

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100422\
 Data File : VU051101.D
 Acq On : 04 Oct 2022 11:03
 Operator : JC/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 05 01:59:23 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	40258	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11055	0.748	ug/l	0.00
Spiked Amount 1.000			Recovery	=	75.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	13930	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	7859	0.526	ug/l	87
3) Chloromethane	1.523	50	10426	0.652	ug/l	97
4) Vinyl Chloride	1.604	62	9164	0.623	ug/l	96
5) Bromomethane	1.861	94	7301	0.926	ug/l	86
6) Chloroethane	1.935	64	6264	0.748	ug/l	97
7) Trichlorofluoromethane	2.141	101	10869	0.625	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	6190	0.666	ug/l	97
9) 1,1-Dichloroethene	2.581	96	6484	0.688	ug/l	90
10) Iodomethane	2.726	142	6690	0.535	ug/l	93
11) Allyl Chloride	2.922	41	9214	0.582	ug/l	96
12) Acrylonitrile	3.321	53	4890	1.893	ug/l	88
13) Acetone	2.642	43	10409	5.332	ug/l	98
14) Carbon Disulfide	2.797	76	28039	0.883	ug/l	99
15) Methylene Chloride	3.044	84	17159	1.417	ug/l	93
16) trans-1,2-Dichloroethene	3.350	96	7084	0.709	ug/l	87
17) 1,1-Dichloroethane	3.871	63	11685	0.581	ug/l	96
18) 2-Butanone	4.726	43	11203	3.435	ug/l	95
19) Cyclohexane	5.391	56	6629	0.356	ug/l	# 86
20) Methylcyclohexane	6.761	83	7545	0.410	ug/l	97
21) 2,2-Dichloropropane	4.665	77	7674	0.480	ug/l	95
22) cis-1,2-Dichloroethene	4.671	96	6167	0.517	ug/l	98
23) Diethyl Ether	2.379	59	5532	0.682	ug/l	94
24) tert-Butyl Alcohol	3.250	59	2751	3.347	ug/l	98
25) Methyl tert-Butyl Ether	3.366	73	16977	0.650	ug/l	95
26) Bromochloromethane	4.983	128	3161	0.618	ug/l	93
27) Chloroform	5.092	83	12143	0.609	ug/l	94
28) 1,1,1-Trichloroethane	5.317	97	9912	0.575	ug/l	96
29) 1,1-Dichloropropene	5.526	75	6784	0.441	ug/l	93
30) Carbon Tetrachloride	5.523	117	8430	0.583	ug/l	98
31) Isopropyl Ether	4.002	45	13786	0.414	ug/l	81
32) Ethyl-t-butyl ether	4.510	59	12758	0.408	ug/l	95
33) Tert-Amyl methyl ether	5.941	73	11690	0.425	ug/l	# 81
34) Propionitrile	4.806	54	3768	4.008	ug/l	# 79
35) Benzene	5.774	78	23255	0.523	ug/l	93
36) 1,2-Dichloroethane	5.800	62	8636	0.673	ug/l	97
37) Trichloroethene	6.542	130	6185	0.555	ug/l	89
38) 1,2-Dichloropropane	6.793	63	6743	0.568	ug/l	99
39) Methacrylonitrile	4.986	41	1701	0.428	ug/l	# 94
40) Methyl acrylate	4.822	55	100	0.016	ug/l	# 23
41) Tetrahydrofuran	5.083	42	2288	0.972	ug/l	# 83
42) 1-Chlorobutane	5.465	56	9330	0.434	ug/l	96
43) Dibromomethane	6.919	93	4057	0.681	ug/l	94
44) Bromodichloromethane	7.105	83	8861	0.626	ug/l	# 94

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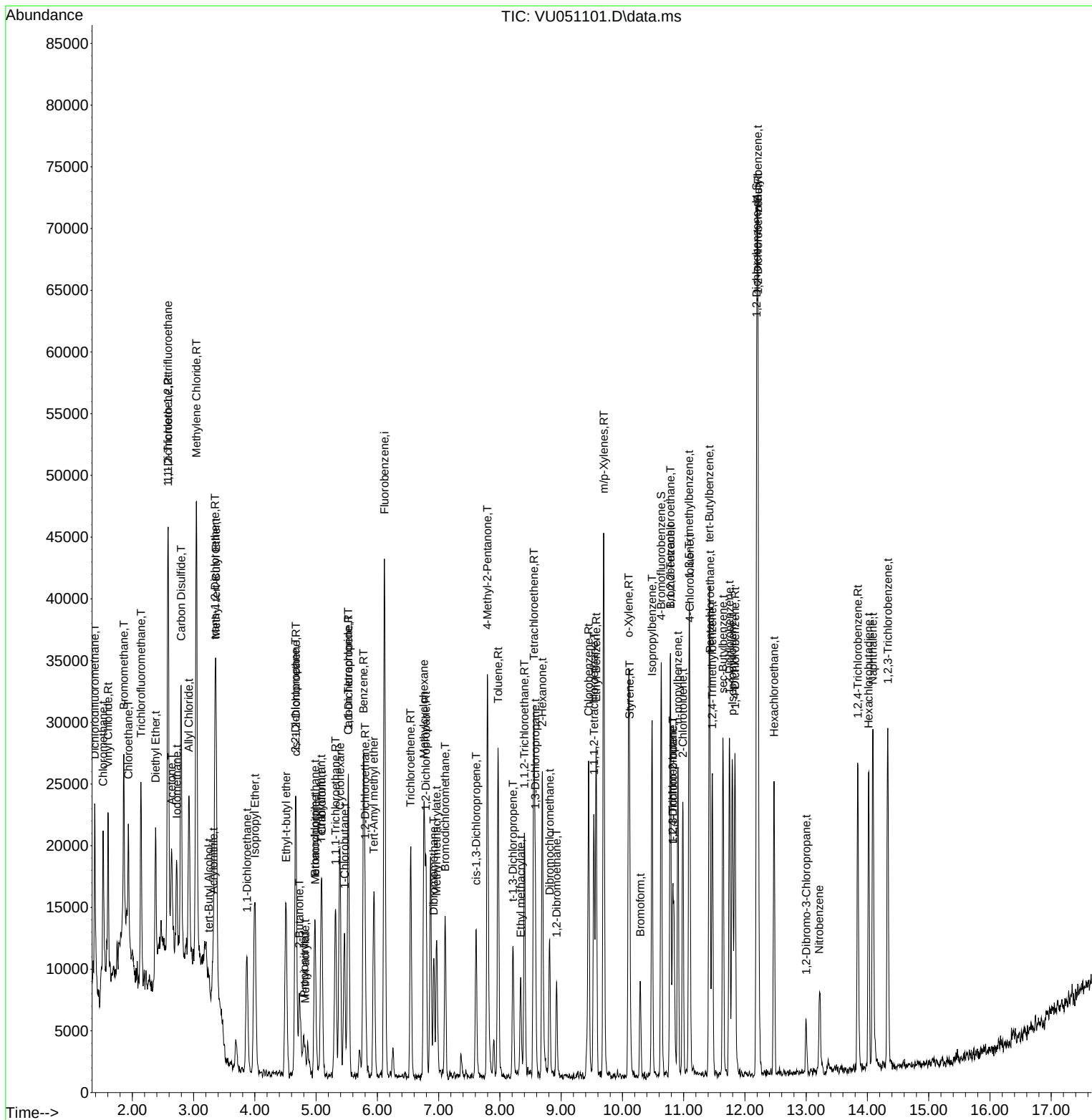
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 ClientSampleId :

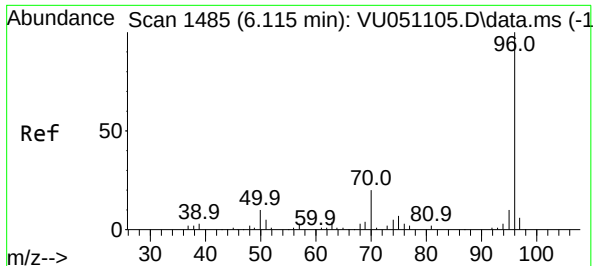
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 05 01:58:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	21895	2.796	ug/l	96
46) t-1,4-Dichloro-2-butene	10.822	75	8842	3.488	ug/l #	42
47) Methyl methacrylate	6.967	69	5579	0.949	ug/l	96
48) Ethyl methacrylate	8.343	69	4421	0.384	ug/l	94
49) Toluene	7.970	92	11155	0.413	ug/l	92
50) t-1,3-Dichloropropene	8.214	75	6485	0.485	ug/l	93
51) cis-1,3-Dichloropropene	7.613	75	7056	0.448	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	5902	0.714	ug/l	96
53) 1,3-Dichloropropane	8.578	76	8482	0.578	ug/l	96
54) 2-Hexanone	8.694	43	17048	3.122	ug/l	93
55) Dibromochloromethane	8.812	129	6732	0.723	ug/l	91
56) 1,2-Dibromoethane	8.925	107	4966	0.624	ug/l	94
58) Tetrachloroethene	8.555	164	6306	0.654	ug/l	95
59) Chlorobenzene	9.449	112	14413	0.510	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	6368	0.632	ug/l	88
61) Pentachloroethane	11.430	117	4260	0.563	ug/l	86
62) Hexachloroethane	12.475	117	4450	0.568	ug/l	94
63) Ethyl Benzene	9.571	91	18423	0.366	ug/l	95
64) m/p-Xylenes	9.697	106	13008	0.687	ug/l	96
65) o-Xylene	10.102	106	6693	0.362	ug/l	95
66) Styrene	10.118	104	10386	0.347	ug/l	96
67) Bromoform	10.291	173	3762	0.704	ug/l	98
69) Isopropylbenzene	10.484	105	16811	0.345	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	8131	0.754	ug/l #	99
71) 1,2,3-Trichloropropane	10.822	75	8842	0.986	ug/l	75
72) Bromobenzene	10.783	156	5085	0.454	ug/l	96
73) n-propylbenzene	10.906	120	4043	0.323	ug/l	96
74) 2-Chlorotoluene	10.986	126	4473	0.399	ug/l	84
75) 1,3,5-Trimethylbenzene	11.089	105	13115	0.317	ug/l	98
76) 4-Chlorotoluene	11.099	126	3890	0.342	ug/l	94
77) tert-Butylbenzene	11.420	119	14318	0.356	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	13508	0.322	ug/l	95
79) sec-Butylbenzene	11.642	105	17659	0.331	ug/l	99
80) Nitrobenzene	13.214	77	2774	6.107	ug/l #	85
81) p-Isopropyltoluene	11.793	119	13023	0.301	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	11514	0.526	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	10129	0.456	ug/l	92
84) n-Butylbenzene	12.211	91	14320	0.360	ug/l	91
85) 1,2-Dichlorobenzene	12.214	146	12262	0.573	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1670	0.904	ug/l #	73
87) 1,2,4-Trichlorobenzene	13.841	180	8937	0.658	ug/l	98
88) Hexachlorobutadiene	14.018	225	4596	0.635	ug/l	94
89) Naphthalene	14.089	128	27100	0.961	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	10127	0.765	ug/l	97

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

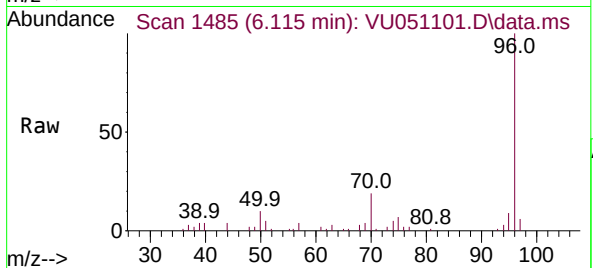
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U100422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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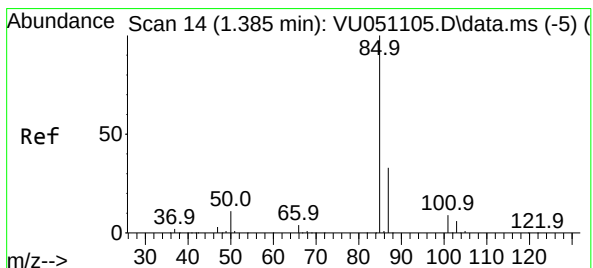
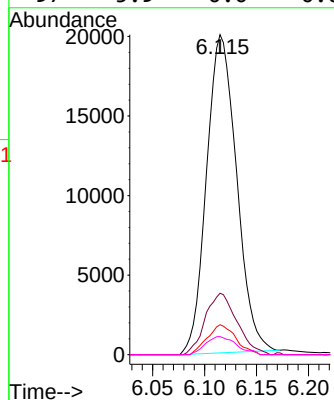
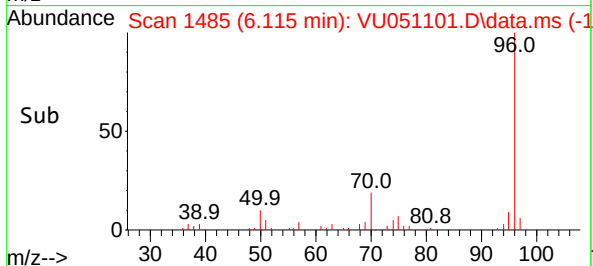


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

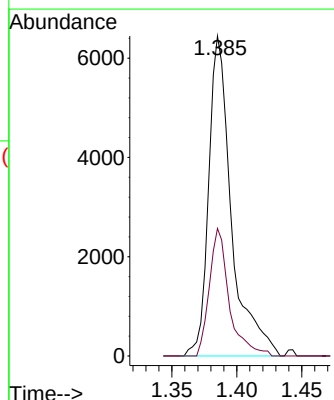
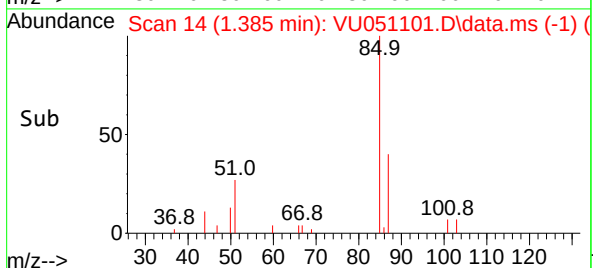
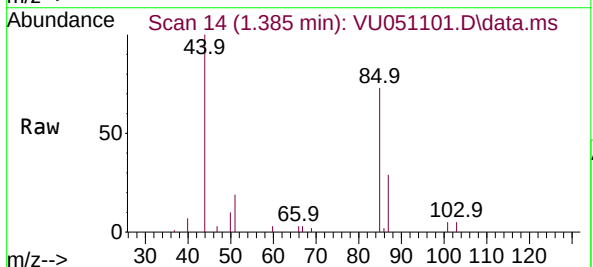


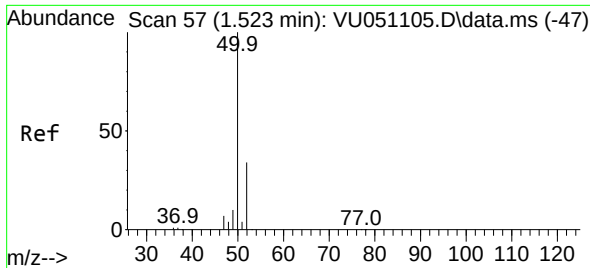
Tgt Ion: 96	Resp: 40258
Ion Ratio	Lower Upper
96 100	
70 20.3	16.7 25.1
95 8.9	7.4 11.0
97 5.9	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.526 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 85	Resp: 7859
Ion Ratio	Lower Upper
85 100	
87 39.8	16.3 48.8

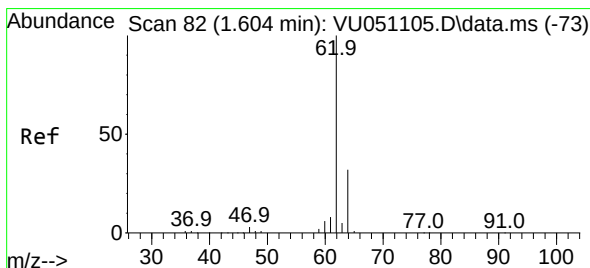
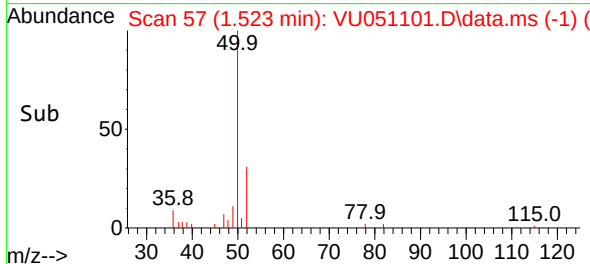
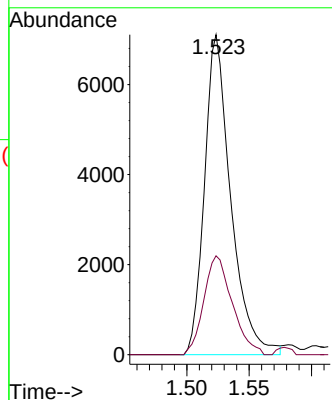
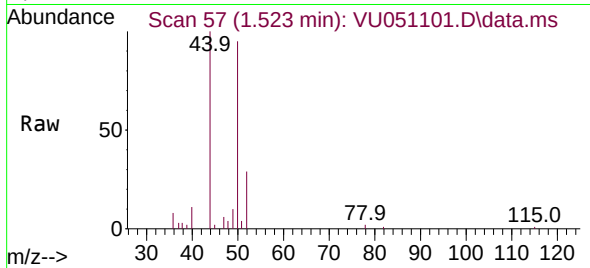




#3
Chloromethane
Concen: 0.652 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

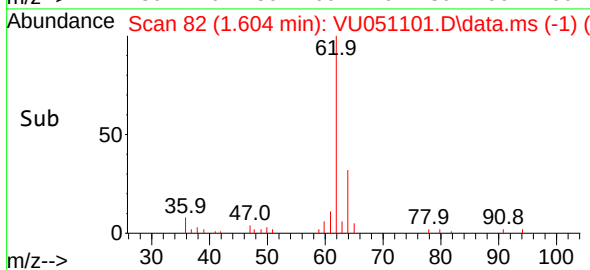
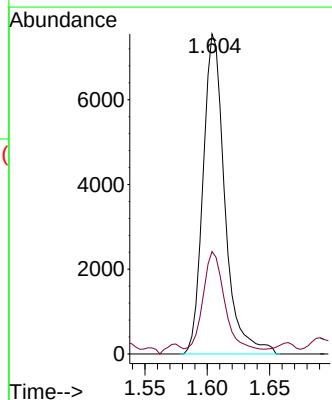
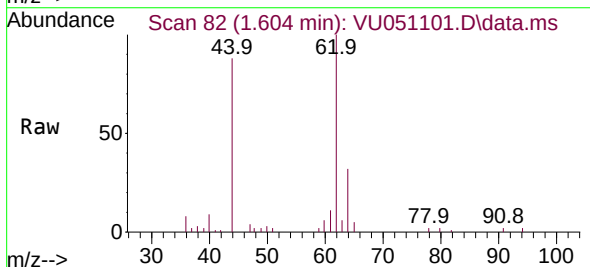
Instrument :
MSVOA_U
ClientSampleId :

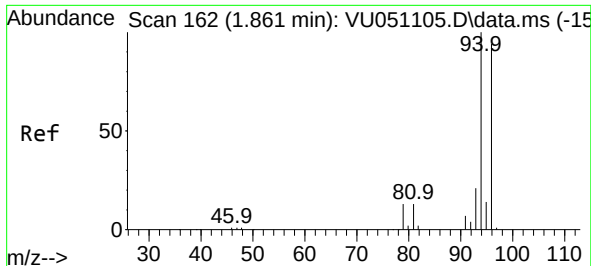
Tgt Ion: 50 Resp: 10426
Ion Ratio Lower Upper
50 100
52 30.9 26.1 39.1



#4
Vinyl Chloride
Concen: 0.623 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

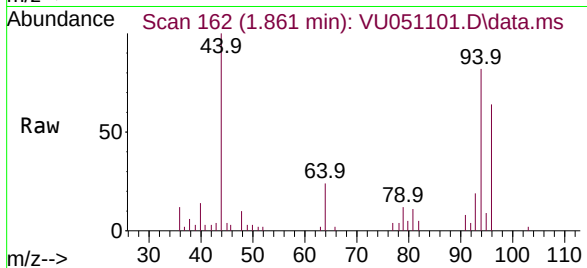
Tgt Ion: 62 Resp: 9164
Ion Ratio Lower Upper
62 100
64 29.8 25.5 38.3



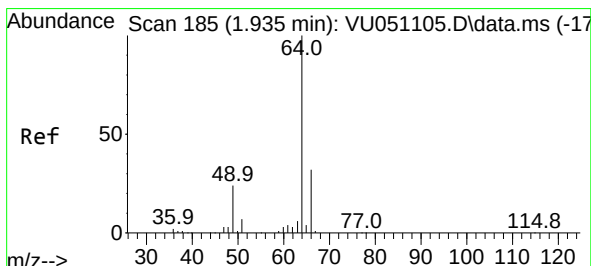
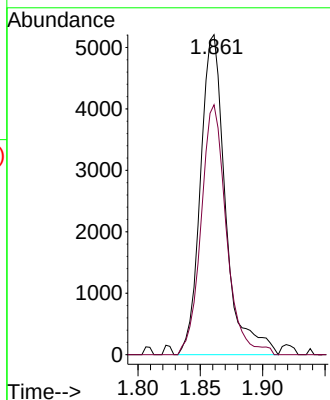
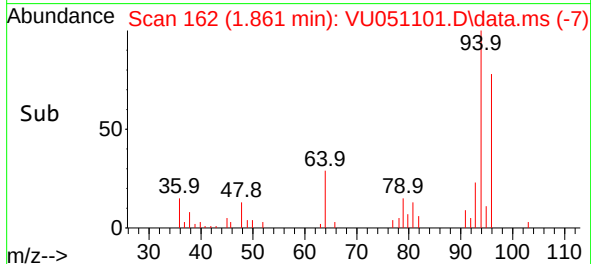


#5
Bromomethane
Concen: 0.926 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

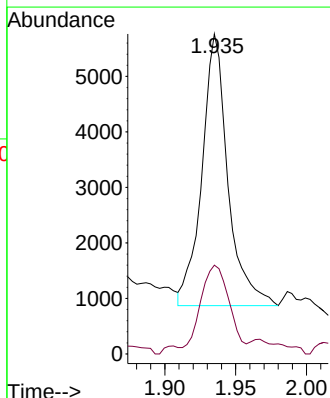
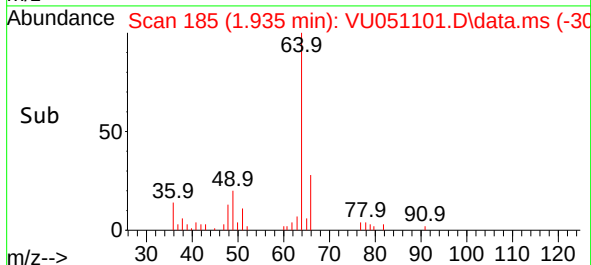
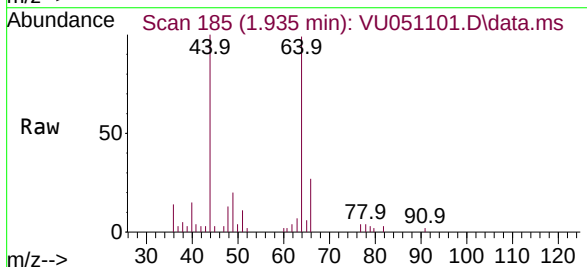


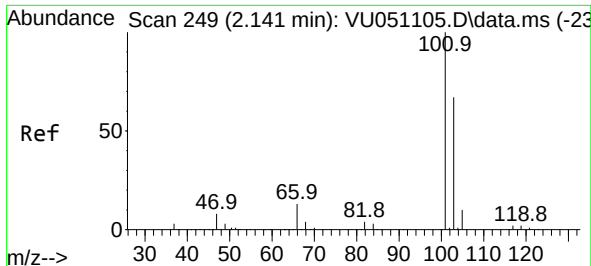
Tgt Ion: 94 Resp: 7301
Ion Ratio Lower Upper
94 100
96 78.1 73.0 109.6



#6
Chloroethane
Concen: 0.748 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 64 Resp: 6264
Ion Ratio Lower Upper
64 100
66 30.3 25.8 38.6

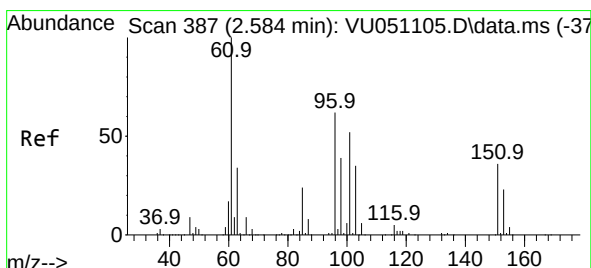
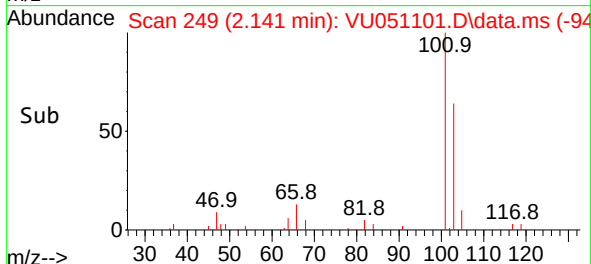
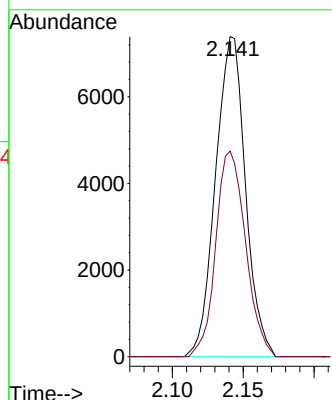
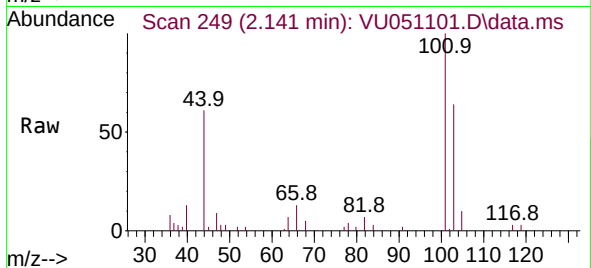




#7
Trichlorofluoromethane
Concen: 0.625 ug/l
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

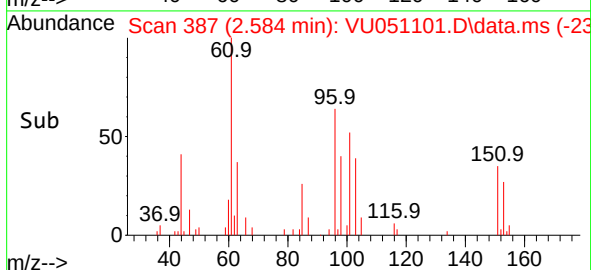
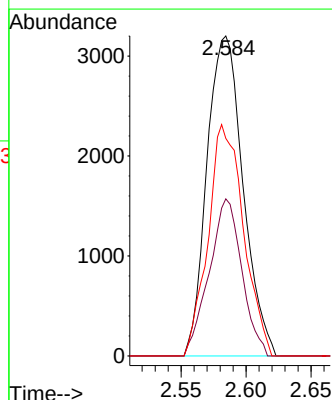
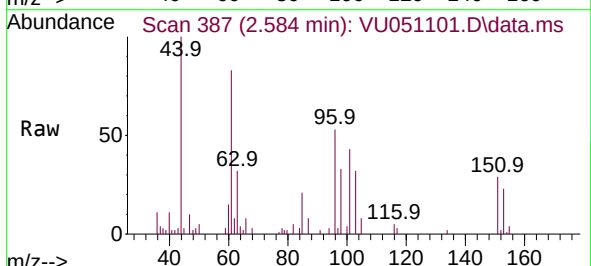
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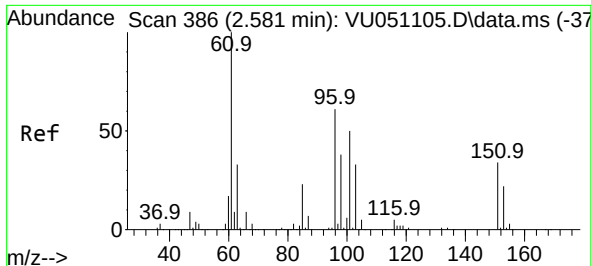
Tgt Ion:101 Resp: 10869
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.666 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:101 Resp: 6190
Ion Ratio Lower Upper
101 100
85 44.3 36.4 54.6
151 70.9 59.1 88.7

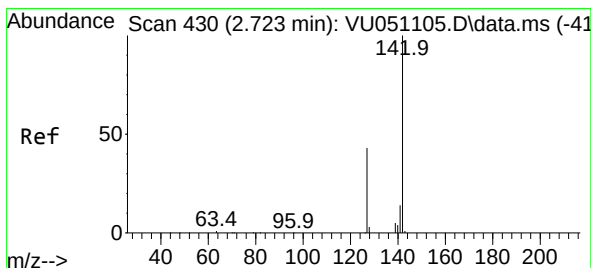
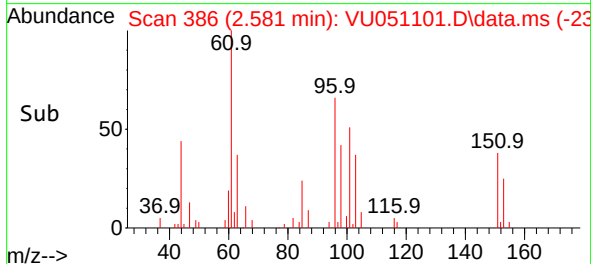
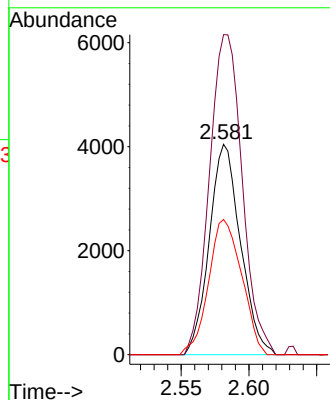
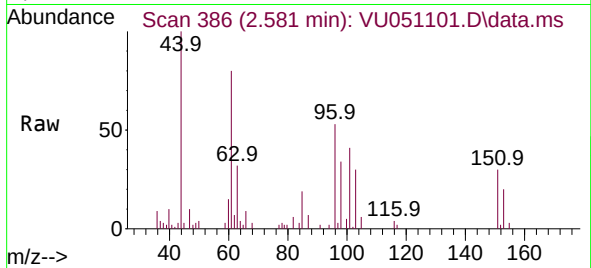




#9
1,1-Dichloroethene
Concen: 0.688 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

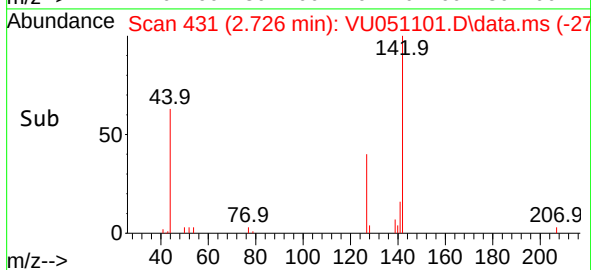
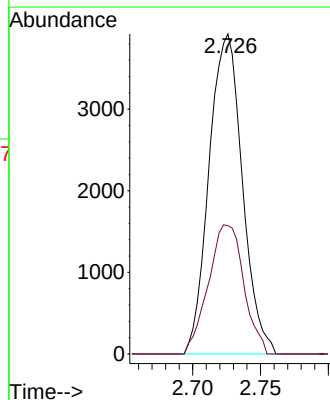
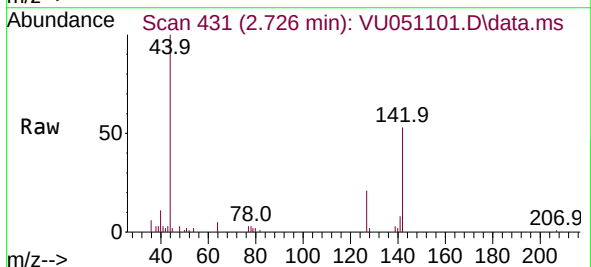
Instrument :
MSVOA_U
ClientSampleId :

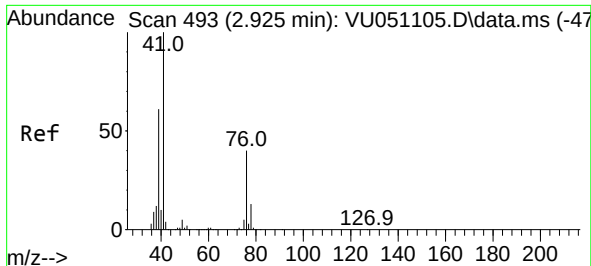
Tgt Ion: 96 Resp: 6484
Ion Ratio Lower Upper
96 100
61 152.1 0.0 510.6
98 64.2 0.0 124.6



#10
Iodomethane
Concen: 0.535 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 142 Resp: 6690
Ion Ratio Lower Upper
142 100
127 42.9 38.2 57.2





#11

Allyl Chloride

Concen: 0.582 ug/l

RT: 2.922 min Scan# 493

Delta R.T. -0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

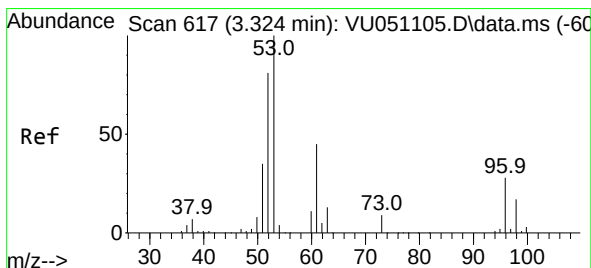
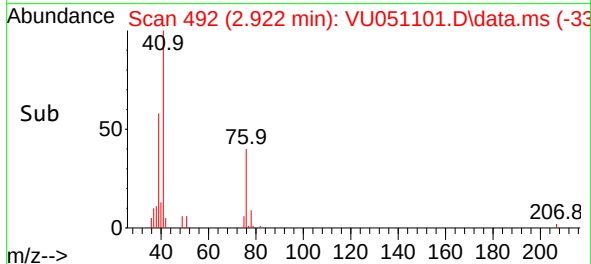
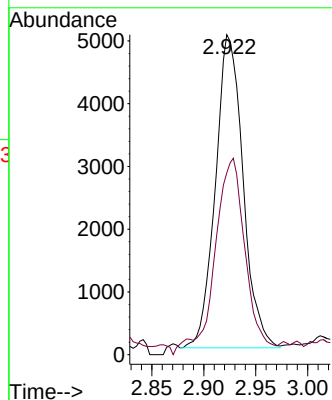
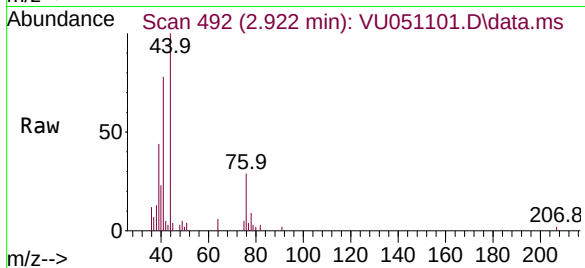
ClientSampleId :

Tgt Ion: 41 Resp: 9214

Ion Ratio Lower Upper

41 100

39 69.6 53.2 79.8



#12

Acrylonitrile

Concen: 1.893 ug/l

RT: 3.321 min Scan# 616

Delta R.T. -0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

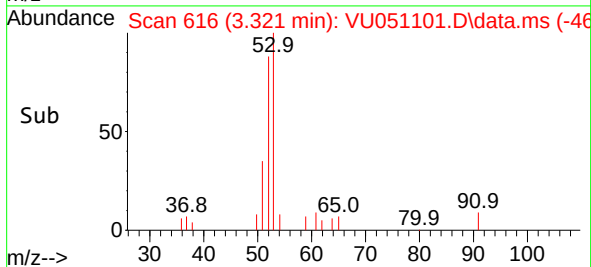
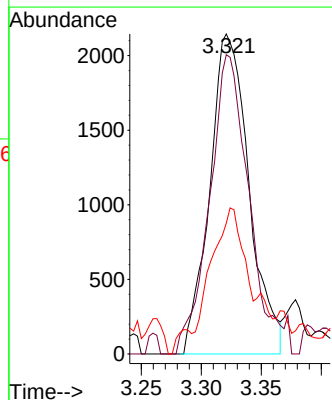
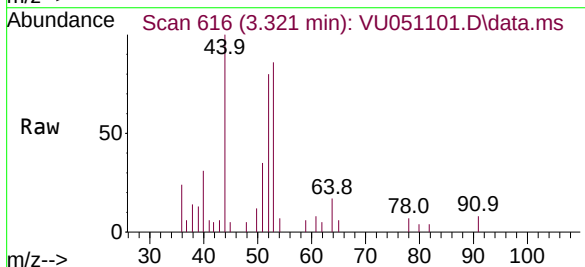
Tgt Ion: 53 Resp: 4890

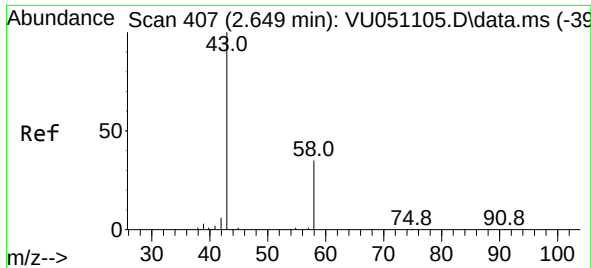
Ion Ratio Lower Upper

53 100

52 94.3 64.6 97.0

51 35.4 30.7 46.1





#13

Acetone

Concen: 5.332 ug/l

RT: 2.642 min Scan# 405

Delta R.T. -0.006 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

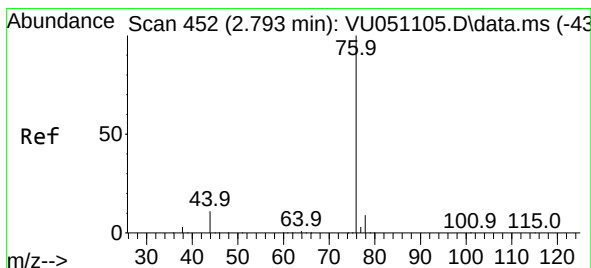
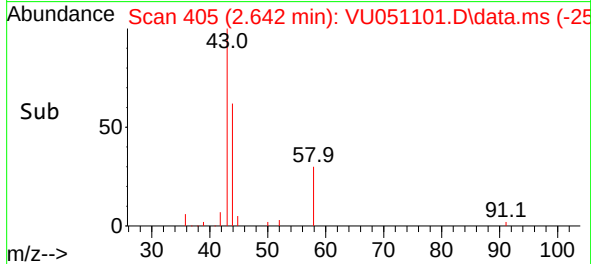
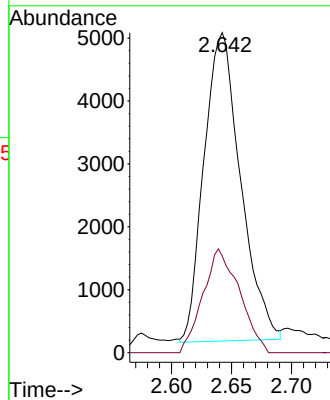
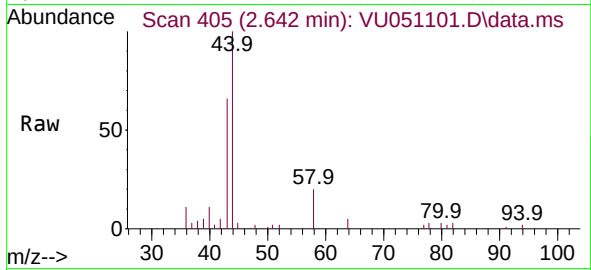
ClientSampleId :

Tgt Ion: 43 Resp: 10409

Ion Ratio Lower Upper

43 100

58 31.4 26.2 39.2



#14

Carbon Disulfide

Concen: 0.883 ug/l

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU051101.D

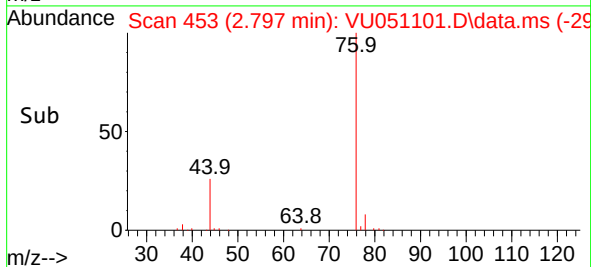
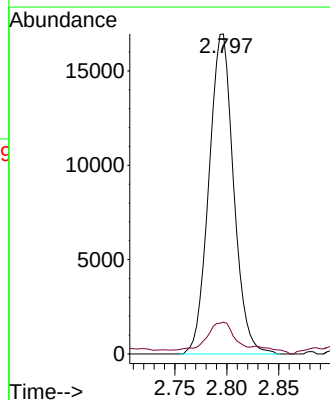
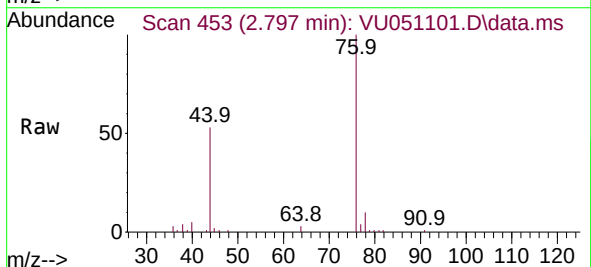
Acq: 04 Oct 2022 11:03

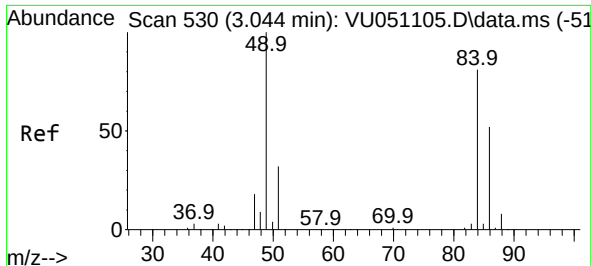
Tgt Ion: 76 Resp: 28039

Ion Ratio Lower Upper

76 100

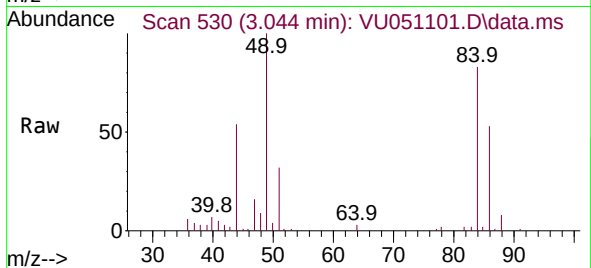
78 8.7 7.4 11.0





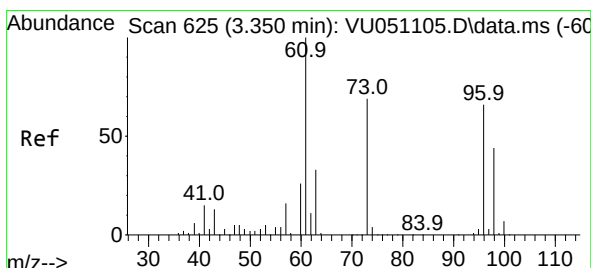
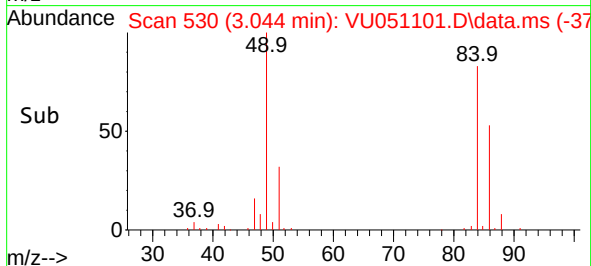
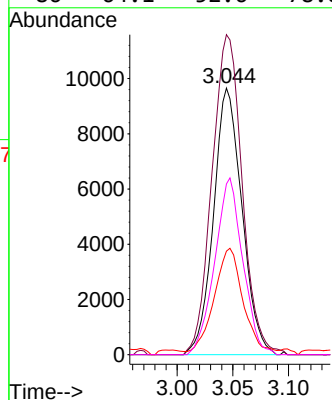
#15
Methylene Chloride
Concen: 1.417 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 17159

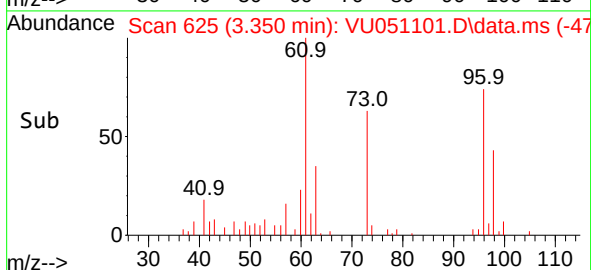
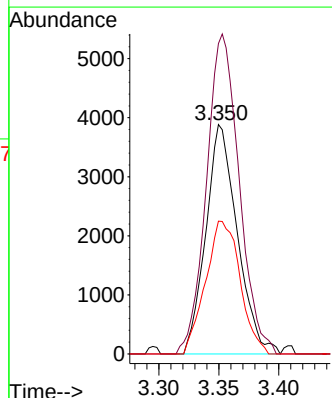
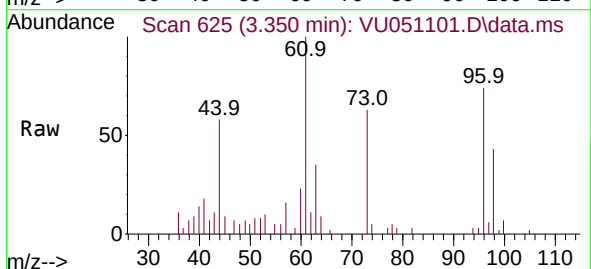
Ion	Ratio	Lower	Upper
84	100		
49	120.1	104.6	157.0
51	37.5	0.0	81.4
86	64.1	52.6	78.8

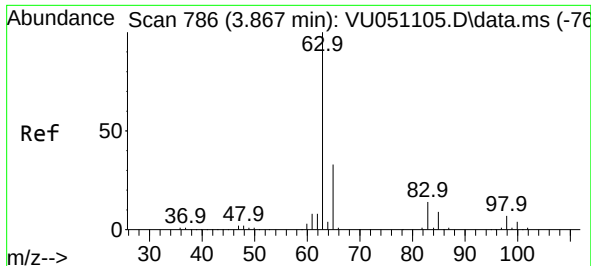


#16
trans-1,2-Dichloroethene
Concen: 0.709 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 96 Resp: 7084

Ion	Ratio	Lower	Upper
96	100		
61	135.3	123.4	185.0
98	57.8	51.6	77.4

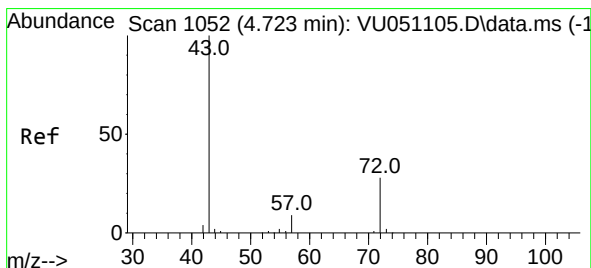
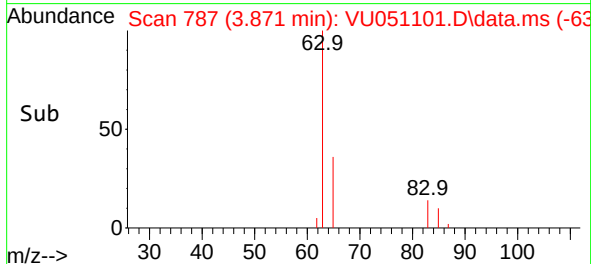
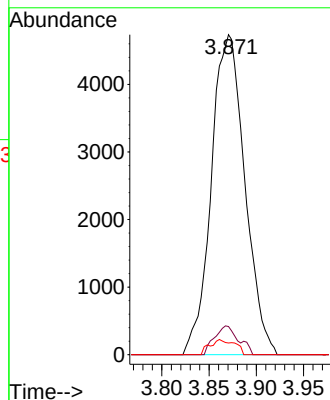
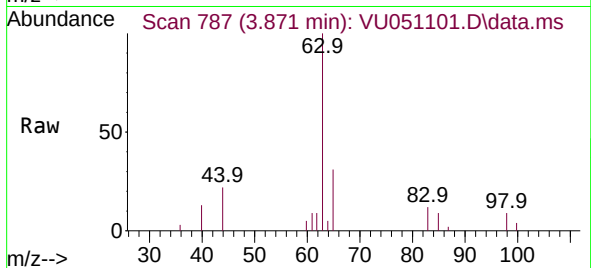




#17
 1,1-Dichloroethane
 Concen: 0.581 ug/l
 RT: 3.871 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

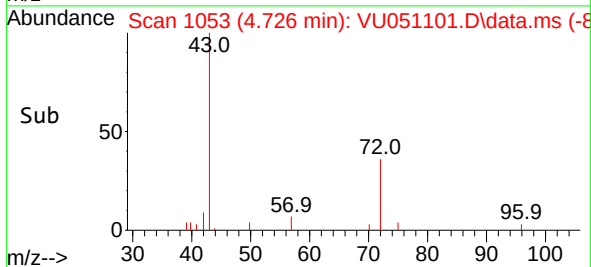
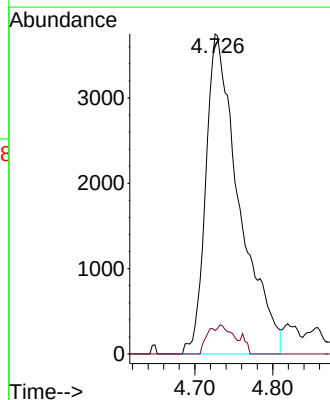
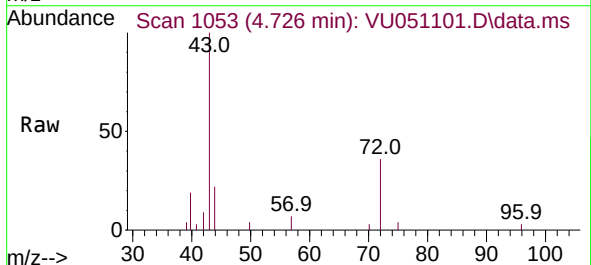
Instrument :
 MSVOA_U
 ClientSampleId :

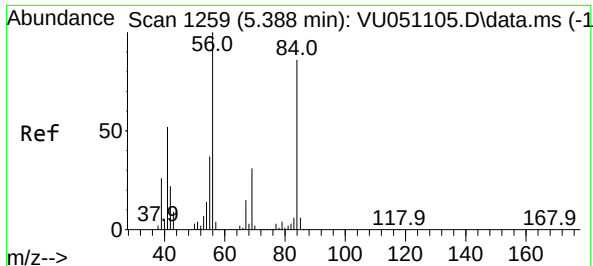
Tgt Ion: 63 Resp: 11685
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.4 10.2
 100 3.7 2.0 6.0



#18
 2-Butanone
 Concen: 3.435 ug/l
 RT: 4.726 min Scan# 1053
 Delta R.T. 0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

Tgt Ion: 43 Resp: 11203
 Ion Ratio Lower Upper
 43 100
 57 7.3 0.0 18.0





#19

Cyclohexane

Concen: 0.356 ug/l

RT: 5.391 min Scan# 1

Delta R.T. 0.003 min

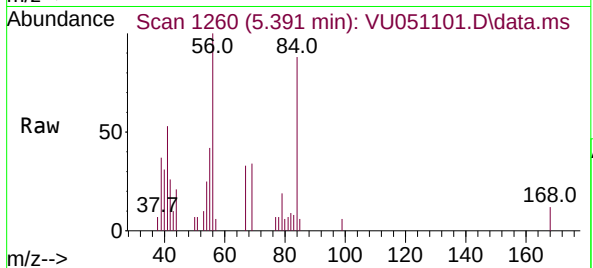
Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :



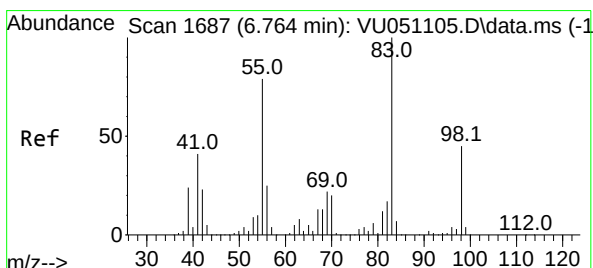
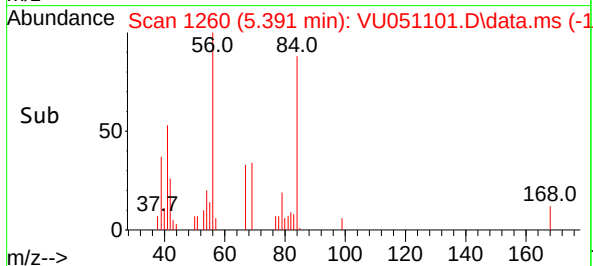
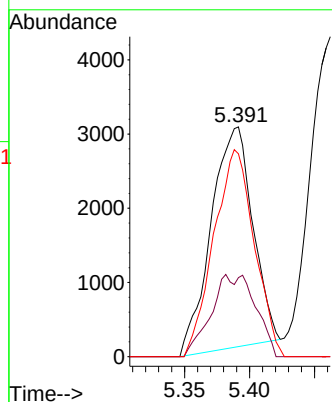
Tgt Ion: 56 Resp: 6629

Ion Ratio Lower Upper

56 100

69 21.6 24.2 36.4#

84 91.2 63.4 95.2



#20

Methylcyclohexane

Concen: 0.410 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

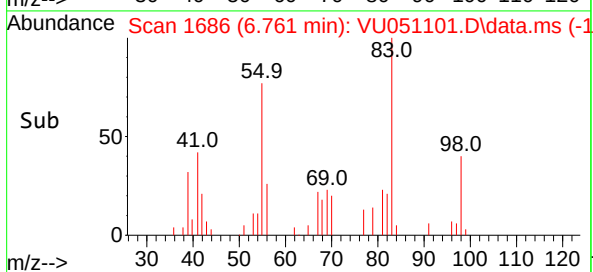
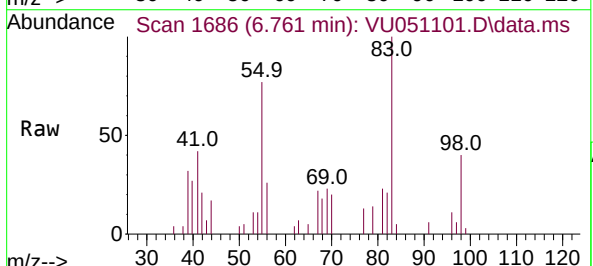
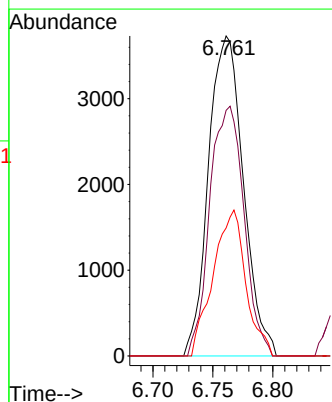
Tgt Ion: 83 Resp: 7545

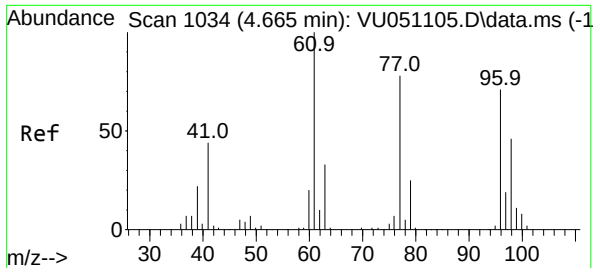
Ion Ratio Lower Upper

83 100

55 76.5 63.0 94.4

98 42.8 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.480 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

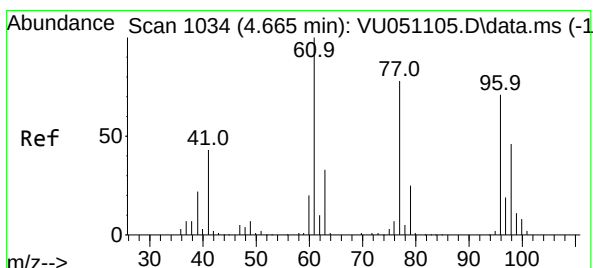
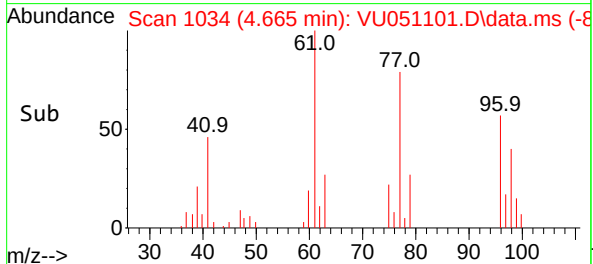
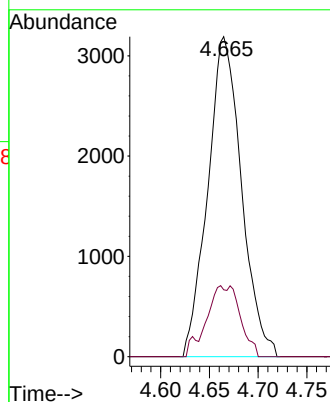
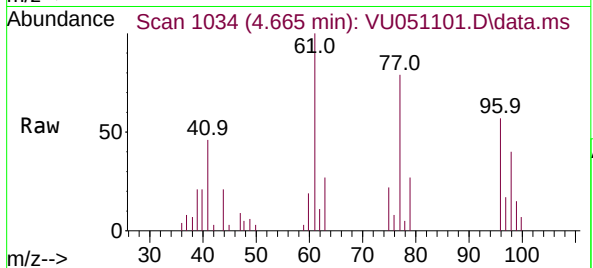
ClientSampleId :

Tgt Ion: 77 Resp: 7674

Ion Ratio Lower Upper

77 100

97 20.5 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 0.517 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

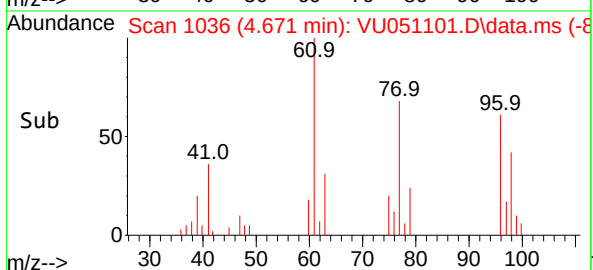
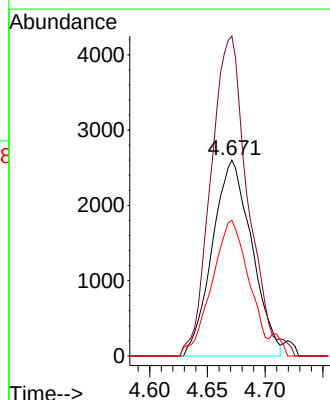
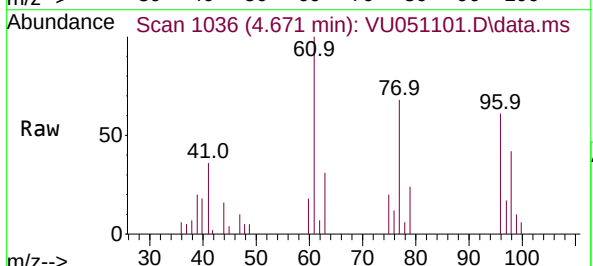
Tgt Ion: 96 Resp: 6167

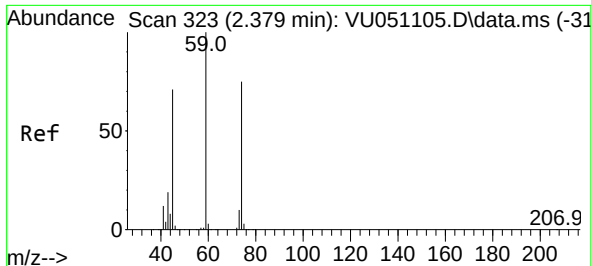
Ion Ratio Lower Upper

96 100

61 153.3 0.0 375.8

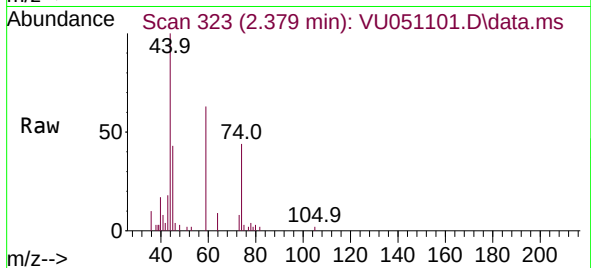
98 65.2 31.6 95.0



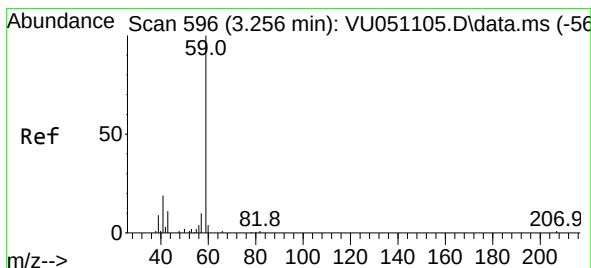
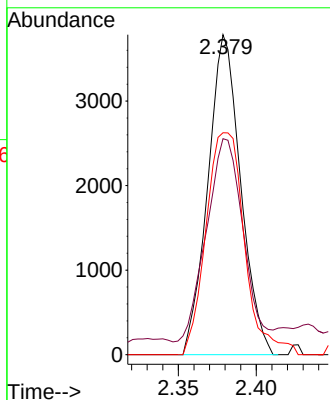
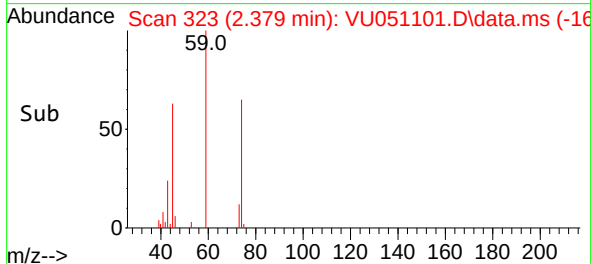


#23
Diethyl Ether
Concen: 0.682 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

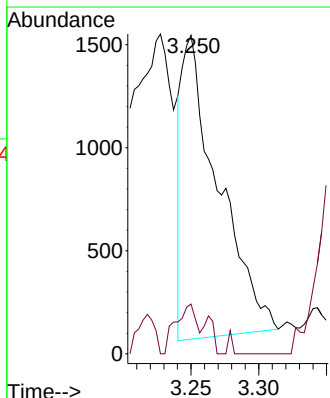
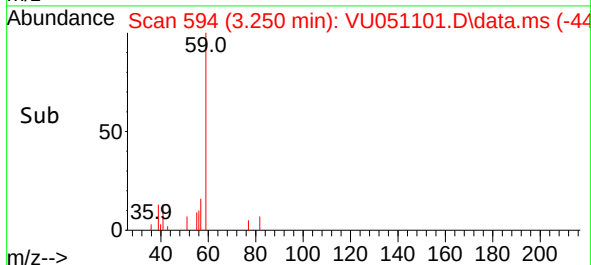
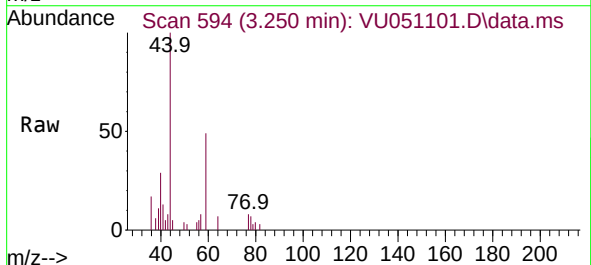


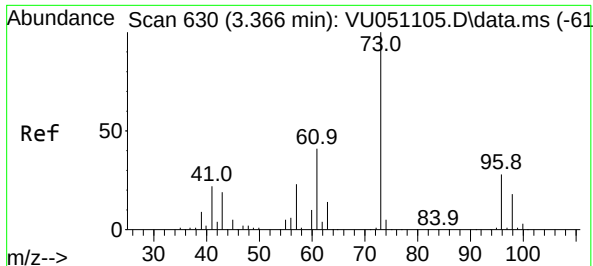
Tgt Ion: 59 Resp: 5532
Ion Ratio Lower Upper
59 100
45 70.5 56.0 84.0
74 81.5 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 3.347 ug/l
RT: 3.250 min Scan# 594
Delta R.T. -0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 59 Resp: 2751
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2

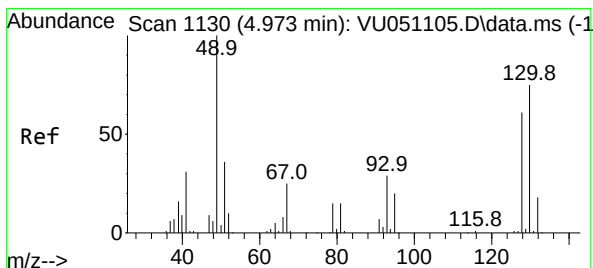
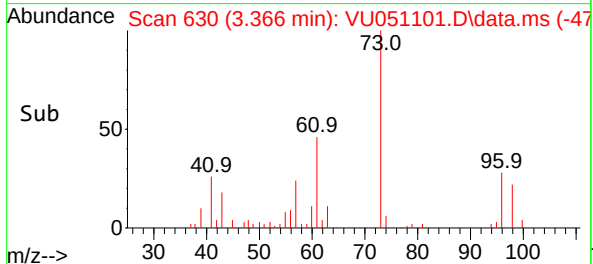
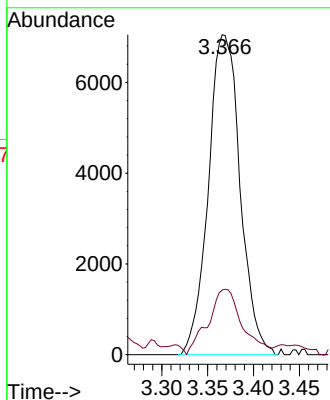
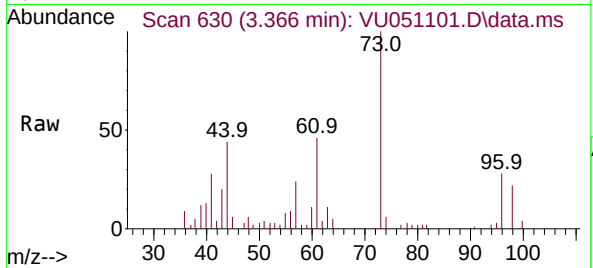




#25
Methyl tert-Butyl Ether
Concen: 0.650 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

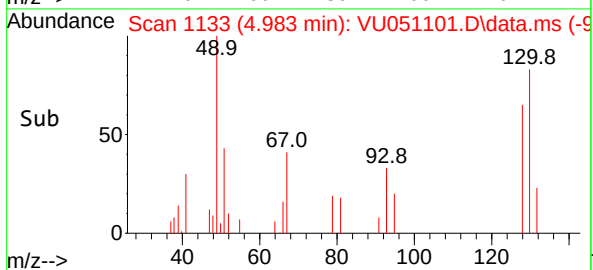
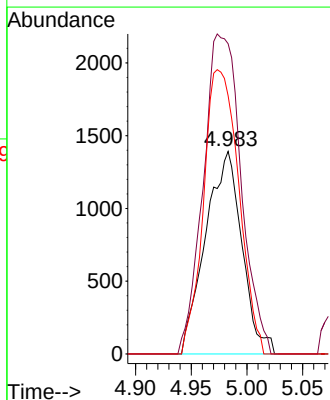
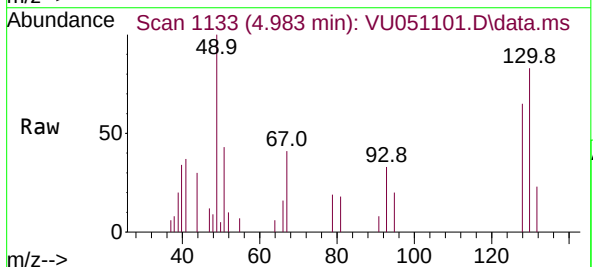
Instrument :
MSVOA_U
ClientSampleId :

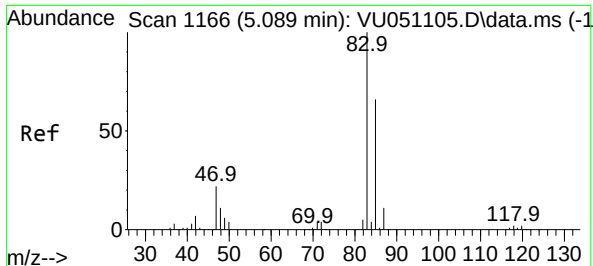
Tgt Ion: 73 Resp: 16977
Ion Ratio Lower Upper
73 100
43 22.1 15.9 23.9



#26
Bromochloromethane
Concen: 0.618 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.010 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 128 Resp: 3161
Ion Ratio Lower Upper
128 100
49 164.6 0.0 349.2
130 136.1 103.0 154.6





#27

Chloroform

Concen: 0.609 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

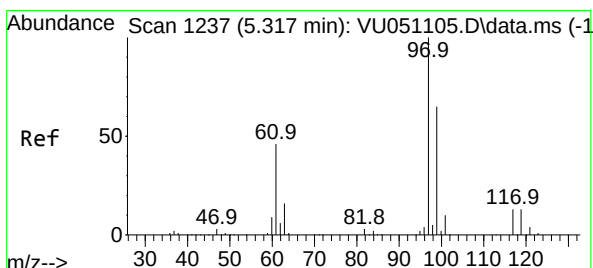
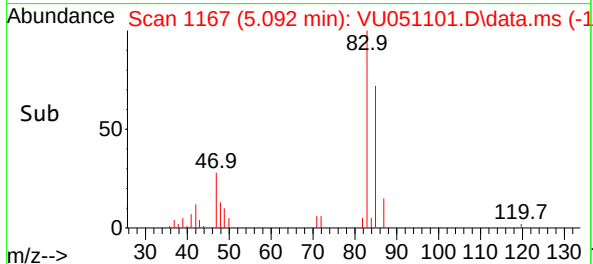
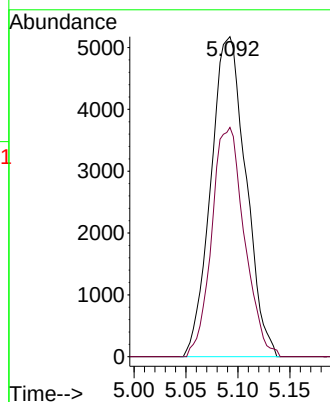
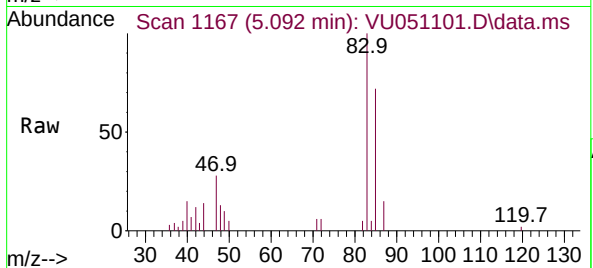
ClientSampleId :

Tgt Ion: 83 Resp: 12143

Ion Ratio Lower Upper

83 100

85 71.6 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.575 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

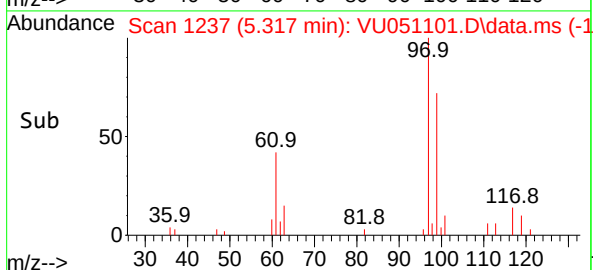
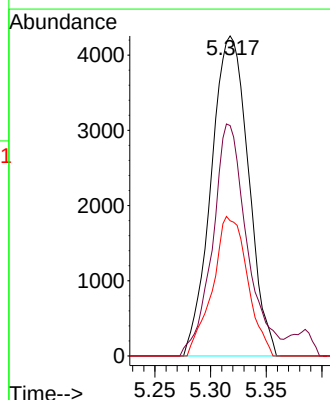
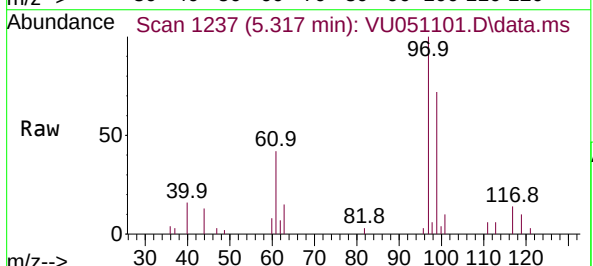
Tgt Ion: 97 Resp: 9912

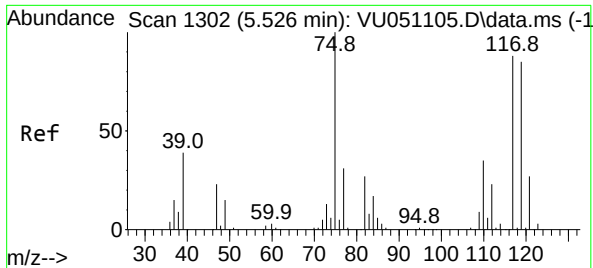
Ion Ratio Lower Upper

97 100

99 67.2 32.1 96.5

61 40.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.441 ug/l

RT: 5.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

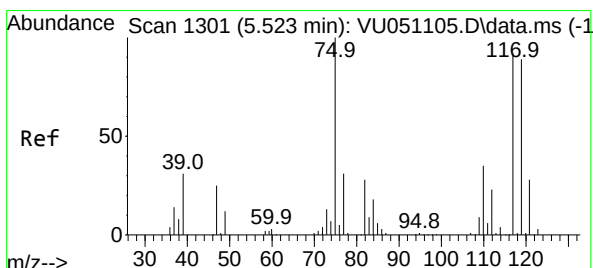
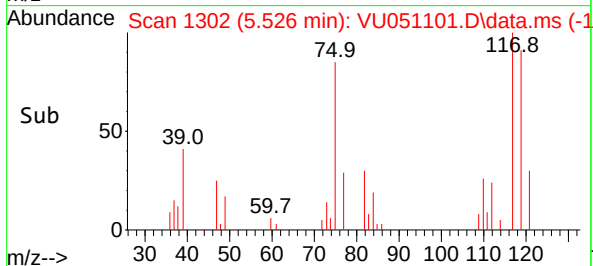
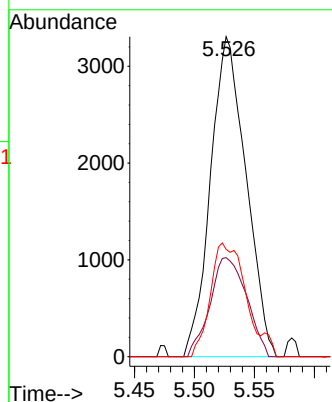
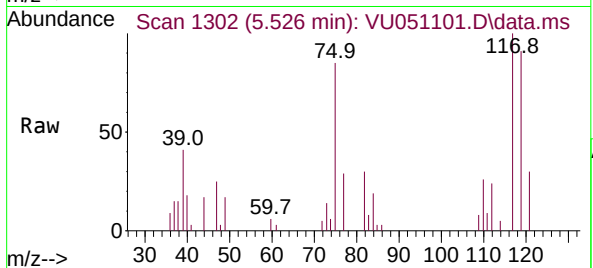
Tgt Ion: 75 Resp: 6784

Ion Ratio Lower Upper

75 100

110 32.0 17.3 52.0

77 35.9 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.583 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

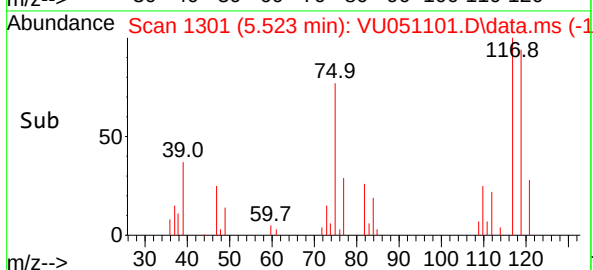
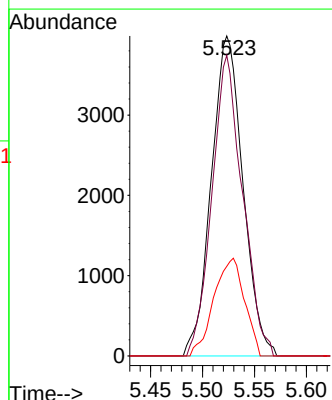
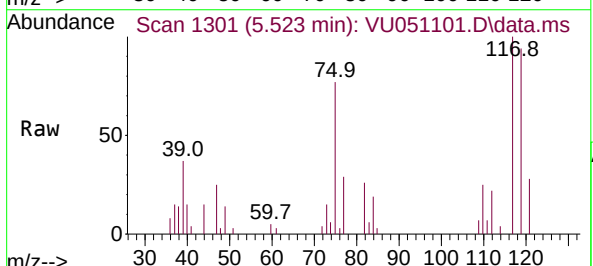
Tgt Ion: 117 Resp: 8430

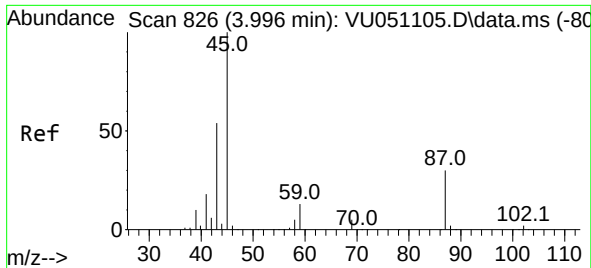
Ion Ratio Lower Upper

117 100

119 94.0 74.6 112.0

121 28.0 24.2 36.4

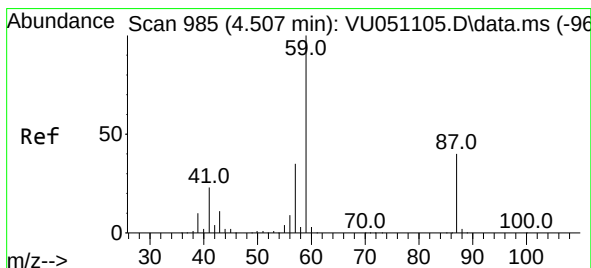
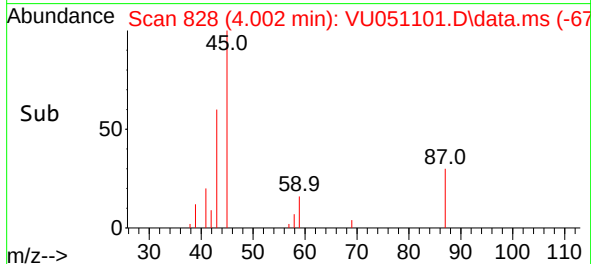
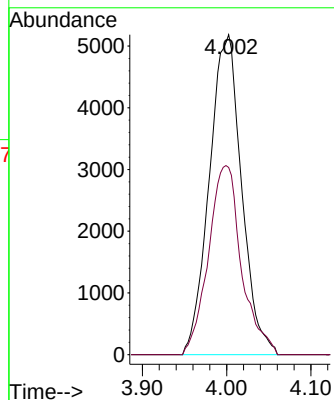
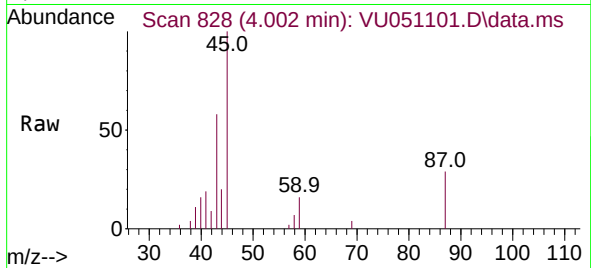




#31
Isopropyl Ether
Concen: 0.414 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

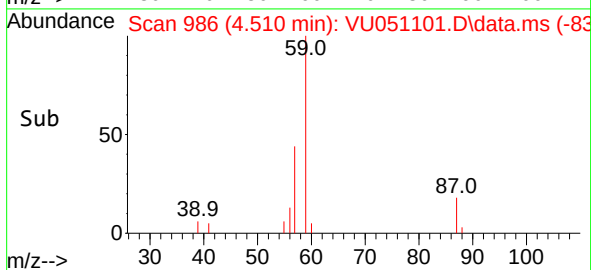
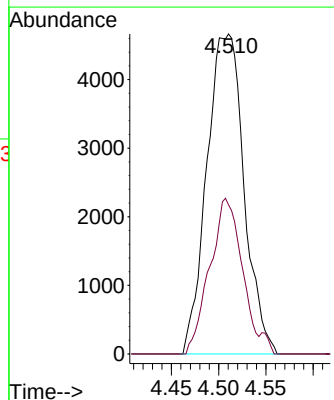
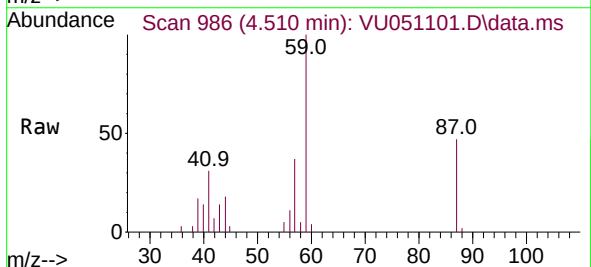
Instrument :
MSVOA_U
ClientSampleId :

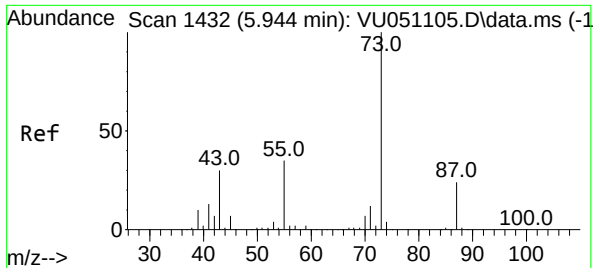
Tgt Ion: 45 Resp: 13786
Ion Ratio Lower Upper
45 100
43 60.5 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.408 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

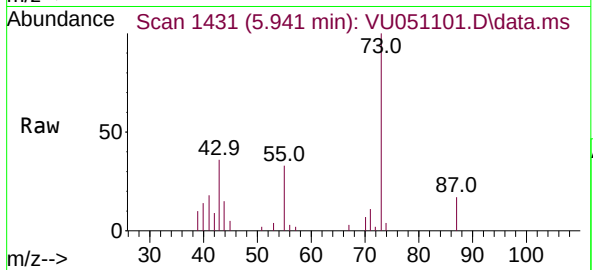
Tgt Ion: 59 Resp: 12758
Ion Ratio Lower Upper
59 100
87 37.2 32.5 48.7



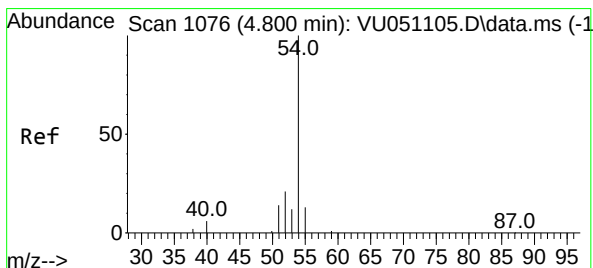
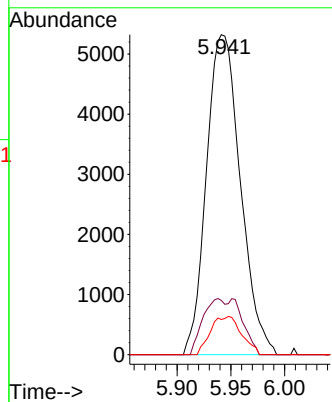
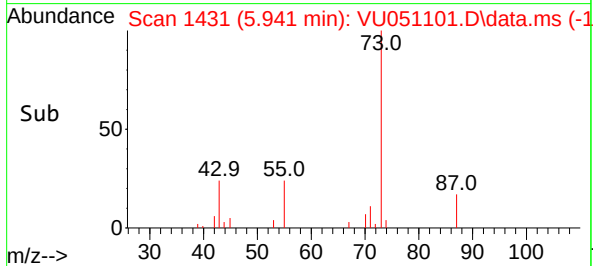


#33
Tert-Amyl methyl ether
Concen: 0.425 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

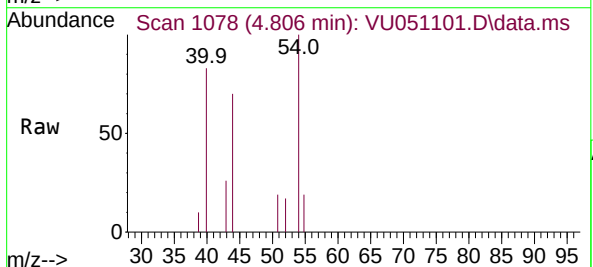
Instrument :
MSVOA_U
ClientSampleId :



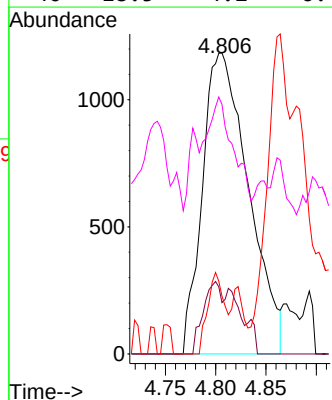
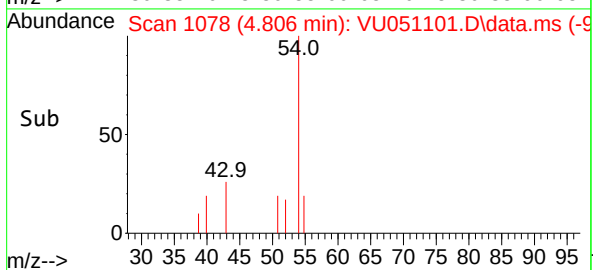
Tgt Ion: 73 Resp: 11690
Ion Ratio Lower Upper
73 100
87 11.4 19.7 29.5#
71 10.9 9.0 13.4

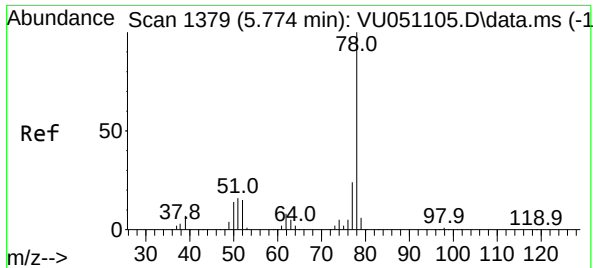


#34
Propionitrile
Concen: 4.008 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03



Tgt Ion: 54 Resp: 3768
Ion Ratio Lower Upper
54 100
52 9.4 15.0 22.6#
55 9.8 12.6 19.0#
40 18.5 4.2 6.4#

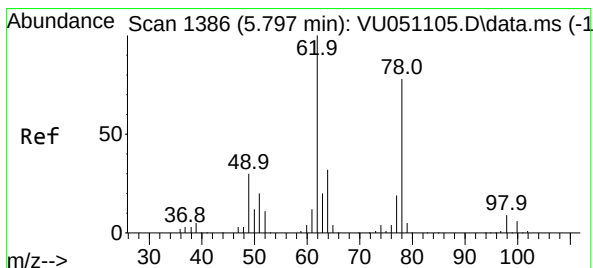
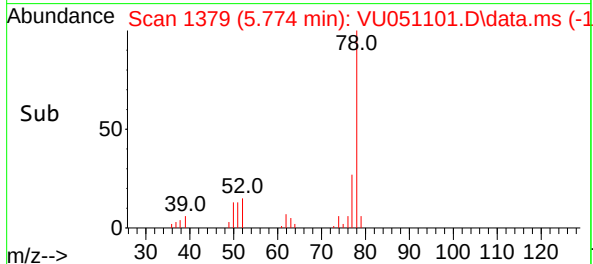
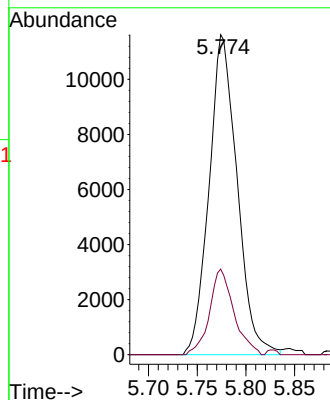
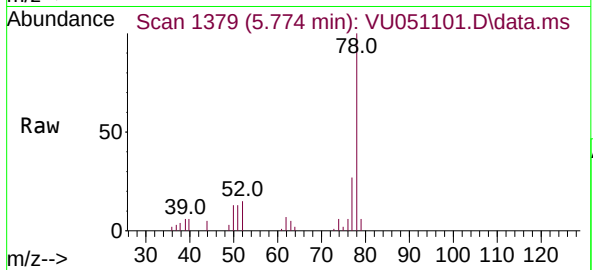




#35
Benzene
Concen: 0.523 ug/l
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

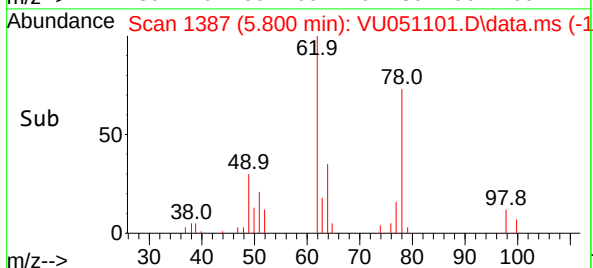
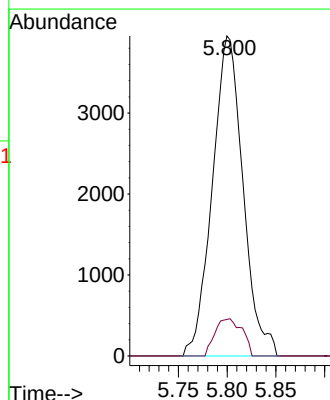
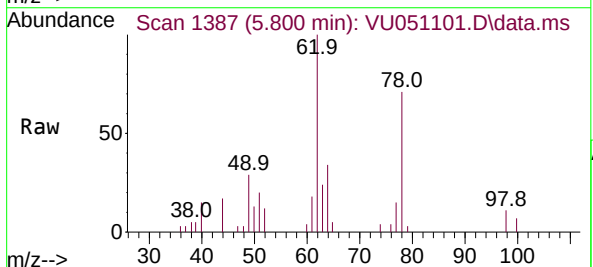
Instrument :
MSVOA_U
ClientSampleId :

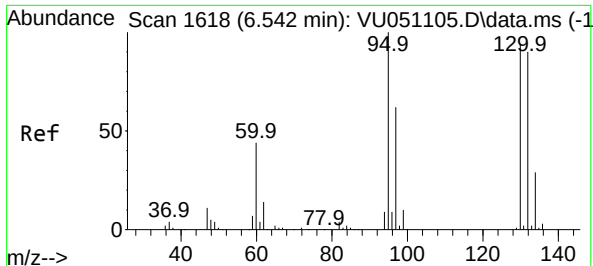
Tgt Ion: 78 Resp: 23255
Ion Ratio Lower Upper
78 100
77 26.8 18.6 28.0



#36
1,2-Dichloroethane
Concen: 0.673 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 62 Resp: 8636
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0





#37

Trichloroethene

Concen: 0.555 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

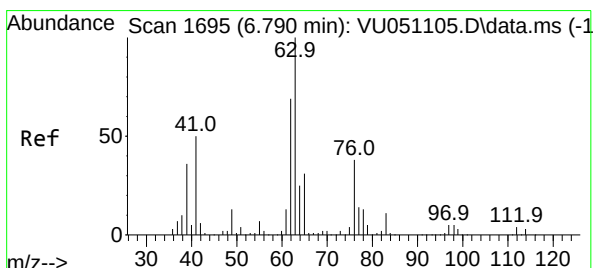
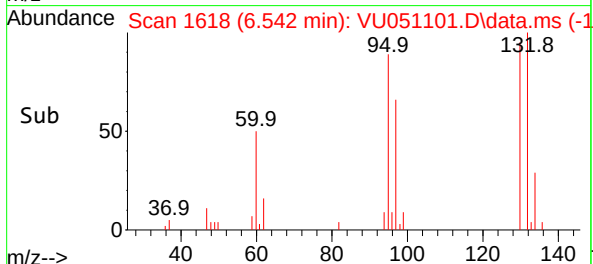
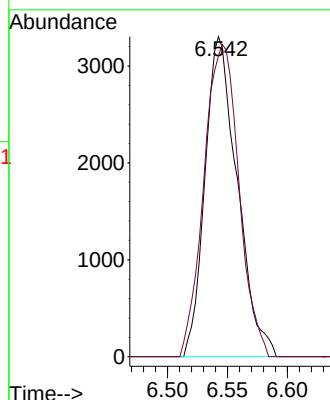
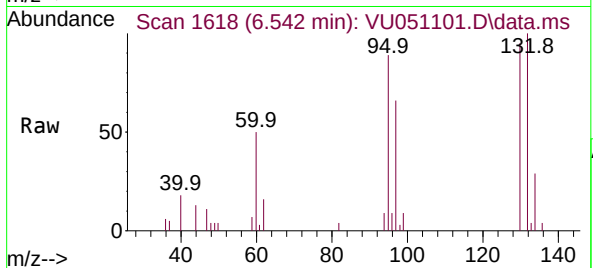
ClientSampleId :

Tgt Ion:130 Resp: 6185

Ion Ratio Lower Upper

130 100

95 93.9 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.568 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU051101.D

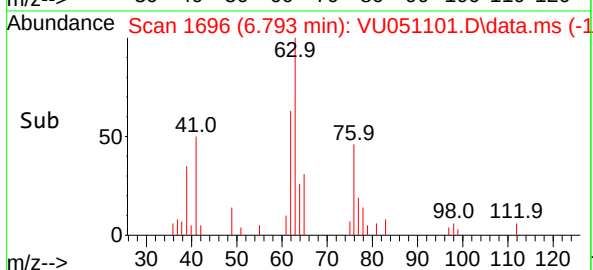
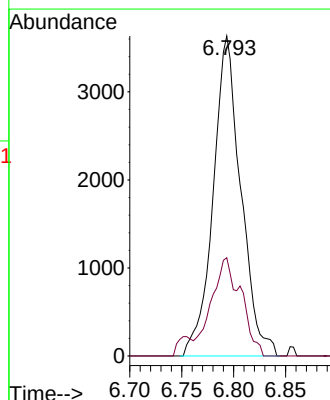
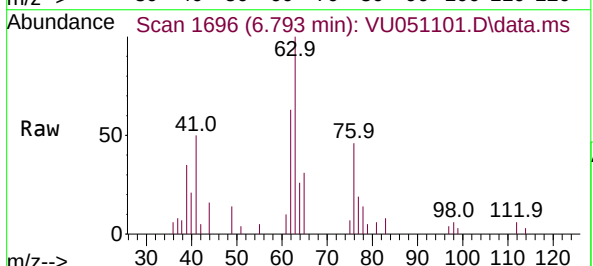
Acq: 04 Oct 2022 11:03

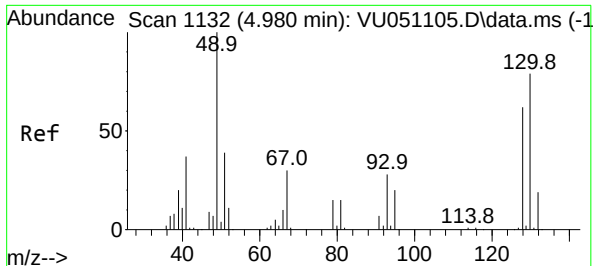
Tgt Ion: 63 Resp: 6743

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4





#39

Methacrylonitrile

Concen: 0.428 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

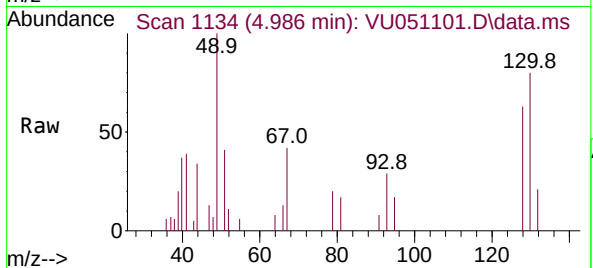
Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 1701

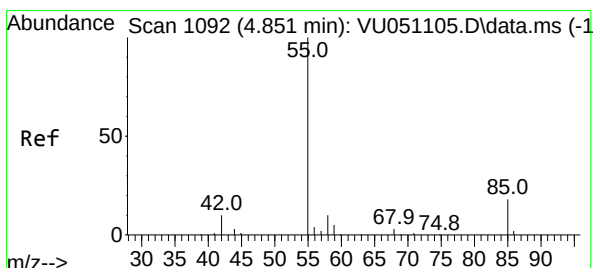
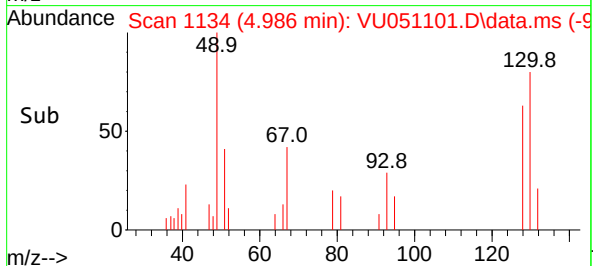
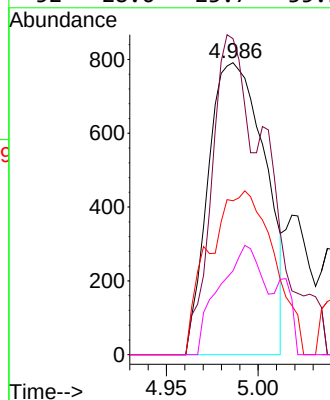
Ion Ratio Lower Upper

41 100

67 74.2 59.4 89.0

39 64.1 42.2 63.2#

52 28.6 23.7 35.5



#40

Methyl acrylate

Concen: 0.016 ug/l

RT: 4.822 min Scan# 1083

Delta R.T. -0.029 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Tgt Ion: 55 Resp: 100

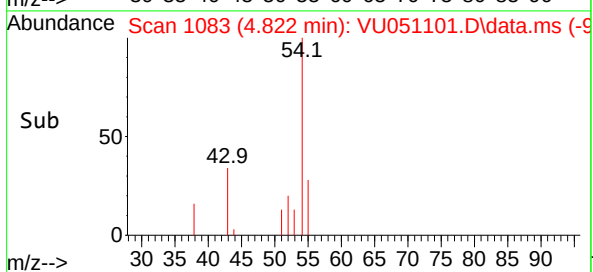
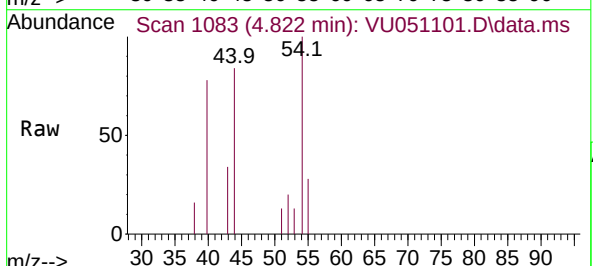
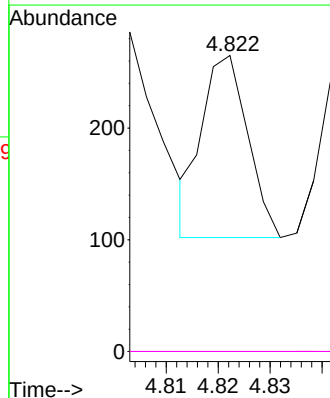
Ion Ratio Lower Upper

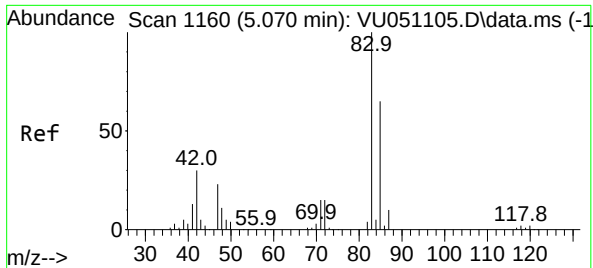
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 81.0 7.0 10.6#





#41

Tetrahydrofuran

Concen: 0.972 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.013 min

Lab File: VU051101.D

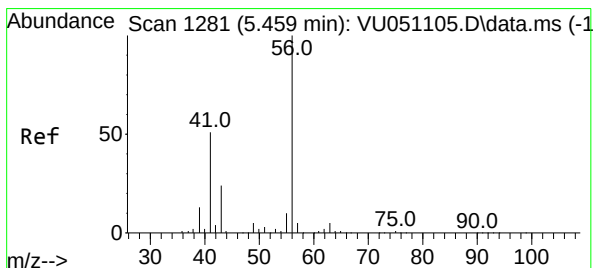
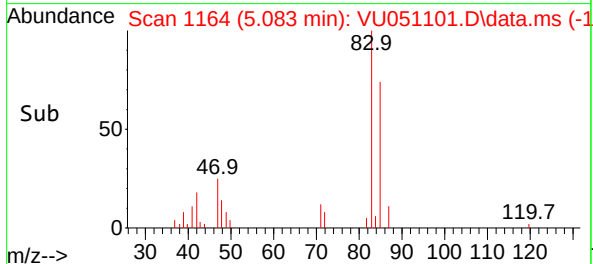
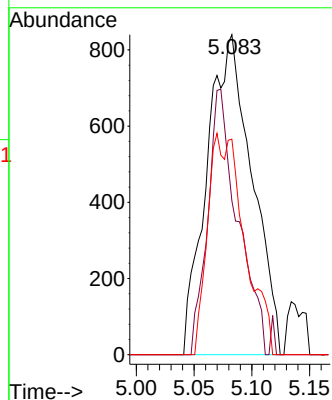
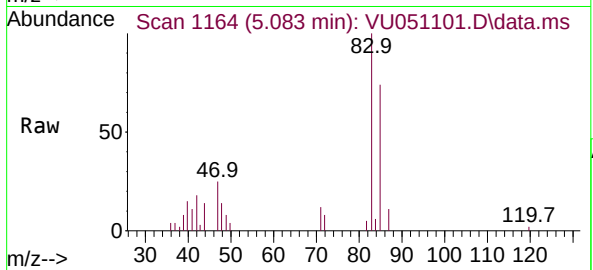
Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	2288
Ion	Ratio	Lower	Upper
42	100		
72	55.2	38.9	58.3
71	26.4	33.7	50.5



#42

1-Chlorobutane

Concen: 0.434 ug/l

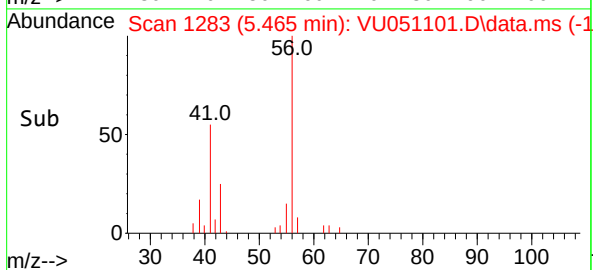
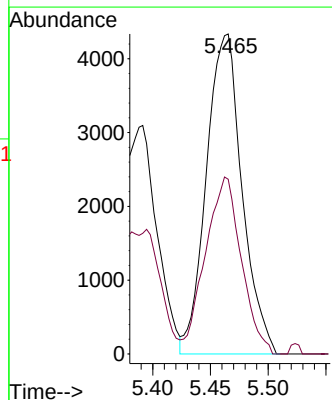
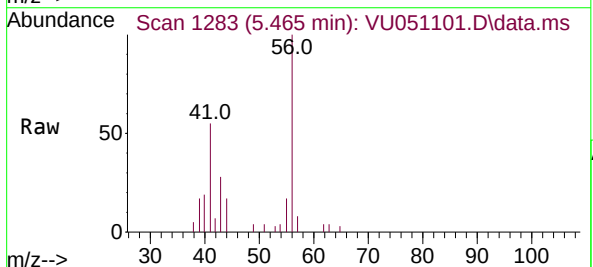
RT: 5.465 min Scan# 1283

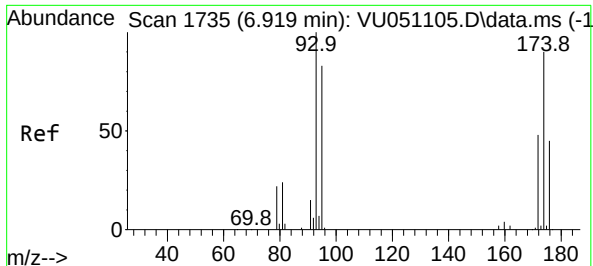
Delta R.T. 0.006 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Tgt Ion:	56	Resp:	9330
Ion	Ratio	Lower	Upper
56	100		
41	55.8	26.4	79.2





#43

Dibromomethane

Concen: 0.681 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

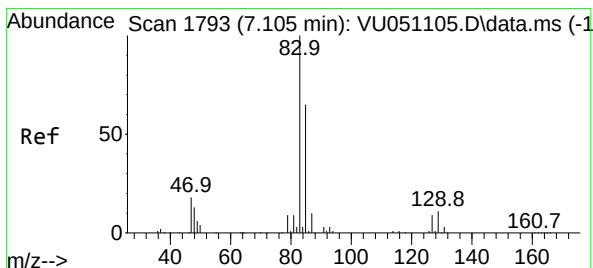
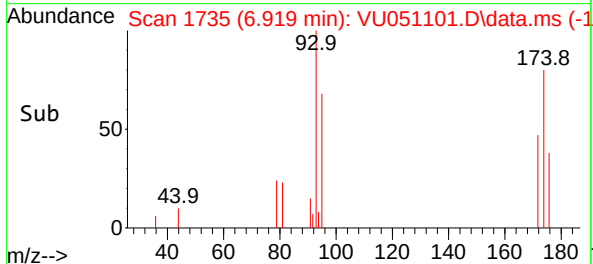
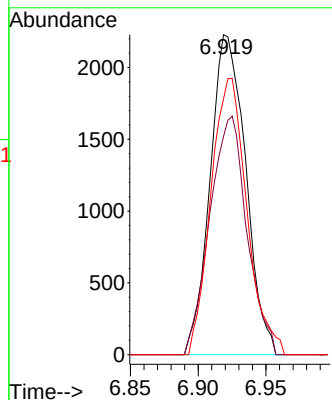
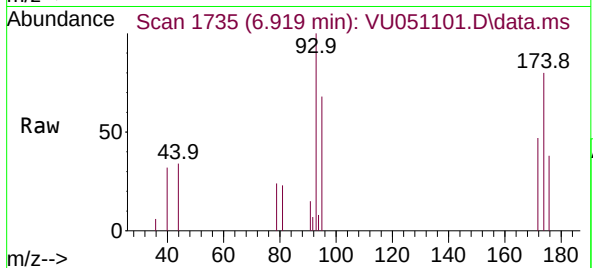
Tgt Ion: 93 Resp: 4057

Ion Ratio Lower Upper

93 100

95 78.0 65.0 97.6

174 87.5 76.3 114.5



#44

Bromodichloromethane

Concen: 0.626 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

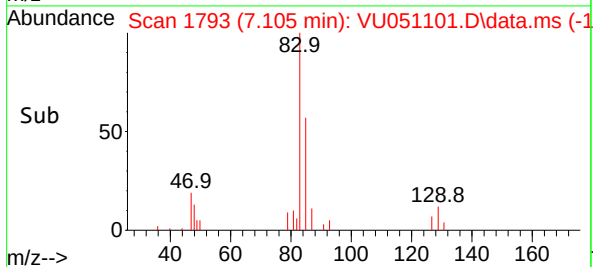
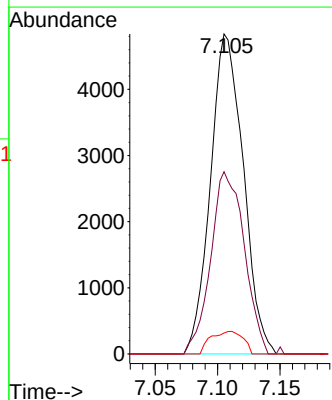
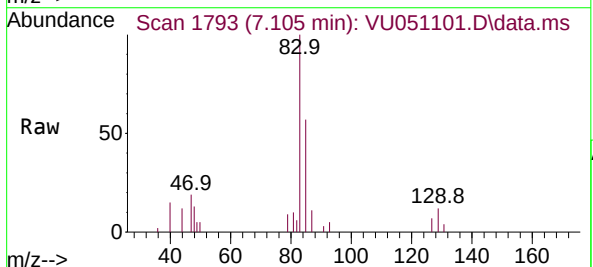
Tgt Ion: 83 Resp: 8861

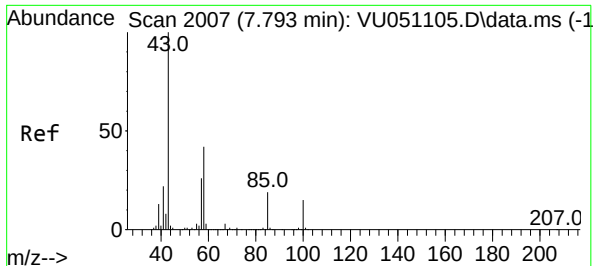
Ion Ratio Lower Upper

83 100

85 57.0 49.4 74.0

127 6.6 6.6 10.0#





#45

4-Methyl-2-Pentanone

Concen: 2.796 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

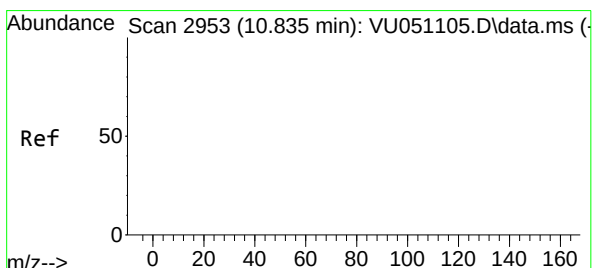
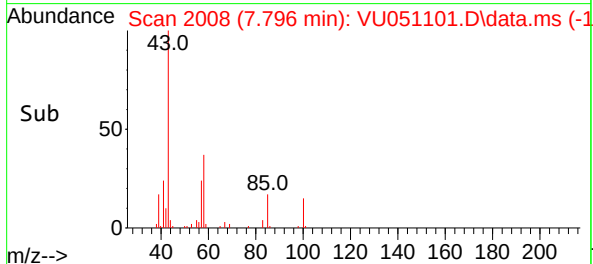
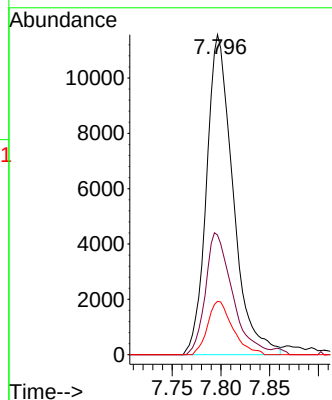
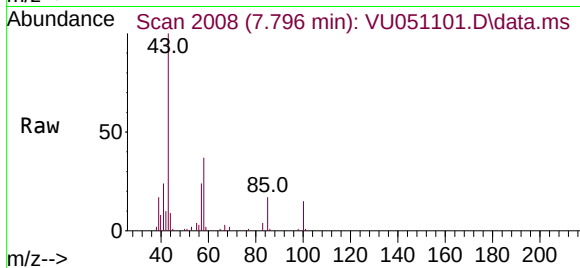
Tgt Ion: 43 Resp: 21895

Ion Ratio Lower Upper

43 100

58 38.7 20.3 61.0

85 15.8 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 3.488 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Tgt Ion: 75 Resp: 8842

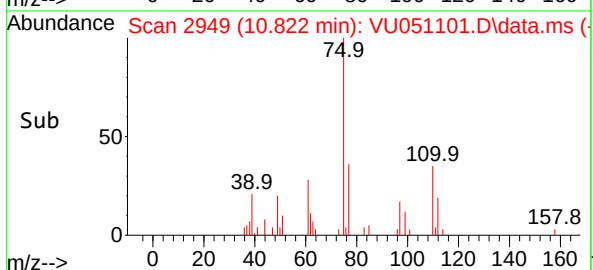
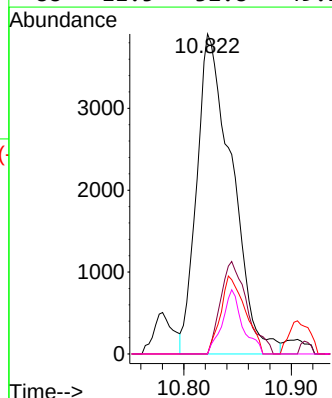
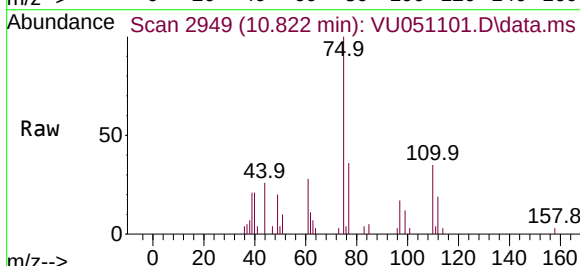
Ion Ratio Lower Upper

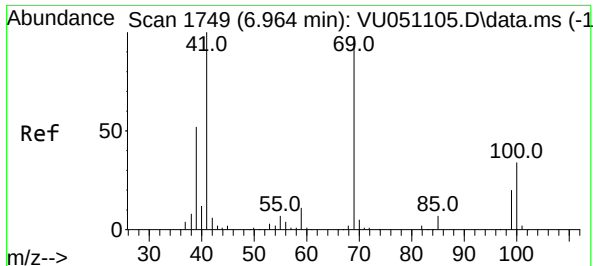
75 100

53 21.8 64.4 96.6#

89 17.0 44.2 66.2#

88 11.5 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.949 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 5579

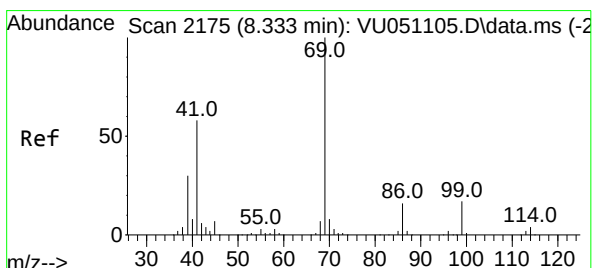
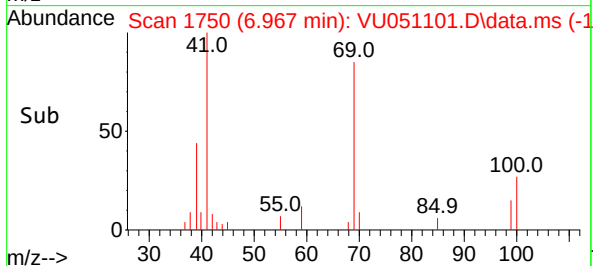
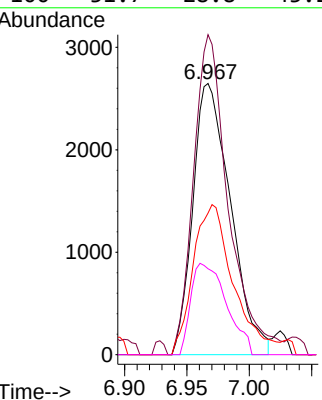
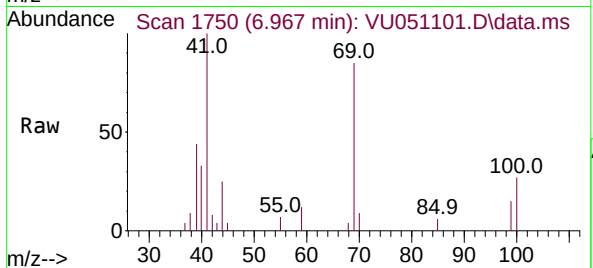
Ion Ratio Lower Upper

69 100

41 109.4 0.0 225.4

39 59.3 45.8 68.8

100 31.7 28.8 43.2



#48

Ethyl methacrylate

Concen: 0.384 ug/l

RT: 8.343 min Scan# 2178

Delta R.T. 0.010 min

Lab File: VU051101.D

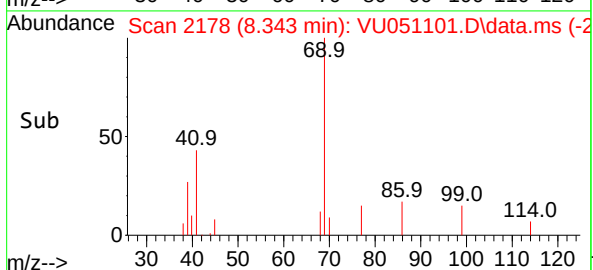
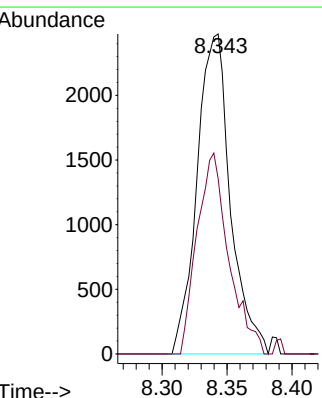
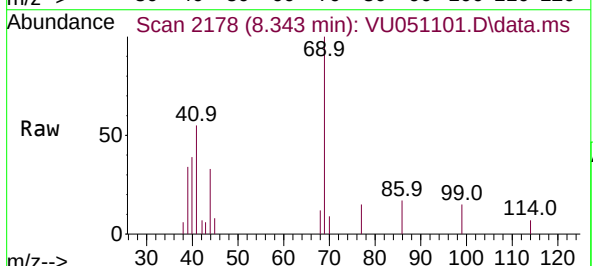
Acq: 04 Oct 2022 11:03

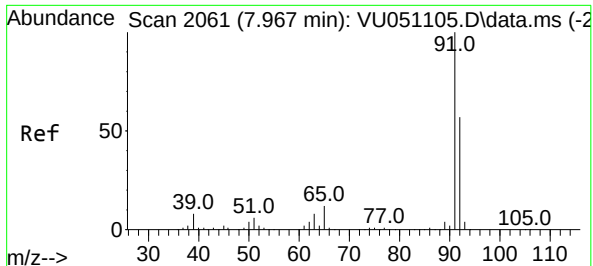
Tgt Ion: 69 Resp: 4421

Ion Ratio Lower Upper

69 100

41 59.6 32.3 96.9





#49

Toluene

Concen: 0.413 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

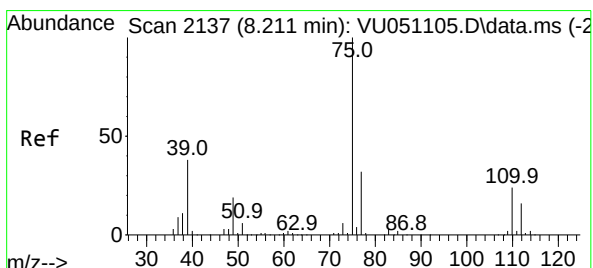
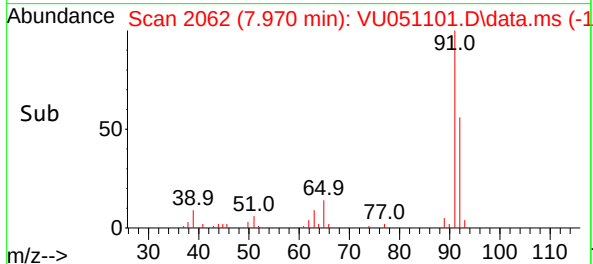
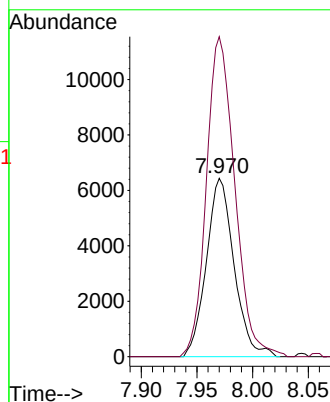
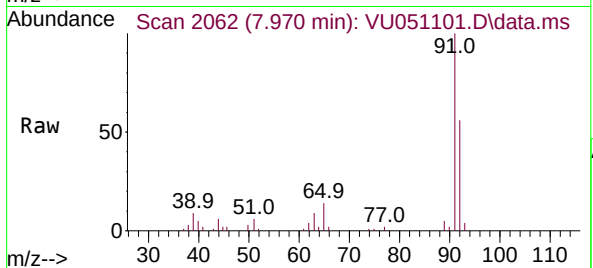
ClientSampleId :

Tgt Ion: 92 Resp: 11155

Ion Ratio Lower Upper

92 100

91 183.7 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.485 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU051101.D

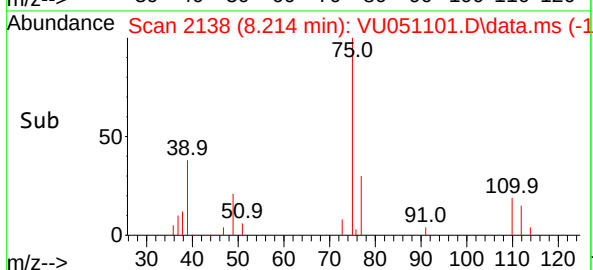
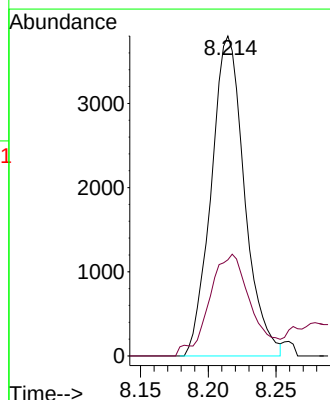
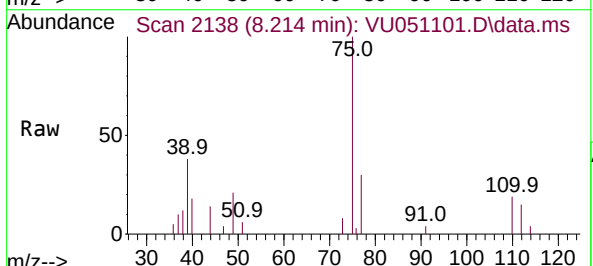
Acq: 04 Oct 2022 11:03

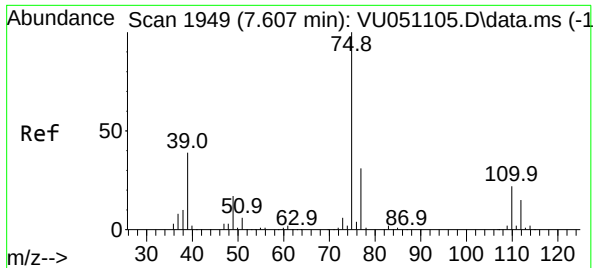
Tgt Ion: 75 Resp: 6485

Ion Ratio Lower Upper

75 100

77 27.2 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 0.448 ug/l

RT: 7.613 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VU051101.D

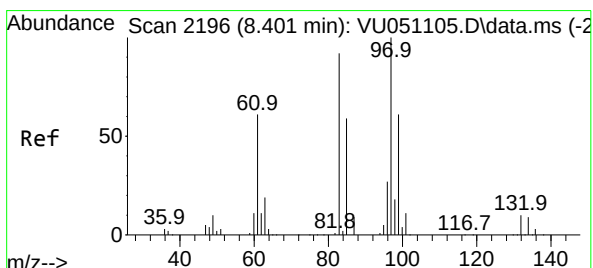
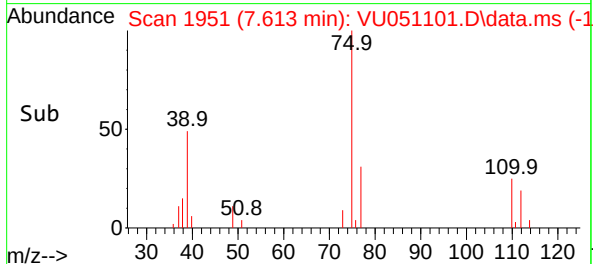
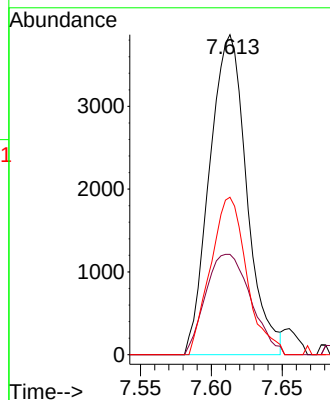
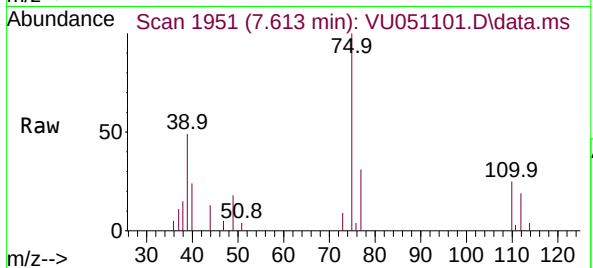
Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	7056
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
39	49.2	35.1	52.7



#52

1,1,2-Trichloroethane

Concen: 0.714 ug/l

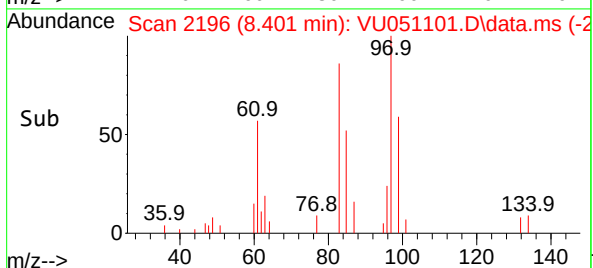
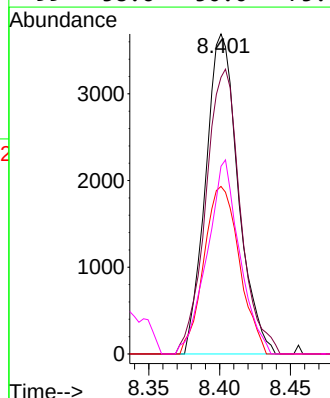
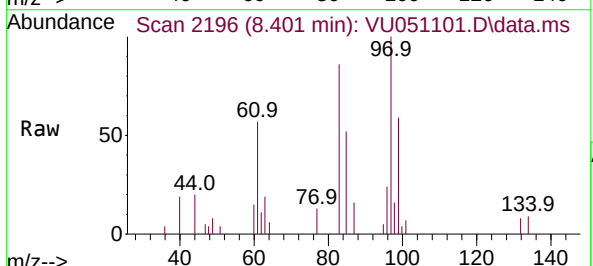
RT: 8.401 min Scan# 2196

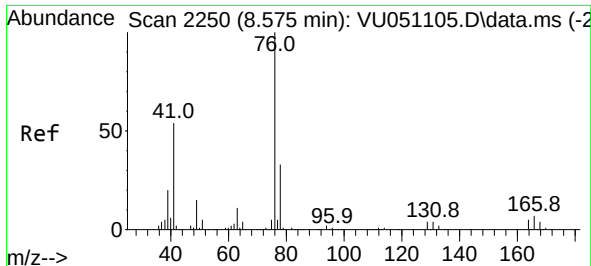
Delta R.T. -0.000 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Tgt Ion:	97	Resp:	5902
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.6	106.0
85	52.3	46.2	69.4
99	58.6	50.0	75.0





#53

1,3-Dichloropropane

Concen: 0.578 ug/l

RT: 8.578 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

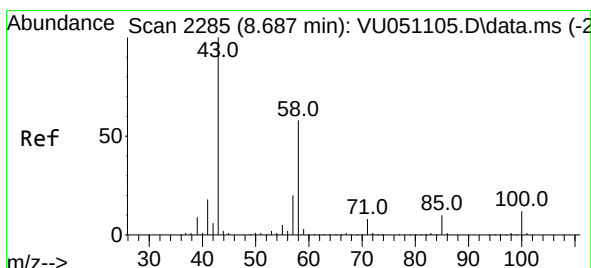
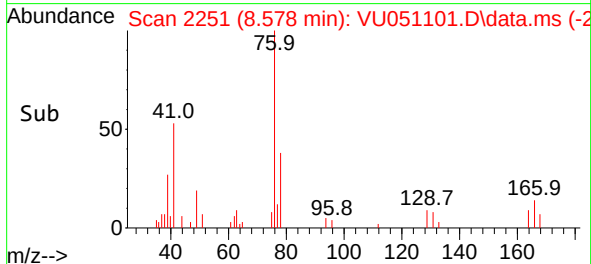
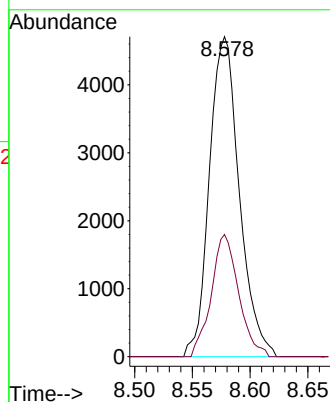
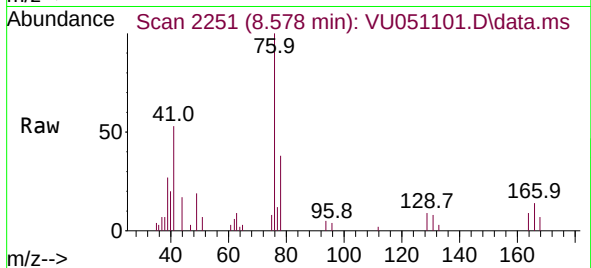
ClientSampleId :

Tgt Ion: 76 Resp: 8482

Ion Ratio Lower Upper

76 100

78 35.0 26.0 39.0



#54

2-Hexanone

Concen: 3.122 ug/l

RT: 8.694 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

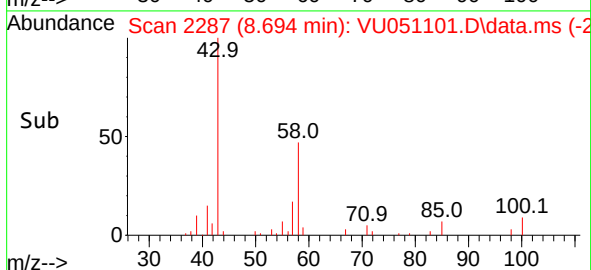
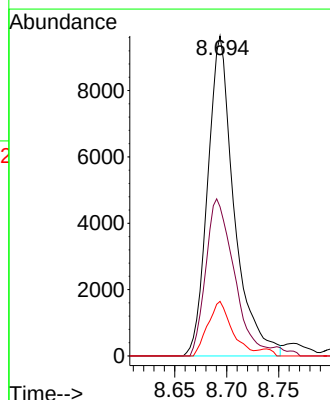
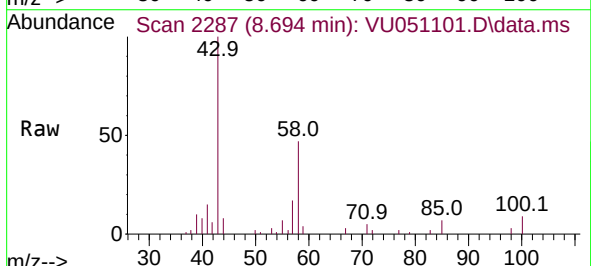
Tgt Ion: 43 Resp: 17048

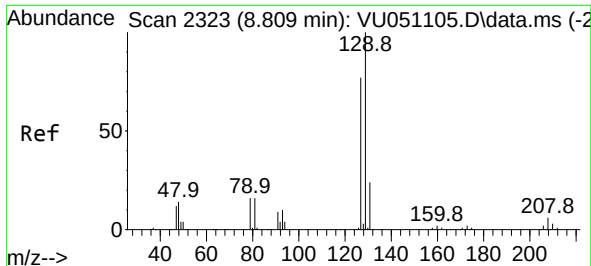
Ion Ratio Lower Upper

43 100

58 52.6 37.1 77.1

57 15.6 0.0 39.5

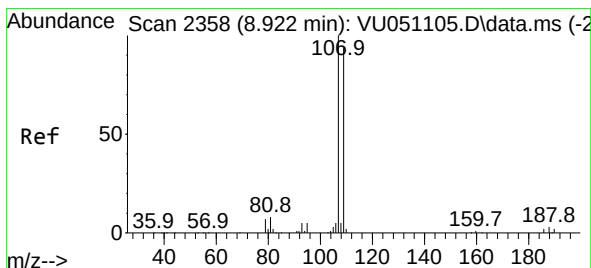
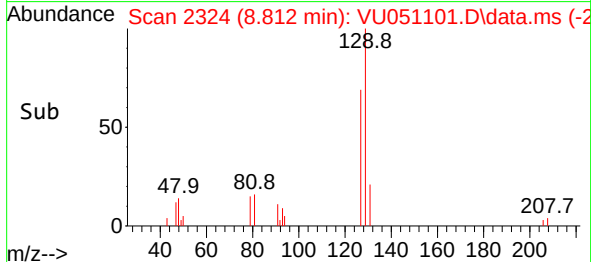
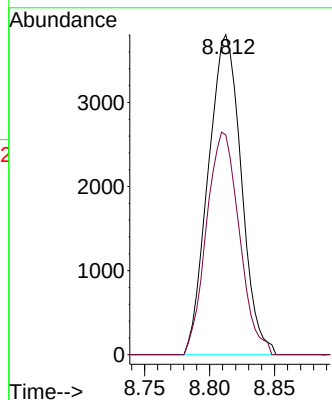
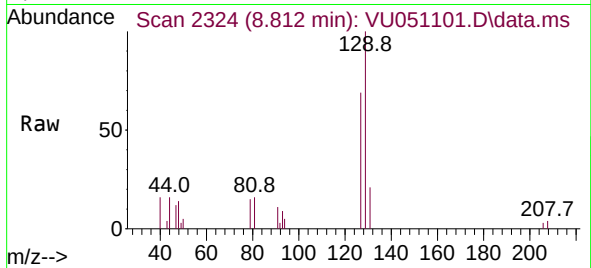




#55
 Dibromochloromethane
 Concen: 0.723 ug/l
 RT: 8.812 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

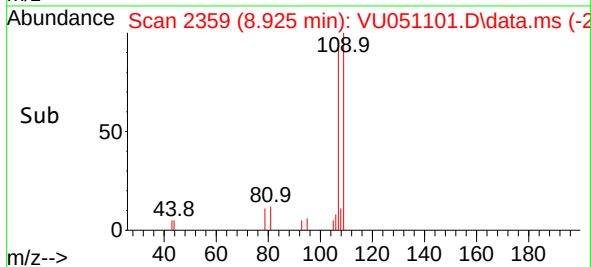
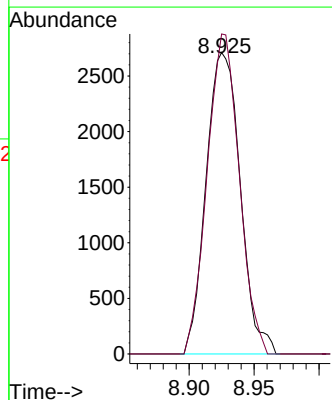
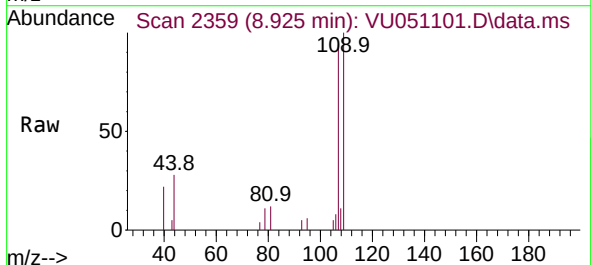
Instrument :
 MSVOA_U
 ClientSampleId :

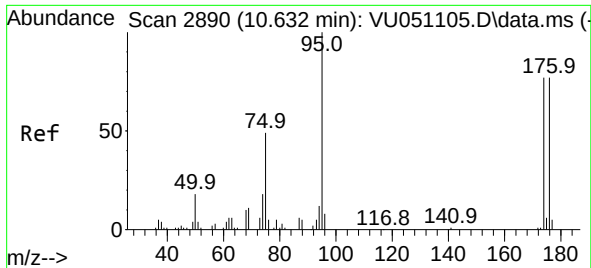
Tgt Ion:129 Resp: 6732
 Ion Ratio Lower Upper
 129 100
 127 69.1 61.2 91.8



#56
 1,2-Dibromoethane
 Concen: 0.624 ug/l
 RT: 8.925 min Scan# 2359
 Delta R.T. 0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

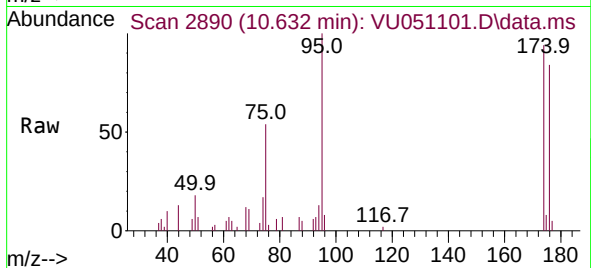
Tgt Ion:107 Resp: 4966
 Ion Ratio Lower Upper
 107 100
 109 99.4 0.0 187.2





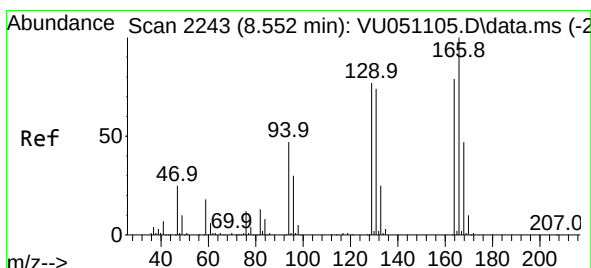
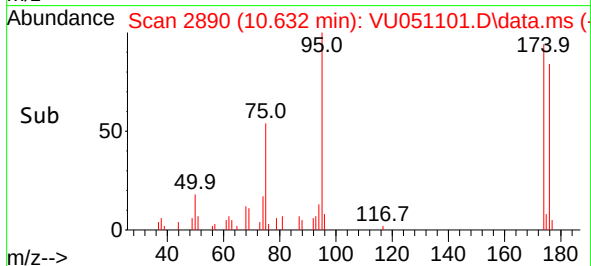
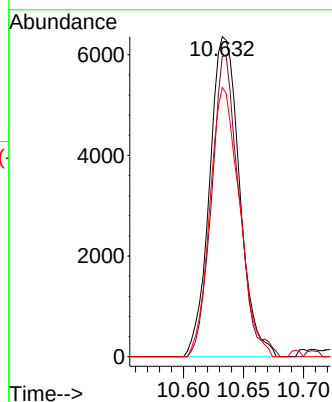
#57
 4-Bromofluorobenzene
 Concen: 0.748 ug/l
 RT: 10.632 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 95 Resp: 11055

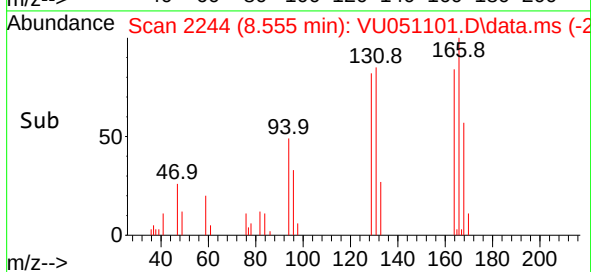
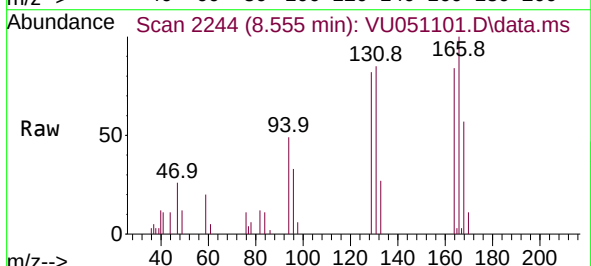
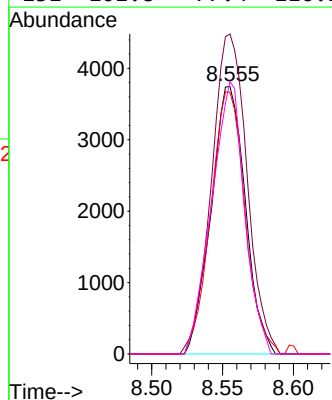
Ion	Ratio	Lower	Upper
95	100		
174	86.2	62.4	93.6
176	83.1	56.2	84.2

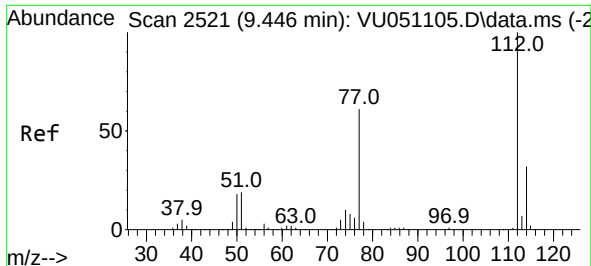


#58
 Tetrachloroethene
 Concen: 0.654 ug/l
 RT: 8.555 min Scan# 2244
 Delta R.T. 0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

Tgt Ion: 164 Resp: 6306

Ion	Ratio	Lower	Upper
164	100		
166	119.6	102.4	153.6
129	97.8	79.5	119.3
131	101.8	77.4	116.2





#59

Chlorobenzene

Concen: 0.510 ug/l

RT: 9.449 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

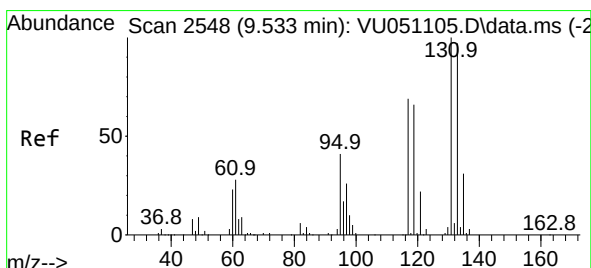
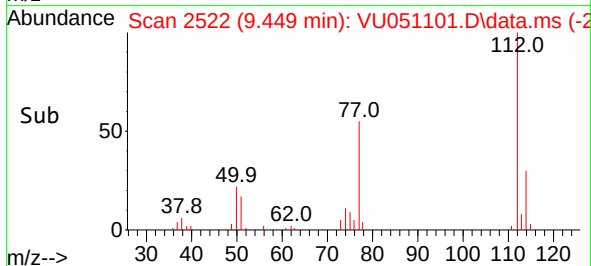
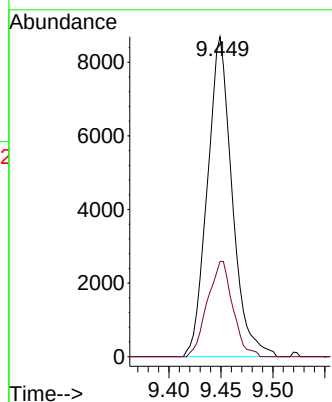
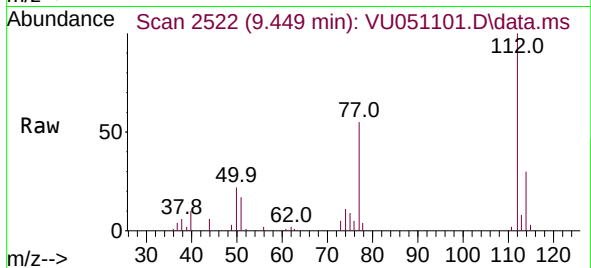
ClientSampleId :

Tgt Ion:112 Resp: 14413

Ion Ratio Lower Upper

112 100

114 29.8 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 0.632 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

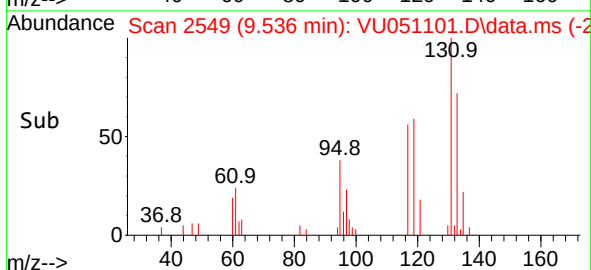
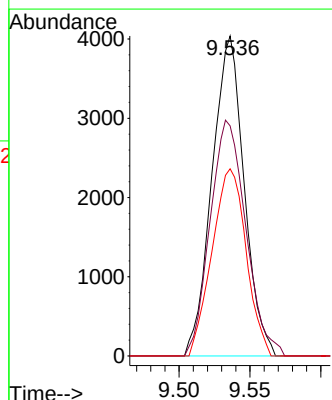
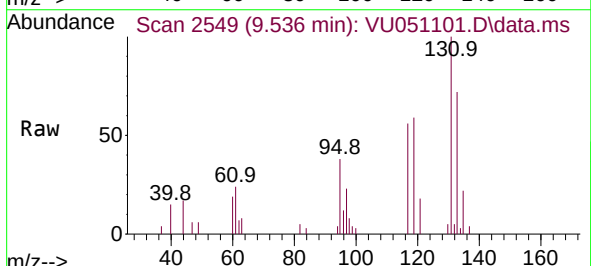
Tgt Ion:131 Resp: 6368

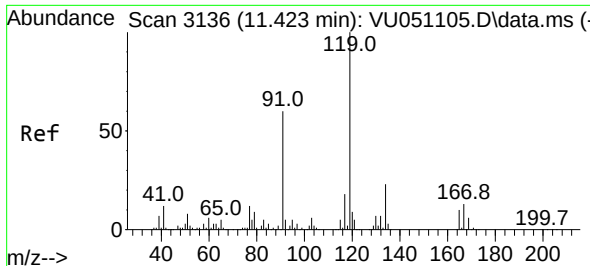
Ion Ratio Lower Upper

131 100

133 81.9 78.3 117.5

119 62.1 53.2 79.8

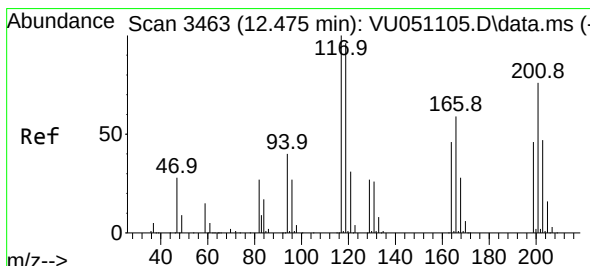
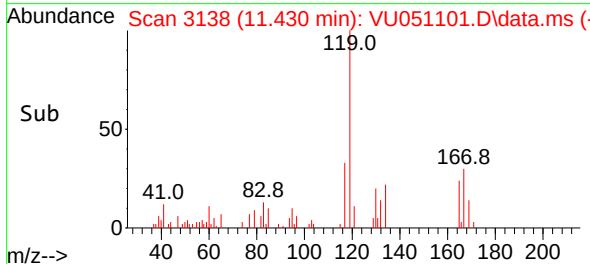
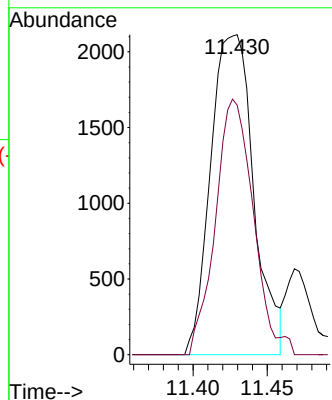
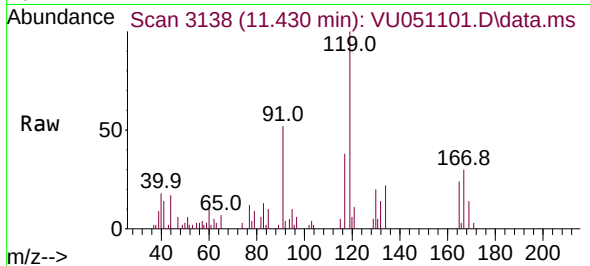




#61
 Pentachloroethane
 Concen: 0.563 ug/l
 RT: 11.430 min Scan# 3136
 Delta R.T. 0.006 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

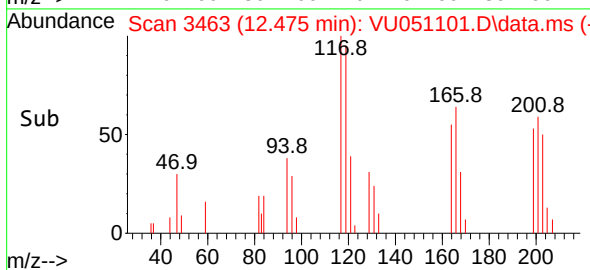
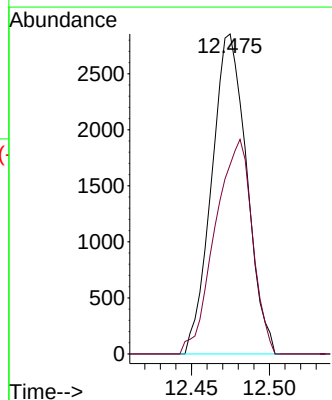
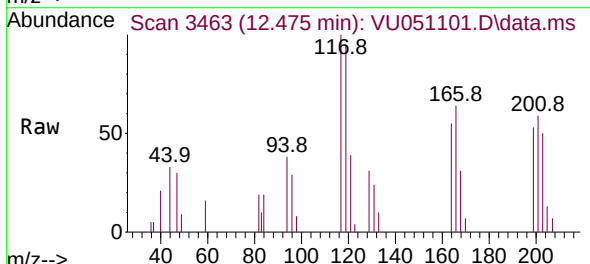
Instrument :
 MSVOA_U
 ClientSampleId :

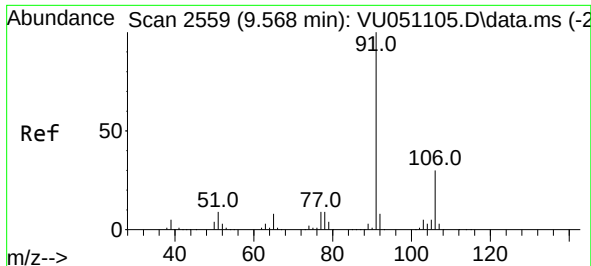
Tgt Ion:117 Resp: 4260
 Ion Ratio Lower Upper
 117 100
 167 70.4 66.2 99.4



#62
 Hexachloroethane
 Concen: 0.568 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.000 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

Tgt Ion:117 Resp: 4450
 Ion Ratio Lower Upper
 117 100
 201 71.0 61.0 91.4





#63

Ethyl Benzene

Concen: 0.366 ug/l

RT: 9.571 min Scan# 2559

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

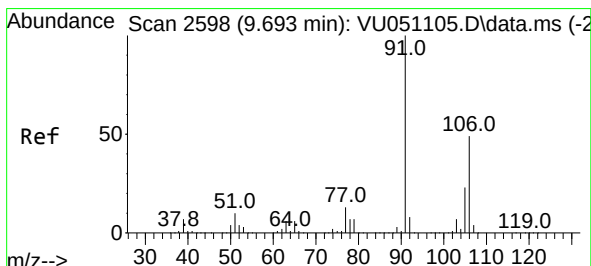
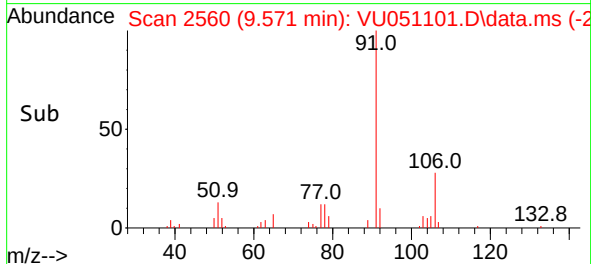
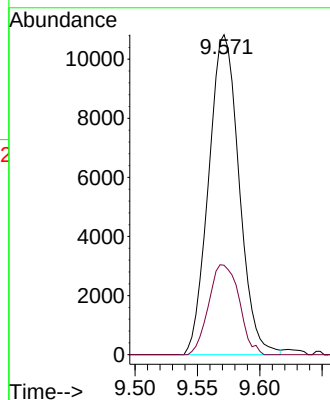
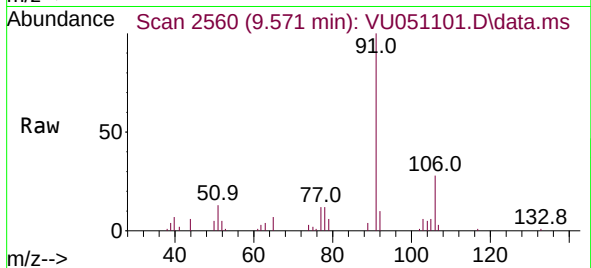
ClientSampleId :

Tgt Ion: 91 Resp: 18423

Ion Ratio Lower Upper

91 100

106 27.9 24.4 36.6



#64

m/p-Xylenes

Concen: 0.687 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU051101.D

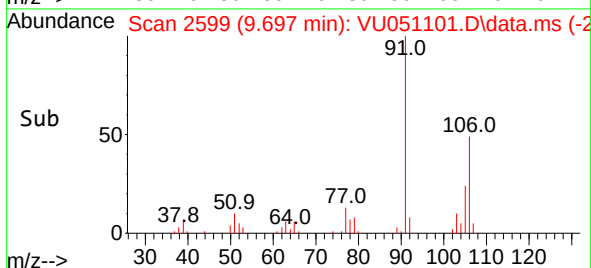
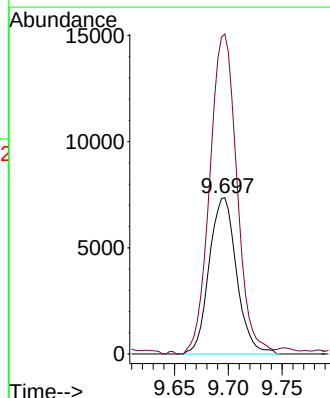
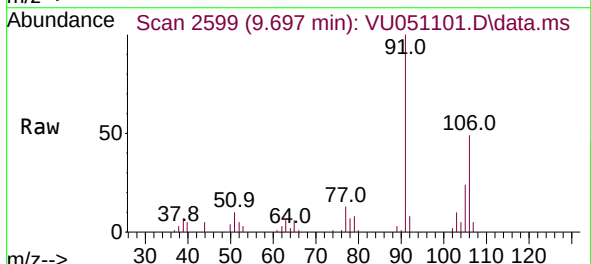
Acq: 04 Oct 2022 11:03

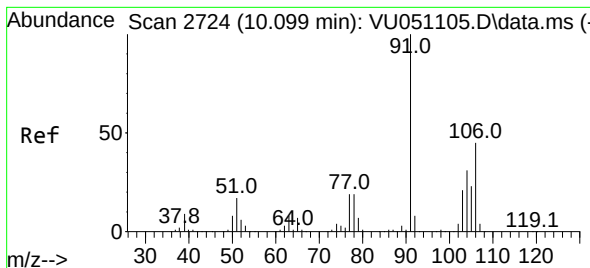
Tgt Ion: 106 Resp: 13008

Ion Ratio Lower Upper

106 100

91 203.6 167.8 251.6





#65

o-Xylene

Concen: 0.362 ug/l

RT: 10.102 min Scan# 2724

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

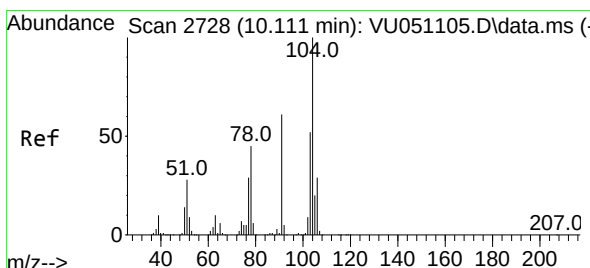
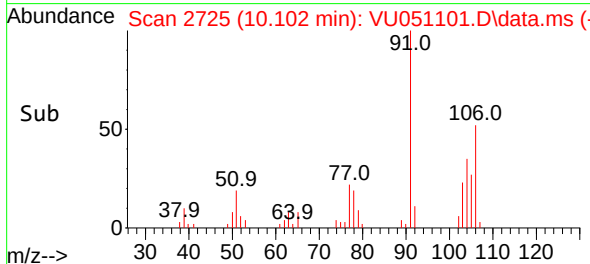
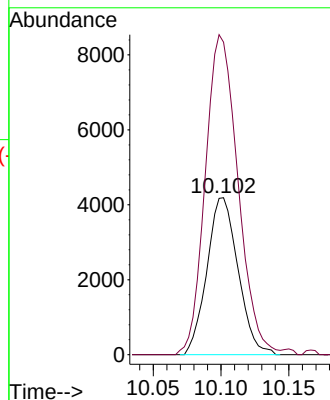
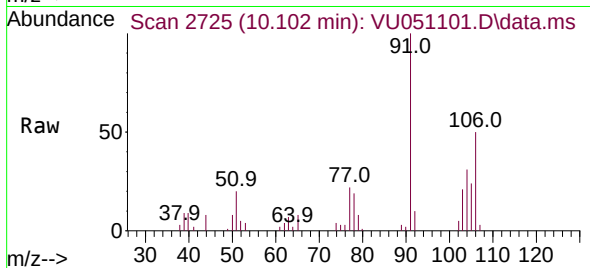
ClientSampleId :

Tgt Ion:106 Resp: 6693

Ion Ratio Lower Upper

106 100

91 214.0 111.1 333.2



#66

Styrene

Concen: 0.347 ug/l

RT: 10.118 min Scan# 2730

Delta R.T. 0.006 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

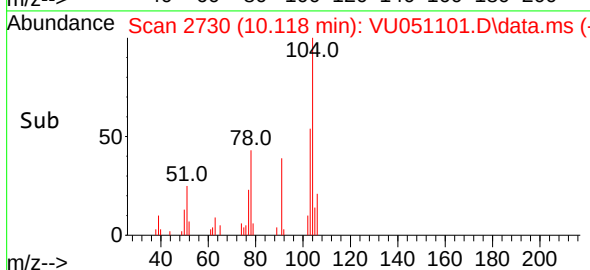
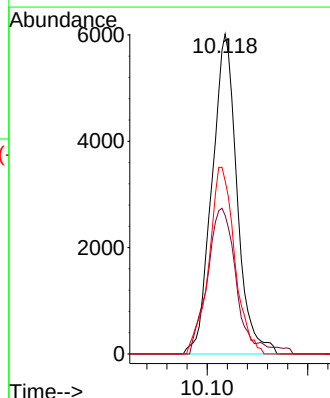
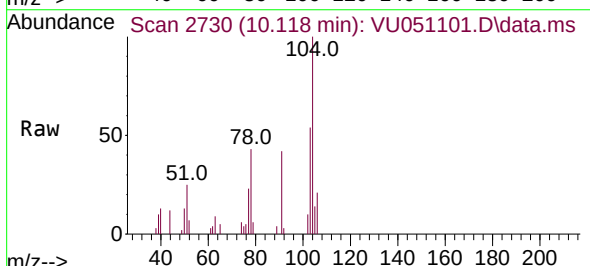
Tgt Ion:104 Resp: 10386

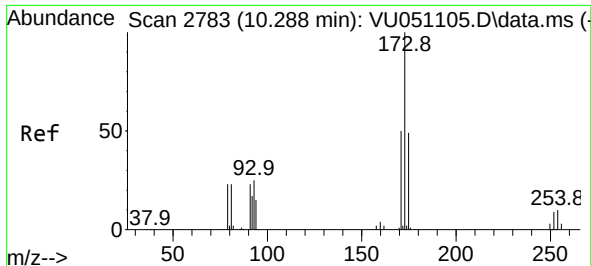
Ion Ratio Lower Upper

104 100

78 53.2 42.1 63.1

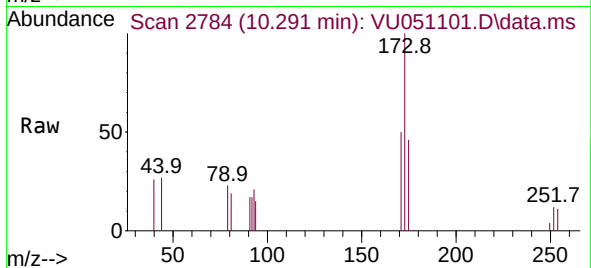
103 60.0 44.5 66.7



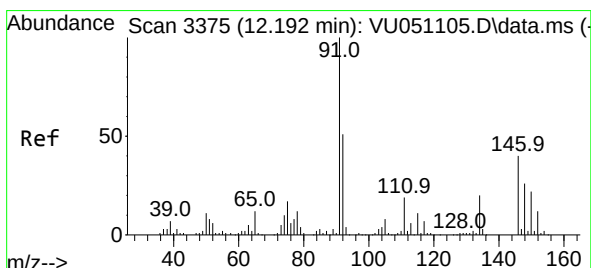
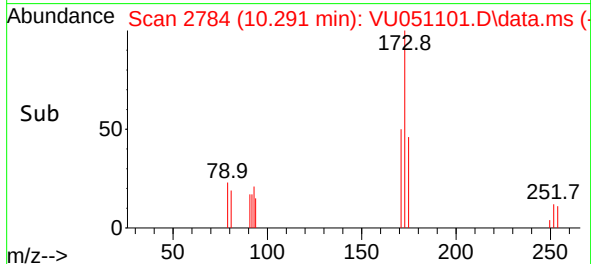
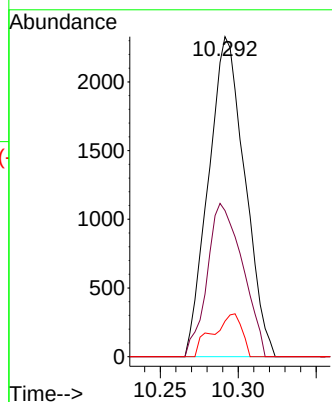


#67
Bromoform
Concen: 0.704 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

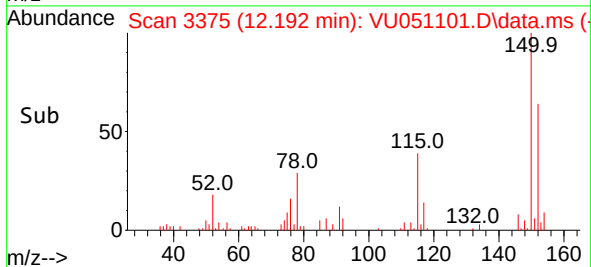
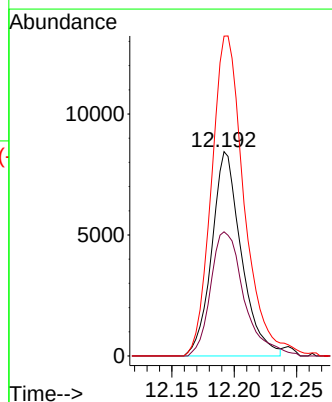
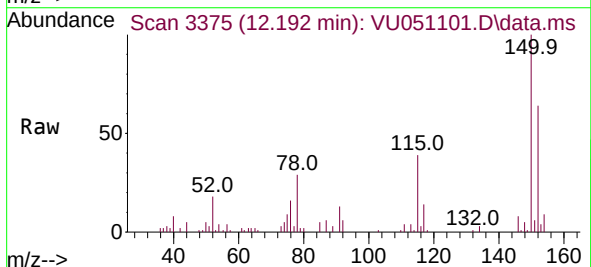


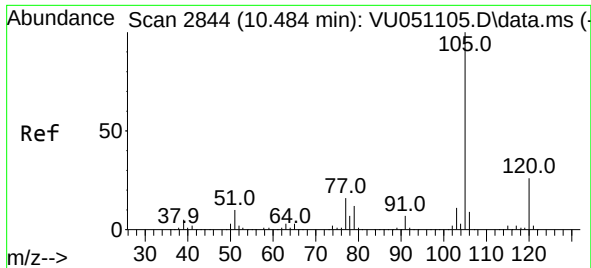
Tgt Ion:173 Resp: 3762
Ion Ratio Lower Upper
173 100
175 46.8 38.4 57.6
254 10.7 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 1.000 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:152 Resp: 13930
Ion Ratio Lower Upper
152 100
115 68.6 0.0 254.6
150 173.8 0.0 623.6

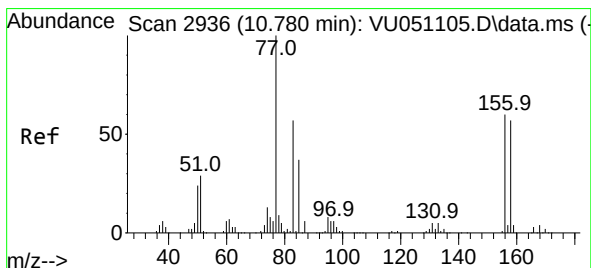
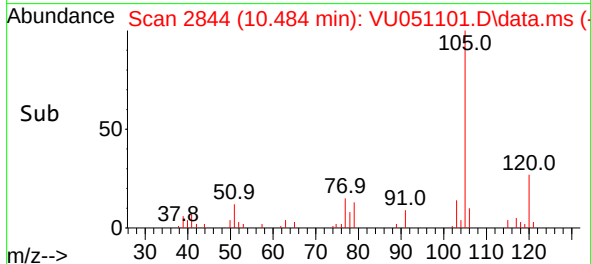
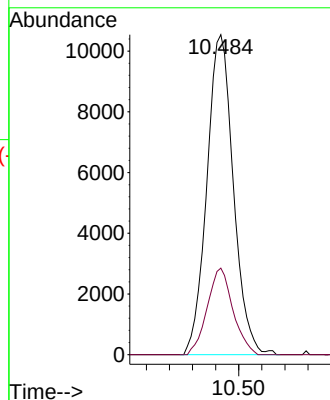
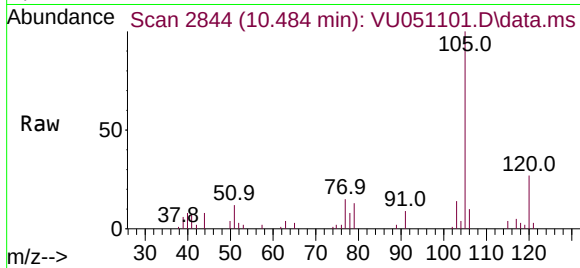




#69
Isopropylbenzene
Concen: 0.345 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

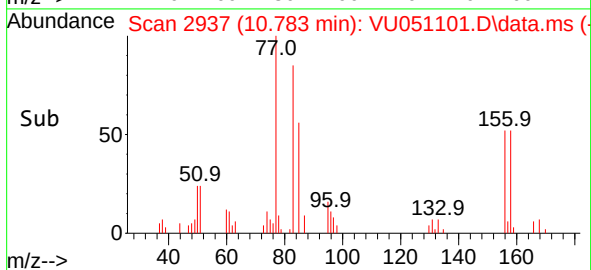
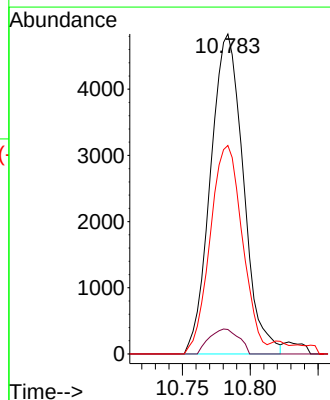
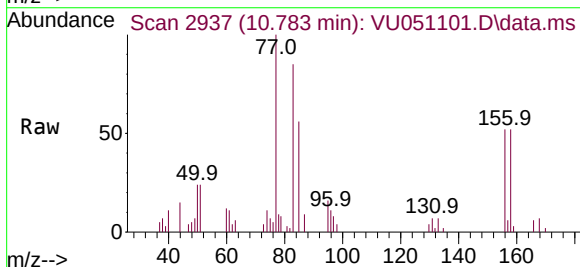
Instrument :
MSVOA_U
ClientSampleId :

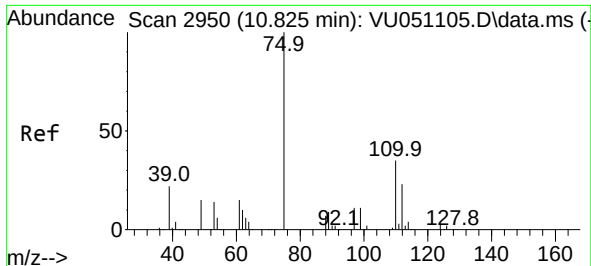
Tgt Ion:105 Resp: 16811
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.754 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 83 Resp: 8131
Ion Ratio Lower Upper
83 100
131 7.0 7.7 11.5#
85 64.3 51.2 76.8

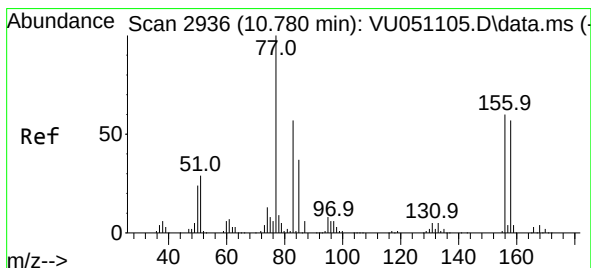
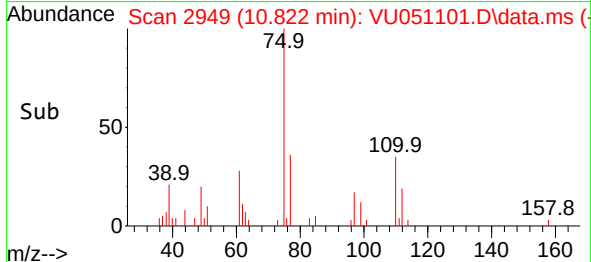
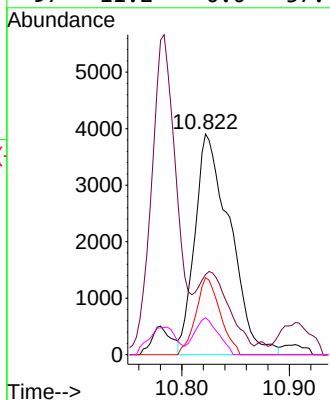
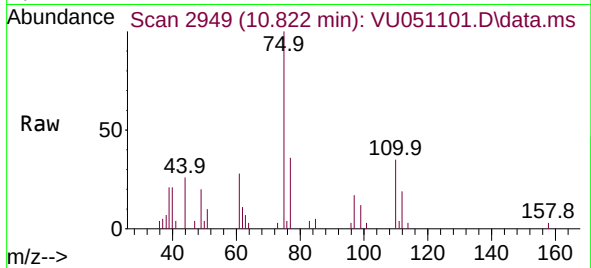




#71
1,2,3-Trichloropropane
Concen: 0.986 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

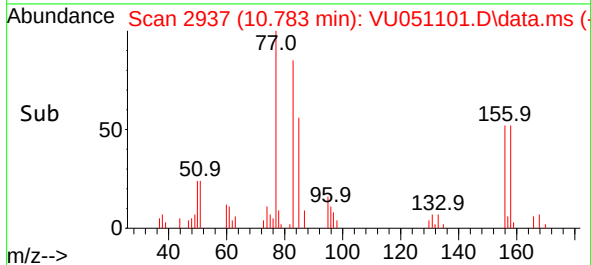
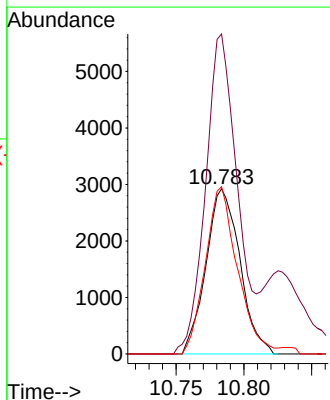
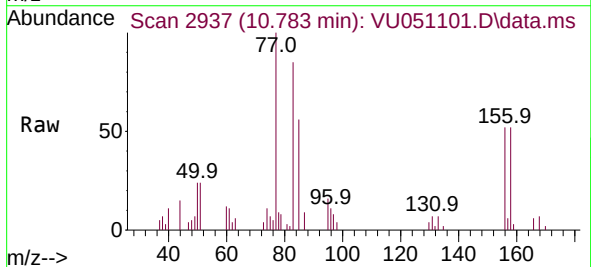
Instrument :
MSVOA_U
ClientSampleId :

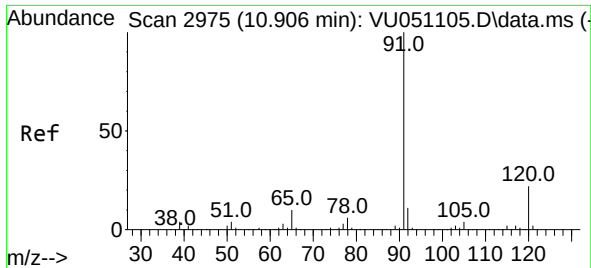
Tgt Ion:	75	Resp:	8842
Ion	Ratio	Lower	Upper
75	100		
77	32.9	0.0	112.4
110	24.2	0.0	70.6
97	11.2	0.0	37.4



#72
Bromobenzene
Concen: 0.454 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:	156	Resp:	5085
Ion	Ratio	Lower	Upper
156	100		
77	180.8	0.0	344.4
158	96.0	0.0	192.2

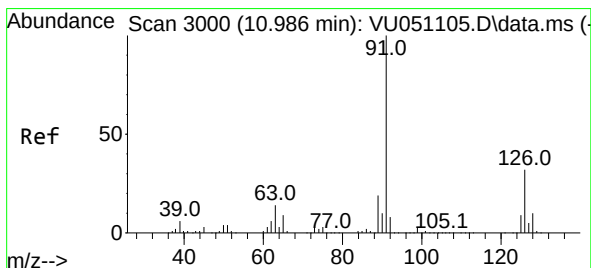
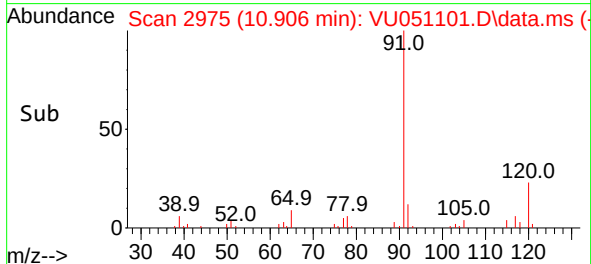
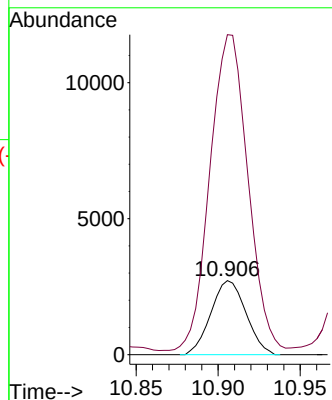
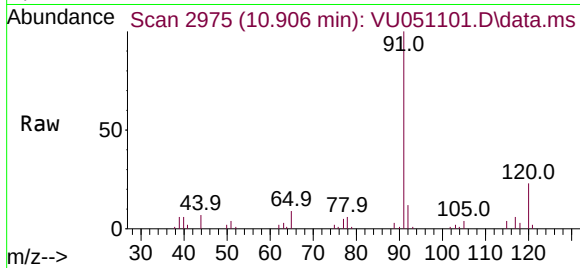




#73
n-propylbenzene
Concen: 0.323 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

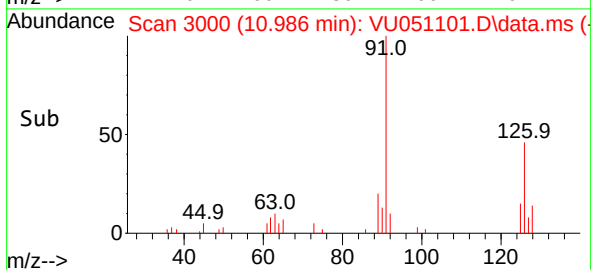
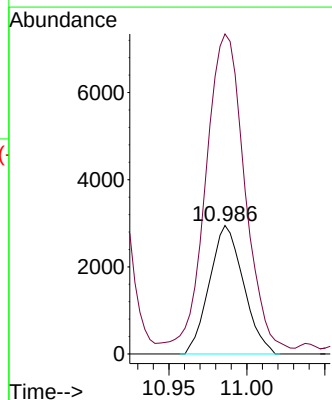
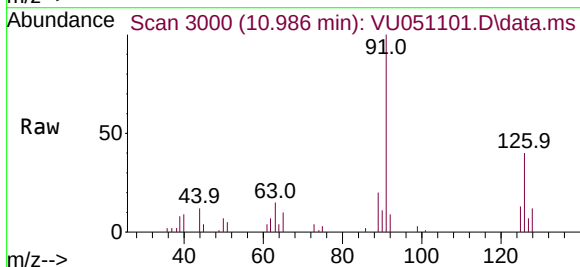
Instrument :
MSVOA_U
ClientSampleId :

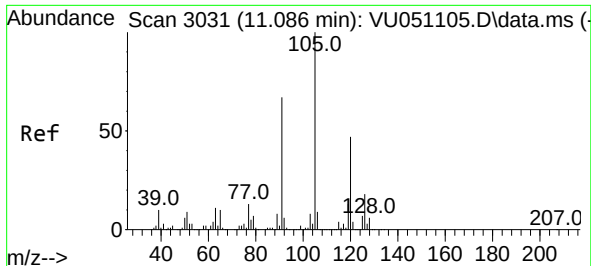
Tgt Ion:120 Resp: 4043
Ion Ratio Lower Upper
120 100
91 470.8 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.399 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:126 Resp: 4473
Ion Ratio Lower Upper
126 100
91 277.7 0.0 620.6

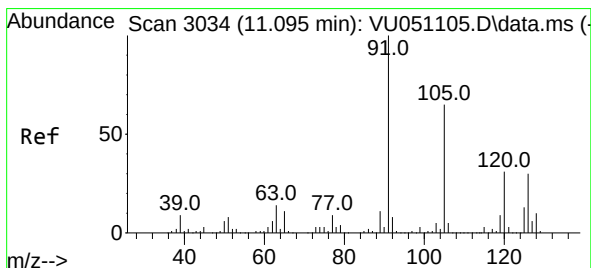
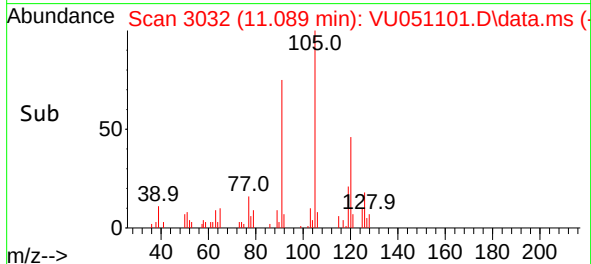
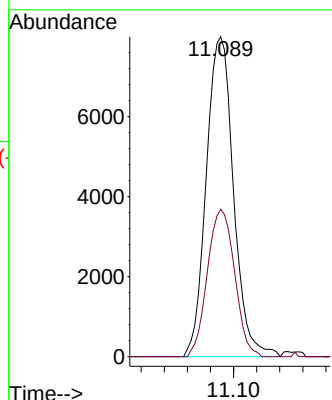
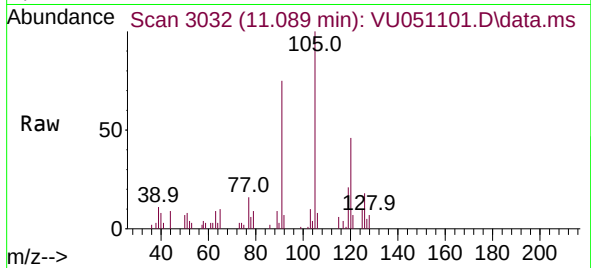




#75
1,3,5-Trimethylbenzene
Concen: 0.317 ug/l
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

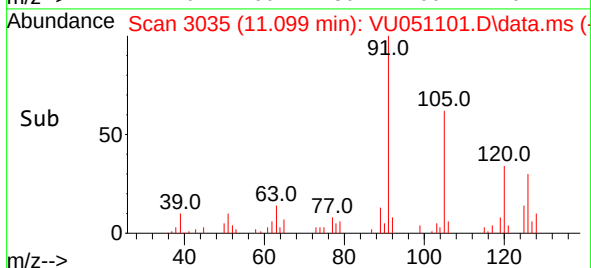
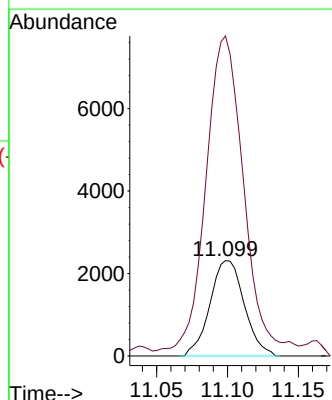
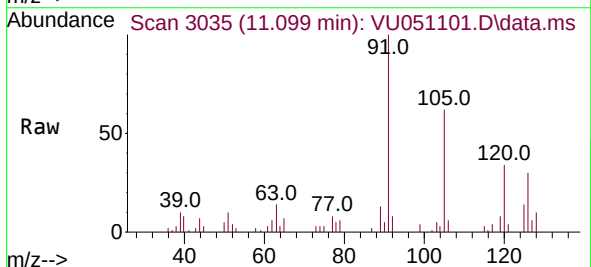
Instrument :
MSVOA_U
ClientSampleId :

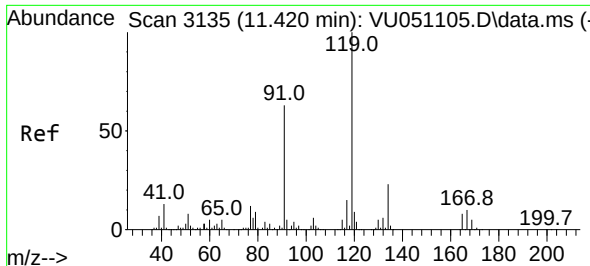
Tgt Ion:105 Resp: 13115
Ion Ratio Lower Upper
105 100
120 45.9 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.342 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:126 Resp: 3890
Ion Ratio Lower Upper
126 100
91 355.4 0.0 738.8

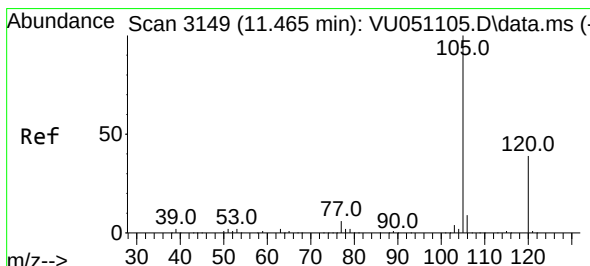
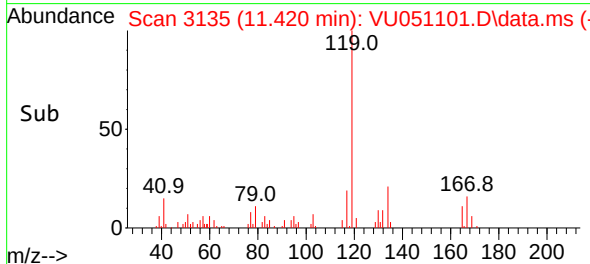
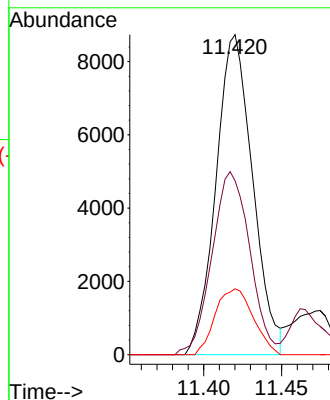
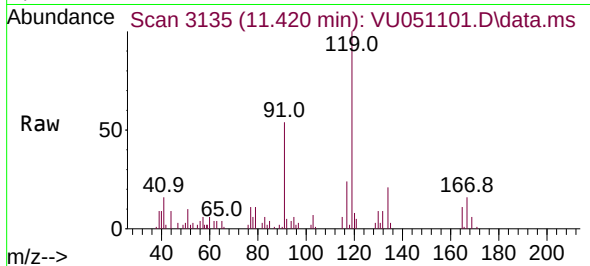




#77
tert-Butylbenzene
Concen: 0.356 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

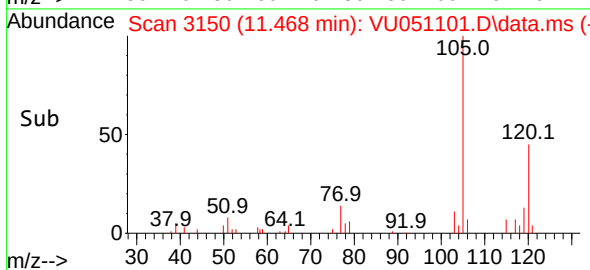
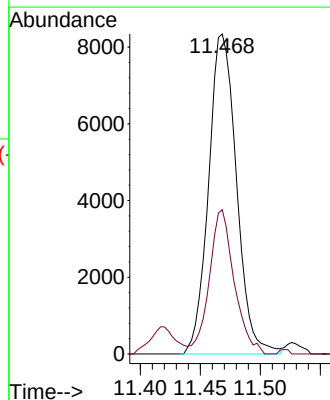
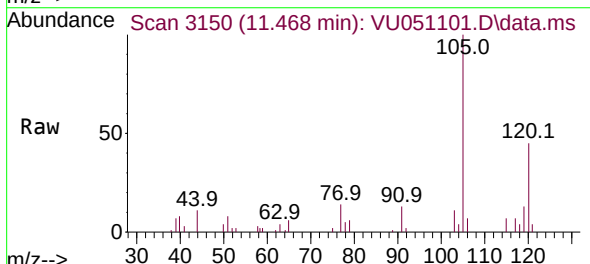
Instrument :
MSVOA_U
ClientSampleId :

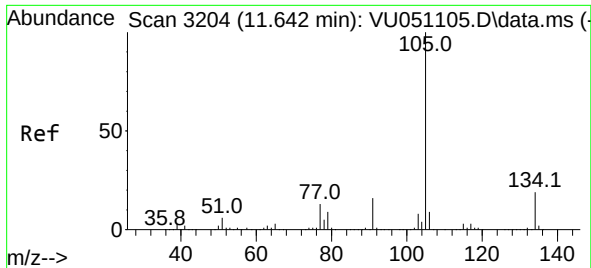
Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.7	30.4	91.3
134	21.2	17.8	26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.322 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.3	21.6	65.0

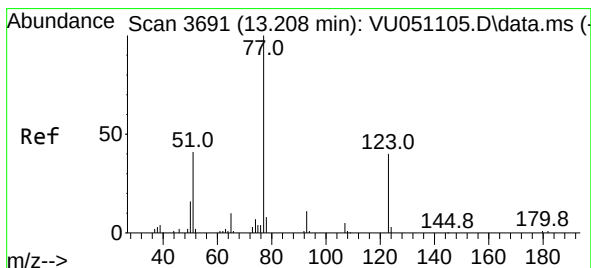
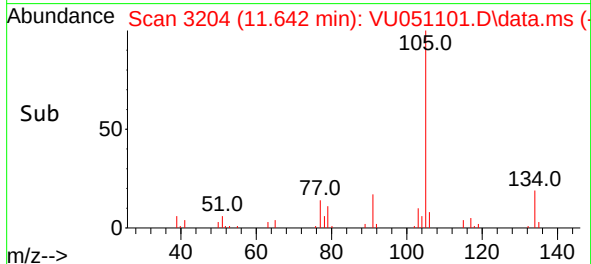
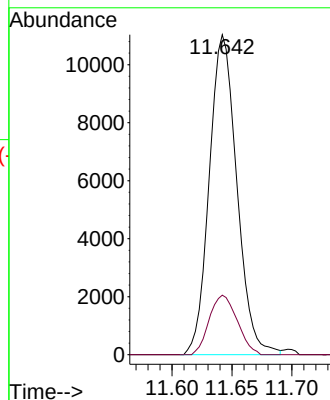
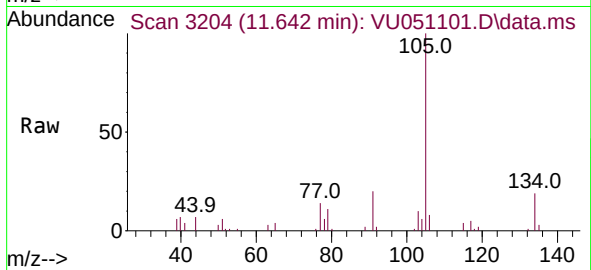




#79
 sec-Butylbenzene
 Concen: 0.331 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

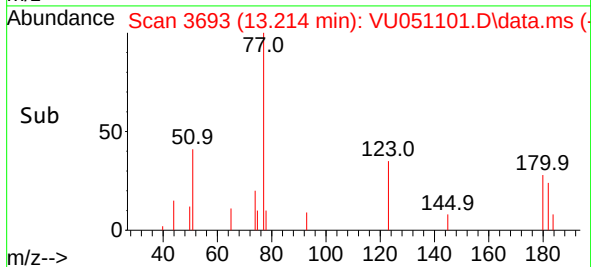
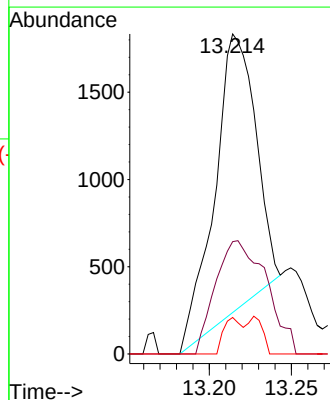
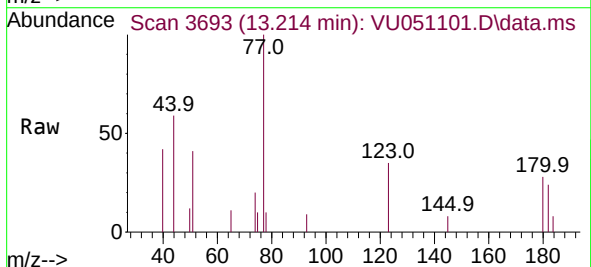
Instrument :
 MSVOA_U
 ClientSampleId :

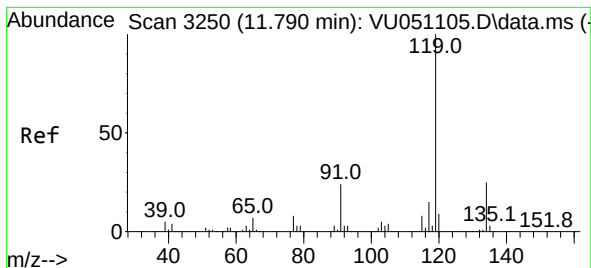
Tgt Ion:105 Resp: 17659
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.0



#80
 Nitrobenzene
 Concen: 6.107 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

Tgt Ion: 77 Resp: 2774
 Ion Ratio Lower Upper
 77 100
 123 50.5 18.1 64.3
 65 5.9 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 0.301 ug/l

RT: 11.793 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

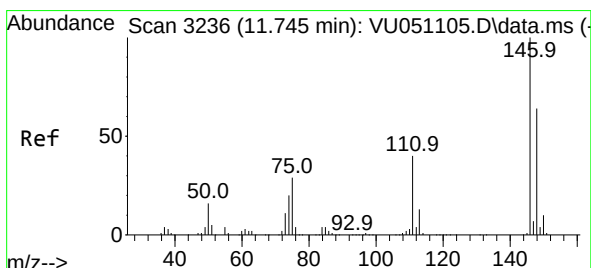
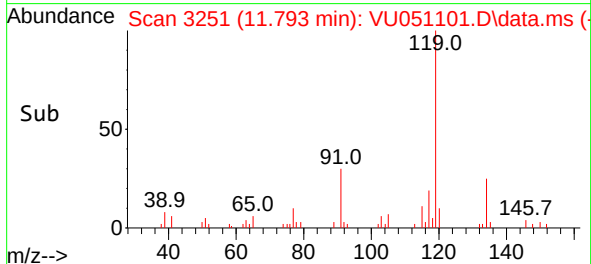
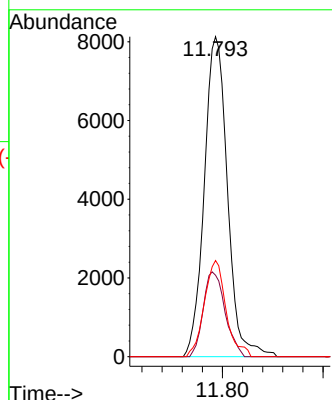
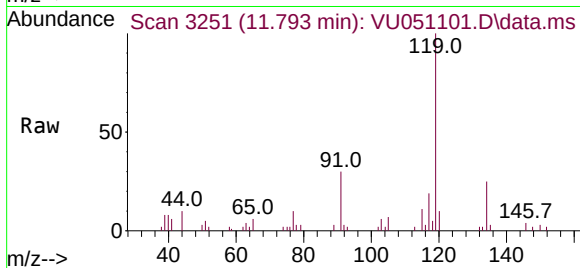
Tgt Ion:119 Resp: 13023

Ion Ratio Lower Upper

119 100

134 24.9 20.5 30.7

91 28.1 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 0.526 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU051101.D

Acq: 04 Oct 2022 11:03

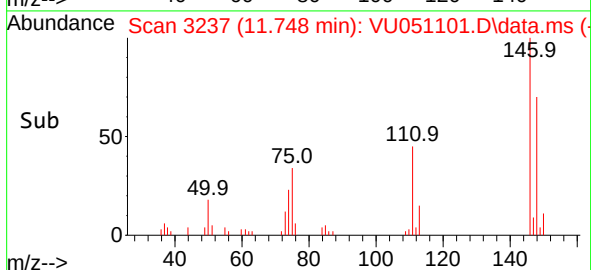
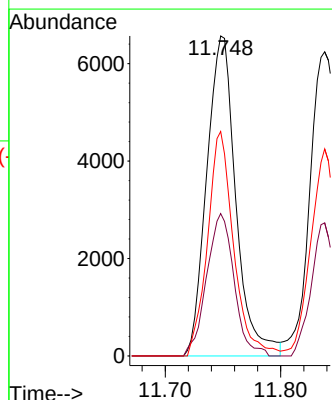
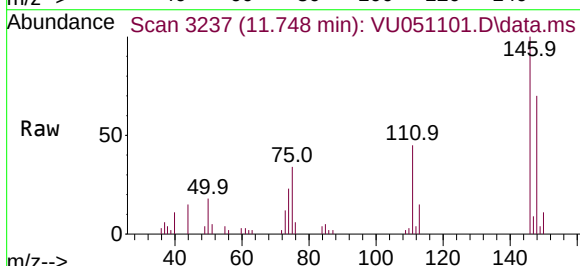
Tgt Ion:146 Resp: 11514

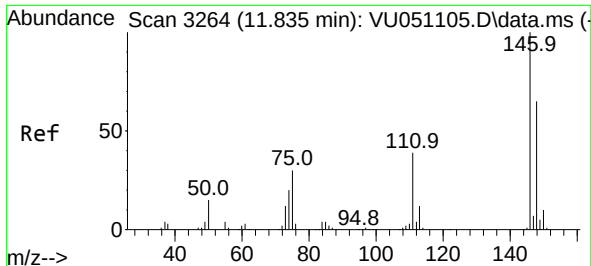
Ion Ratio Lower Upper

146 100

111 41.9 33.4 50.2

148 62.8 51.2 76.8

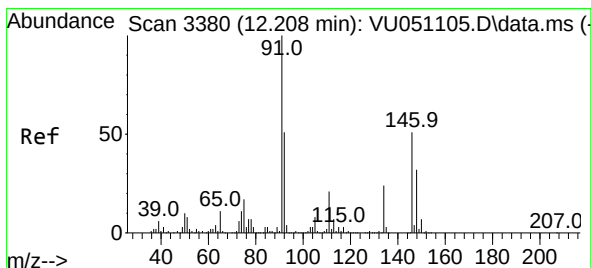
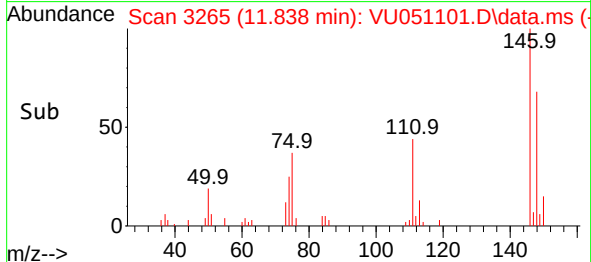
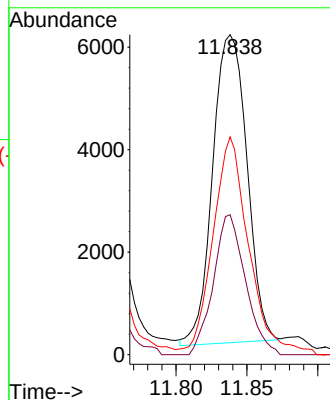
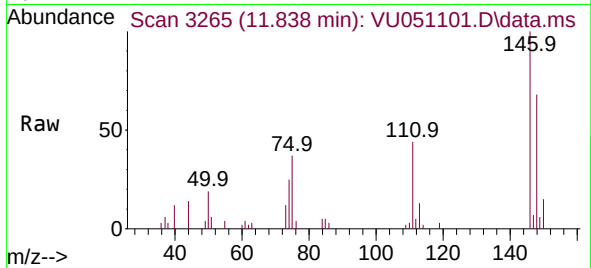




#83
1,4-Dichlorobenzene
Concen: 0.456 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

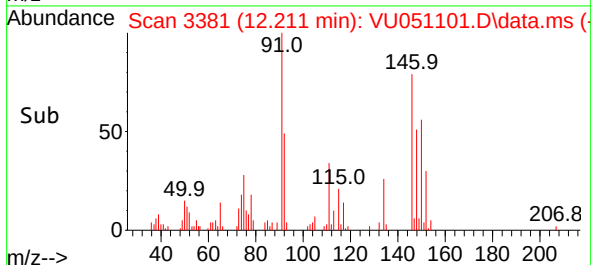
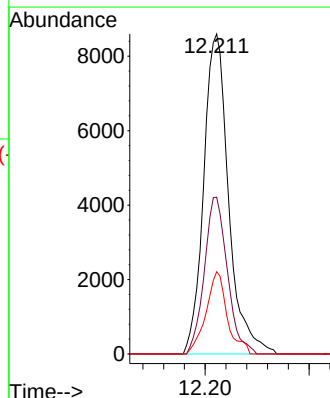
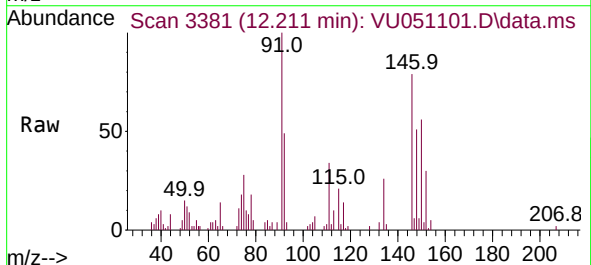
Instrument :
MSVOA_U
ClientSampleId :

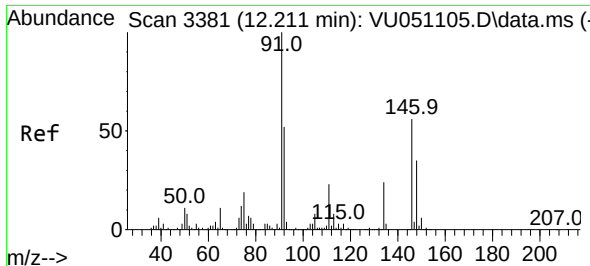
Tgt Ion:146 Resp: 10129
Ion Ratio Lower Upper
146 100
111 42.4 32.6 49.0
148 74.0 51.6 77.4



#84
n-Butylbenzene
Concen: 0.360 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion: 91 Resp: 14320
Ion Ratio Lower Upper
91 100
92 45.2 42.3 63.5
134 21.8 19.6 29.4

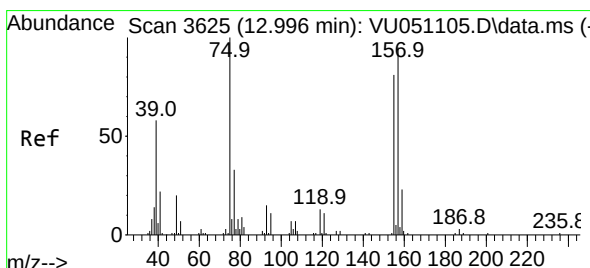
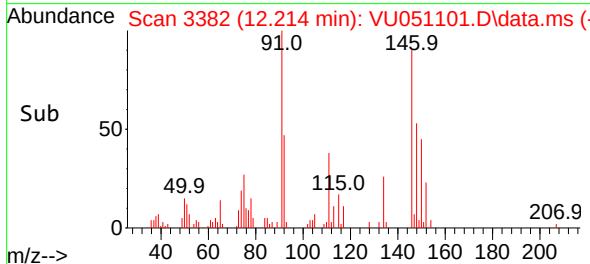
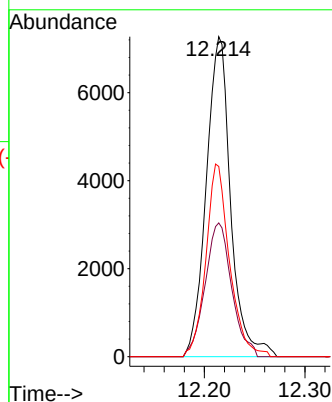
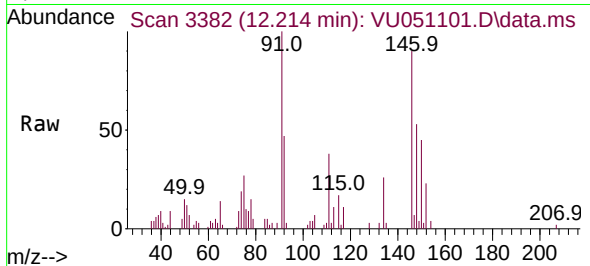




#85
 1,2-Dichlorobenzene
 Concen: 0.573 ug/l
 RT: 12.214 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

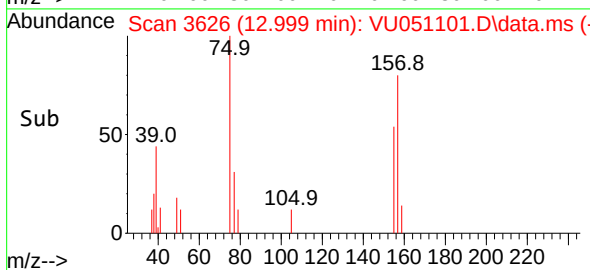
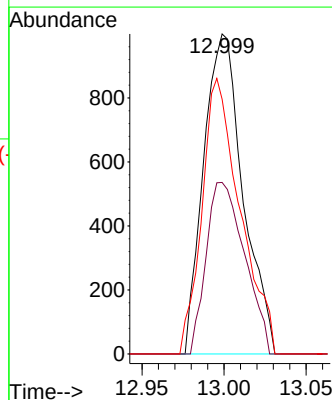
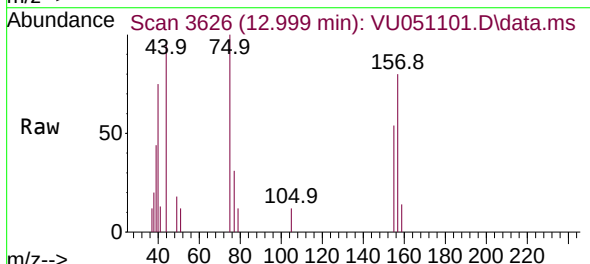
Instrument :
 MSVOA_U
 ClientSampleId :

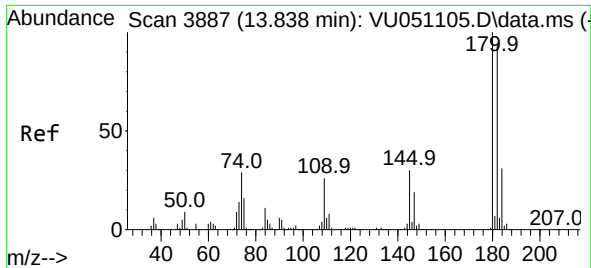
Tgt Ion:	146	Resp:	12262
Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.1	66.1
148	58.4	32.1	96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.904 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

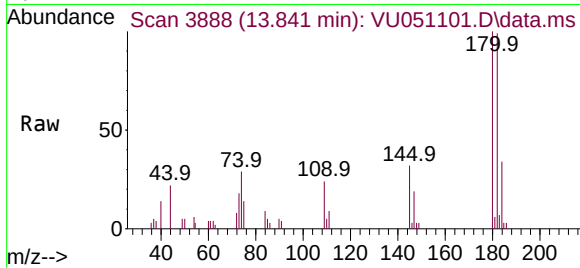
Tgt Ion:	75	Resp:	1670
Ion	Ratio	Lower	Upper
75	100		
155	52.2	66.8	100.2#
157	83.6	83.8	125.8#



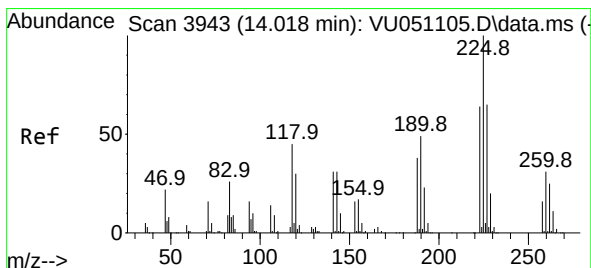
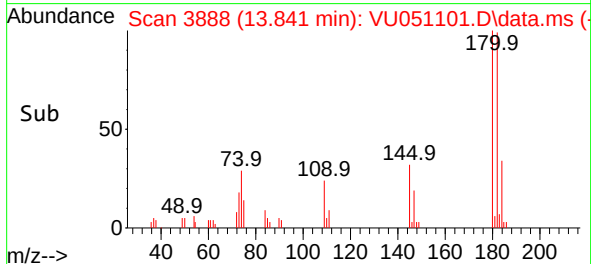
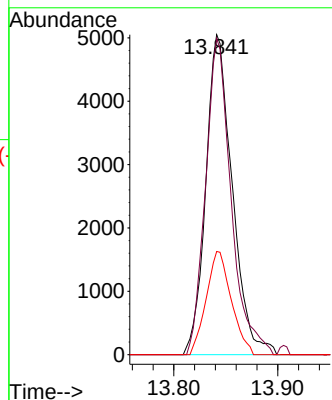


#87
 1,2,4-Trichlorobenzene
 Concen: 0.658 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

Instrument :
 MSVOA_U
 ClientSampleId :

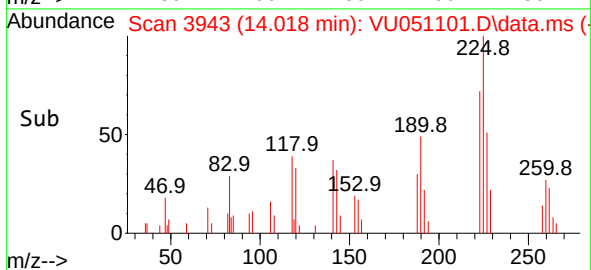
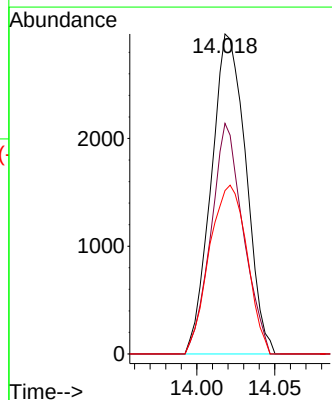
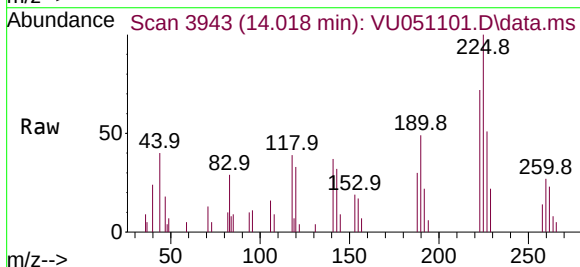


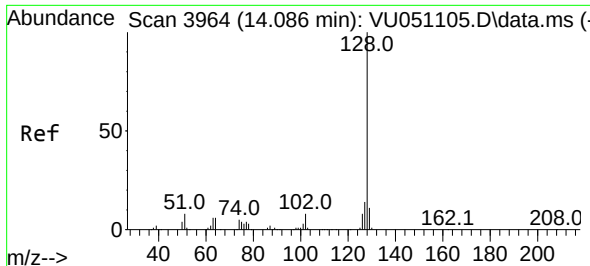
Tgt Ion:180 Resp: 8937
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.0 115.6
 145 30.4 25.7 38.5



#88
 Hexachlorobutadiene
 Concen: 0.635 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. -0.000 min
 Lab File: VU051101.D
 Acq: 04 Oct 2022 11:03

Tgt Ion:225 Resp: 4596
 Ion Ratio Lower Upper
 225 100
 223 66.7 50.6 76.0
 227 57.3 50.7 76.1

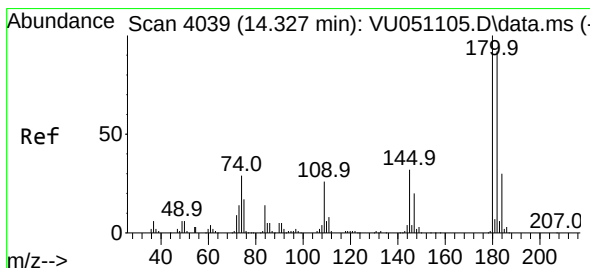
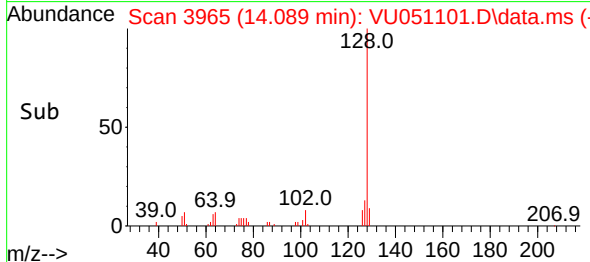
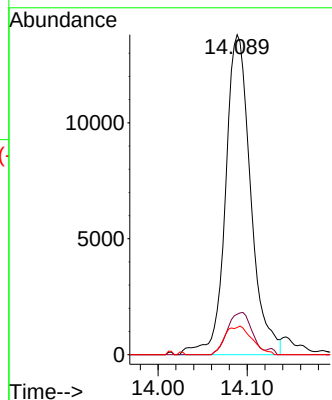
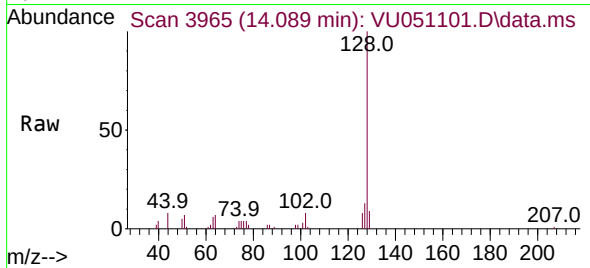




#89
Naphthalene
Concen: 0.961 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 27100
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 9.7 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.765 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051101.D
Acq: 04 Oct 2022 11:03

Tgt Ion:180 Resp: 10127
Ion Ratio Lower Upper
180 100
182 99.5 76.6 114.8
145 33.7 27.3 40.9

