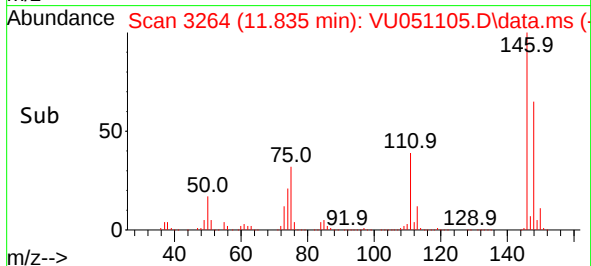
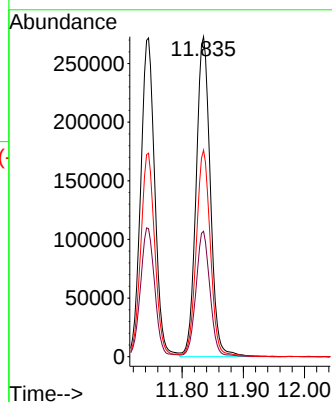
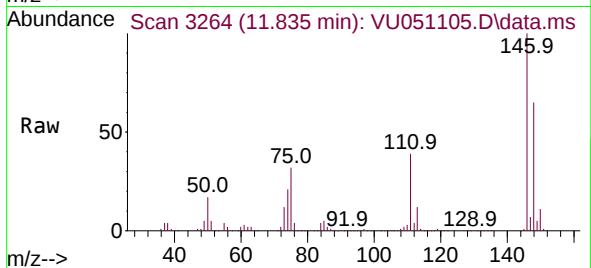
Tgt Ion:146 Resp: 439868

Ion Ratio Lower Upper

146 100

111 38.6 32.6 49.0

148 63.9 51.6 77.4



#84

n-Butylbenzene

Concen: 11.104 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

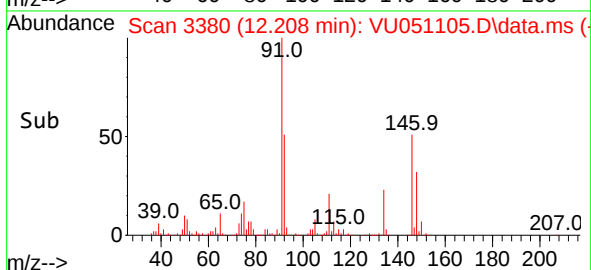
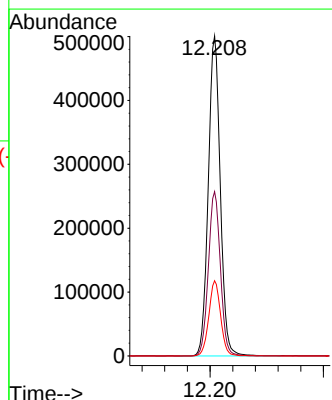
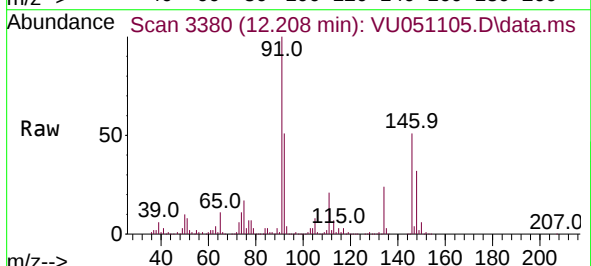
Tgt Ion: 91 Resp: 736536

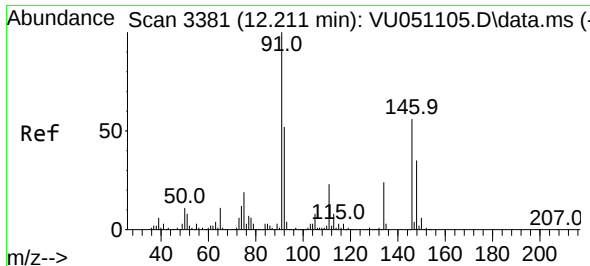
Ion Ratio Lower Upper

91 100

92 51.5 42.3 63.5

134 23.1 19.6 29.4

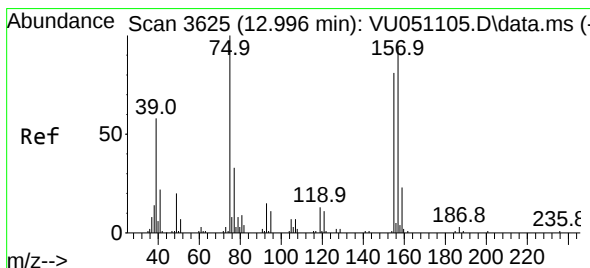
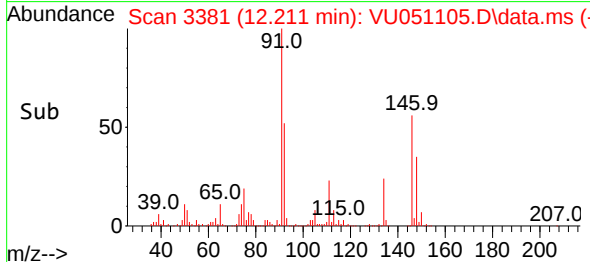
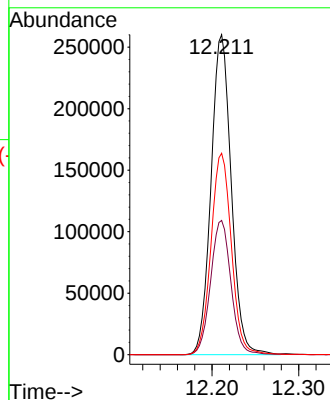
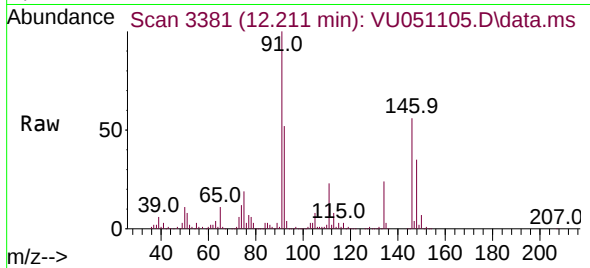




#85
 1,2-Dichlorobenzene
 Concen: 11.826 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

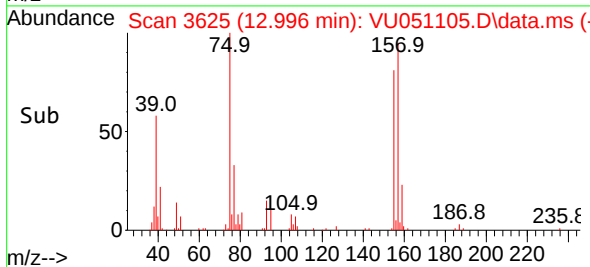
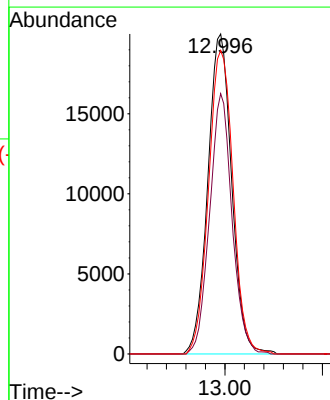
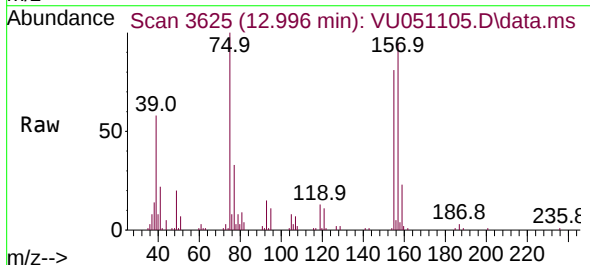
Instrument :
 MSVOA_U
 ClientSampleId :

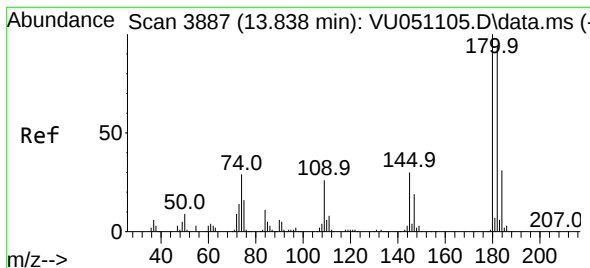
Tgt Ion:146 Resp: 421620
 Ion Ratio Lower Upper
 146 100
 111 42.4 22.1 66.1
 148 63.7 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.039 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU051105.D
 Acq: 04 Oct 2022 12:57

Tgt Ion: 75 Resp: 34003
 Ion Ratio Lower Upper
 75 100
 155 76.3 66.8 100.2
 157 97.3 83.8 125.8





#87

1,2,4-Trichlorobenzene

Concen: 9.796 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

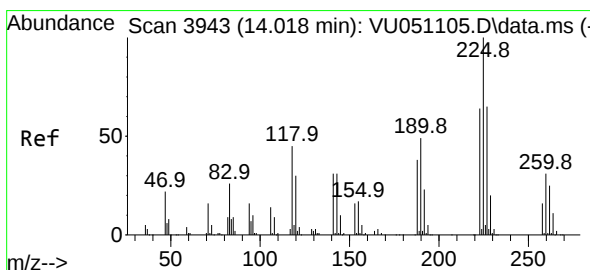
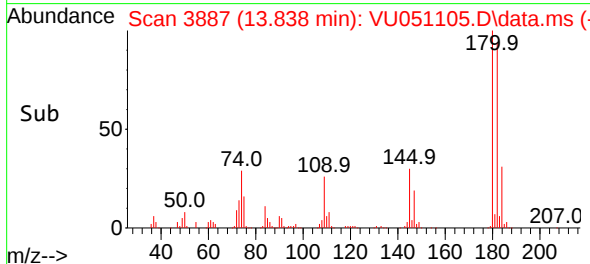
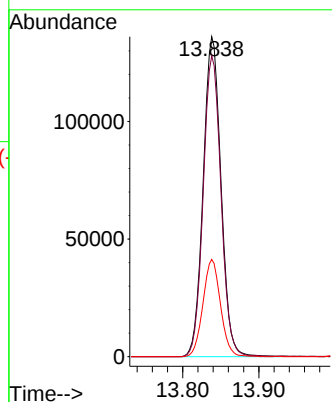
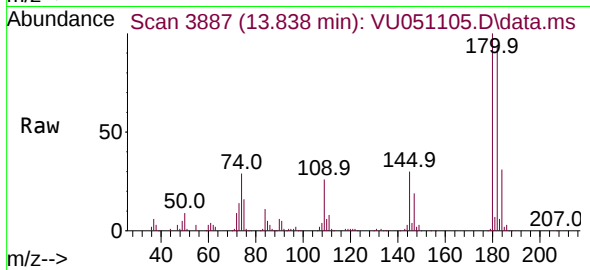
Tgt Ion:180 Resp: 221688

Ion Ratio Lower Upper

180 100

182 93.8 77.0 115.6

145 30.0 25.7 38.5



#88

Hexachlorobutadiene

Concen: 11.999 ug/l

RT: 14.018 min Scan# 3943

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

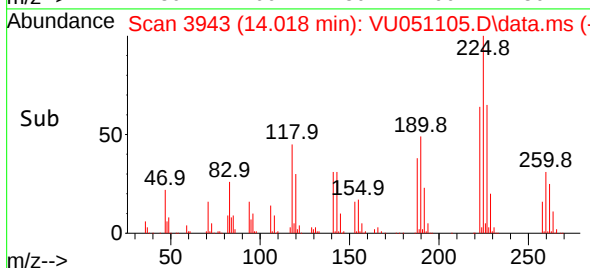
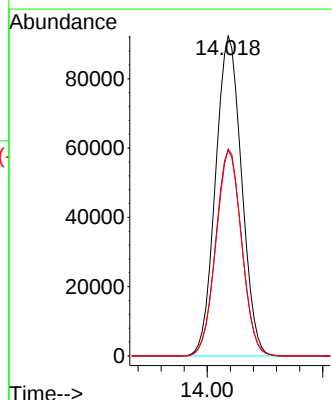
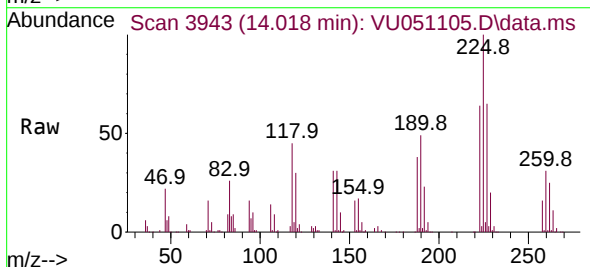
Tgt Ion:225 Resp: 144724

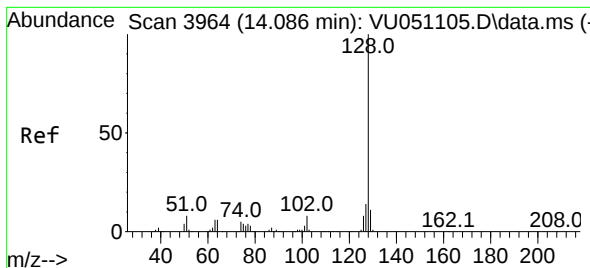
Ion Ratio Lower Upper

225 100

223 64.0 50.6 76.0

227 63.7 50.7 76.1





#89

Naphthalene

Concen: 9.193 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

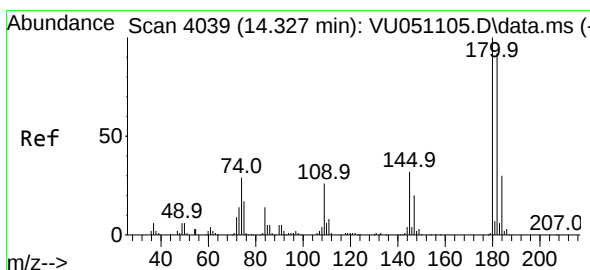
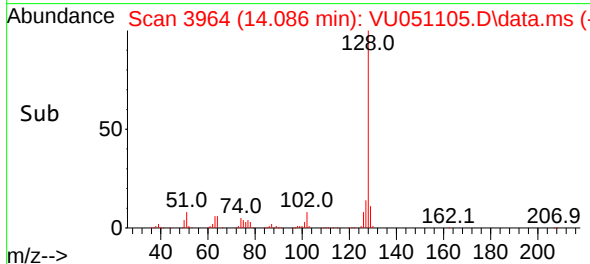
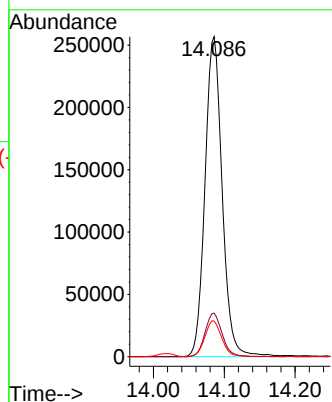
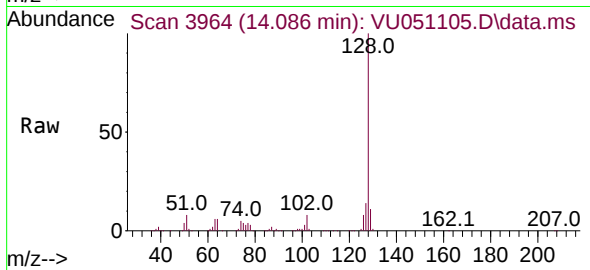
Tgt Ion:128 Resp: 432101

Ion Ratio Lower Upper

128 100

127 13.6 10.1 15.1

129 11.0 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 10.522 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU051105.D

Acq: 04 Oct 2022 12:57

Tgt Ion:180 Resp: 232284

Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

145 33.1 27.3 40.9

