

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
 Data File : VU051102.D
 Acq On : 04 Oct 2022 11:32
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 05 02:00:06 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	60074	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18856	0.855	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	20805	1.001	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	20187	0.906	ug/l	98
3) Chloromethane	1.523	50	28302	1.186	ug/l	96
4) Vinyl Chloride	1.604	62	26489	1.208	ug/l	99
5) Bromomethane	1.861	94	17025	1.447	ug/l	99
6) Chloroethane	1.935	64	16265	1.301	ug/l	92
7) Trichlorofluoromethane	2.141	101	30583	1.179	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	17195	1.240	ug/l	95
9) 1,1-Dichloroethene	2.581	96	18141	1.289	ug/l	94
10) Iodomethane	2.726	142	23797	1.276	ug/l	93
11) Allyl Chloride	2.925	41	28872	1.222	ug/l	97
12) Acrylonitrile	3.324	53	11335	2.941	ug/l	# 93
13) Acetone	2.658	43	16610	5.702	ug/l	# 79
14) Carbon Disulfide	2.793	76	67526	1.425	ug/l	99
15) Methylene Chloride	3.047	84	38608	2.136	ug/l	90
16) trans-1,2-Dichloroethene	3.353	96	21440	1.438	ug/l	94
17) 1,1-Dichloroethane	3.871	63	36837	1.227	ug/l	99
18) 2-Butanone	4.745	43	19380	3.982	ug/l	96
19) Cyclohexane	5.385	56	19388	0.698	ug/l	86
20) Methylcyclohexane	6.764	83	19776	0.720	ug/l	95
21) 2,2-Dichloropropane	4.662	77	24764	1.039	ug/l	99
22) cis-1,2-Dichloroethene	4.668	96	18979	1.067	ug/l	97
23) Diethyl Ether	2.379	59	16773	1.386	ug/l	98
24) tert-Butyl Alcohol	3.247	59	1004	0.819	ug/l	# 73
25) Methyl tert-Butyl Ether	3.366	73	48218	1.237	ug/l	96
26) Bromochloromethane	4.977	128	9405	1.233	ug/l	96
27) Chloroform	5.089	83	36461	1.225	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	28388	1.104	ug/l	96
29) 1,1-Dichloropropene	5.526	75	21160	0.922	ug/l	98
30) Carbon Tetrachloride	5.523	117	24251	1.123	ug/l	97
31) Isopropyl Ether	3.996	45	46210	0.931	ug/l	83
32) Ethyl-t-butyl ether	4.504	59	38049	0.816	ug/l	96
33) Tert-Amyl methyl ether	5.944	73	32380	0.789	ug/l	98
34) Propionitrile	4.819	54	4663	3.324	ug/l	# 87
35) Benzene	5.777	78	73325	1.105	ug/l	98
36) 1,2-Dichloroethane	5.797	62	23394	1.222	ug/l	99
37) Trichloroethene	6.542	130	18027	1.083	ug/l	93
38) 1,2-Dichloropropane	6.793	63	19982	1.127	ug/l	97
39) Methacrylonitrile	4.993	41	4826	0.813	ug/l	# 89
40) Methyl acrylate	4.867	55	6834	0.734	ug/l	# 92
41) Tetrahydrofuran	5.076	42	5443	1.550	ug/l	94
42) 1-Chlorobutane	5.459	56	29649	0.923	ug/l	95
43) Dibromomethane	6.922	93	10723	1.206	ug/l	97
44) Bromodichloromethane	7.105	83	25613	1.213	ug/l	98

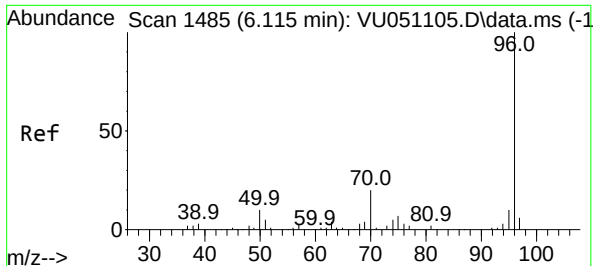
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 01:58:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	51309	4.391	ug/l	94
46) t-1,4-Dichloro-2-butene	10.828	75	20561	5.436	ug/l #	46
47) Methyl methacrylate	6.967	69	15199	1.732	ug/l	89
48) Ethyl methacrylate	8.337	69	12274	0.715	ug/l	98
49) Toluene	7.970	92	36181	0.898	ug/l	94
50) t-1,3-Dichloropropene	8.214	75	18696	0.937	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	23646	1.006	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	16423	1.332	ug/l	95
53) 1,3-Dichloropropane	8.578	76	24187	1.105	ug/l	97
54) 2-Hexanone	8.694	43	33732	4.139	ug/l	94
55) Dibromochloromethane	8.809	129	16881	1.215	ug/l	97
56) 1,2-Dibromoethane	8.925	107	13711	1.154	ug/l	97
58) Tetrachloroethene	8.552	164	18239	1.268	ug/l	94
59) Chlorobenzene	9.449	112	42030	0.997	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.536	131	17027	1.132	ug/l	98
61) Pentachloroethane	11.423	117	11840	1.048	ug/l	87
62) Hexachloroethane	12.472	117	14084	1.206	ug/l	95
63) Ethyl Benzene	9.568	91	56968	0.759	ug/l	99
64) m/p-Xylenes	9.693	106	41405	1.466	ug/l	99
65) o-Xylene	10.099	106	22173	0.804	ug/l	96
66) Styrene	10.115	104	34946	0.782	ug/l	96
67) Bromoform	10.292	173	9868	1.237	ug/l	97
69) Isopropylbenzene	10.484	105	53242	0.732	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	19675	1.223	ug/l	98
71) 1,2,3-Trichloropropane	10.828	75	20561	1.536	ug/l #	53
72) Bromobenzene	10.780	156	16706	1.000	ug/l	98
73) n-propylbenzene	10.902	120	13927	0.747	ug/l	97
74) 2-Chlorotoluene	10.983	126	14727	0.880	ug/l	91
75) 1,3,5-Trimethylbenzene	11.086	105	43529	0.704	ug/l	99
76) 4-Chlorotoluene	11.099	126	14259	0.839	ug/l	89
77) tert-Butylbenzene	11.417	119	44208	0.737	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	44666	0.714	ug/l	98
79) sec-Butylbenzene	11.642	105	59560	0.749	ug/l	100
80) Nitrobenzene	13.214	77	4701	6.936	ug/l #	84
81) p-Isopropyltoluene	11.793	119	43566	0.676	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	34562	1.058	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	30640	0.924	ug/l	97
84) n-Butylbenzene	12.208	91	41637	0.701	ug/l	94
85) 1,2-Dichlorobenzene	12.211	146	33802	1.059	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	3190	1.157	ug/l #	84
87) 1,2,4-Trichlorobenzene	13.841	180	16078	0.793	ug/l	97
88) Hexachlorobutadiene	14.018	225	11667	1.080	ug/l	98
89) Naphthalene	14.089	128	32771	0.779	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	17142	0.867	ug/l	96

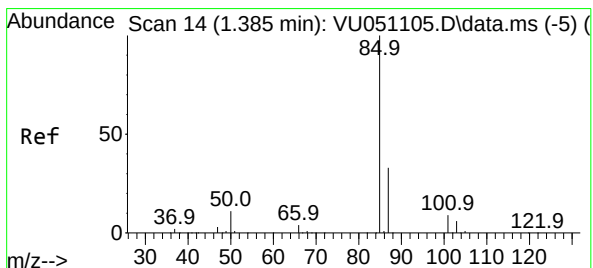
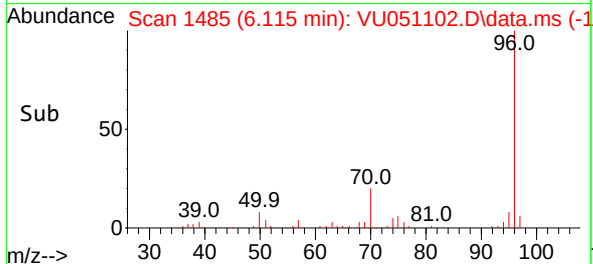
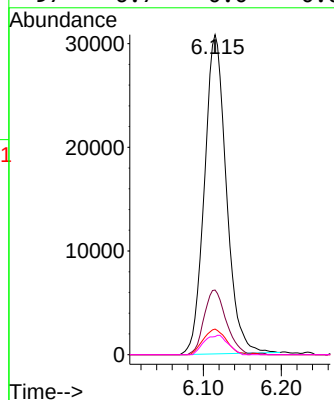
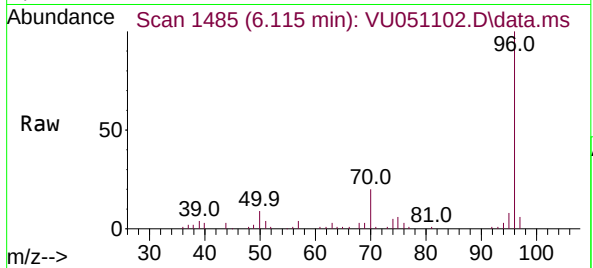
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

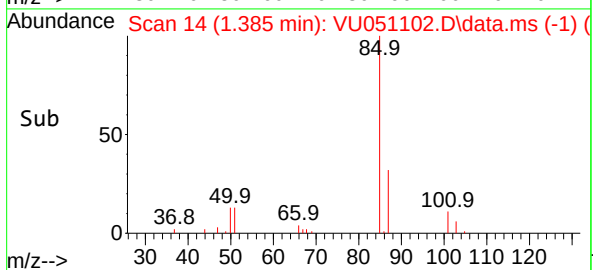
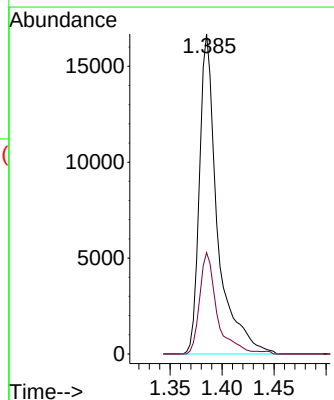
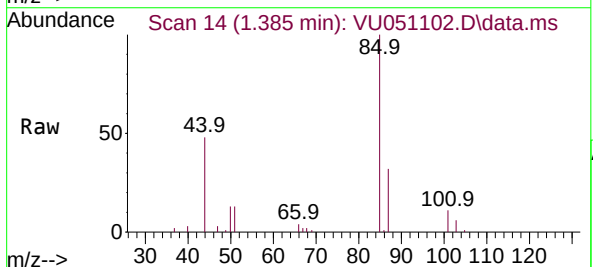
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MSVOA_U
ClientSampleId :

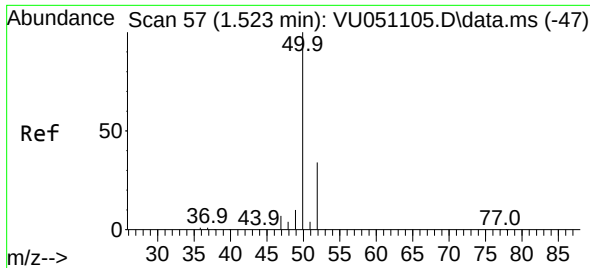
Tgt Ion: 96 Resp: 60074
Ion Ratio Lower Upper
96 100
70 19.9 16.7 25.1
95 8.5 7.4 11.0
97 6.7 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.906 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 85 Resp: 20187
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.8

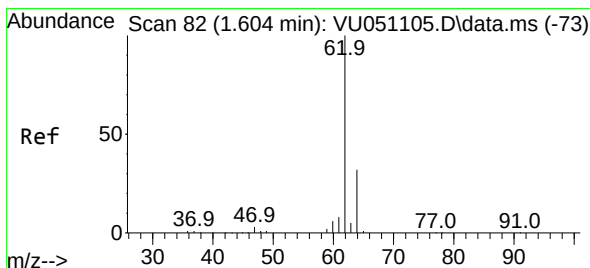
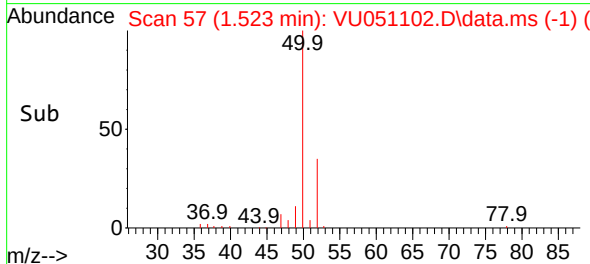
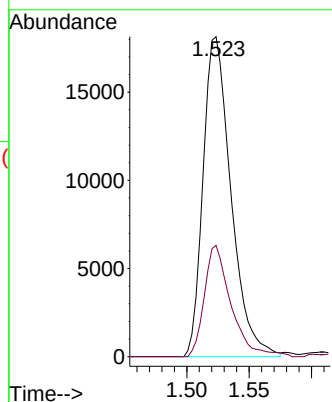
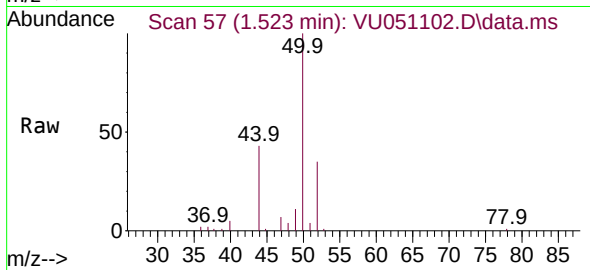




#3
Chloromethane
Concen: 1.186 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

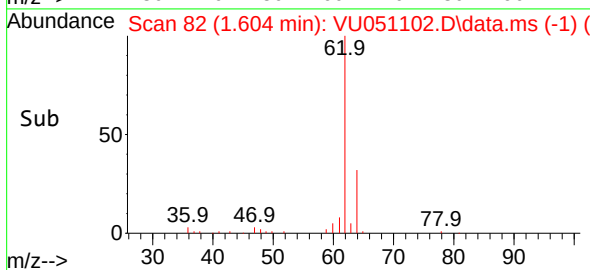
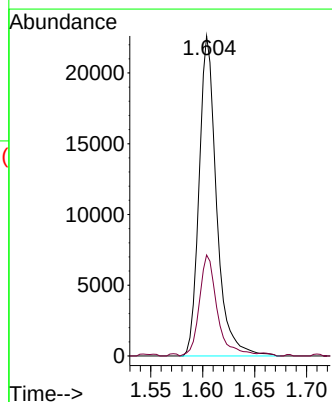
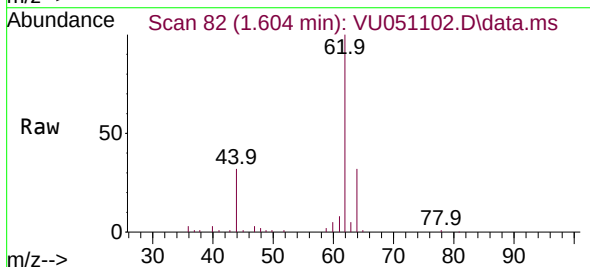
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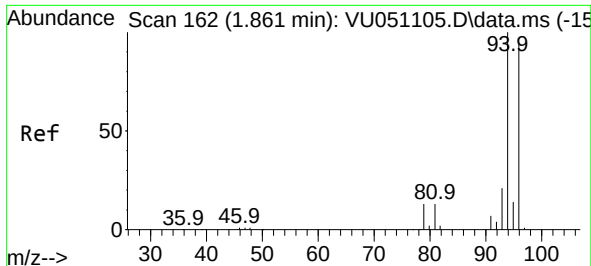
Tgt Ion: 50 Resp: 28302
Ion Ratio Lower Upper
50 100
52 34.8 26.1 39.1



#4
Vinyl Chloride
Concen: 1.208 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 62 Resp: 26489
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3

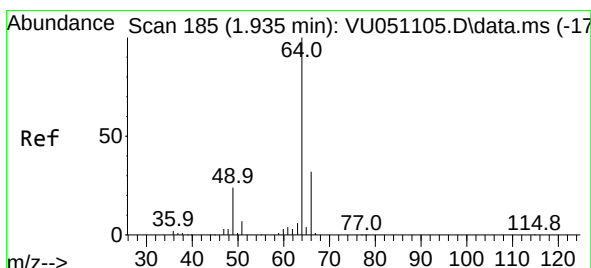
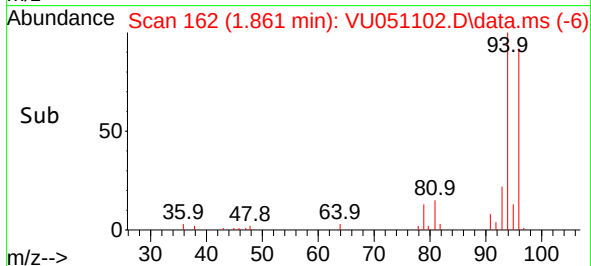
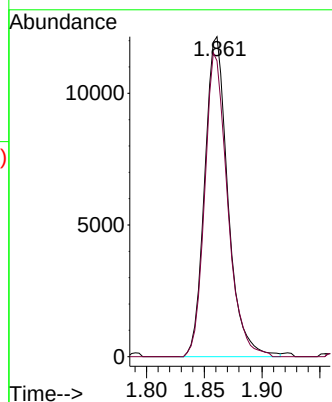
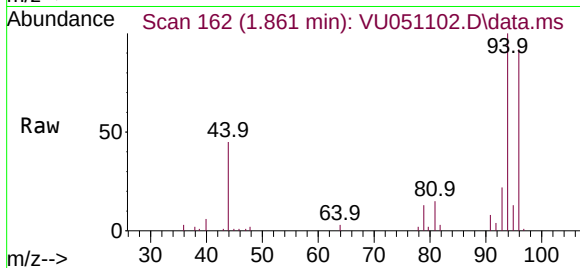




#5
Bromomethane
Concen: 1.447 ug/l
RT: 1.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

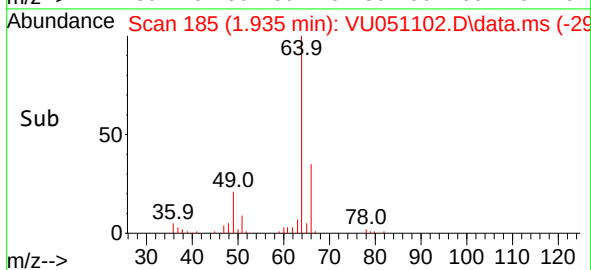
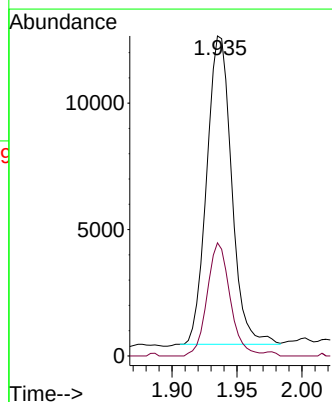
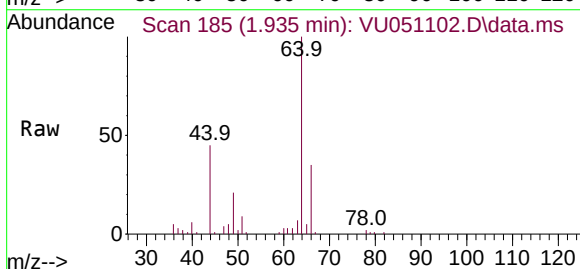
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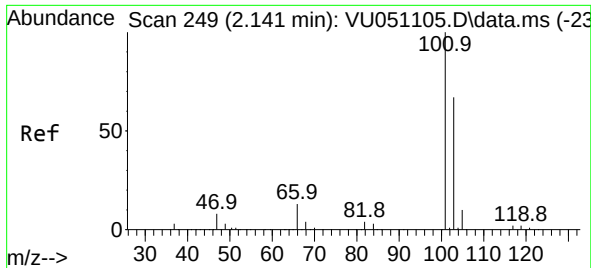
Tgt Ion: 94 Resp: 17025
Ion Ratio Lower Upper
94 100
96 92.5 73.0 109.6



#6
Chloroethane
Concen: 1.301 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 64 Resp: 16265
Ion Ratio Lower Upper
64 100
66 36.7 25.8 38.6

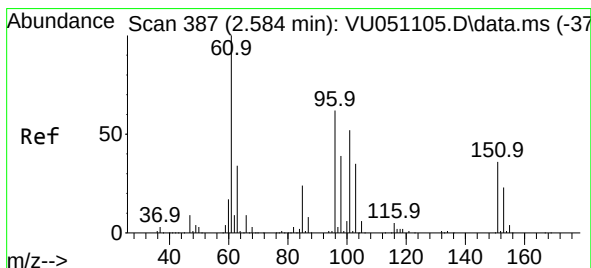
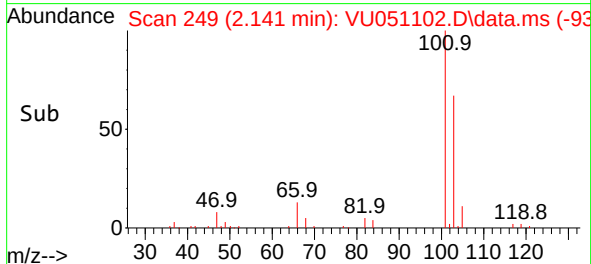
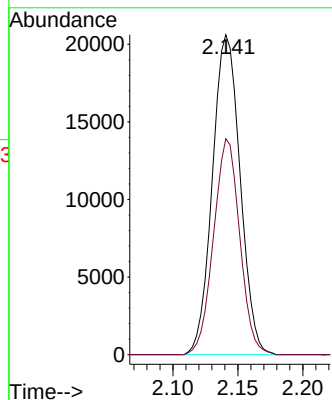
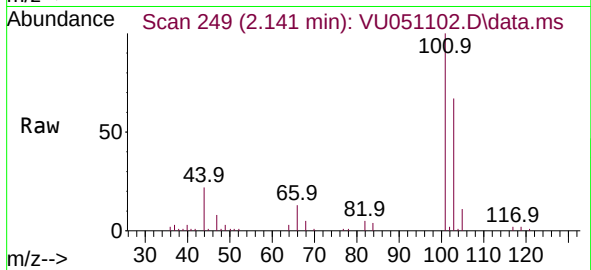




#7
Trichlorofluoromethane
Concen: 1.179 ug/l
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

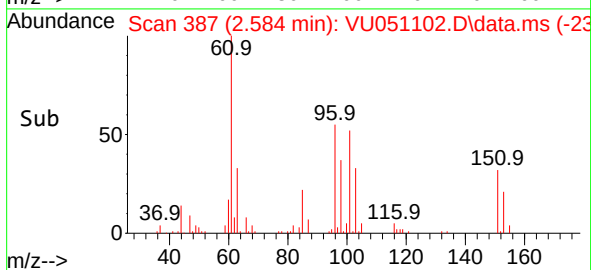
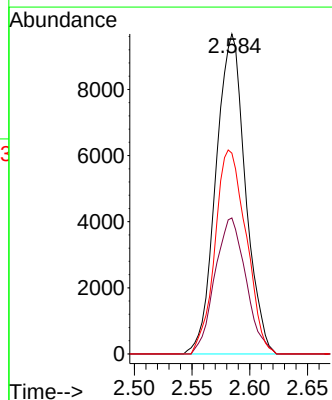
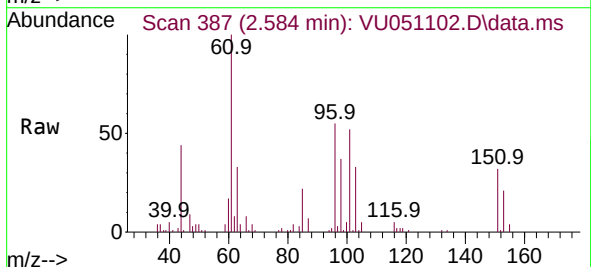
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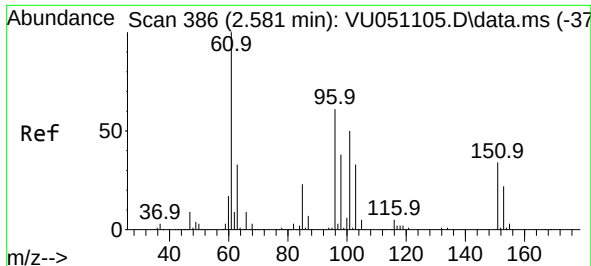
Tgt Ion:101 Resp: 30583
Ion Ratio Lower Upper
101 100
103 67.5 51.8 77.6



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.240 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion:101 Resp: 17195
Ion Ratio Lower Upper
101 100
85 44.7 36.4 54.6
151 67.3 59.1 88.7

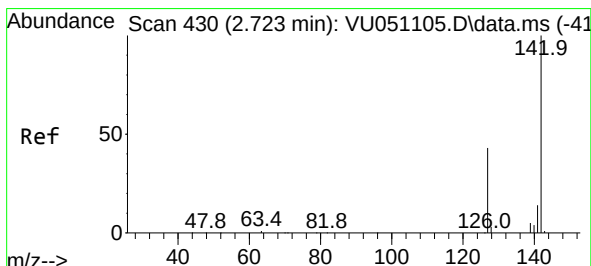
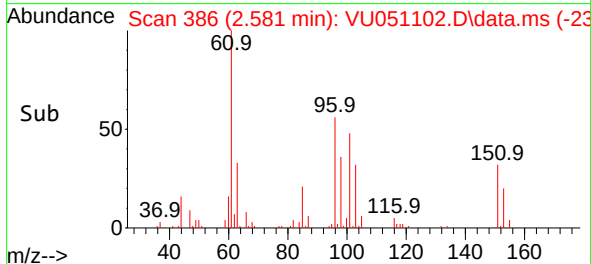
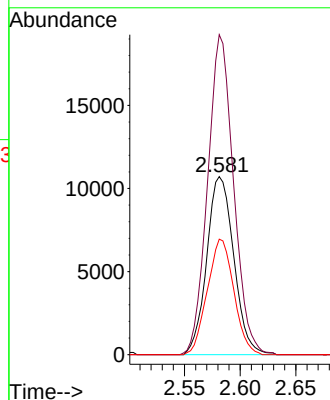
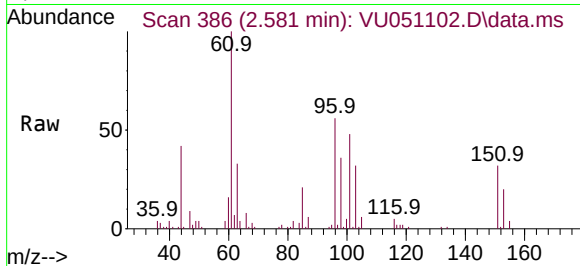




#9
1,1-Dichloroethene
Concen: 1.289 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

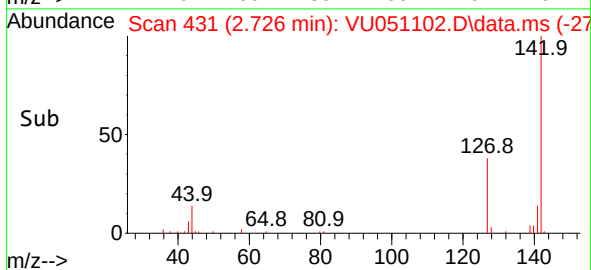
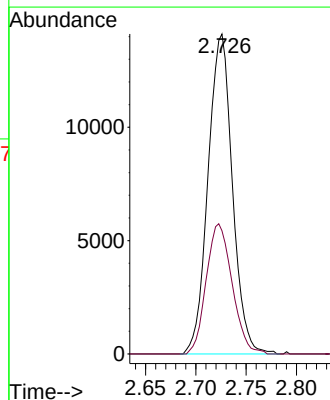
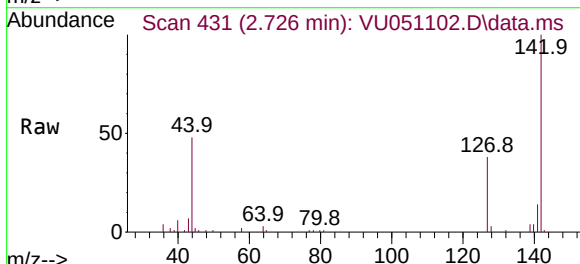
Instrument :
MSVOA_U
ClientSampleId :

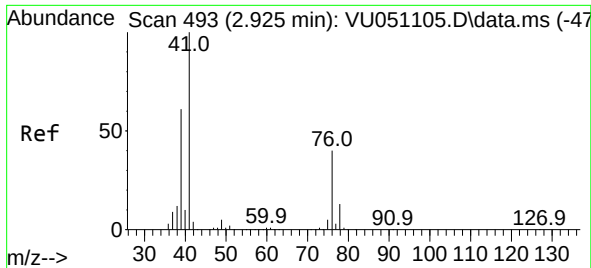
Tgt Ion: 96 Resp: 18141
Ion Ratio Lower Upper
96 100
61 179.7 0.0 510.6
98 64.9 0.0 124.6



#10
Iodomethane
Concen: 1.276 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 142 Resp: 23797
Ion Ratio Lower Upper
142 100
127 43.2 38.2 57.2

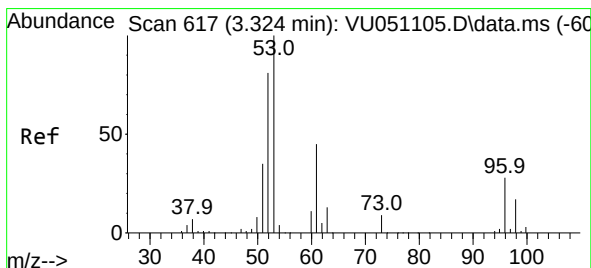
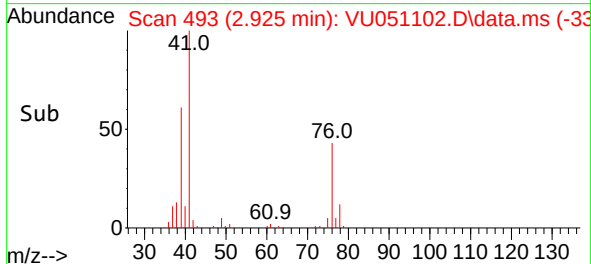
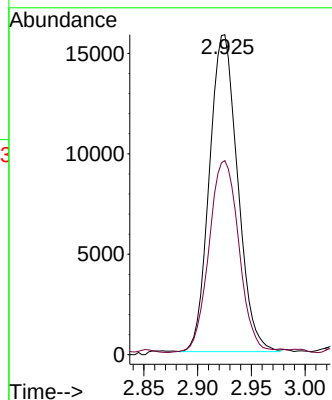
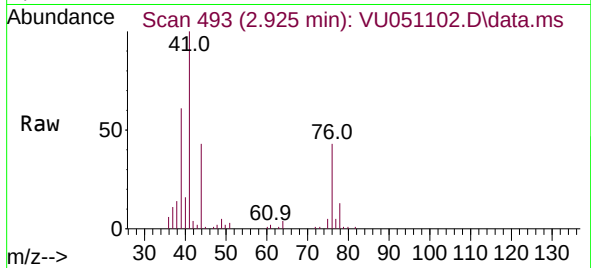




#11
 Allyl Chloride
 Concen: 1.222 ug/l
 RT: 2.925 min Scan# 493
 Delta R.T. 0.000 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

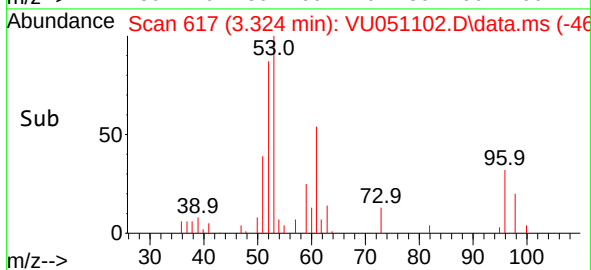
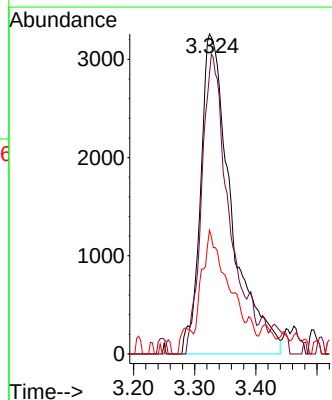
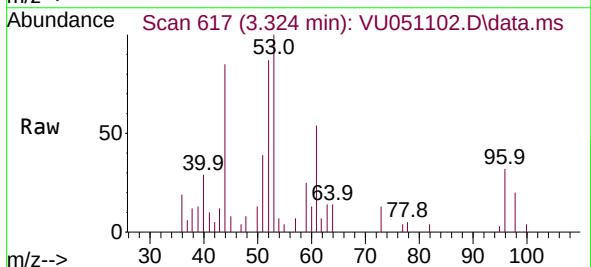
Instrument :
 MSVOA_U
 ClientSampleId :

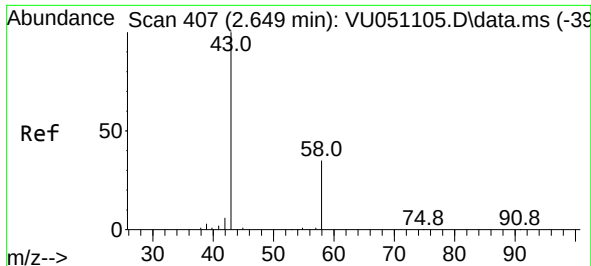
Tgt Ion: 41 Resp: 28872
 Ion Ratio Lower Upper
 41 100
 39 63.9 53.2 79.8



#12
 Acrylonitrile
 Concen: 2.941 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.000 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

Tgt Ion: 53 Resp: 11335
 Ion Ratio Lower Upper
 53 100
 52 79.0 64.6 97.0
 51 27.3 30.7 46.1#





#13

Acetone

Concen: 5.702 ug/l

RT: 2.658 min Scan# 410

Delta R.T. 0.010 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

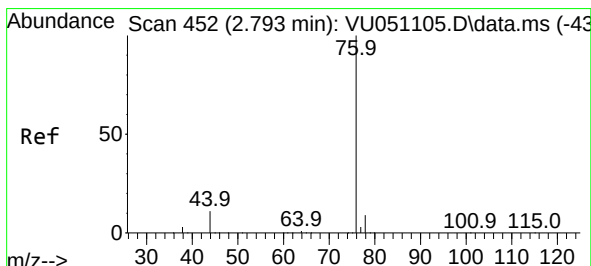
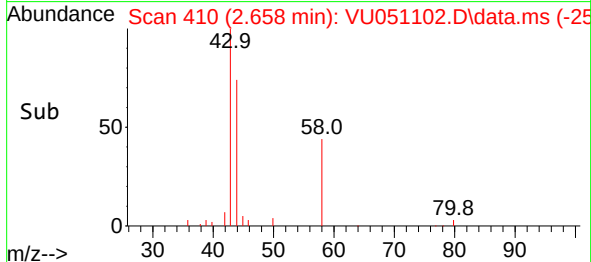
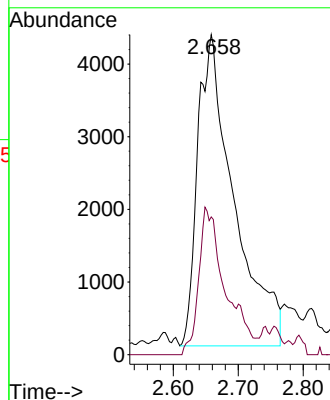
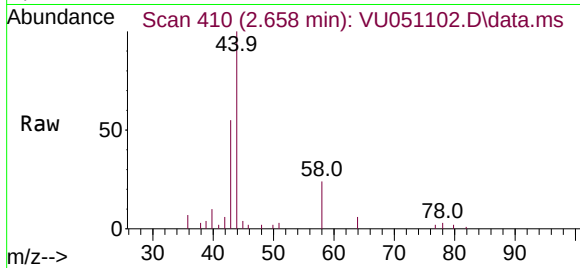
ClientSampleId :

Tgt Ion: 43 Resp: 16610

Ion Ratio Lower Upper

43 100

58 44.3 26.2 39.2#



#14

Carbon Disulfide

Concen: 1.425 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU051102.D

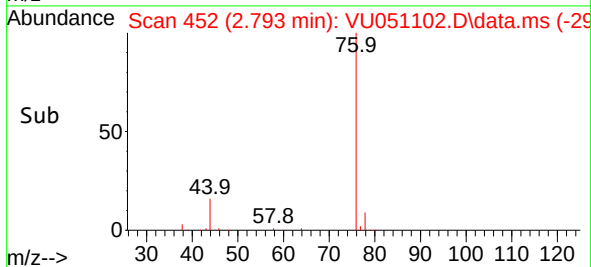
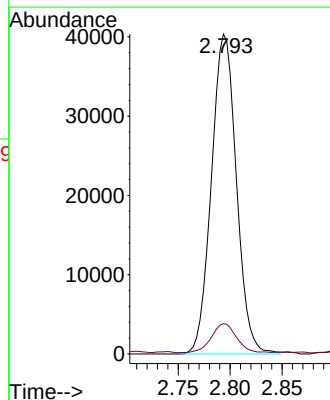
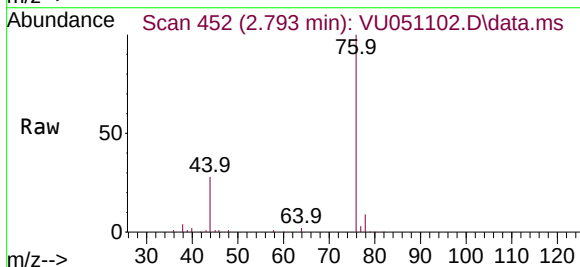
Acq: 04 Oct 2022 11:32

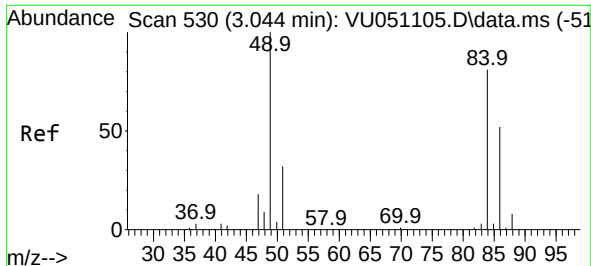
Tgt Ion: 76 Resp: 67526

Ion Ratio Lower Upper

76 100

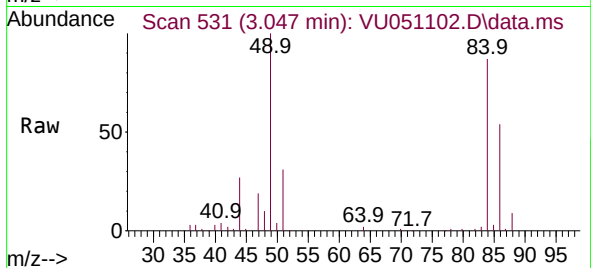
78 9.0 7.4 11.0



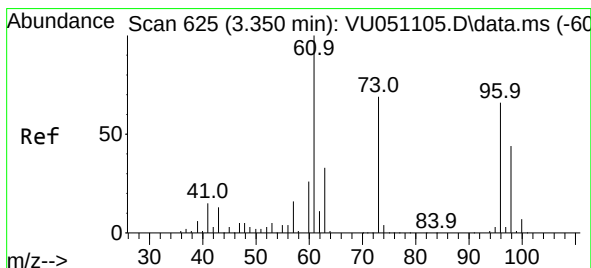
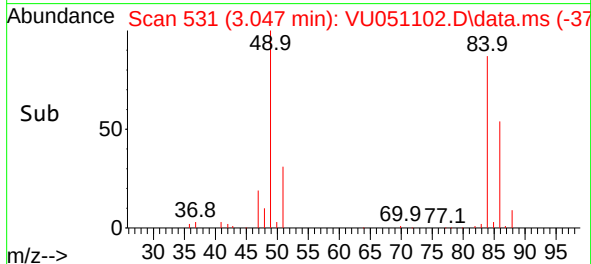
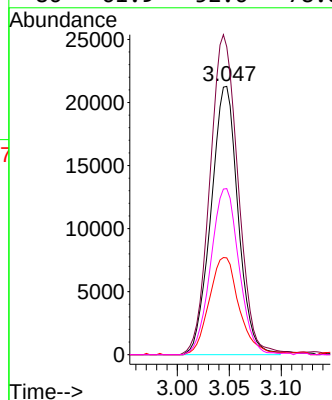


#15
Methylene Chloride
Concen: 2.136 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :

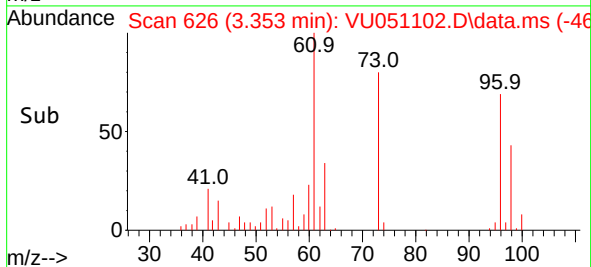
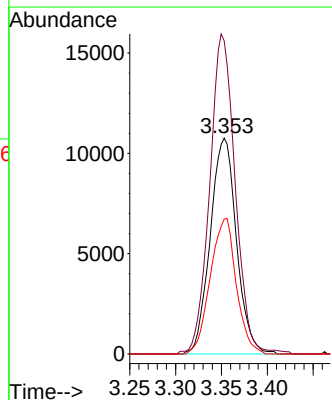
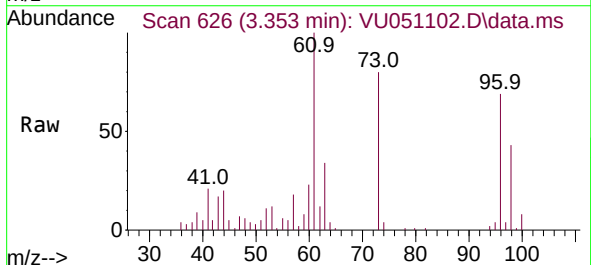


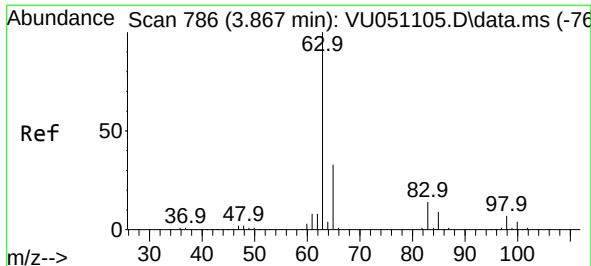
Tgt Ion: 84	Resp: 38608
Ion Ratio	Lower Upper
84 100	
49 114.7	104.6 157.0
51 36.0	0.0 81.4
86 61.9	52.6 78.8



#16
trans-1,2-Dichloroethene
Concen: 1.438 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

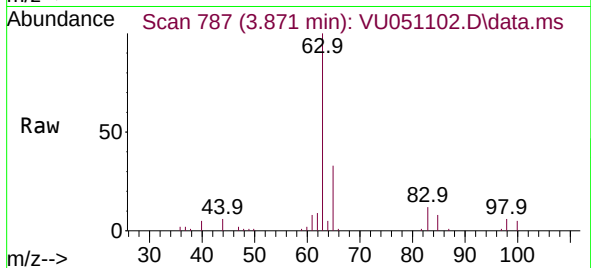
Tgt Ion: 96	Resp: 21440
Ion Ratio	Lower Upper
96 100	
61 143.9	123.4 185.0
98 62.5	51.6 77.4



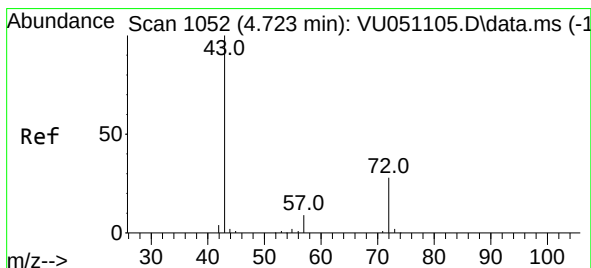
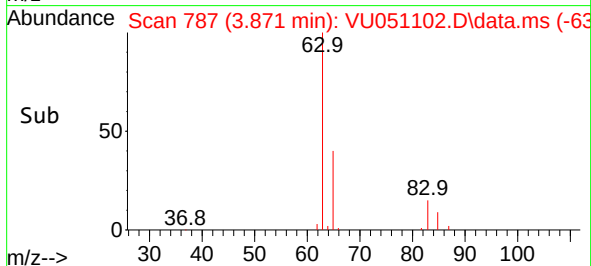
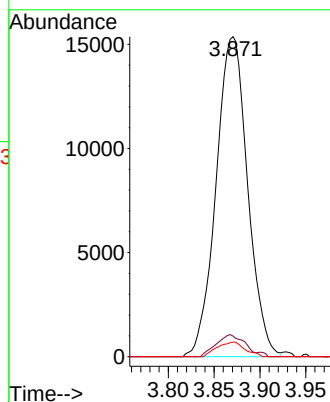


#17
1,1-Dichloroethane
Concen: 1.227 ug/l
RT: 3.871 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :

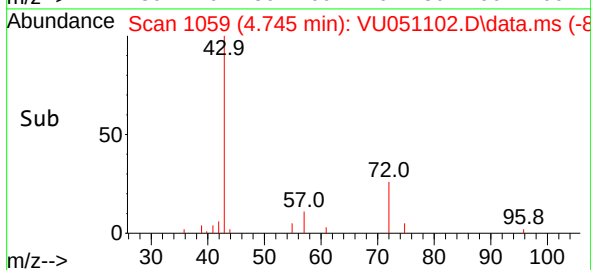
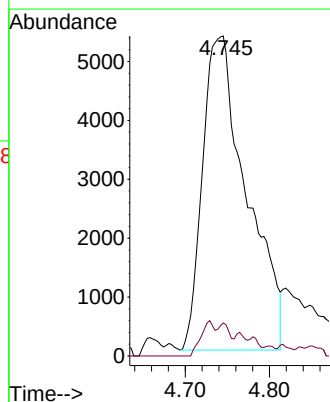
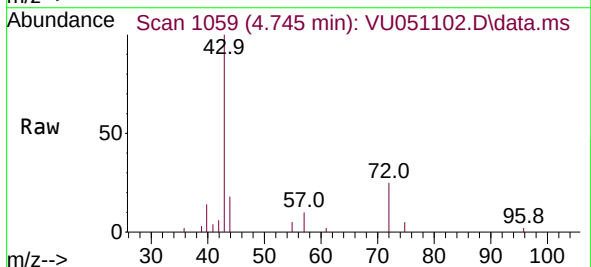


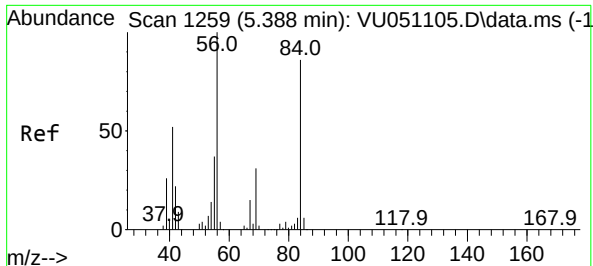
Tgt Ion: 63 Resp: 36837
Ion Ratio Lower Upper
63 100
98 6.4 3.4 10.2
100 4.5 2.0 6.0



#18
2-Butanone
Concen: 3.982 ug/l
RT: 4.745 min Scan# 1059
Delta R.T. 0.023 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 43 Resp: 19380
Ion Ratio Lower Upper
43 100
57 10.5 0.0 18.0





#19

Cyclohexane

Concen: 0.698 ug/l

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

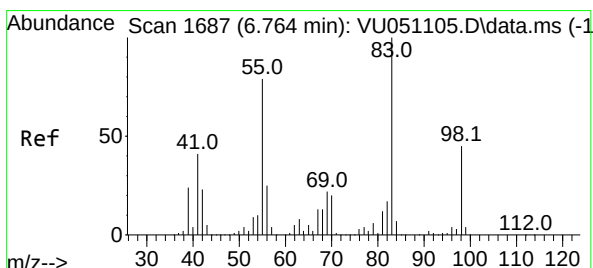
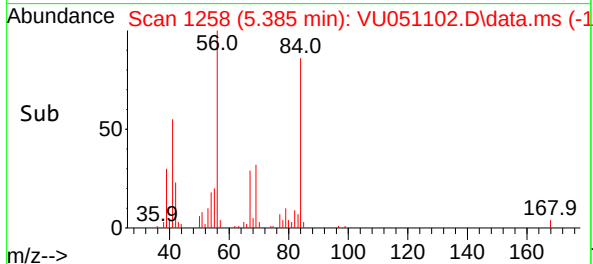
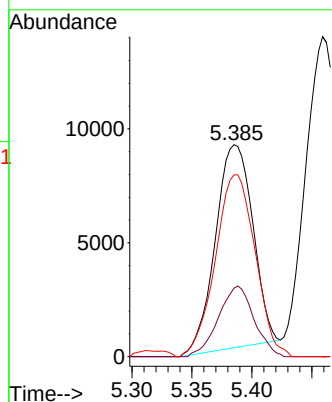
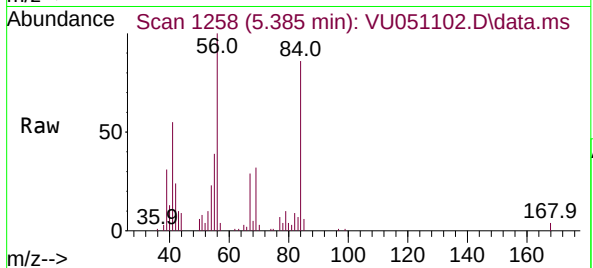
Tgt Ion: 56 Resp: 19388

Ion Ratio Lower Upper

56 100

69 33.0 24.2 36.4

84 95.1 63.4 95.2



#20

Methylcyclohexane

Concen: 0.720 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

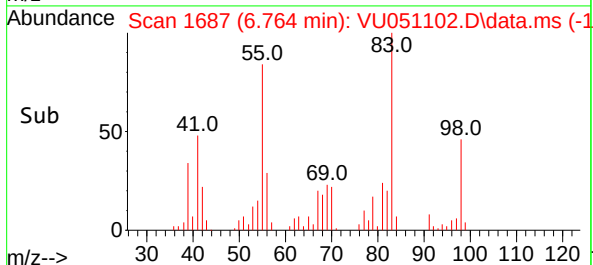
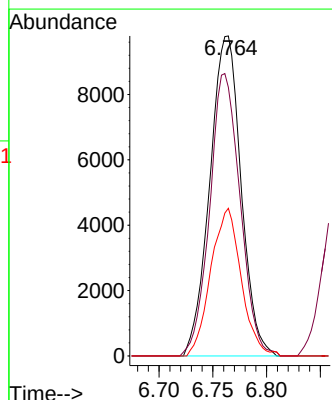
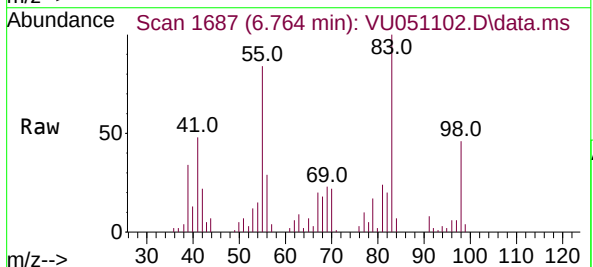
Tgt Ion: 83 Resp: 19776

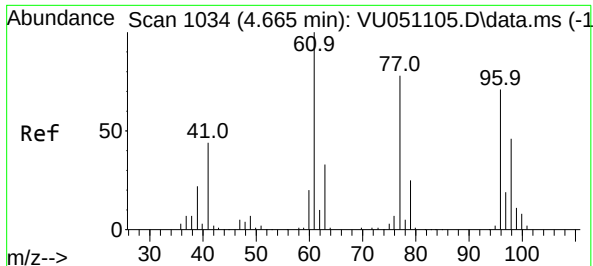
Ion Ratio Lower Upper

83 100

55 85.9 63.0 94.4

98 44.9 35.7 53.5





#21

2,2-Dichloropropane

Concen: 1.039 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

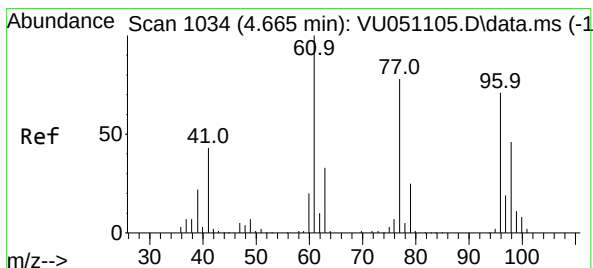
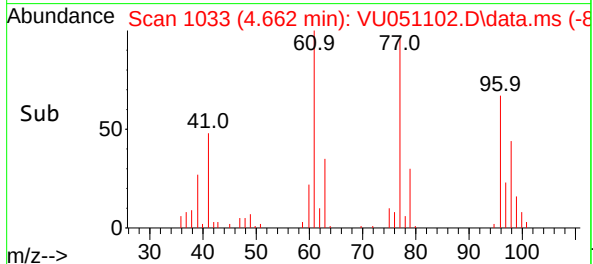
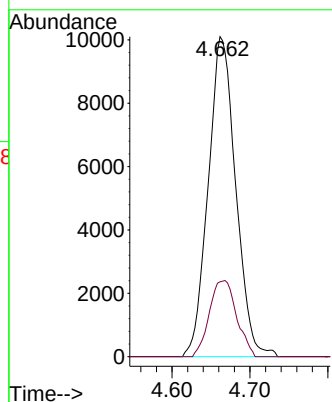
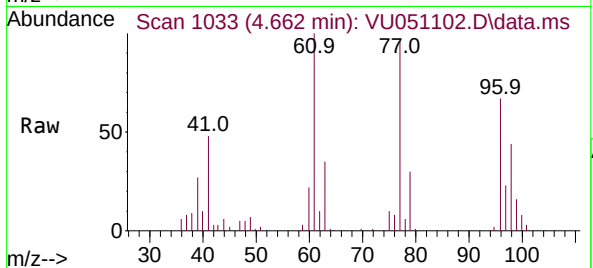
ClientSampleId :

Tgt Ion: 77 Resp: 24764

Ion Ratio Lower Upper

77 100

97 23.5 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 1.067 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

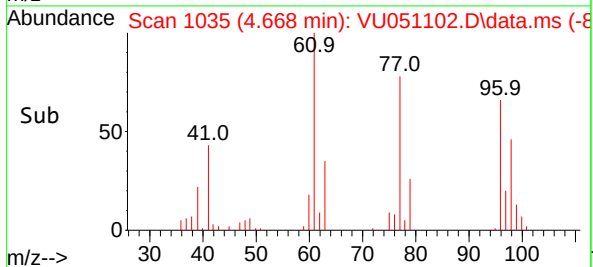
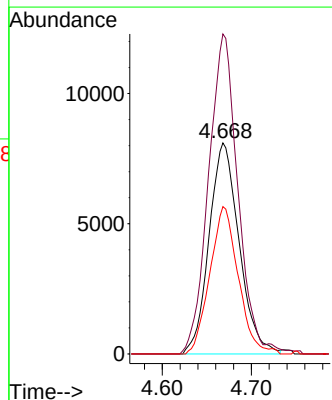
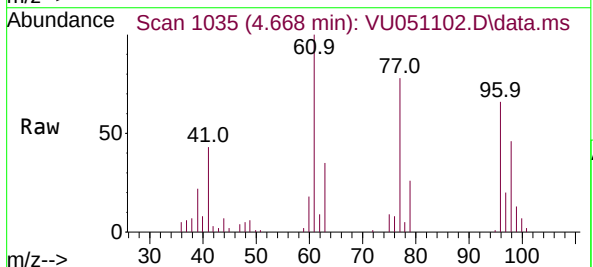
Tgt Ion: 96 Resp: 18979

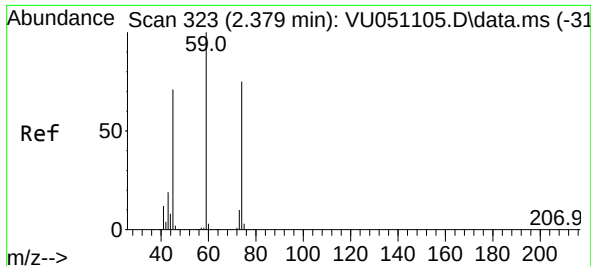
Ion Ratio Lower Upper

96 100

61 146.1 0.0 375.8

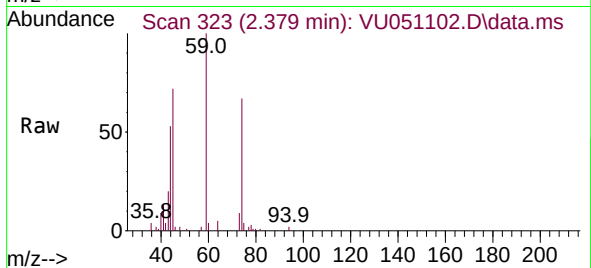
98 66.1 31.6 95.0





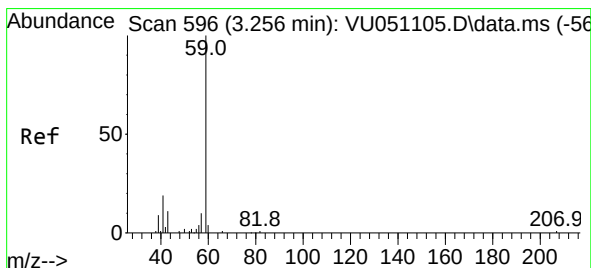
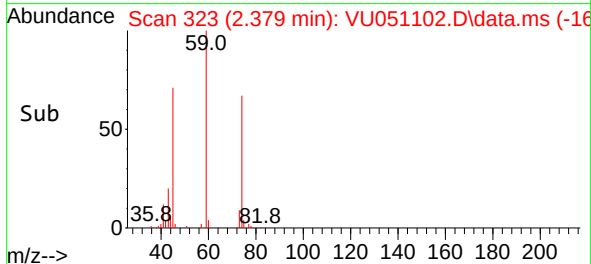
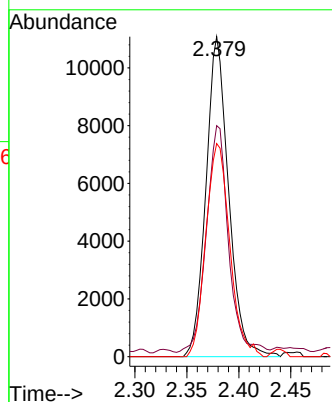
#23
Diethyl Ether
Concen: 1.386 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 59 Resp: 16773

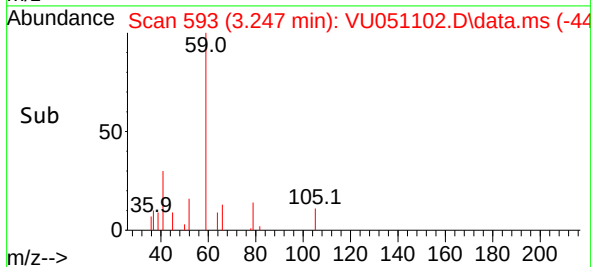
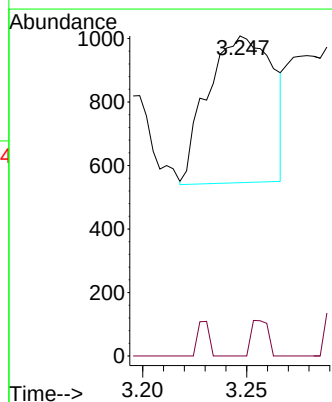
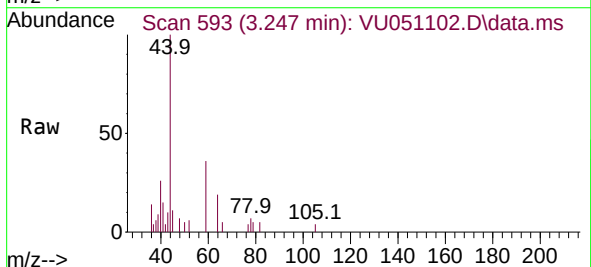
Ion	Ratio	Lower	Upper
59	100		
45	68.6	56.0	84.0
74	70.3	57.6	86.4

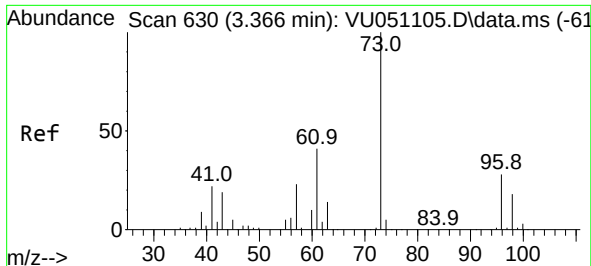


#24
tert-Butyl Alcohol
Concen: 0.819 ug/l
RT: 3.247 min Scan# 593
Delta R.T. -0.010 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 59 Resp: 1004

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2

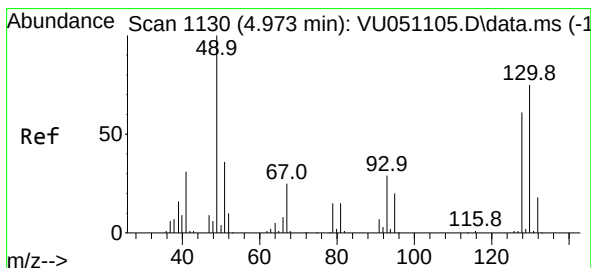
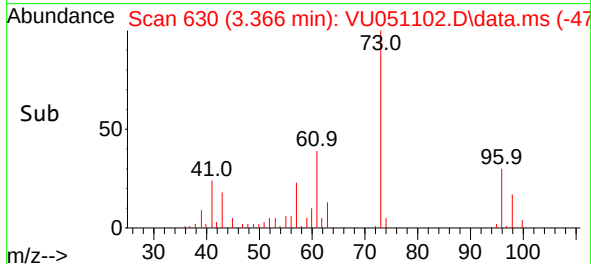
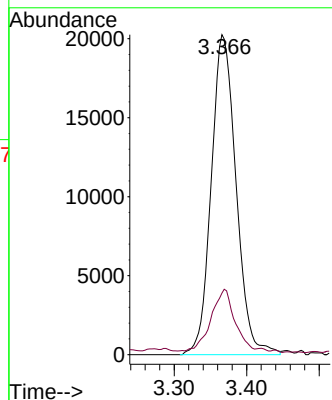
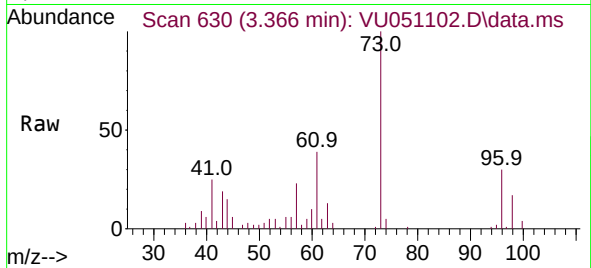




#25
Methyl tert-Butyl Ether
Concen: 1.237 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

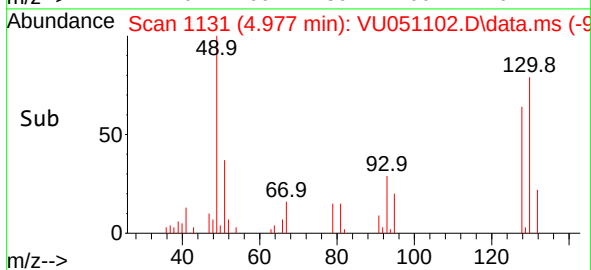
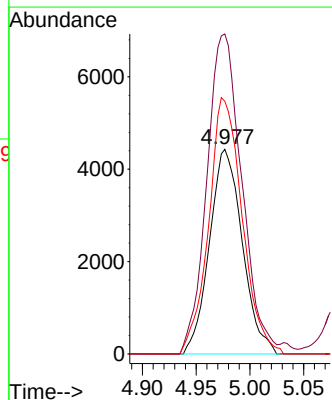
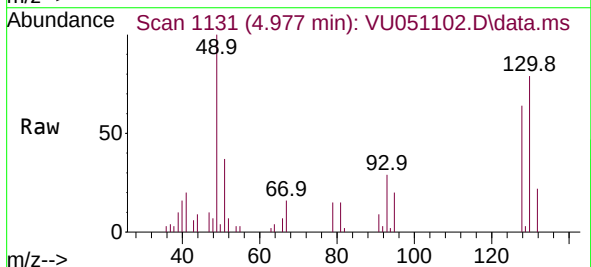
Instrument :
MSVOA_U
ClientSampleId :

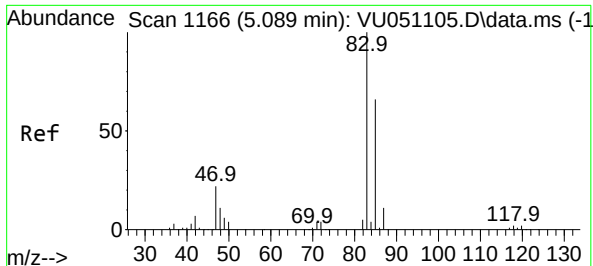
Tgt Ion: 73 Resp: 48218
Ion Ratio Lower Upper
73 100
43 18.0 15.9 23.9



#26
Bromochloromethane
Concen: 1.233 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 128 Resp: 9405
Ion Ratio Lower Upper
128 100
49 166.4 0.0 349.2
130 127.7 103.0 154.6





#27

Chloroform

Concen: 1.225 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

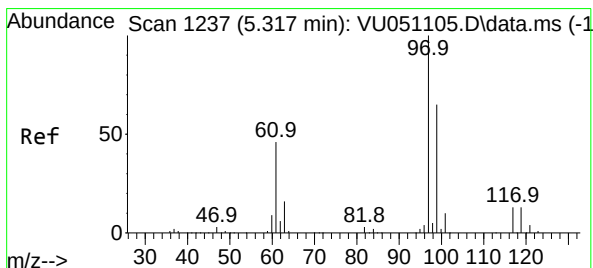
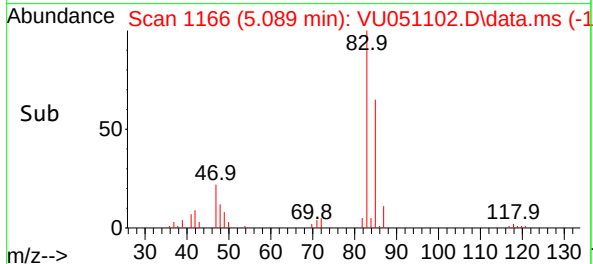
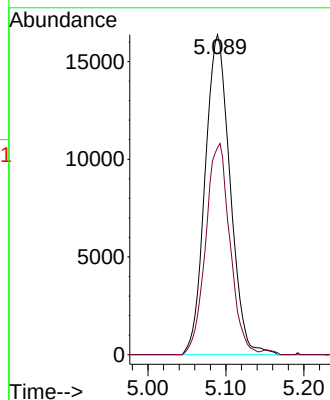
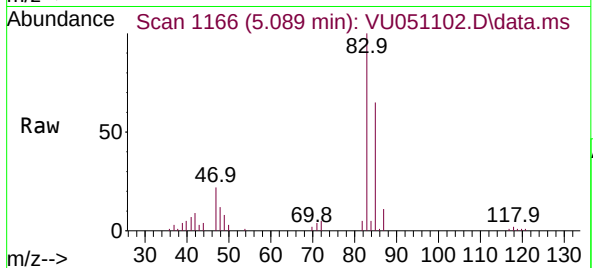
ClientSampleId :

Tgt Ion: 83 Resp: 36461

Ion Ratio Lower Upper

83 100

85 64.6 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 1.104 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

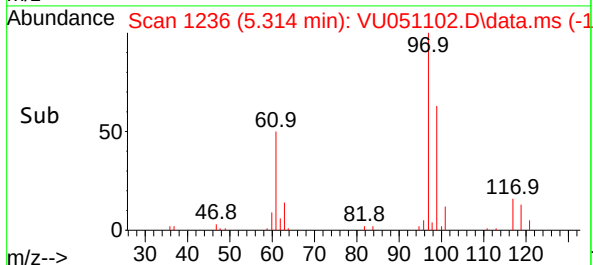
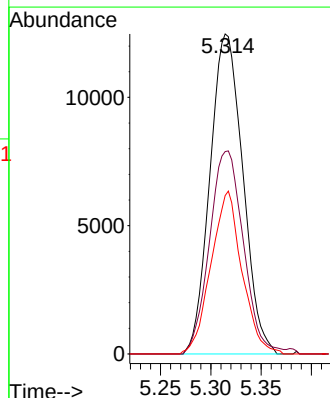
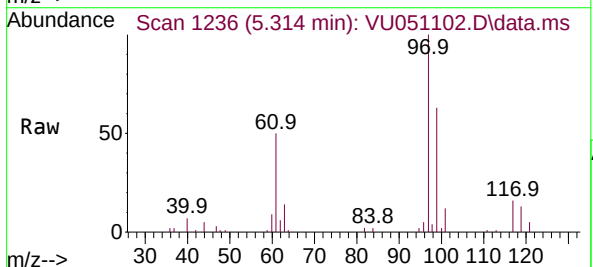
Tgt Ion: 97 Resp: 28388

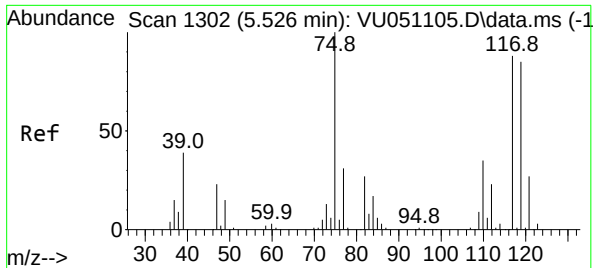
Ion Ratio Lower Upper

97 100

99 65.4 32.1 96.5

61 48.0 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.922 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

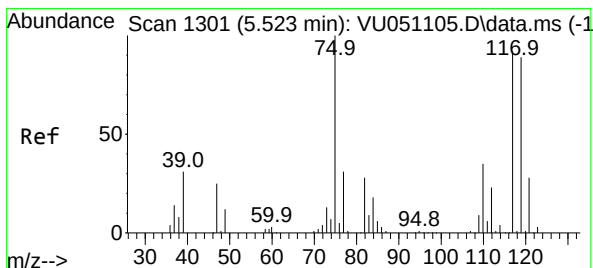
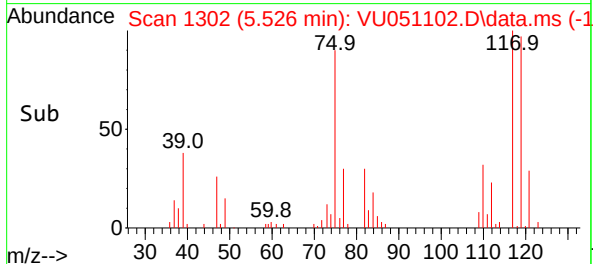
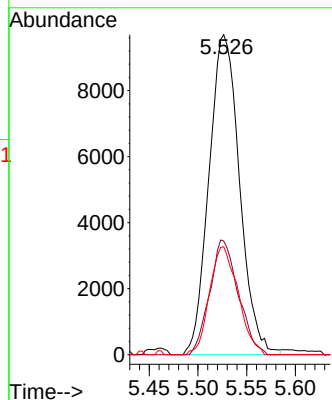
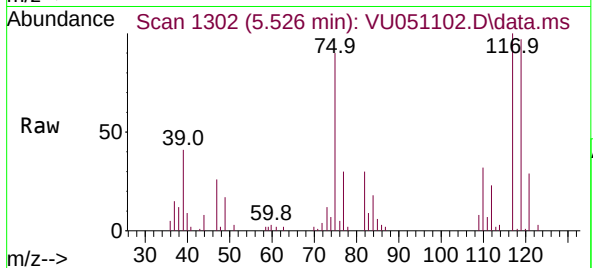
Tgt Ion: 75 Resp: 21160

Ion Ratio Lower Upper

75 100

110 33.4 17.3 52.0

77 31.6 24.6 37.0



#30

Carbon Tetrachloride

Concen: 1.123 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

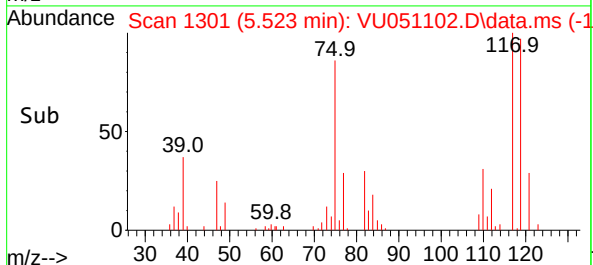
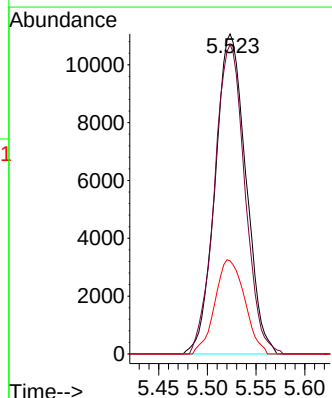
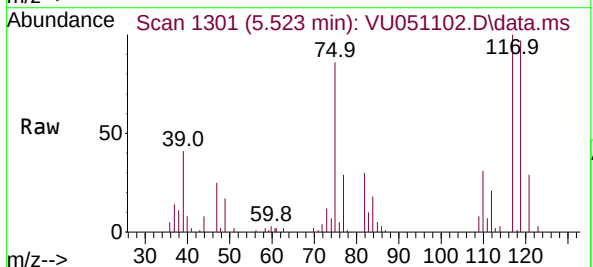
Tgt Ion: 117 Resp: 24251

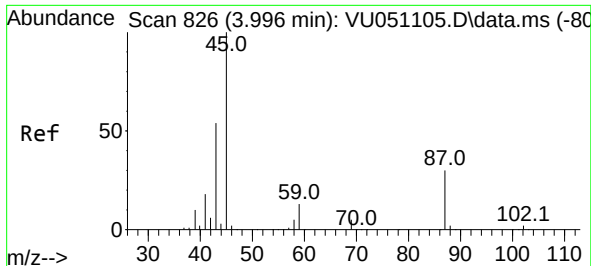
Ion Ratio Lower Upper

117 100

119 96.7 74.6 112.0

121 29.1 24.2 36.4

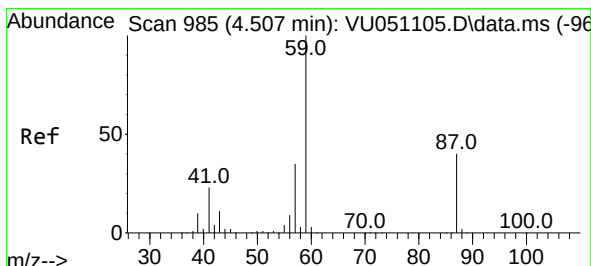
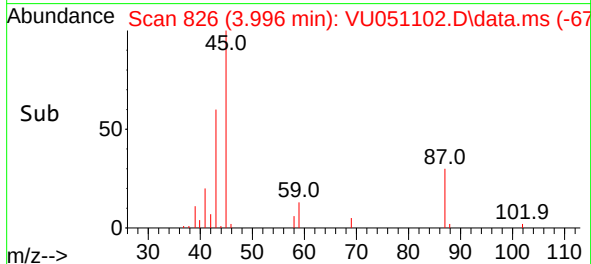
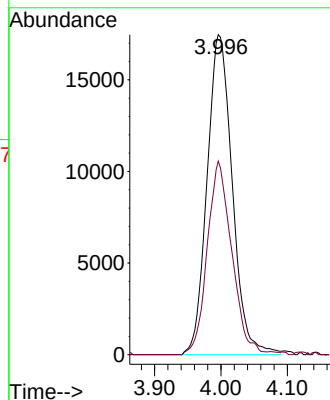
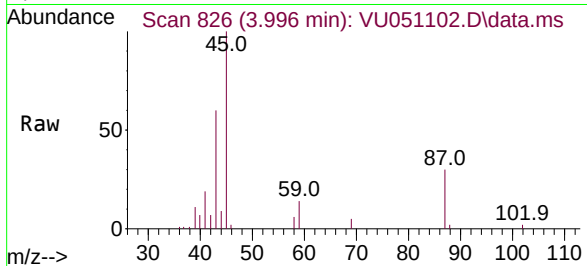




#31
Isopropyl Ether
Concen: 0.931 ug/l
RT: 3.996 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

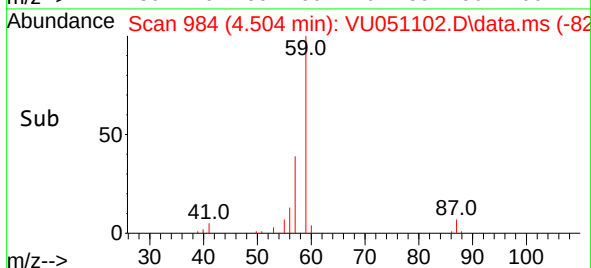
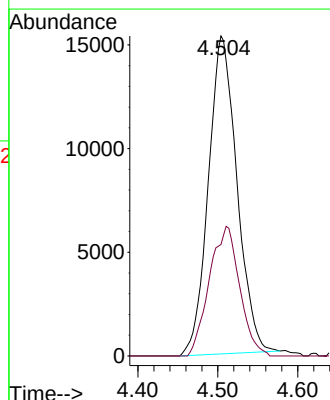
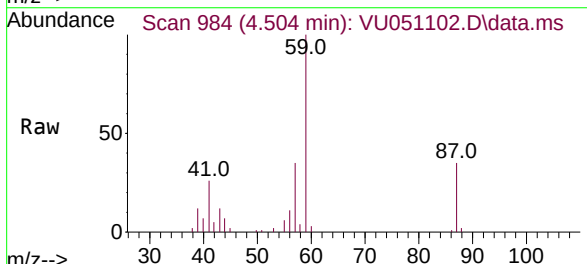
Instrument :
MSVOA_U
ClientSampleId :

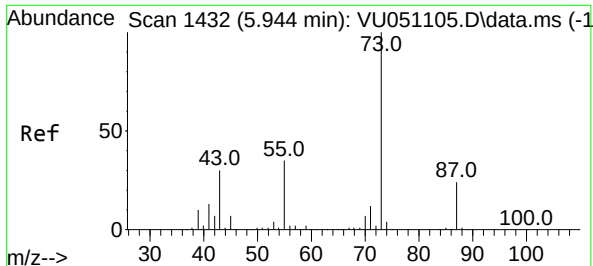
Tgt Ion: 45 Resp: 46210
Ion Ratio Lower Upper
45 100
43 58.6 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.816 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 59 Resp: 38049
Ion Ratio Lower Upper
59 100
87 43.2 32.5 48.7

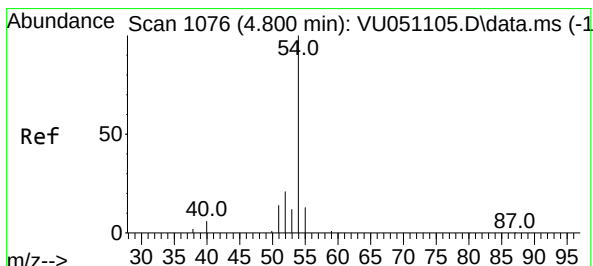
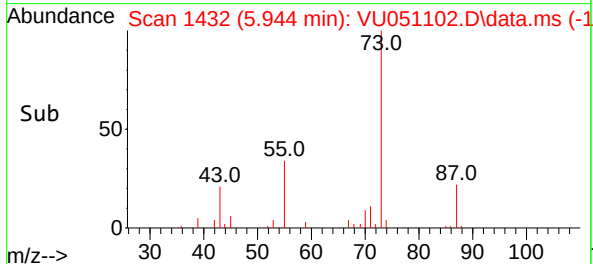
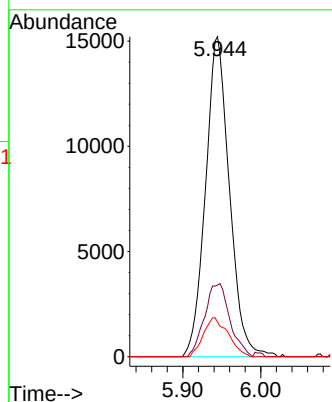
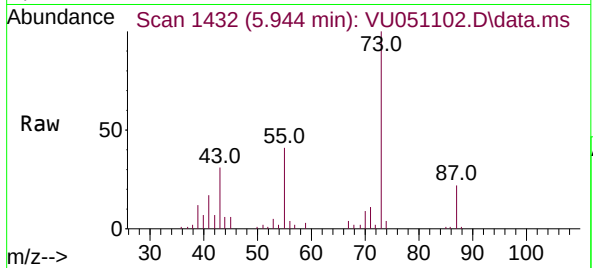




#33
Tert-Amyl methyl ether
Concen: 0.789 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

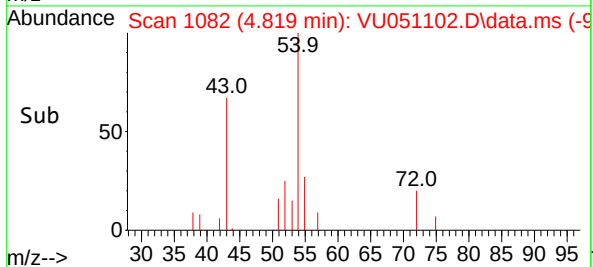
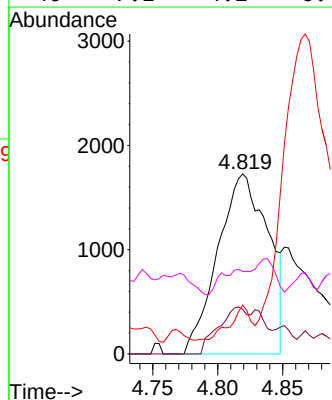
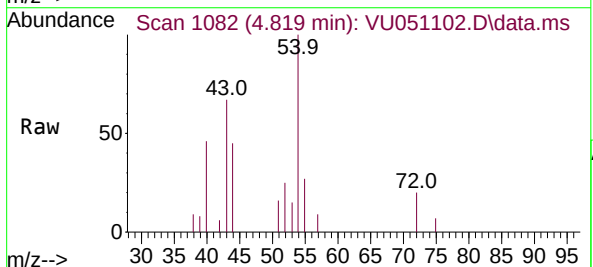
Instrument :
MSVOA_U
ClientSampleId :

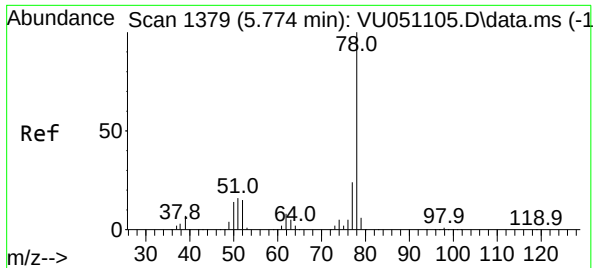
Tgt Ion: 73 Resp: 32380
Ion Ratio Lower Upper
73 100
87 24.1 19.7 29.5
71 12.6 9.0 13.4



#34
Propionitrile
Concen: 3.324 ug/l
RT: 4.819 min Scan# 1082
Delta R.T. 0.019 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 54 Resp: 4663
Ion Ratio Lower Upper
54 100
52 14.5 15.0 22.6#
55 7.5 12.6 19.0#
40 7.1 4.2 6.4#

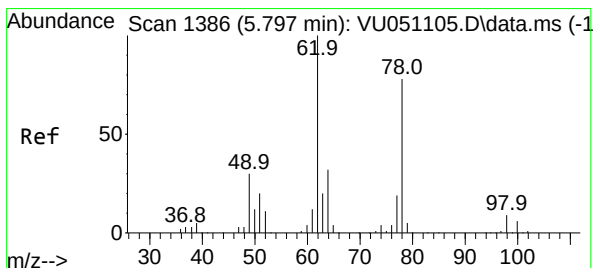
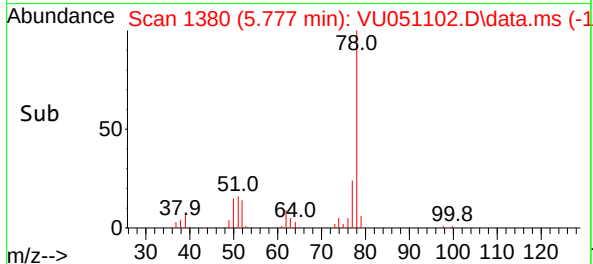
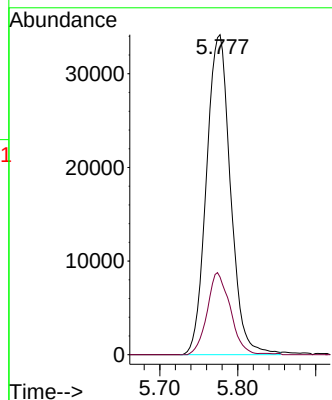
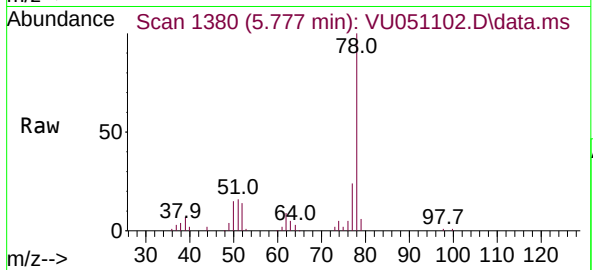




#35
Benzene
Concen: 1.105 ug/l
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

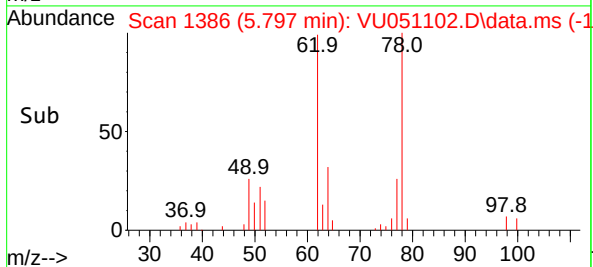
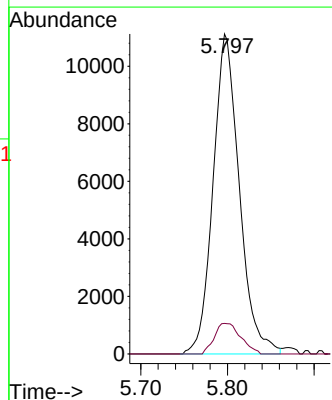
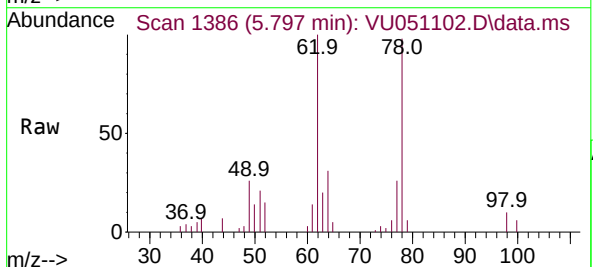
Instrument :
MSVOA_U
ClientSampleId :

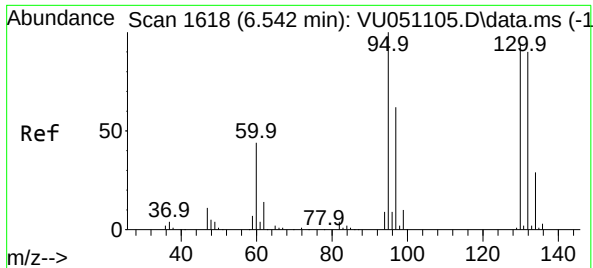
Tgt Ion: 78 Resp: 73325
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0



#36
1,2-Dichloroethane
Concen: 1.222 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 62 Resp: 23394
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0

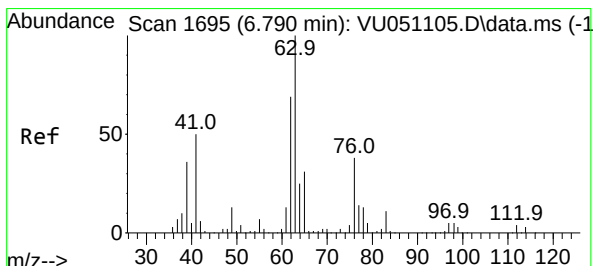
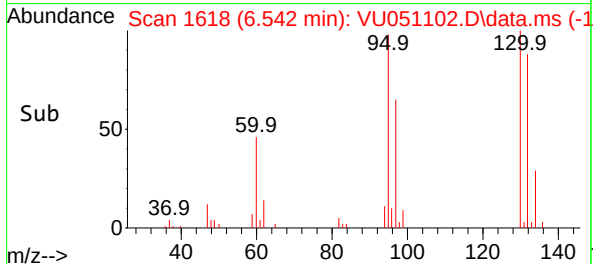
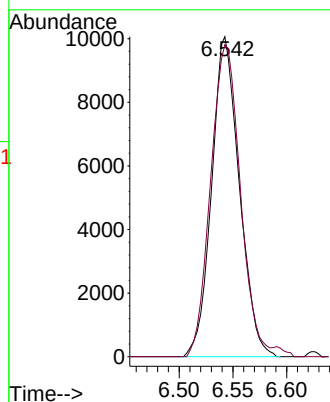
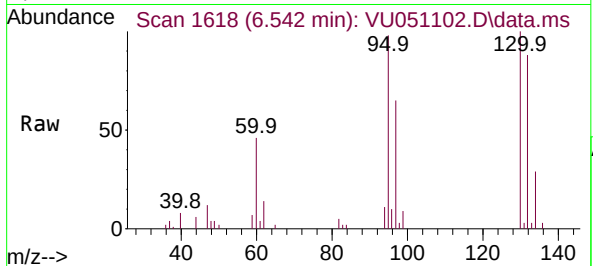




#37
Trichloroethene
Concen: 1.083 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

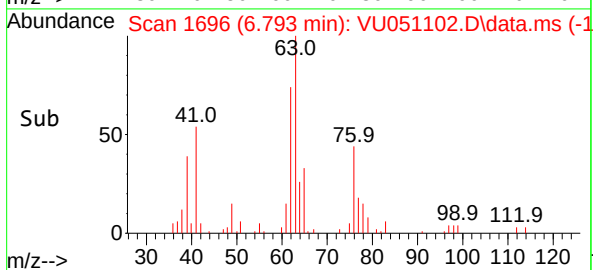
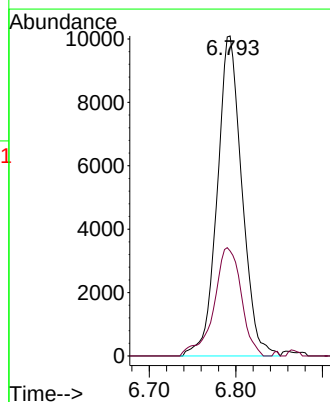
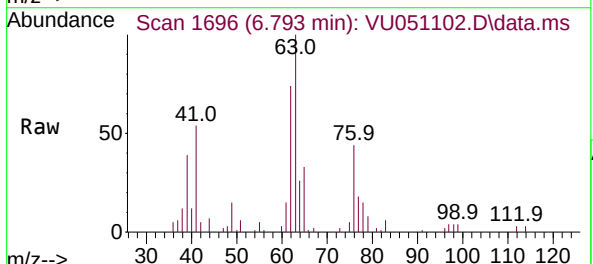
Instrument :
MSVOA_U
ClientSampleId :

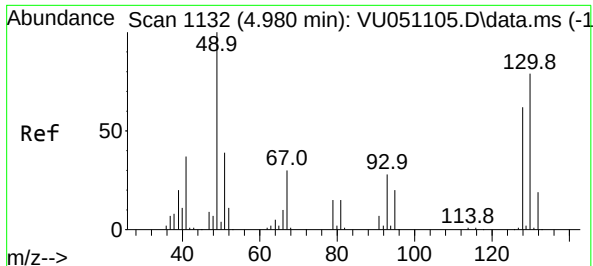
Tgt Ion:130 Resp: 18027
Ion Ratio Lower Upper
130 100
95 97.5 83.8 125.8



#38
1,2-Dichloropropane
Concen: 1.127 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 63 Resp: 19982
Ion Ratio Lower Upper
63 100
65 32.8 25.0 37.4





#39

Methacrylonitrile

Concen: 0.813 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. 0.013 min

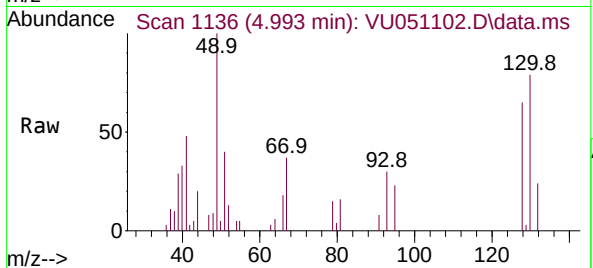
Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 4826

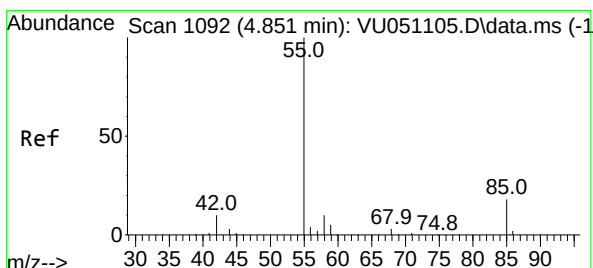
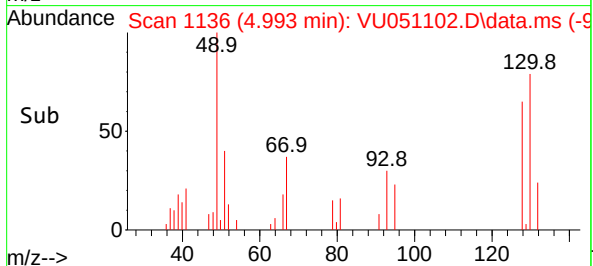
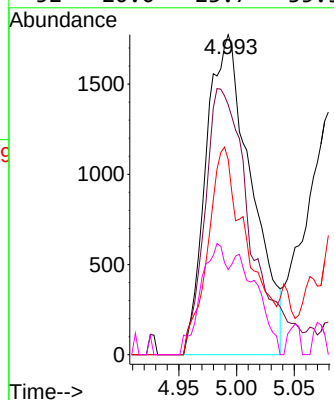
Ion Ratio Lower Upper

41 100

67 84.2 59.4 89.0

39 57.7 42.2 63.2

52 20.0 23.7 35.5#



#40

Methyl acrylate

Concen: 0.734 ug/l

RT: 4.867 min Scan# 1097

Delta R.T. 0.016 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Tgt Ion: 55 Resp: 6834

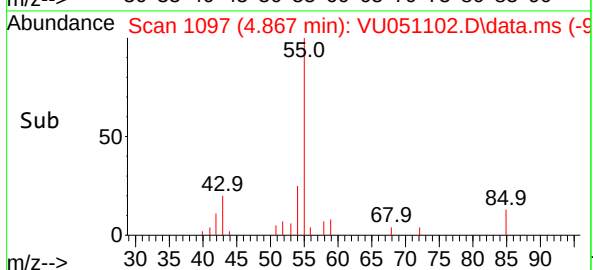
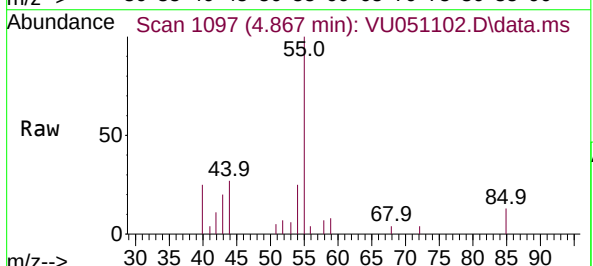
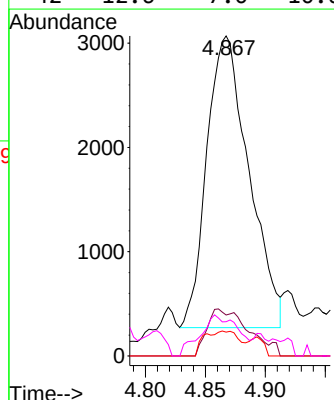
Ion Ratio Lower Upper

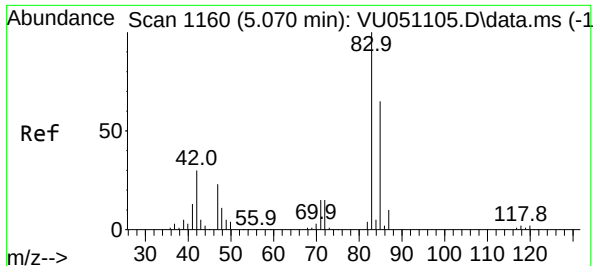
55 100

85 16.0 13.5 20.3

58 2.1 7.0 10.4#

42 12.6 7.0 10.6#





#41

Tetrahydrofuran

Concen: 1.550 ug/l

RT: 5.076 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VU051102.D

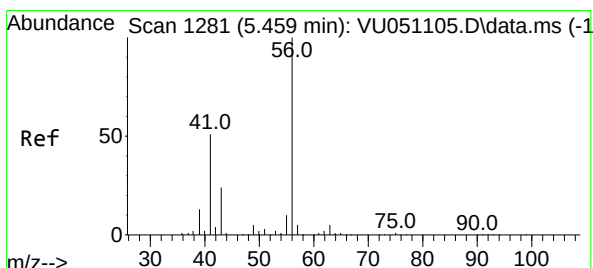
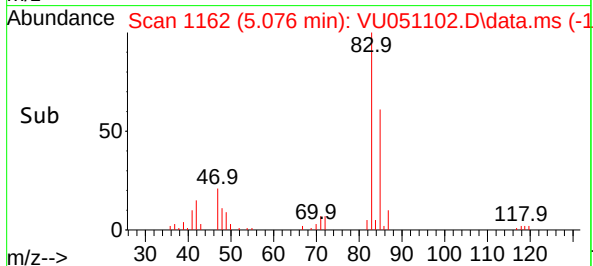
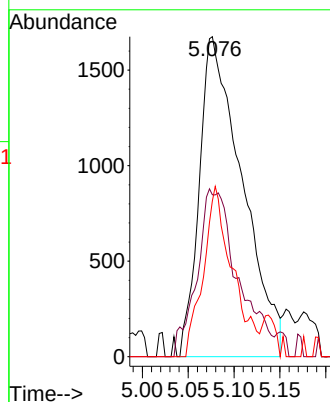
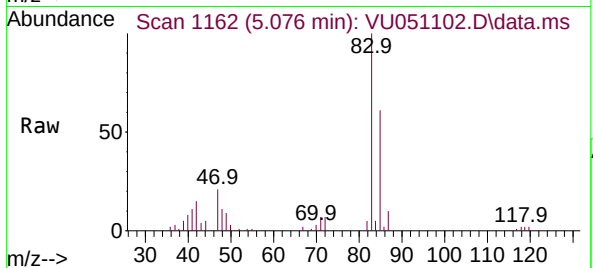
Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	5443
Ion	Ratio	Lower	Upper
42	100		
72	50.2	38.9	58.3
71	36.3	33.7	50.5



#42

1-Chlorobutane

Concen: 0.923 ug/l

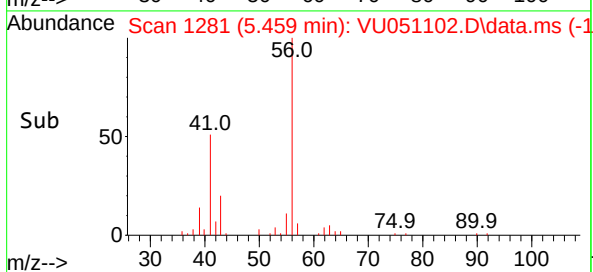
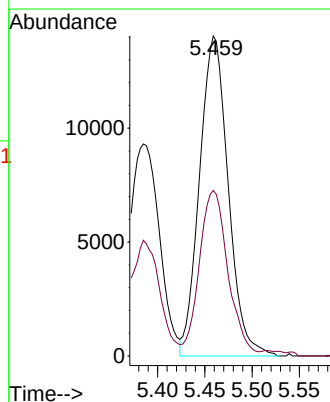
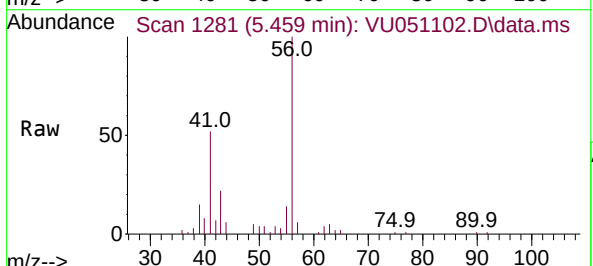
RT: 5.459 min Scan# 1281

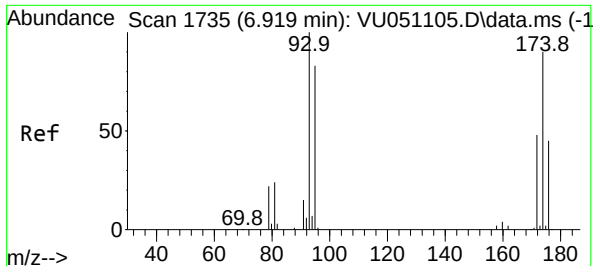
Delta R.T. 0.000 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Tgt Ion:	56	Resp:	29649
Ion	Ratio	Lower	Upper
56	100		
41	49.5	26.4	79.2





#43

Dibromomethane

Concen: 1.206 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

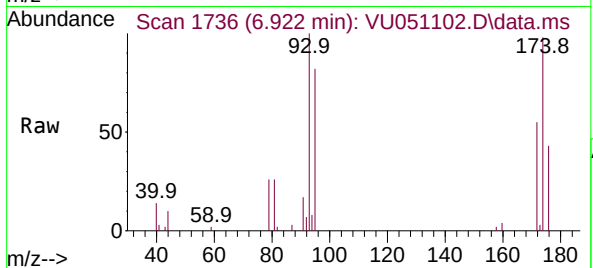
Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :



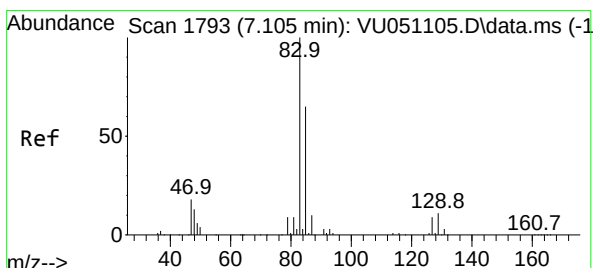
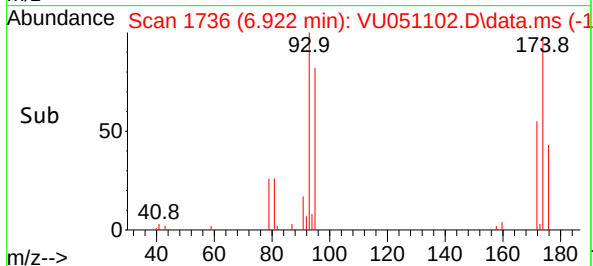
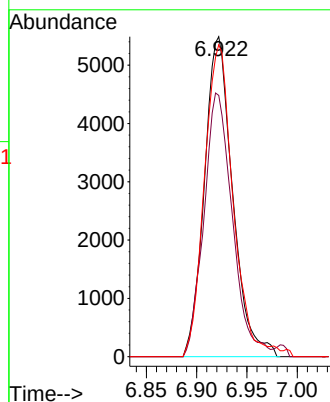
Tgt Ion: 93 Resp: 10723

Ion Ratio Lower Upper

93 100

95 83.1 65.0 97.6

174 99.7 76.3 114.5



#44

Bromodichloromethane

Concen: 1.213 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

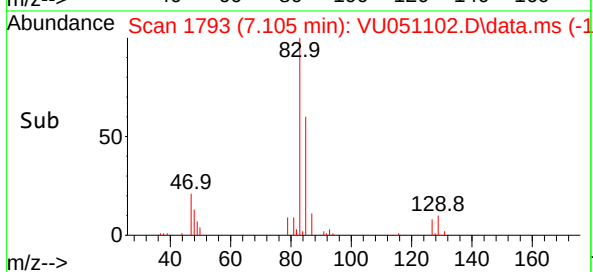
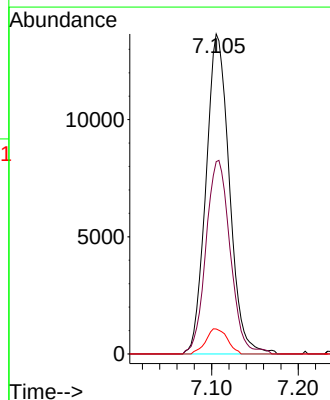
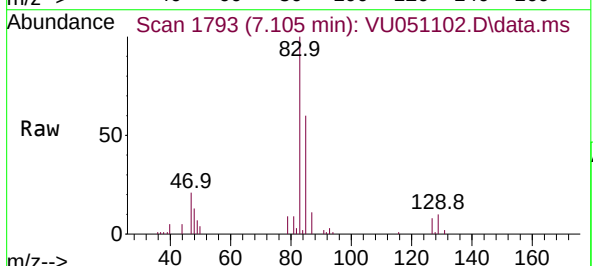
Tgt Ion: 83 Resp: 25613

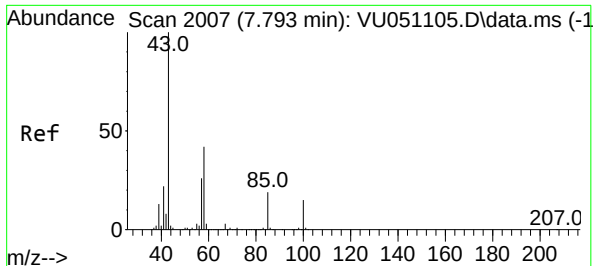
Ion Ratio Lower Upper

83 100

85 60.1 49.4 74.0

127 7.8 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 4.391 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

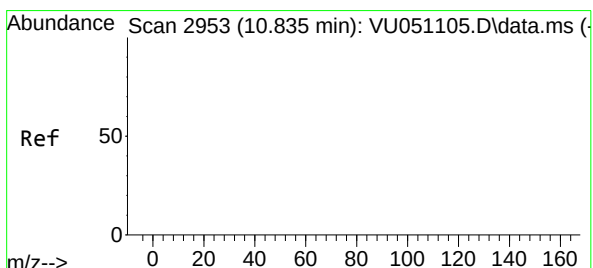
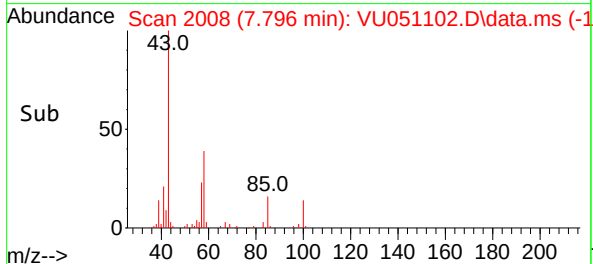
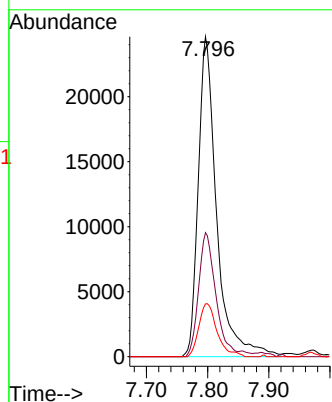
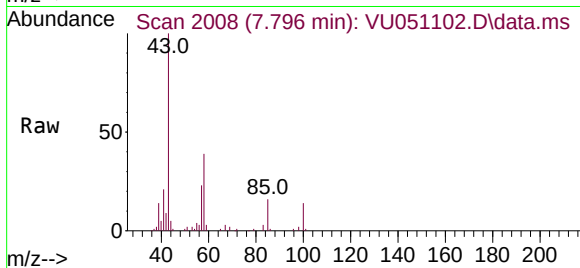
Tgt Ion: 43 Resp: 51309

Ion Ratio Lower Upper

43 100

58 36.2 20.3 61.0

85 16.5 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 5.436 ug/l

RT: 10.828 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Tgt Ion: 75 Resp: 20561

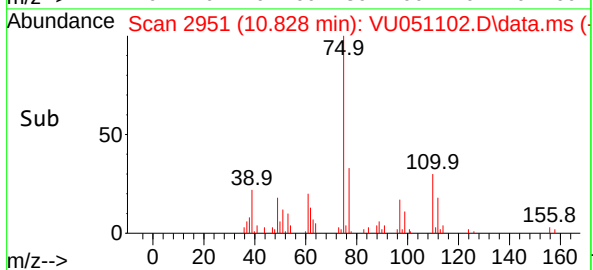
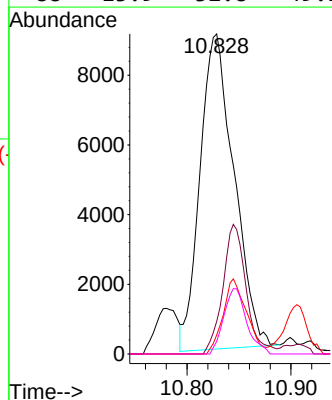
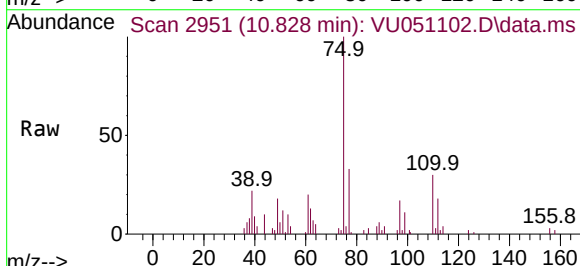
Ion Ratio Lower Upper

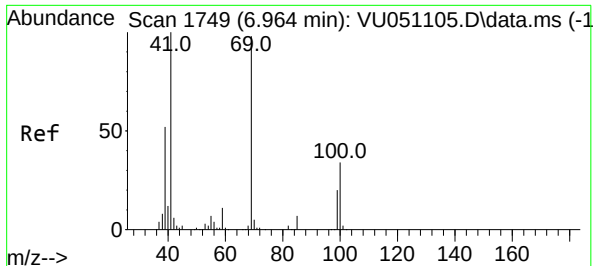
75 100

53 28.2 64.4 96.6#

89 16.6 44.2 66.2#

88 13.9 32.8 49.2#





#47

Methyl methacrylate

Concen: 1.732 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

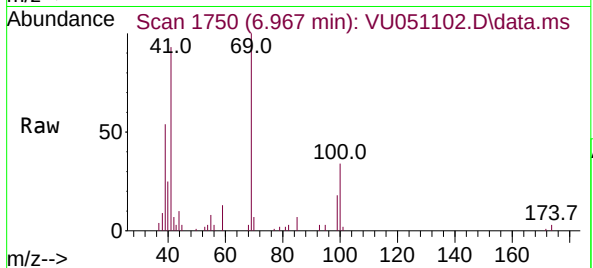
Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 15199

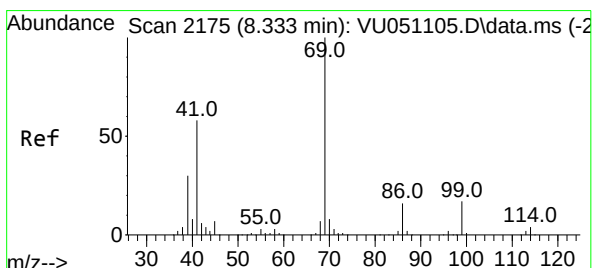
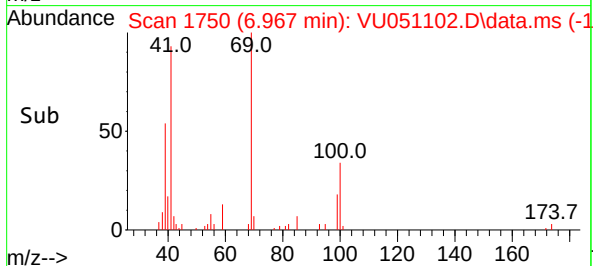
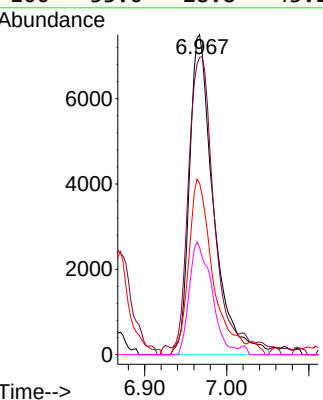
Ion Ratio Lower Upper

69 100

41 94.5 0.0 225.4

39 55.3 45.8 68.8

100 33.0 28.8 43.2



#48

Ethyl methacrylate

Concen: 0.715 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU051102.D

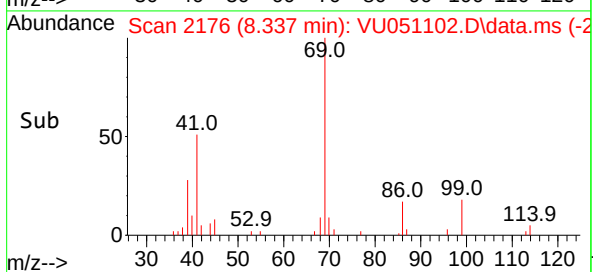
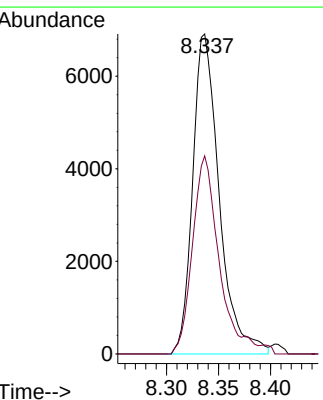
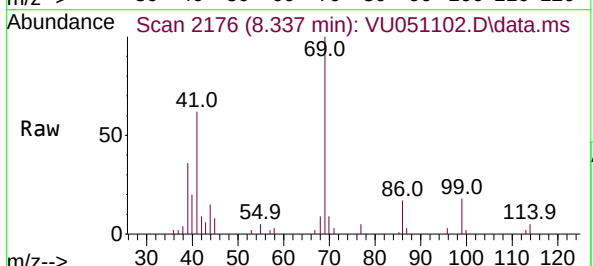
Acq: 04 Oct 2022 11:32

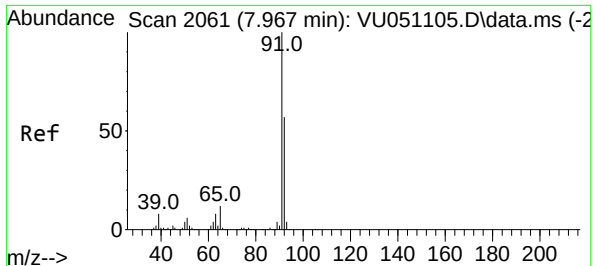
Tgt Ion: 69 Resp: 12274

Ion Ratio Lower Upper

69 100

41 62.9 32.3 96.9





#49

Toluene

Concen: 0.898 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

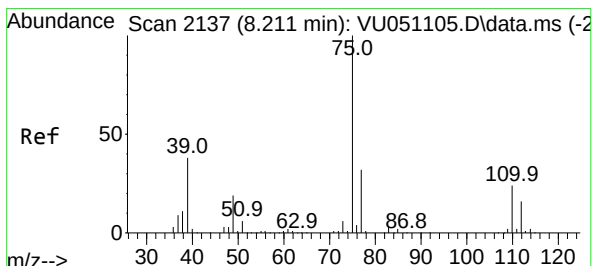
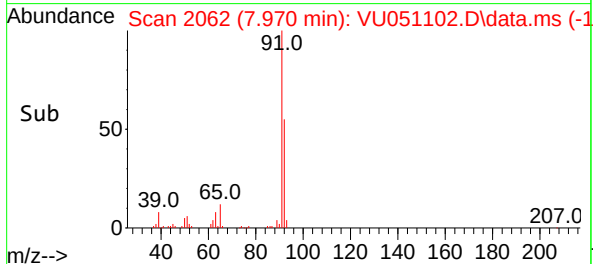
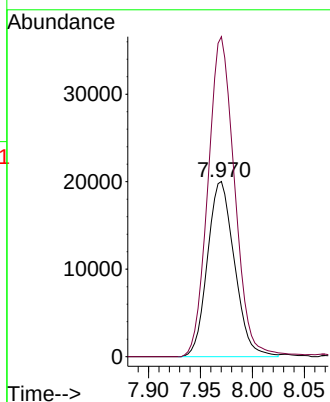
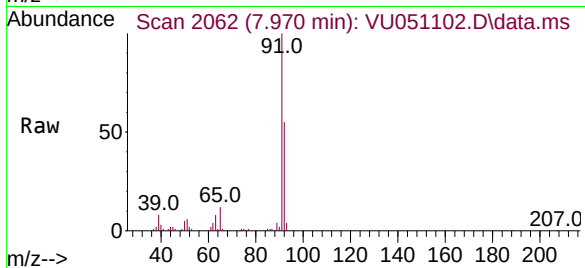
ClientSampleId :

Tgt Ion: 92 Resp: 36181

Ion Ratio Lower Upper

92 100

91 181.3 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.937 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU051102.D

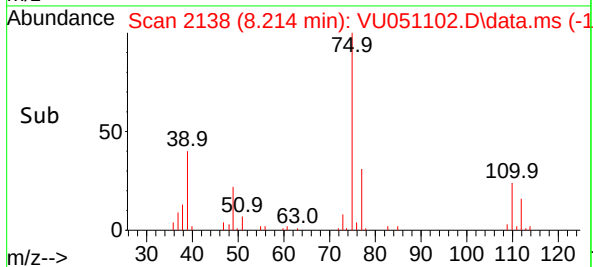
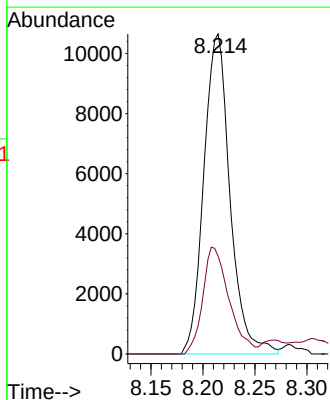
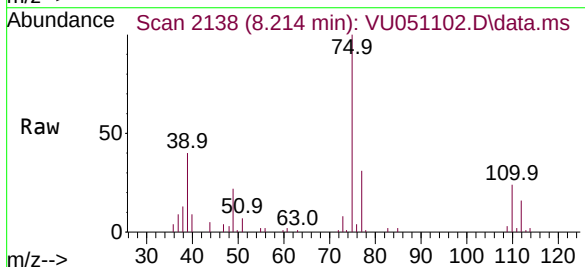
Acq: 04 Oct 2022 11:32

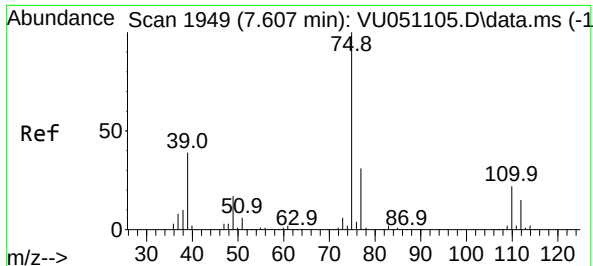
Tgt Ion: 75 Resp: 18696

Ion Ratio Lower Upper

75 100

77 30.6 24.7 37.1

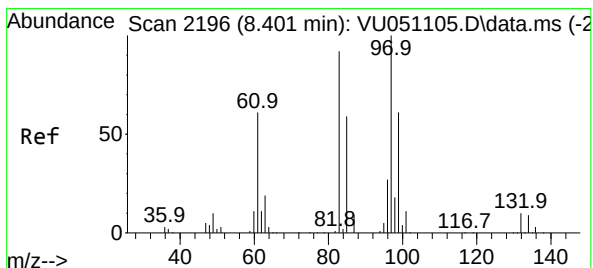
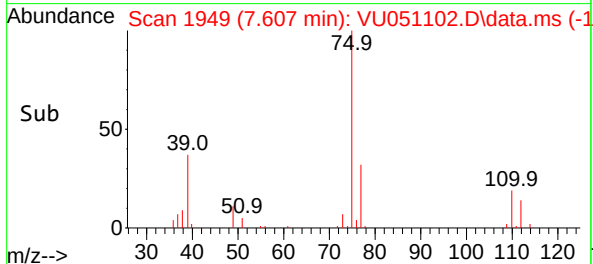
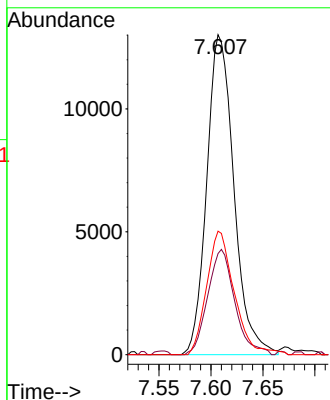
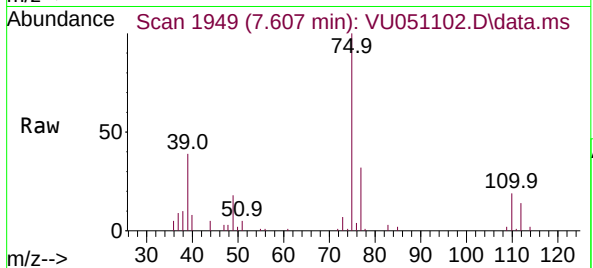




#51
 cis-1,3-Dichloropropene
 Concen: 1.006 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

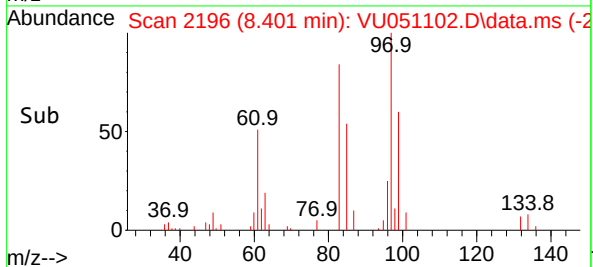
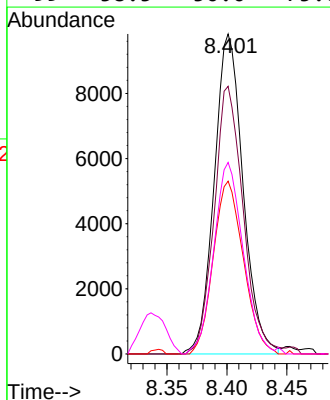
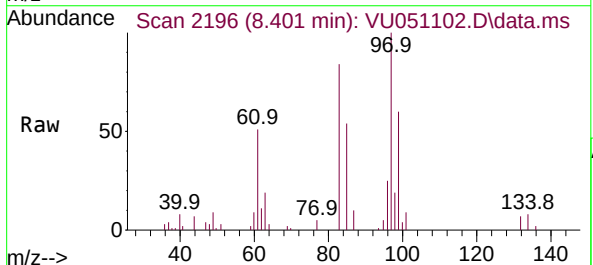
Instrument :
 MSVOA_U
 ClientSampleId :

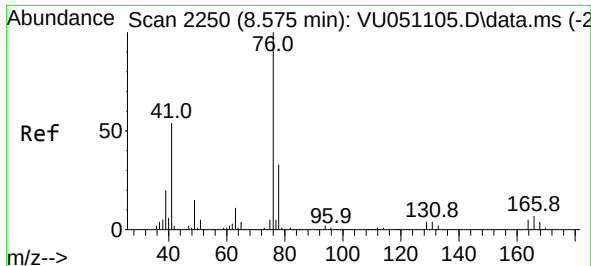
Tgt Ion: 75 Resp: 23646
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 38.6 35.1 52.7



#52
 1,1,2-Trichloroethane
 Concen: 1.332 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

Tgt Ion: 97 Resp: 16423
 Ion Ratio Lower Upper
 97 100
 83 83.6 70.6 106.0
 85 54.0 46.2 69.4
 99 58.5 50.0 75.0





#53

1,3-Dichloropropane

Concen: 1.105 ug/l

RT: 8.578 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

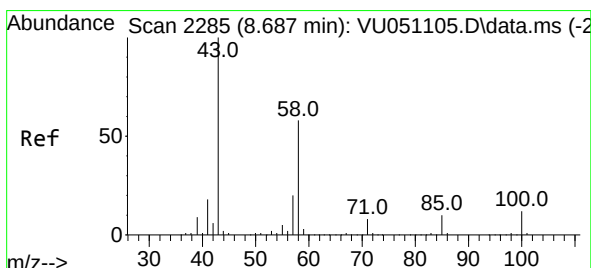
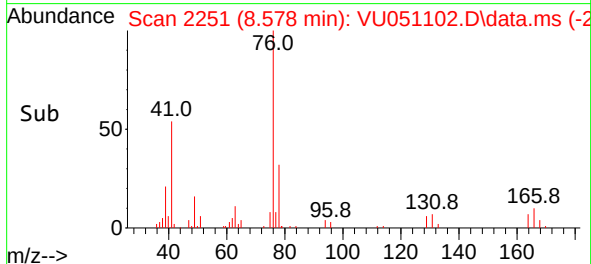
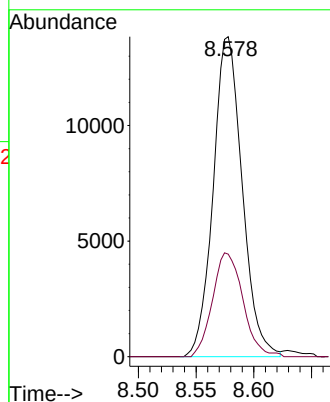
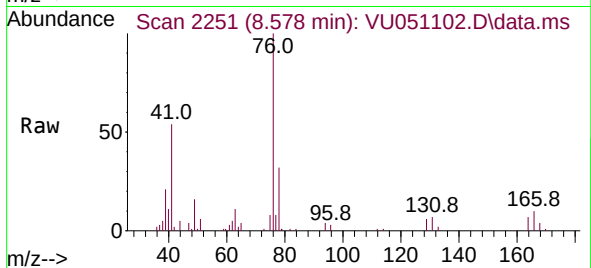
ClientSampleId :

Tgt Ion: 76 Resp: 24187

Ion Ratio Lower Upper

76 100

78 34.0 26.0 39.0



#54

2-Hexanone

Concen: 4.139 ug/l

RT: 8.694 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

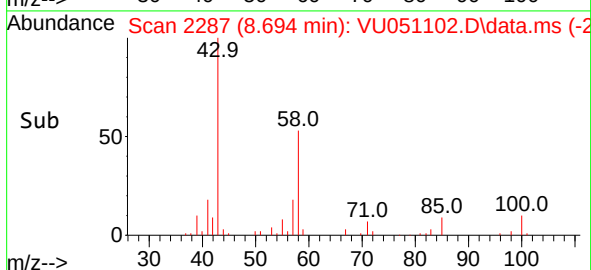
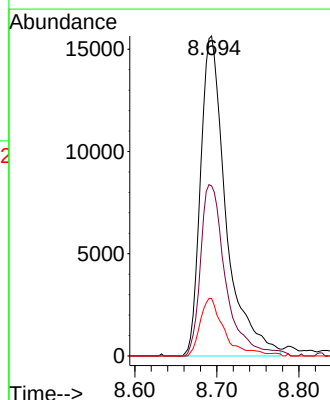
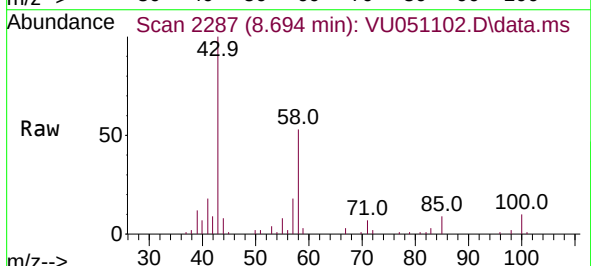
Tgt Ion: 43 Resp: 33732

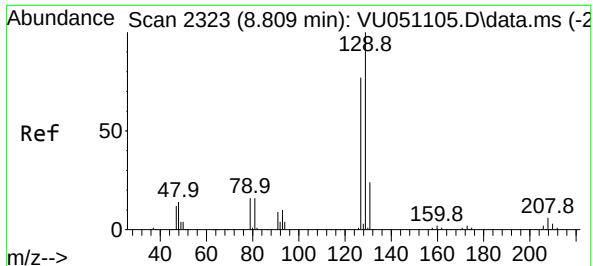
Ion Ratio Lower Upper

43 100

58 52.9 37.1 77.1

57 17.1 0.0 39.5





#55

Dibromochloromethane

Concen: 1.215 ug/l

RT: 8.809 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

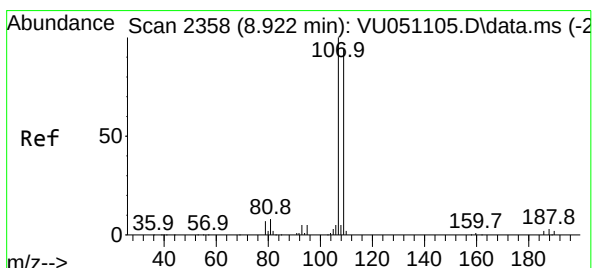
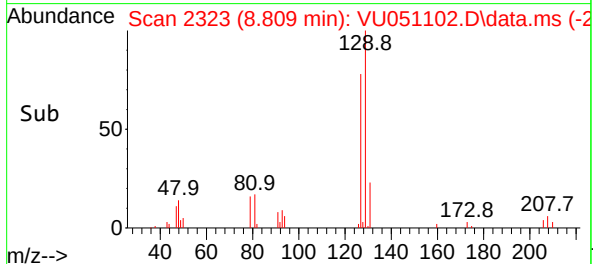
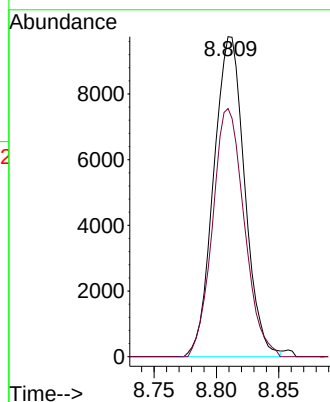
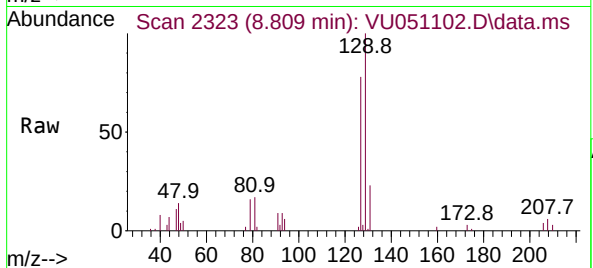
ClientSampleId :

Tgt Ion:129 Resp: 16881

Ion Ratio Lower Upper

129 100

127 79.2 61.2 91.8



#56

1,2-Dibromoethane

Concen: 1.154 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.003 min

Lab File: VU051102.D

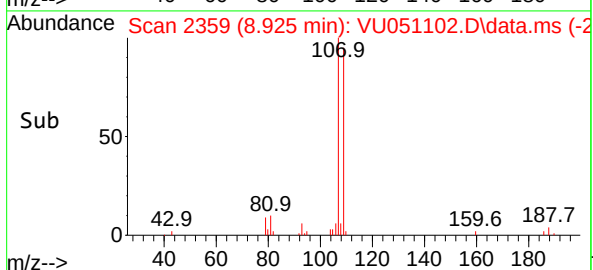
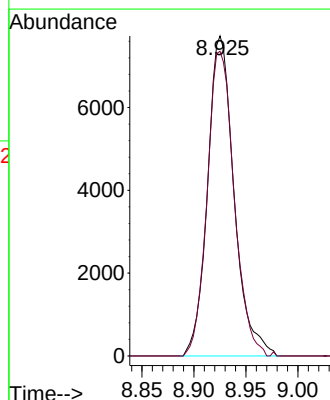
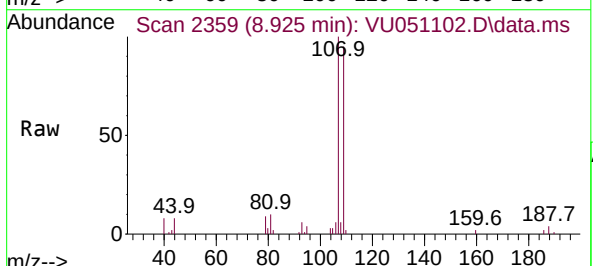
Acq: 04 Oct 2022 11:32

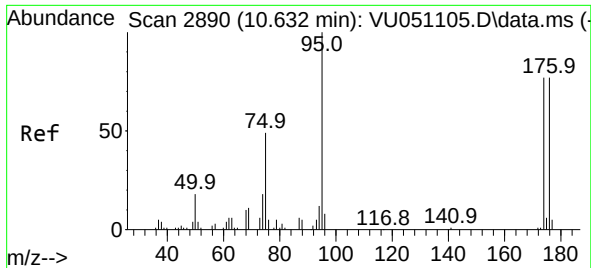
Tgt Ion:107 Resp: 13711

Ion Ratio Lower Upper

107 100

109 96.7 0.0 187.2

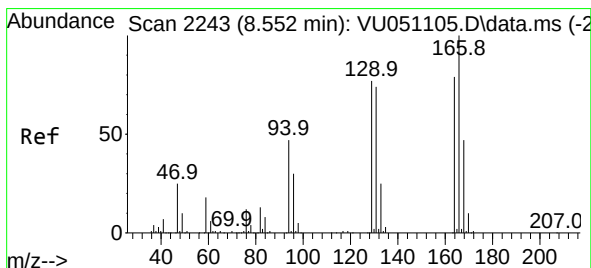
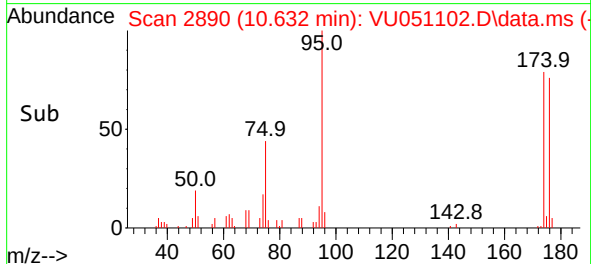
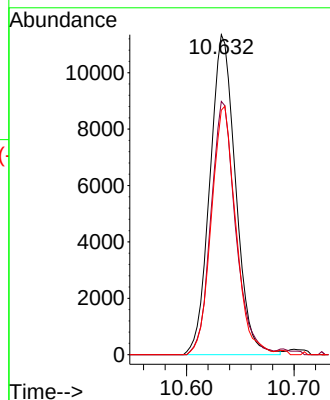
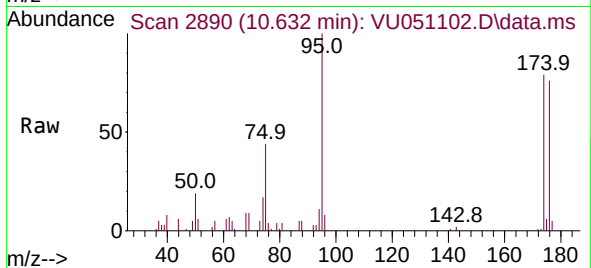




#57
4-Bromofluorobenzene
Concen: 0.855 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

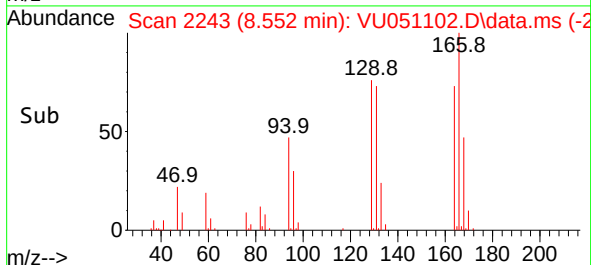
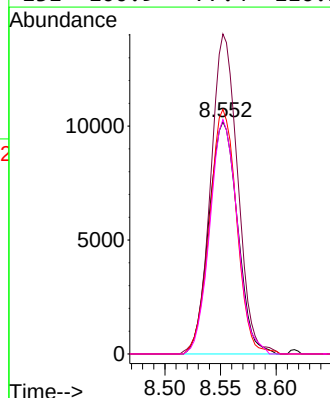
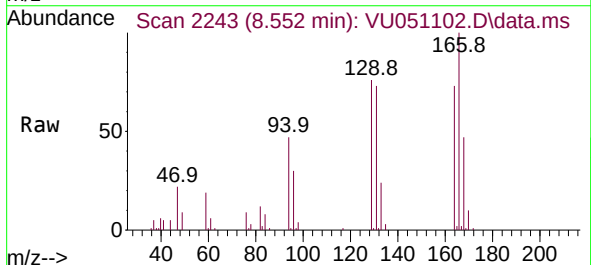
Instrument :
MSVOA_U
ClientSampleId :

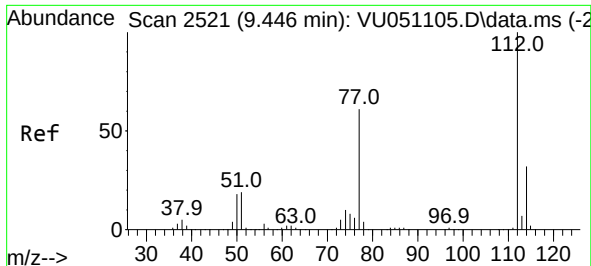
Tgt Ion: 95 Resp: 18856
Ion Ratio Lower Upper
95 100
174 75.7 62.4 93.6
176 73.8 56.2 84.2



#58
Tetrachloroethene
Concen: 1.268 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 164 Resp: 18239
Ion Ratio Lower Upper
164 100
166 137.8 102.4 153.6
129 105.4 79.5 119.3
131 100.9 77.4 116.2





#59

Chlorobenzene

Concen: 0.997 ug/l

RT: 9.449 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

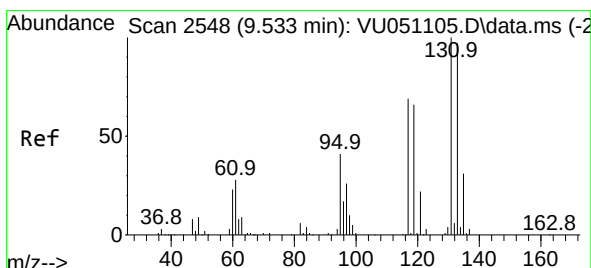
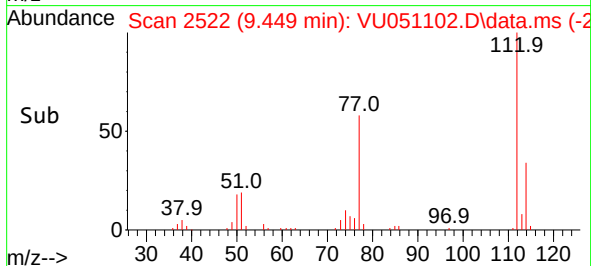
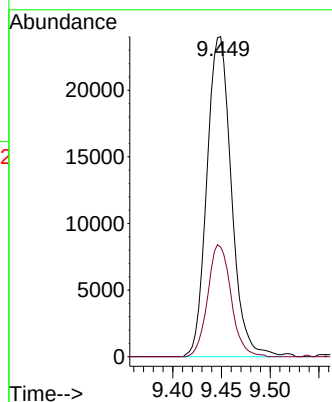
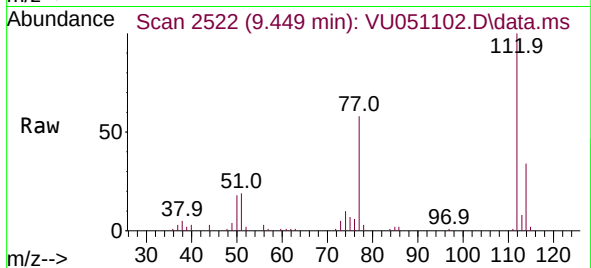
ClientSampleId :

Tgt Ion:112 Resp: 42030

Ion Ratio Lower Upper

112 100

114 34.2 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 1.132 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

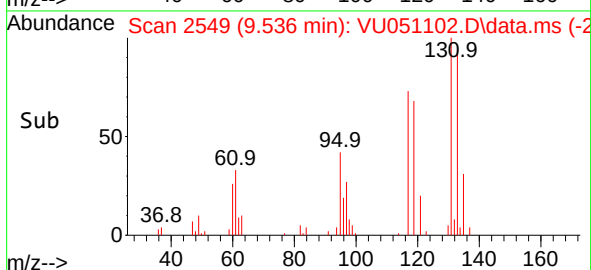
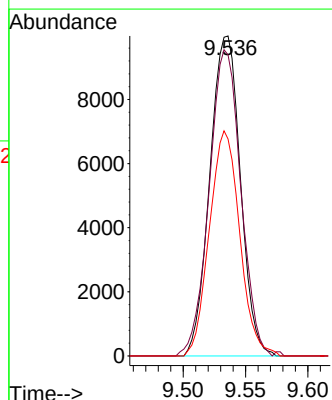
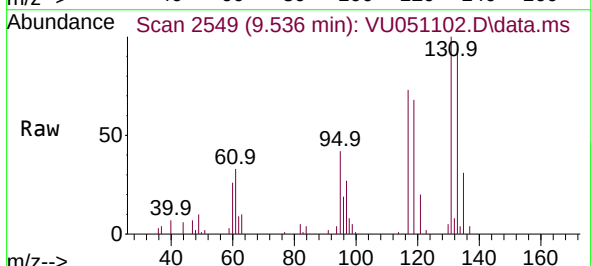
Tgt Ion:131 Resp: 17027

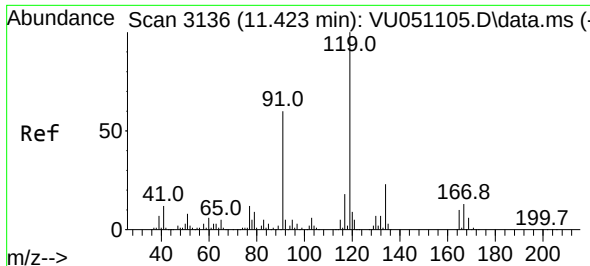
Ion Ratio Lower Upper

131 100

133 98.9 78.3 117.5

119 69.8 53.2 79.8

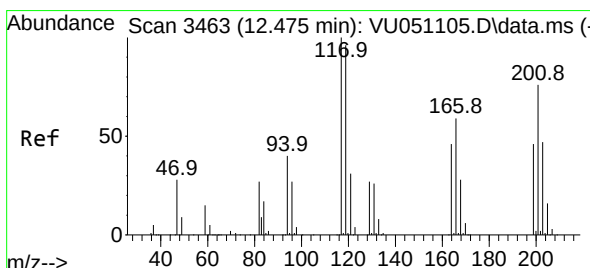
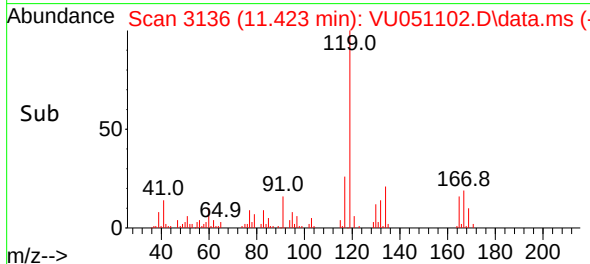
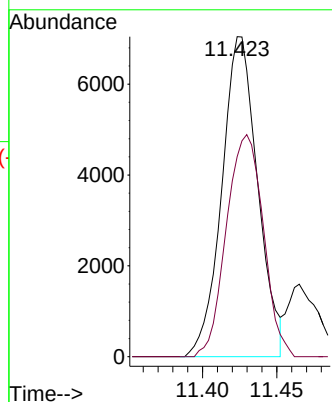
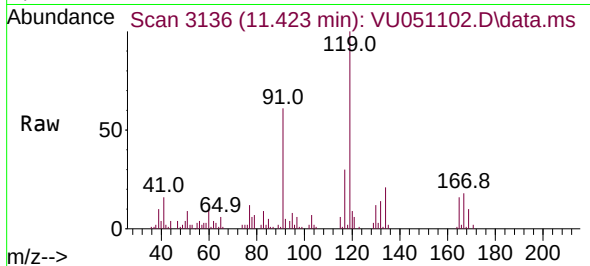




#61
 Pentachloroethane
 Concen: 1.048 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

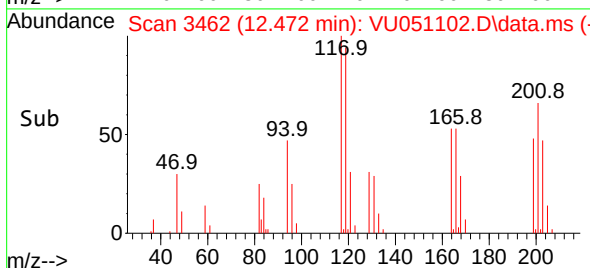
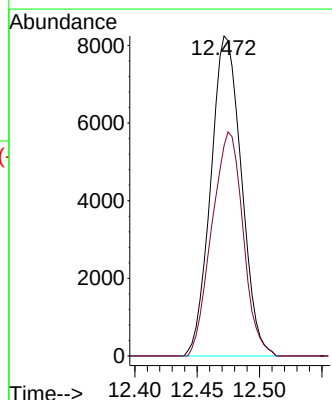
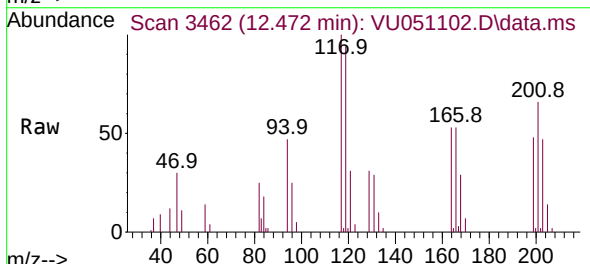
Instrument :
 MSVOA_U
 ClientSampleId :

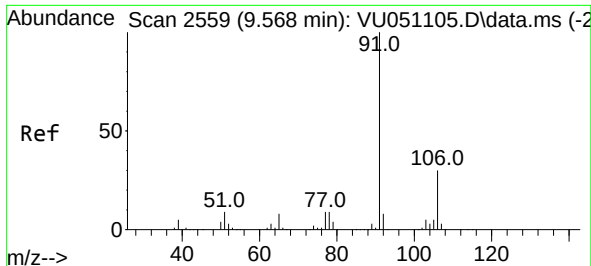
Tgt Ion:117 Resp: 11840
 Ion Ratio Lower Upper
 117 100
 167 71.3 66.2 99.4



#62
 Hexachloroethane
 Concen: 1.206 ug/l
 RT: 12.472 min Scan# 3462
 Delta R.T. -0.003 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

Tgt Ion:117 Resp: 14084
 Ion Ratio Lower Upper
 117 100
 201 71.5 61.0 91.4

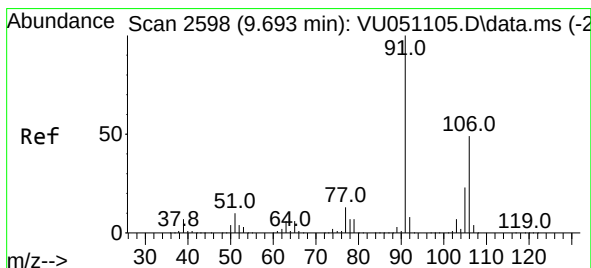
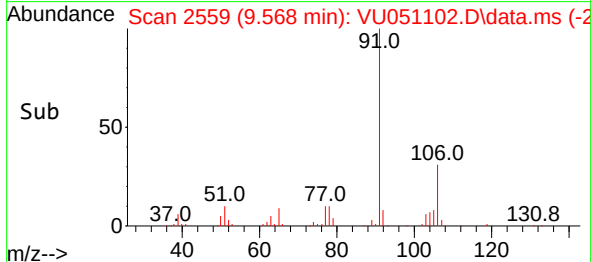
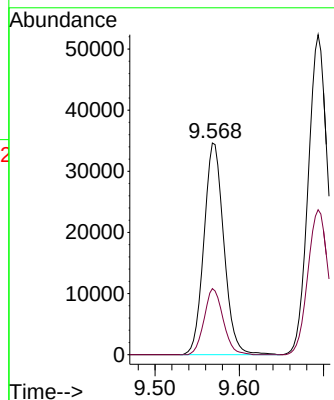
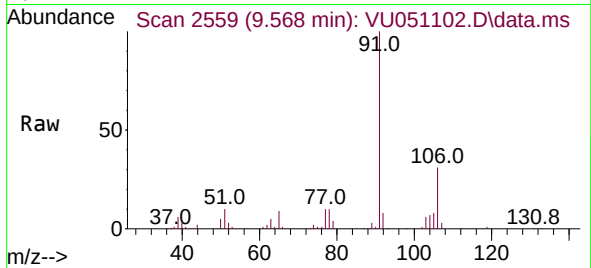




#63
Ethyl Benzene
Concen: 0.759 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

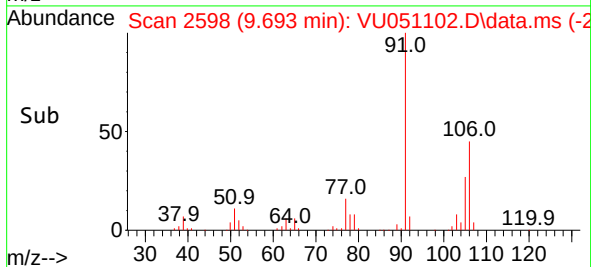
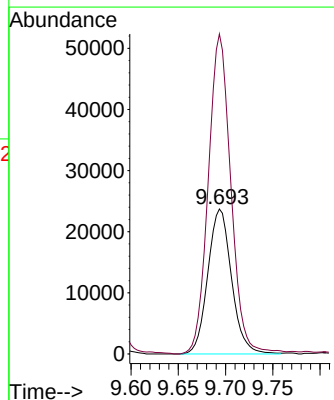
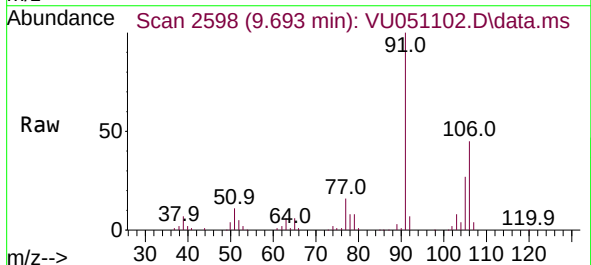
Instrument :
MSVOA_U
ClientSampleId :

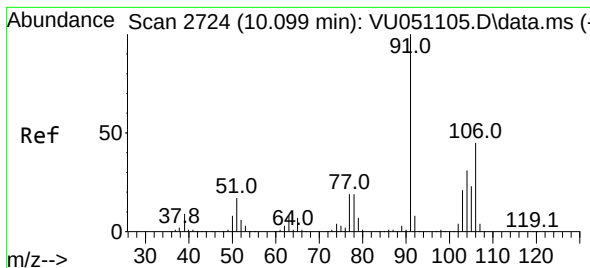
Tgt Ion: 91 Resp: 56968
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6



#64
m/p-Xylenes
Concen: 1.466 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 106 Resp: 41405
Ion Ratio Lower Upper
106 100
91 210.6 167.8 251.6





#65

o-Xylene

Concen: 0.804 ug/l

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

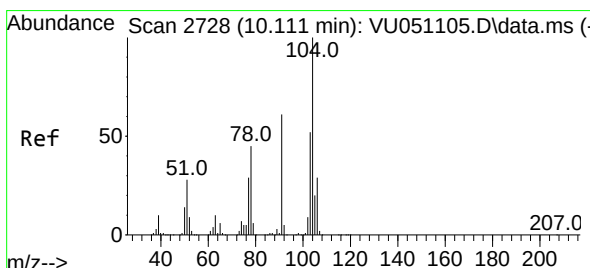
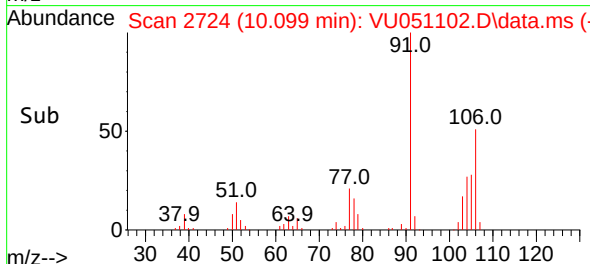
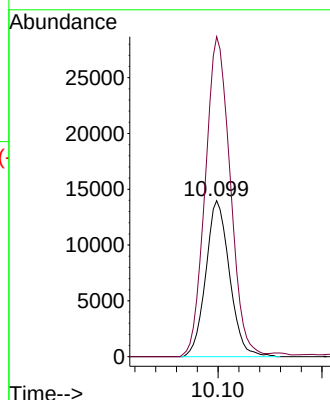
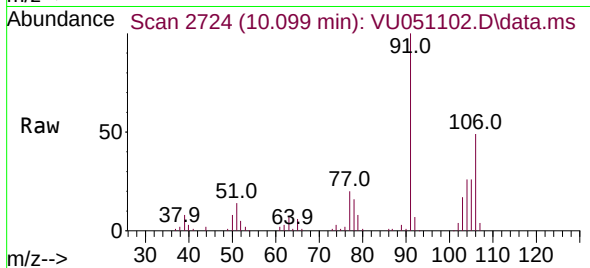
ClientSampleId :

Tgt Ion:106 Resp: 22173

Ion Ratio Lower Upper

106 100

91 216.0 111.1 333.2



#66

Styrene

Concen: 0.782 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. 0.003 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

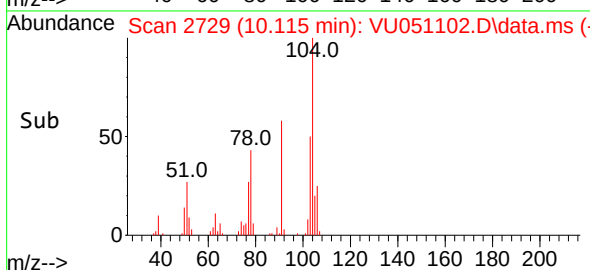
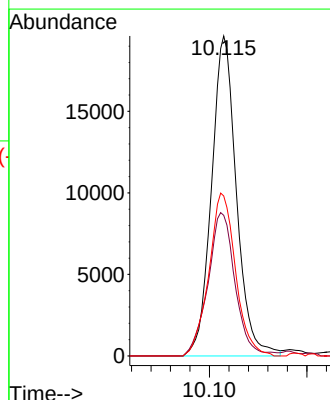
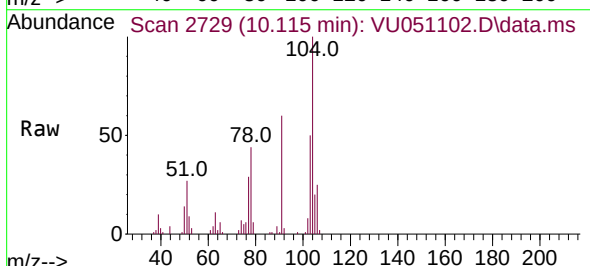
Tgt Ion:104 Resp: 34946

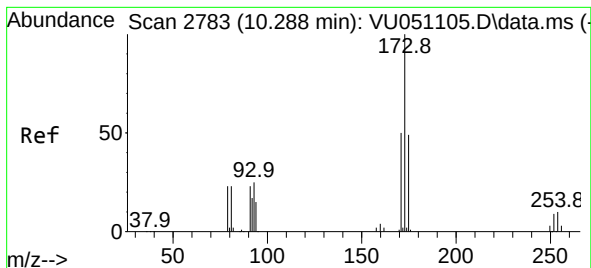
Ion Ratio Lower Upper

104 100

78 48.6 42.1 63.1

103 54.3 44.5 66.7





#67

Bromoform

Concen: 1.237 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051102.D

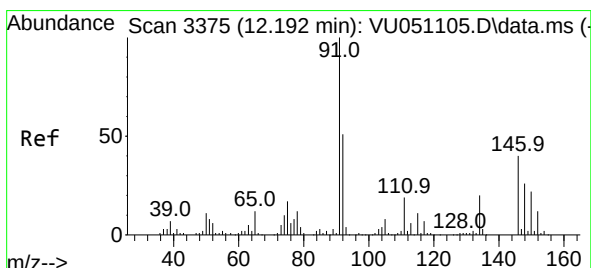
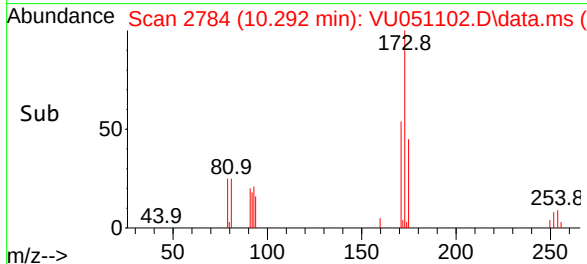
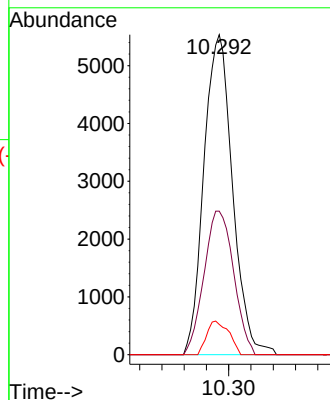
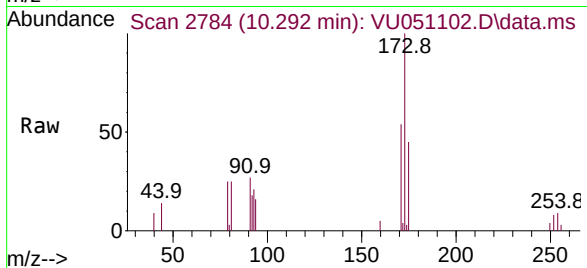
Acq: 04 Oct 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	9868
Ion Ratio	Lower	Upper
173	100	
175	46.4	38.4 57.6
254	8.1	7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.001 ug/l

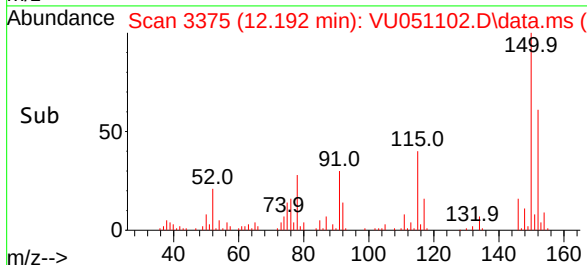
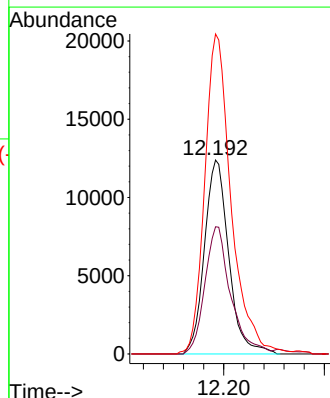
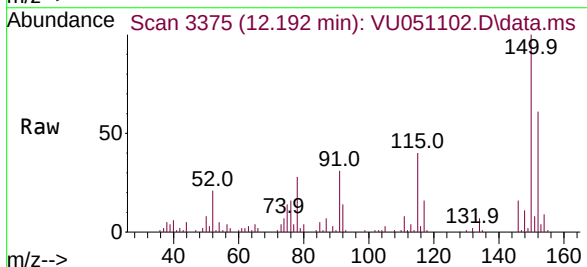
RT: 12.192 min Scan# 3375

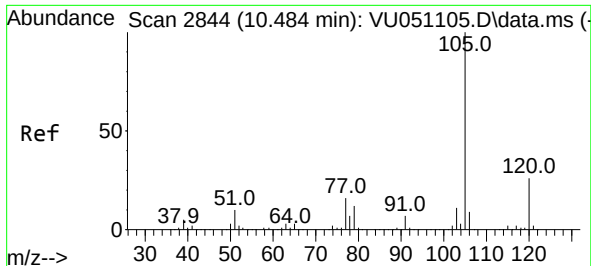
Delta R.T. 0.000 min

Lab File: VU051102.D

Acq: 04 Oct 2022 11:32

Tgt Ion:152	Resp:	20805
Ion Ratio	Lower	Upper
152	100	
115	69.7	0.0 254.6
150	179.2	0.0 623.6

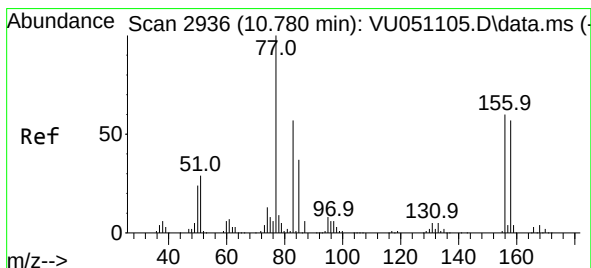
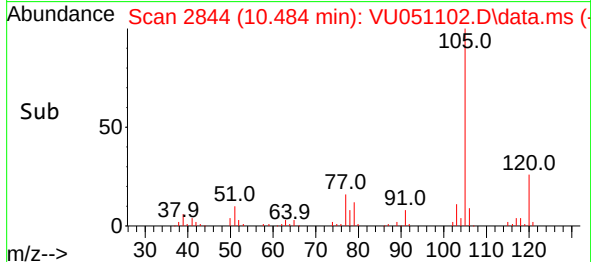
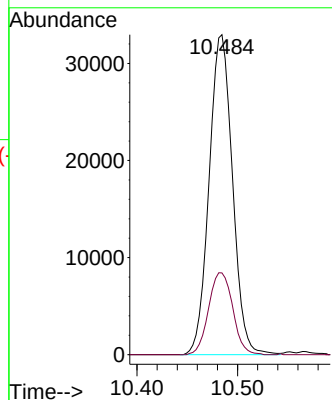
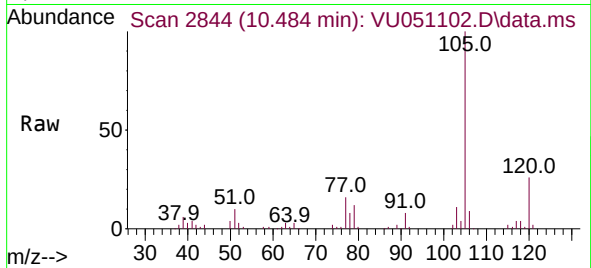




#69
Isopropylbenzene
Concen: 0.732 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

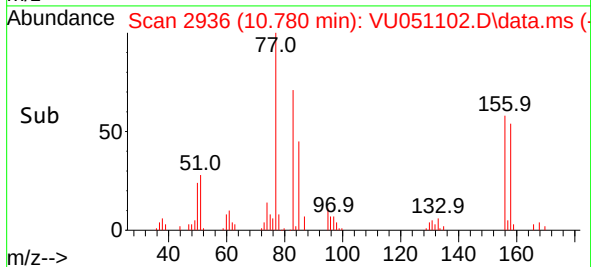
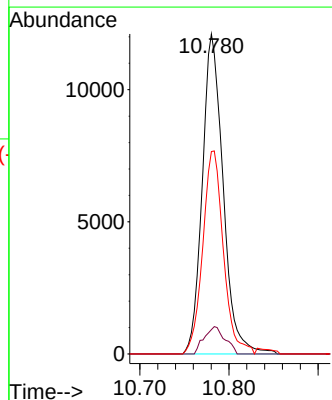
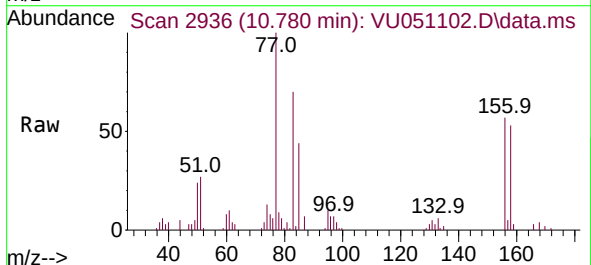
Instrument :
MSVOA_U
ClientSampleId :

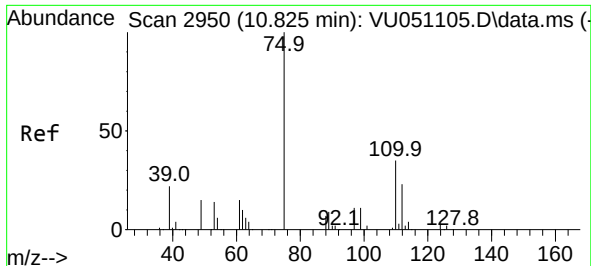
Tgt Ion:105 Resp: 53242
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 1.223 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 83 Resp: 19675
Ion Ratio Lower Upper
83 100
131 8.5 7.7 11.5
85 62.8 51.2 76.8

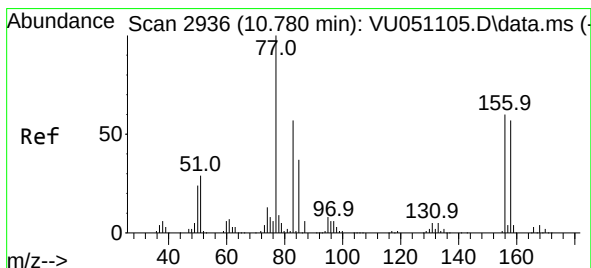
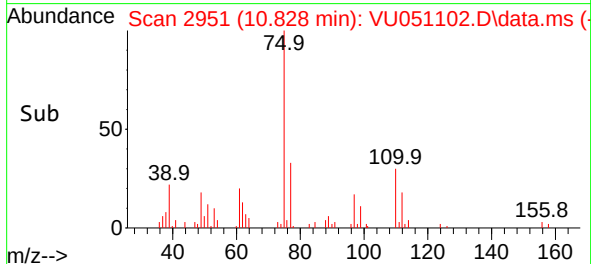
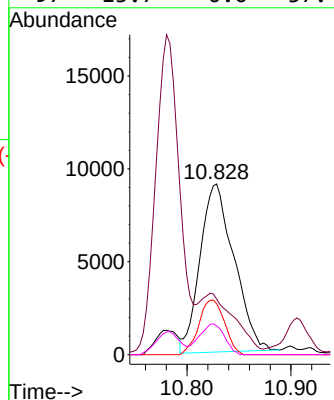
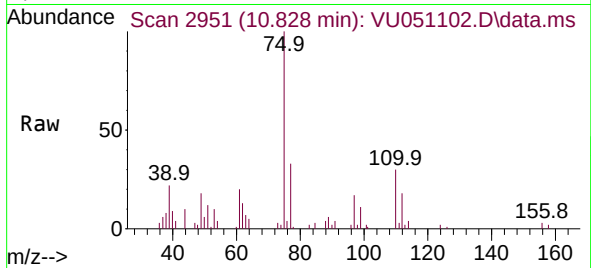




#71
1,2,3-Trichloropropane
Concen: 1.536 ug/l
RT: 10.828 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

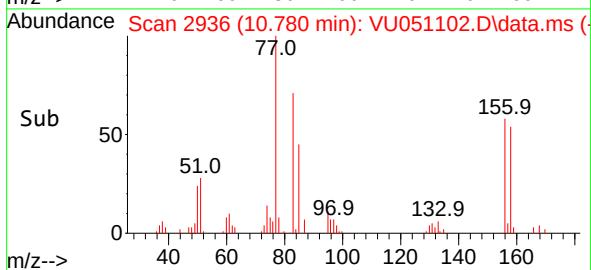
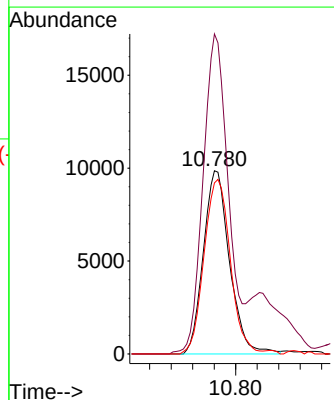
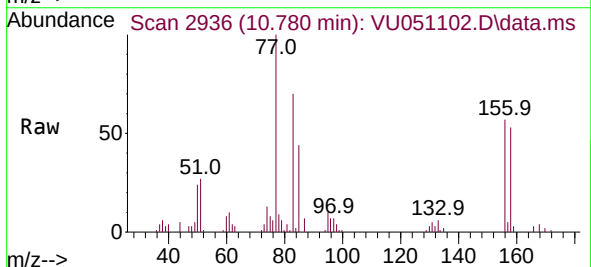
Instrument :
MSVOA_U
ClientSampleId :

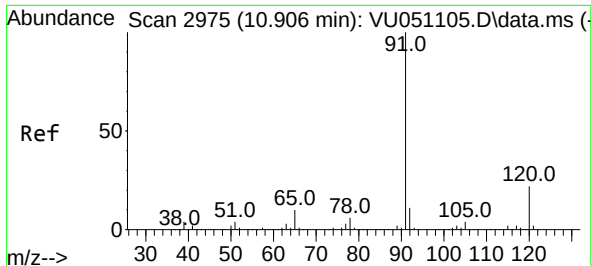
Tgt Ion:	75	Resp:	20561
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	112.4
110	24.6	0.0	70.6
97	13.7	0.0	37.4



#72
Bromobenzene
Concen: 1.000 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion:	156	Resp:	16706
Ion Ratio	Lower	Upper	
156	100		
77	168.2	0.0	344.4
158	95.5	0.0	192.2

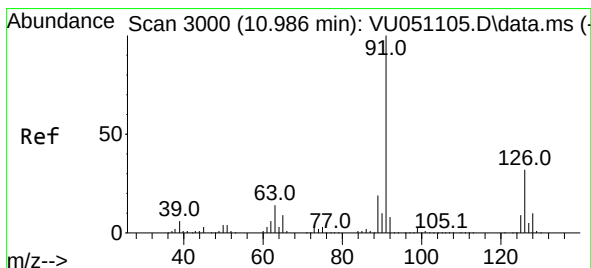
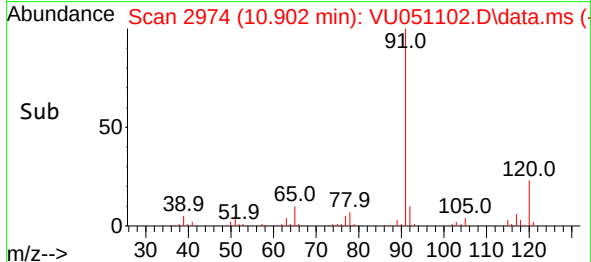
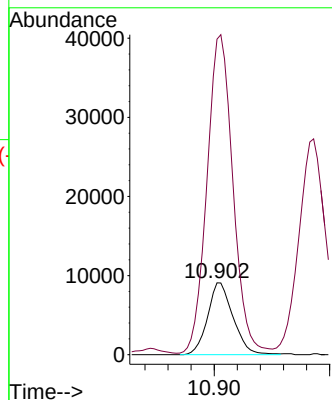
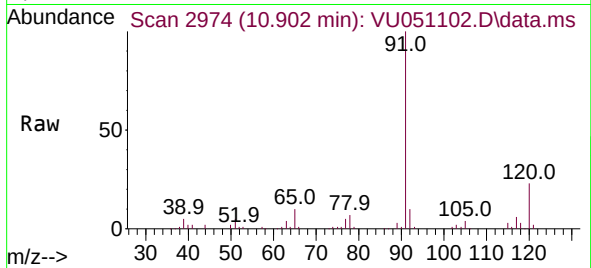




#73
n-propylbenzene
Concen: 0.747 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

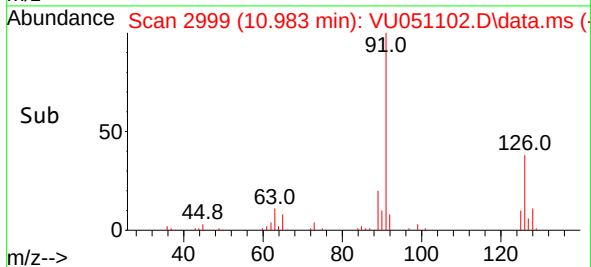
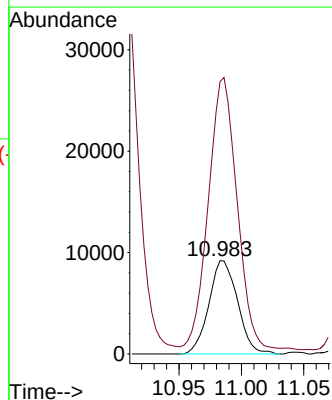
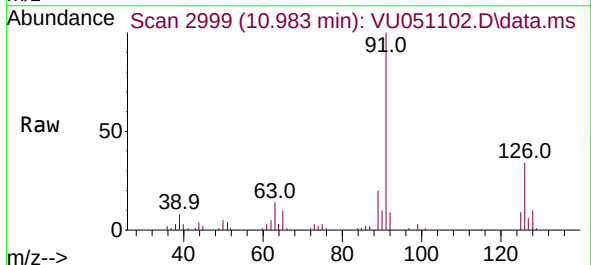
Instrument :
MSVOA_U
ClientSampleId :

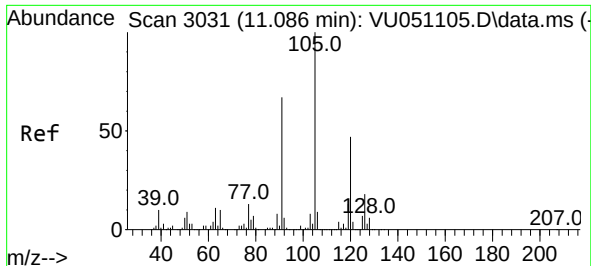
Tgt Ion:120 Resp: 13927
Ion Ratio Lower Upper
120 100
91 452.5 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.880 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion:126 Resp: 14727
Ion Ratio Lower Upper
126 100
91 291.6 0.0 620.6

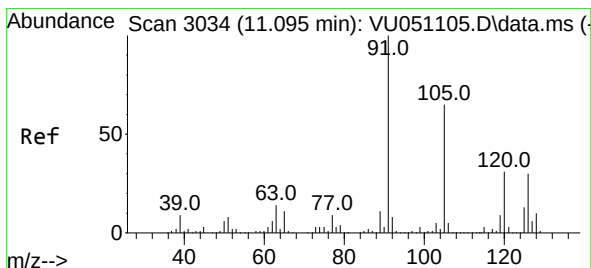
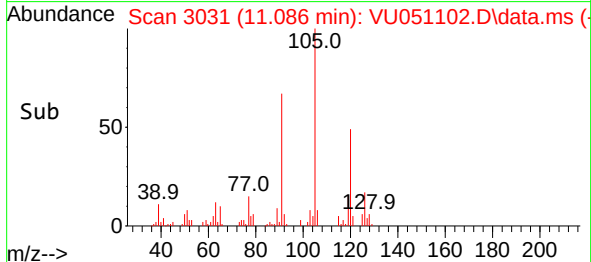
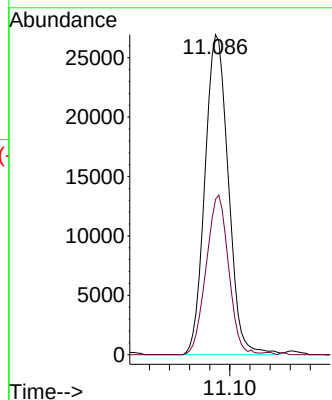
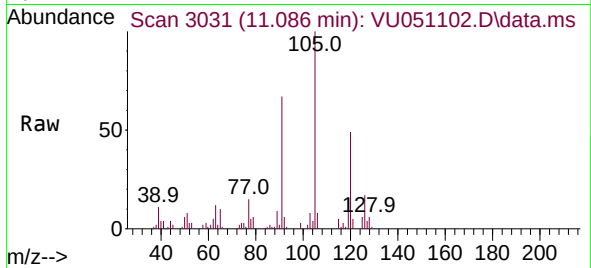




#75
1,3,5-Trimethylbenzene
Concen: 0.704 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

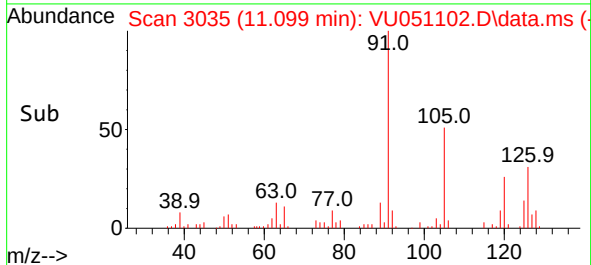
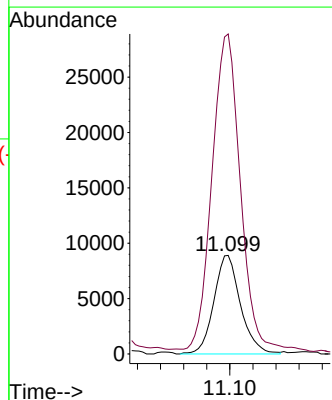
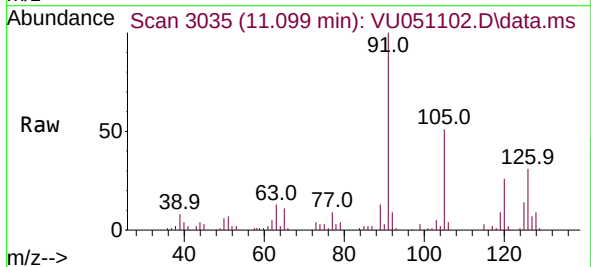
Instrument :
MSVOA_U
ClientSampleId :

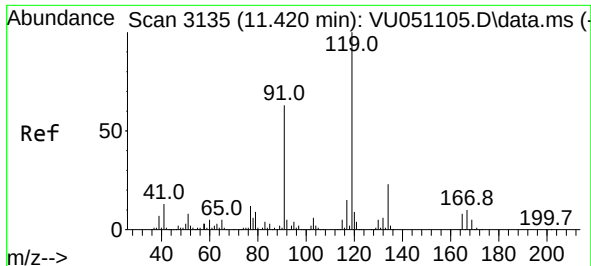
Tgt Ion:105 Resp: 43529
Ion Ratio Lower Upper
105 100
120 47.9 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.839 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion:126 Resp: 14259
Ion Ratio Lower Upper
126 100
91 344.7 0.0 738.8

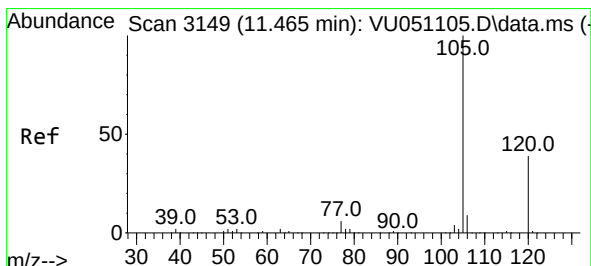
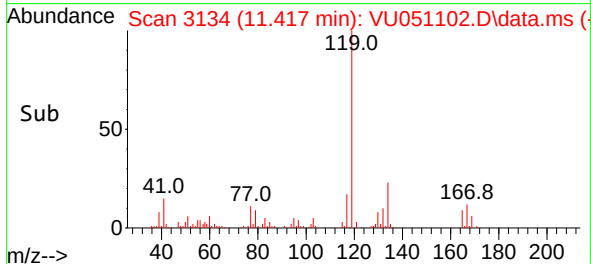
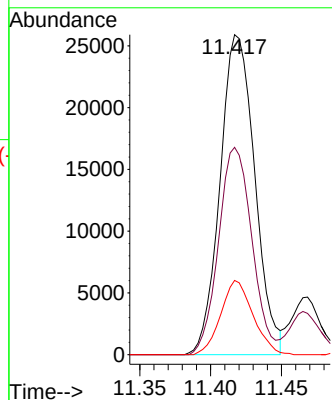
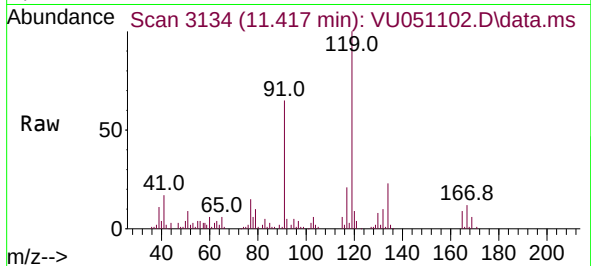




#77
tert-Butylbenzene
Concen: 0.737 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

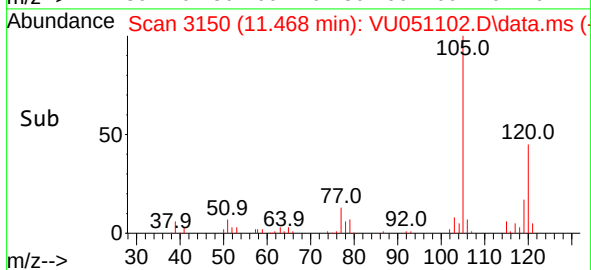
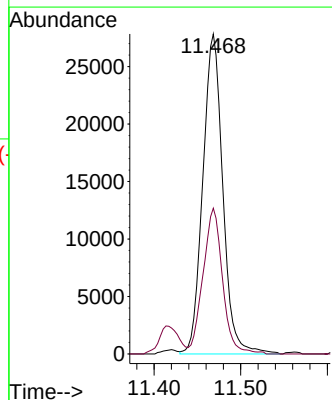
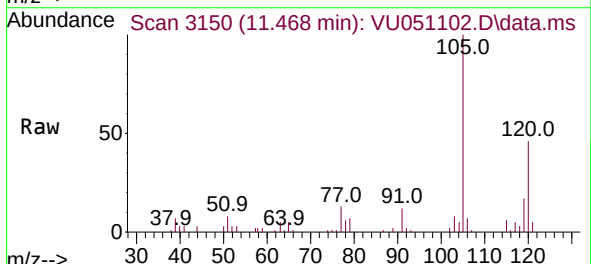
Instrument :
MSVOA_U
ClientSampleId :

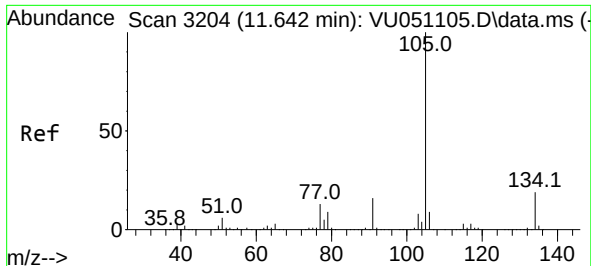
Tgt Ion:119 Resp: 44208
Ion Ratio Lower Upper
119 100
91 62.2 30.4 91.3
134 21.6 17.8 26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.714 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion:105 Resp: 44666
Ion Ratio Lower Upper
105 100
120 44.5 21.6 65.0

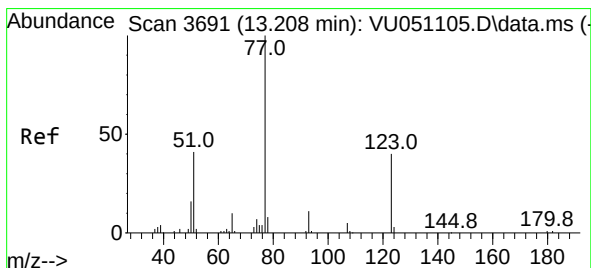
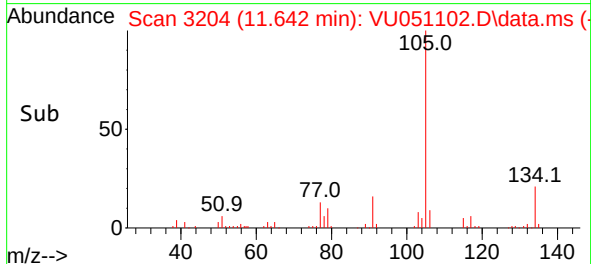
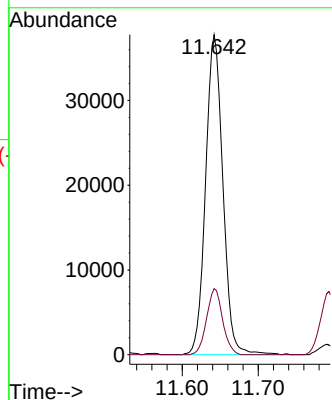
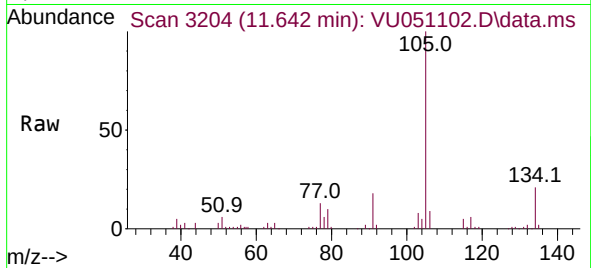




#79
 sec-Butylbenzene
 Concen: 0.749 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

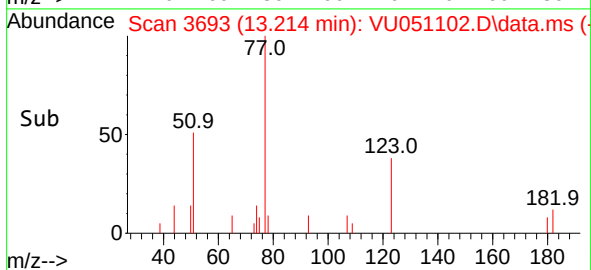
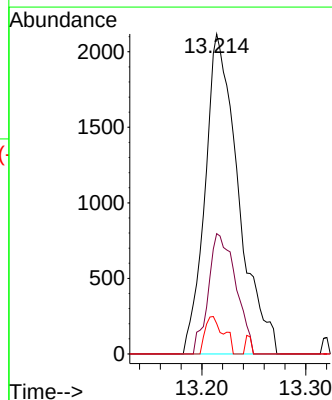
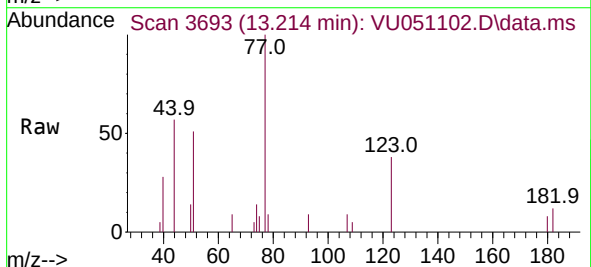
Instrument :
 MSVOA_U
 ClientSampleId :

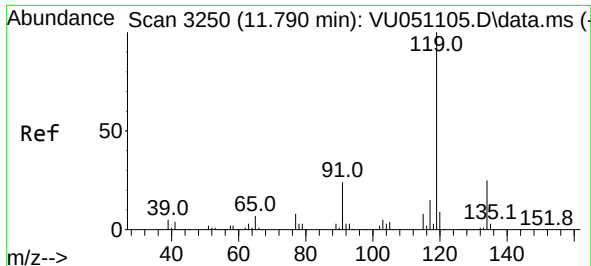
Tgt Ion:105 Resp: 59560
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0



#80
 Nitrobenzene
 Concen: 6.936 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

Tgt Ion: 77 Resp: 4701
 Ion Ratio Lower Upper
 77 100
 123 31.1 18.1 64.3
 65 6.4 10.8 13.8#

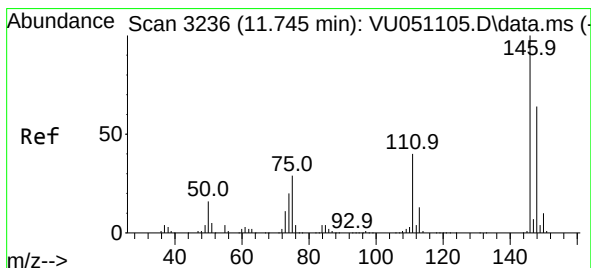
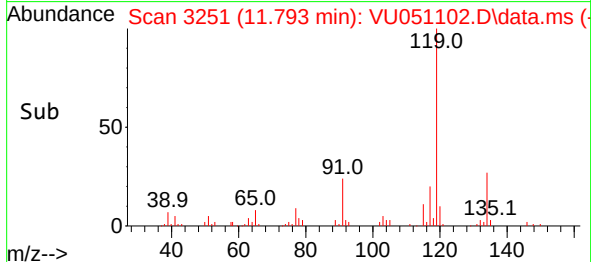
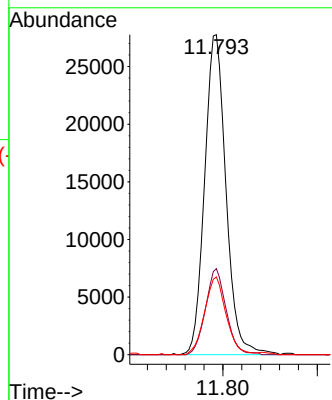
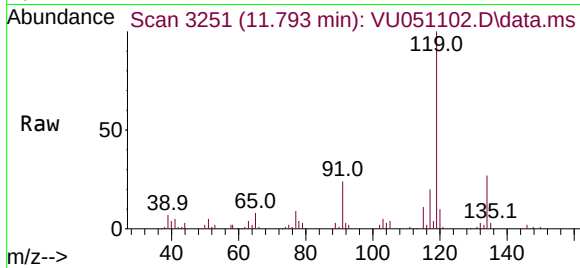




#81
p-Isopropyltoluene
Concen: 0.676 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

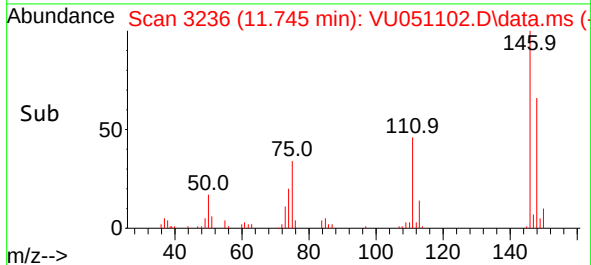
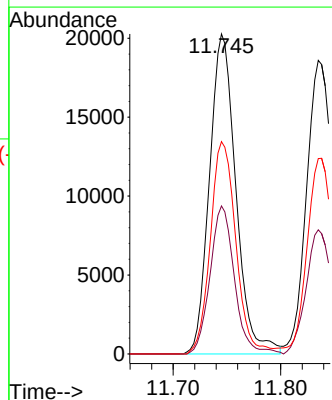
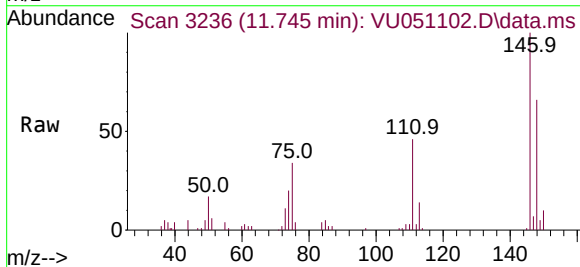
Instrument :
MSVOA_U
ClientSampleId :

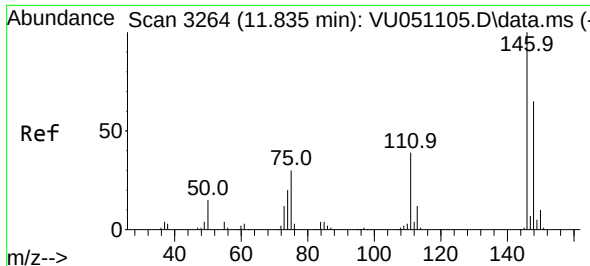
Tgt Ion:119 Resp: 43566
Ion Ratio Lower Upper
119 100
134 26.0 20.5 30.7
91 24.4 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 1.058 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

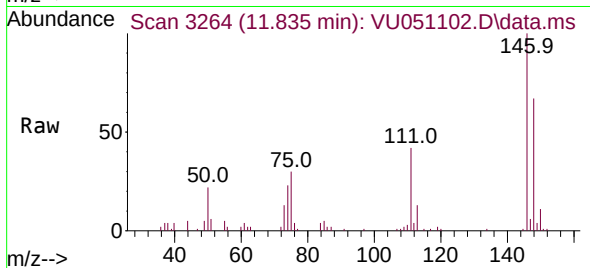
Tgt Ion:146 Resp: 34562
Ion Ratio Lower Upper
146 100
111 42.6 33.4 50.2
148 64.1 51.2 76.8



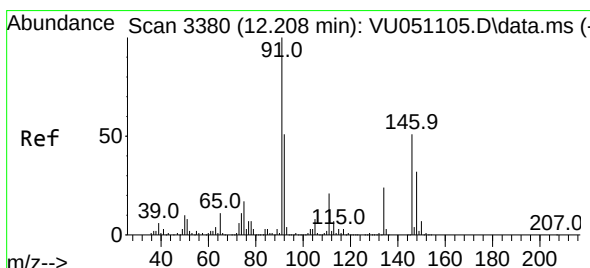
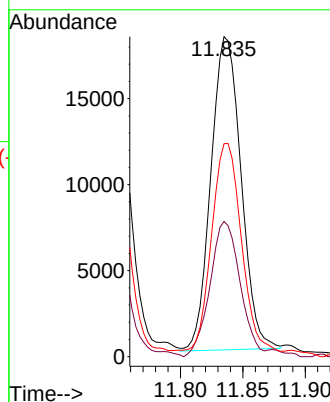
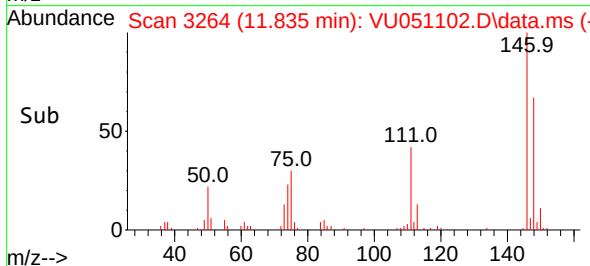


#83
1,4-Dichlorobenzene
Concen: 0.924 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

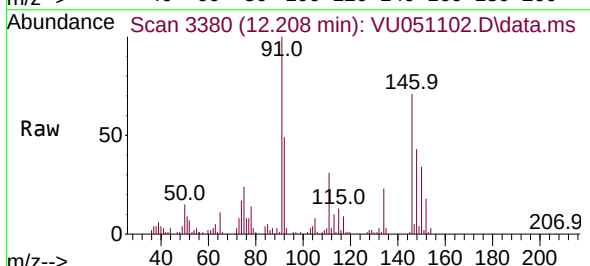
Instrument :
MSVOA_U
ClientSampleId :



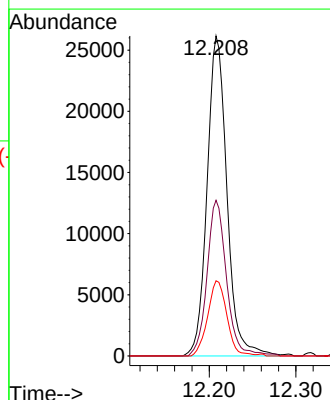
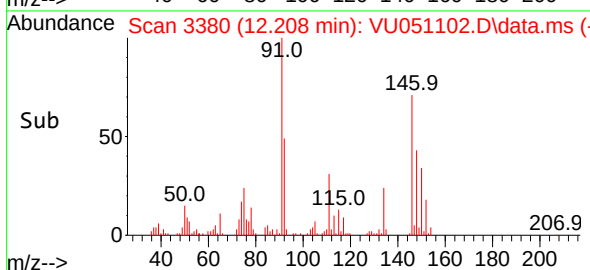
Tgt Ion:146 Resp: 30640
Ion Ratio Lower Upper
146 100
111 43.0 32.6 49.0
148 65.9 51.6 77.4

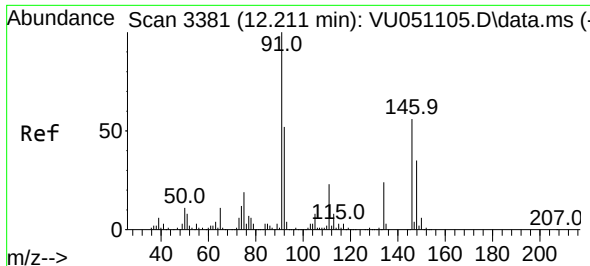


#84
n-Butylbenzene
Concen: 0.701 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32



Tgt Ion: 91 Resp: 41637
Ion Ratio Lower Upper
91 100
92 47.8 42.3 63.5
134 22.7 19.6 29.4

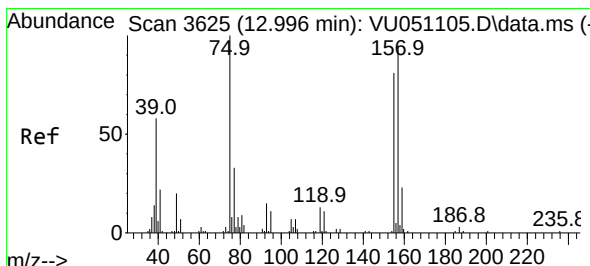
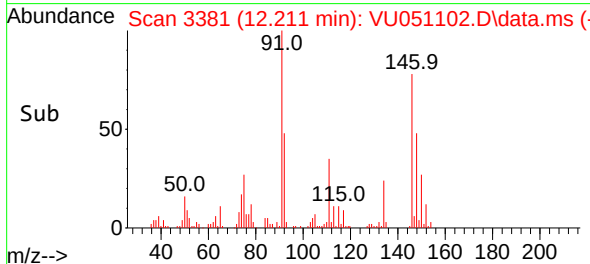
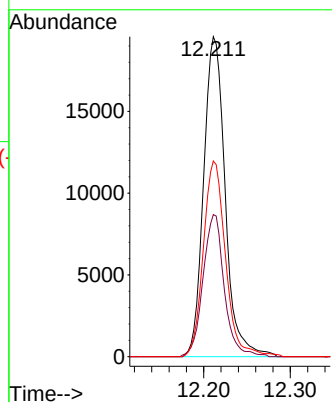
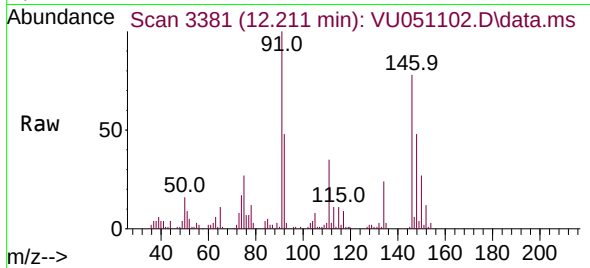




#85
1,2-Dichlorobenzene
Concen: 1.059 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

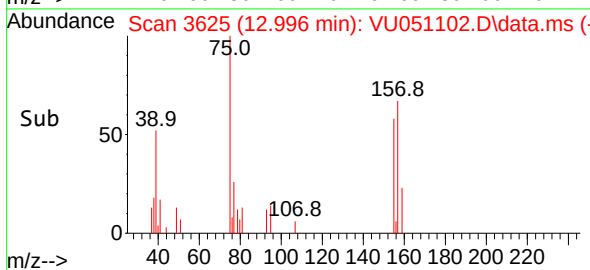
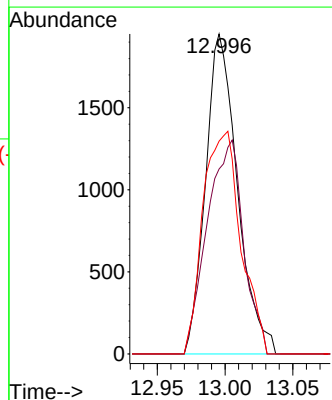
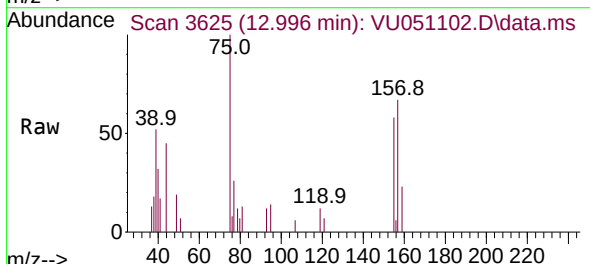
Instrument :
MSVOA_U
ClientSampleId :

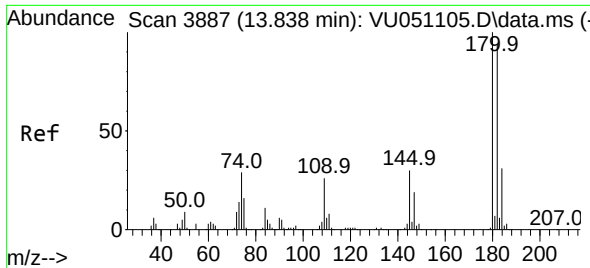
Tgt Ion:146 Resp: 33802
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.1
148 63.1 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.157 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion: 75 Resp: 3190
Ion Ratio Lower Upper
75 100
155 76.0 66.8 100.2
157 82.4 83.8 125.8#

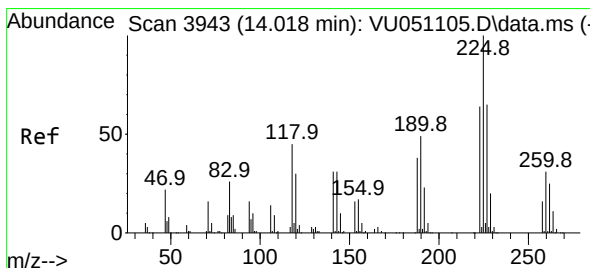
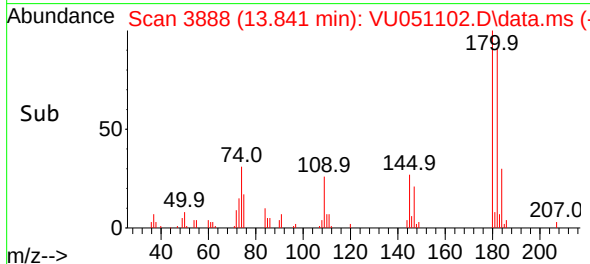
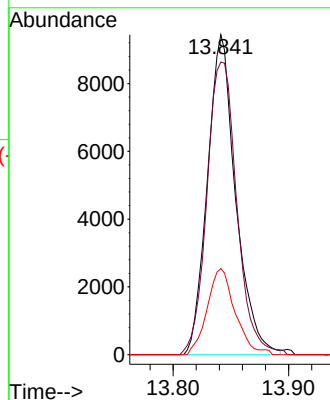
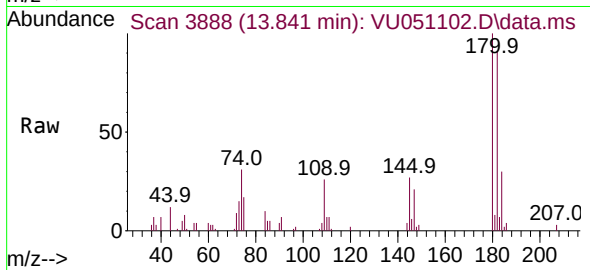




#87
 1,2,4-Trichlorobenzene
 Concen: 0.793 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

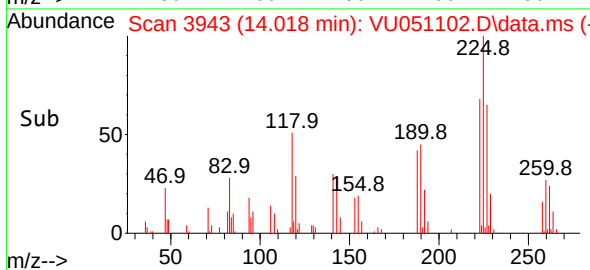
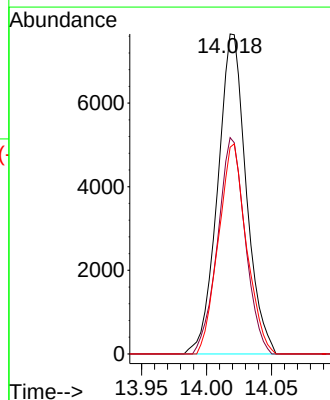
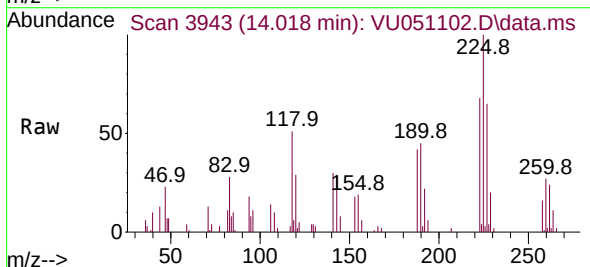
Instrument :
 MSVOA_U
 ClientSampleId :

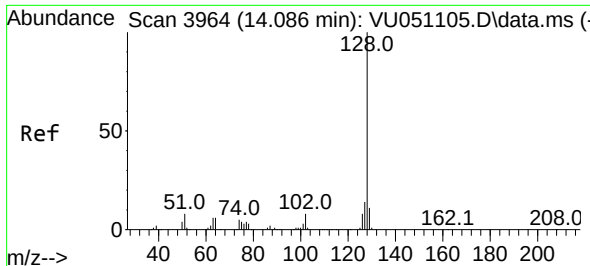
Tgt Ion:180 Resp: 16078
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.0 115.6
 145 26.5 25.7 38.5



#88
 Hexachlorobutadiene
 Concen: 1.080 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. 0.000 min
 Lab File: VU051102.D
 Acq: 04 Oct 2022 11:32

Tgt Ion:225 Resp: 11667
 Ion Ratio Lower Upper
 225 100
 223 65.1 50.6 76.0
 227 64.3 50.7 76.1

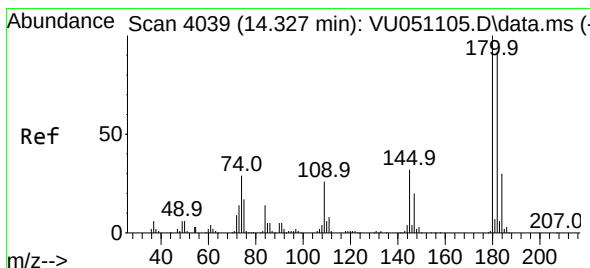
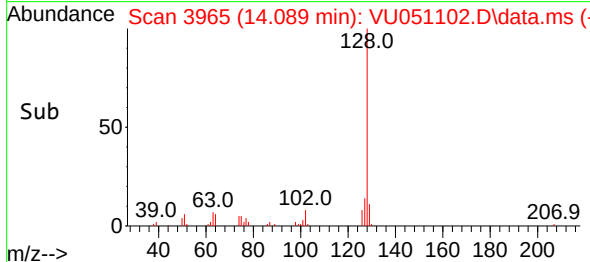
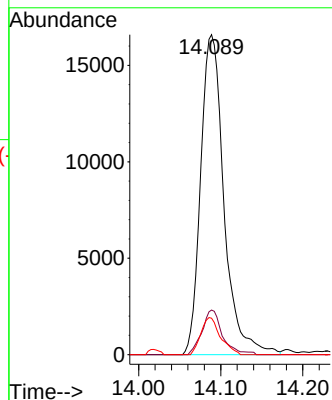
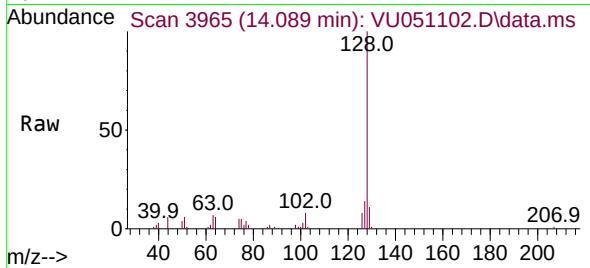




#89
Naphthalene
Concen: 0.779 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	32771
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.1 15.1
129	9.7	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.867 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051102.D
Acq: 04 Oct 2022 11:32

Tgt Ion:180	Resp:	17142
Ion Ratio	Lower	Upper
180	100	
182	90.9	76.6 114.8
145	32.7	27.3 40.9

