

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
 Data File : VU050356.D
 Acq On : 17 Aug 2022 13:07
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Quant Time: Aug 17 13:35:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 17 13:35:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	26816	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	8436	0.915	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12068	1.102	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5887	0.560	ug/l	99
3) Chloromethane	1.530	50	7218	0.572	ug/l	99
4) Vinyl Chloride	1.607	62	6038	0.530	ug/l	99
5) Bromomethane	1.858	94	2884	0.584	ug/l	94
6) Chloroethane	1.935	64	3767	0.537	ug/l	97
7) Trichlorofluoromethane	2.141	101	7588	0.566	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	4135	0.571	ug/l	96
9) 1,1-Dichloroethene	2.581	96	3892	0.518	ug/l	97
10) Iodomethane	2.726	142	1260	0.177	ug/l	99
11) Allyl Chloride	2.922	41	6963	0.564	ug/l	93
12) Acrylonitrile	3.318	53	2942	1.182	ug/l	96
13) Acetone	2.630	43	11346	5.285	ug/l	97
14) Carbon Disulfide	2.794	76	15076	0.586	ug/l	# 95
15) Methylene Chloride	3.044	84	21107	1.386	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	4544	0.547	ug/l	93
17) 1,1-Dichloroethane	3.874	63	7693	0.475	ug/l	98
18) 2-Butanone	4.723	43	6811	2.577	ug/l	98
19) Cyclohexane	5.385	56	4749m	0.492	ug/l	
20) Methylcyclohexane	6.764	83	4712	0.497	ug/l	97
21) 2,2-Dichloropropane	4.665	77	5741	0.478	ug/l	95
22) cis-1,2-Dichloroethene	4.668	96	4123	0.469	ug/l	96
23) Diethyl Ether	2.382	59	5077	0.697	ug/l	93
24) tert-Butyl Alcohol	3.195	59	6023	6.415	ug/l	98
25) Methyl tert-Butyl Ether	3.369	73	11426	0.536	ug/l	# 90
26) Bromochloromethane	4.973	128	2102	0.530	ug/l	97
27) Chloroform	5.089	83	9165	0.572	ug/l	91
28) 1,1,1-Trichloroethane	5.318	97	6147	0.492	ug/l	96
29) 1,1-Dichloropropene	5.530	75	4820	0.492	ug/l	98
30) Carbon Tetrachloride	5.523	117	5451	0.535	ug/l	97
31) Isopropyl Ether	3.999	45	9039	0.375	ug/l	85
32) Ethyl-t-butyl ether	4.507	59	7624	0.393	ug/l	96
33) Tert-Amyl methyl ether	5.948	73	5822	0.431	ug/l	95
34) Propionitrile	4.800	54	2092	2.373	ug/l	# 74
35) Benzene	5.777	78	15537	0.485	ug/l	96
36) 1,2-Dichloroethane	5.803	62	5412	0.536	ug/l	# 88
37) Trichloroethene	6.546	130	3952	0.506	ug/l	86
38) 1,2-Dichloropropane	6.797	63	4536	0.508	ug/l	92
39) Methacrylonitrile	4.990	41	1187m	0.443	ug/l	
40) Methyl acrylate	4.861	55	2394	0.484	ug/l	# 73
41) Tetrahydrofuran	5.076	42	1659	1.041	ug/l	# 82
42) 1-Chlorobutane	5.465	56	6337	0.461	ug/l	99
43) Dibromomethane	6.925	93	2627	0.534	ug/l	99
44) Bromodichloromethane	7.108	83	5797	0.512	ug/l	99

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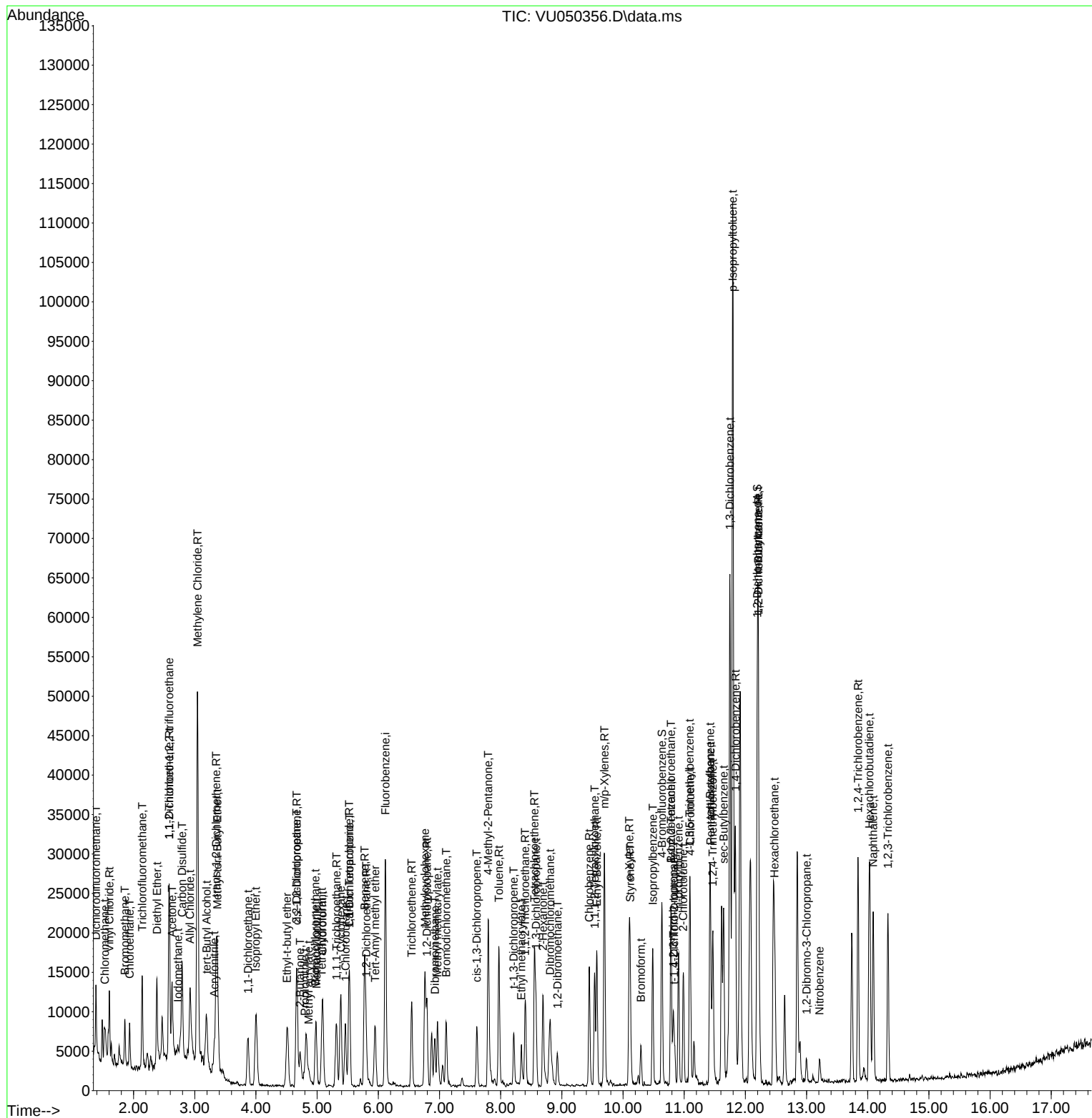
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	15072	2.800	ug/l	96
46) t-1,4-Dichloro-2-butene	10.835	75	1658m	0.711	ug/l	
47) Methyl methacrylate	6.967	69	3669	0.925	ug/l	93
48) Ethyl methacrylate	8.340	69	3073	0.442	ug/l	87
49) Toluene	7.970	92	7944	0.439	ug/l	97
50) t-1,3-Dichloropropene	8.215	75	4436	0.473	ug/l	91
51) cis-1,3-Dichloropropene	7.610	75	4843	0.457	ug/l #	89
52) 1,1,2-Trichloroethane	8.401	97	4204	0.572	ug/l	93
53) 1,3-Dichloropropane	8.578	76	5616	0.494	ug/l	94
54) 2-Hexanone	8.690	43	9145	2.498	ug/l	91
55) Dibromochloromethane	8.809	129	4115	0.527	ug/l	92
56) 1,2-Dibromoethane	8.928	107	3183	0.502	ug/l	98
58) Tetrachloroethene	8.552	164	3823	0.519	ug/l	99
59) Chlorobenzene	9.449	112	9156	0.467	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.536	131	4094	0.513	ug/l	95
61) Pentachloroethane	11.430	117	3038	0.467	ug/l	89
62) Hexachloroethane	12.475	117	3290	0.603	ug/l #	79
63) Ethyl Benzene	9.571	91	12356	0.402	ug/l	95
64) m/p-Xylenes	9.697	106	9285	0.772	ug/l	92
65) o-Xylene	10.102	106	4384	0.382	ug/l	98
66) Styrene	10.118	104	7024	0.366	ug/l	97
67) Bromoform	10.295	173	2219	0.496	ug/l	96
69) Isopropylbenzene	10.488	105	11027	0.376	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.784	83	5387	0.541	ug/l	97
71) 1,2,3-Trichloropropane	10.825	75	3616m	0.478	ug/l	
72) Bromobenzene	10.784	156	3670	0.448	ug/l	98
73) n-propylbenzene	10.909	120	2706	0.349	ug/l	83
74) 2-Chlorotoluene	10.983	126	2890	0.380	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	8857	0.346	ug/l	98
76) 4-Chlorotoluene	11.099	126	3003	0.388	ug/l	79
77) tert-Butylbenzene	11.423	119	10665	0.418	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	10060	0.374	ug/l	98
79) sec-Butylbenzene	11.645	105	14864	0.433	ug/l	94
80) Nitrobenzene	13.211	77	1878	3.062	ug/l #	83
81) p-Isopropyltoluene	11.793	119	64940	1.428	ug/l	95
82) 1,3-Dichlorobenzene	11.748	146	8242	0.480	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	9077	0.514	ug/l	98
84) n-Butylbenzene	12.211	91	15942	0.575	ug/l	93
85) 1,2-Dichlorobenzene	12.214	146	8205	0.480	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.999	75	846	0.528	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.841	180	7350	0.673	ug/l	93
88) Hexachlorobutadiene	14.025	225	3921	0.628	ug/l	99
89) Naphthalene	14.089	128	18387	0.858	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	6948	0.631	ug/l	94

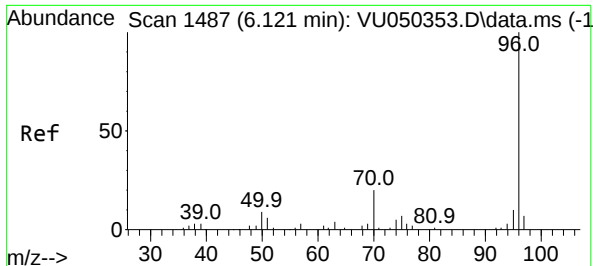
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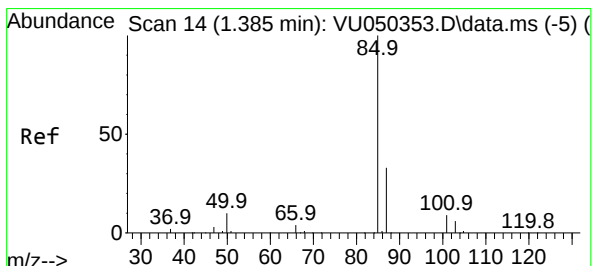
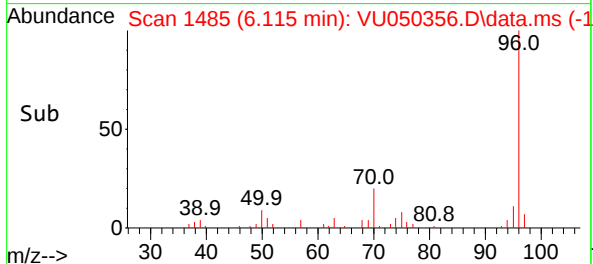
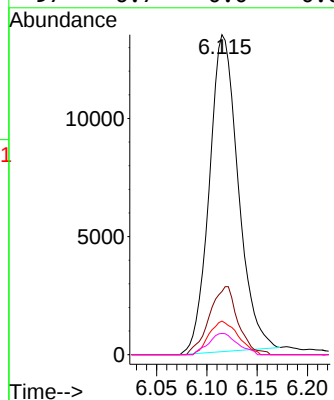
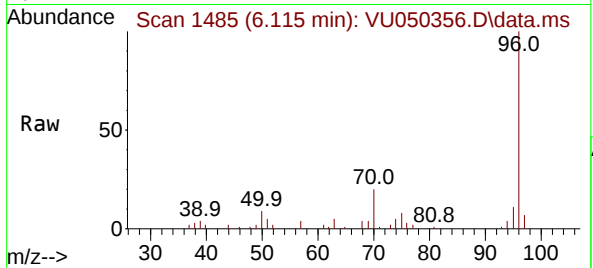




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.006 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

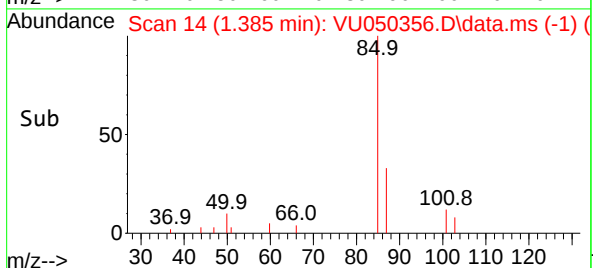
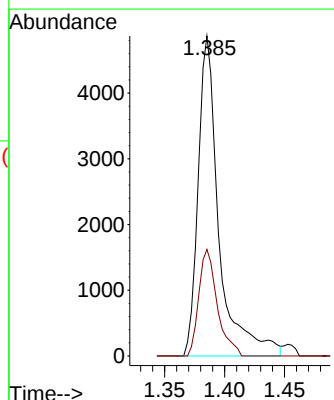
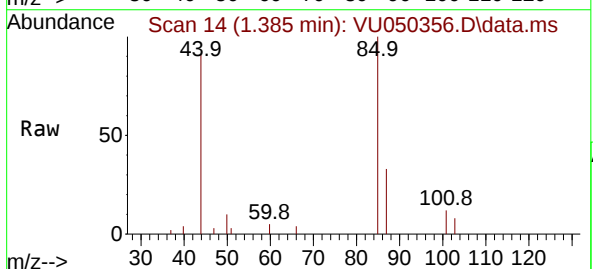
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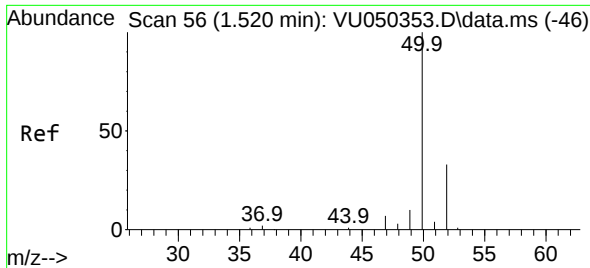
Tgt Ion: 96	Resp: 26816
Ion Ratio	Lower Upper
96 100	
70 21.3	16.7 25.1
95 10.6	7.4 11.0
97 6.7	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.560 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 85	Resp: 5887
Ion Ratio	Lower Upper
85 100	
87 33.3	16.3 48.8

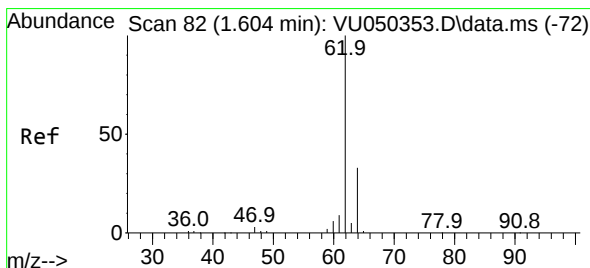
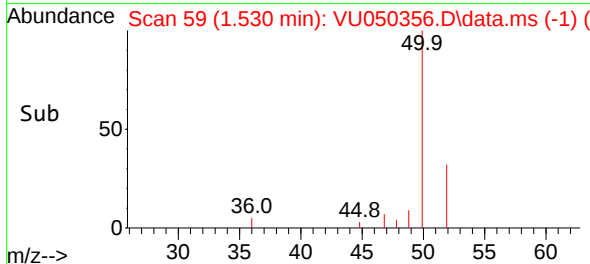
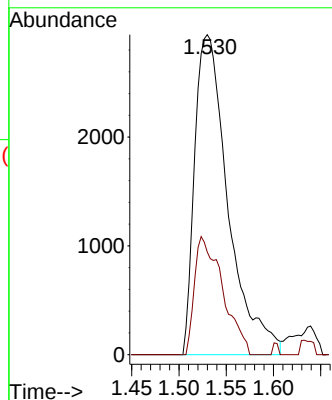
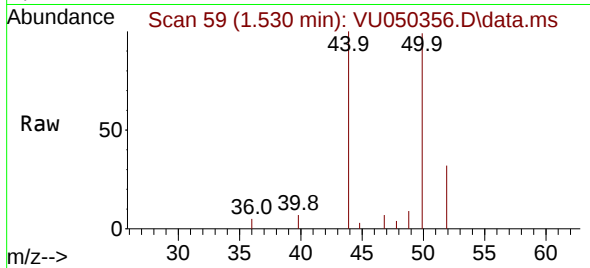




#3
Chloromethane
Concen: 0.572 ug/l
RT: 1.530 min Scan# 51
Delta R.T. 0.010 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

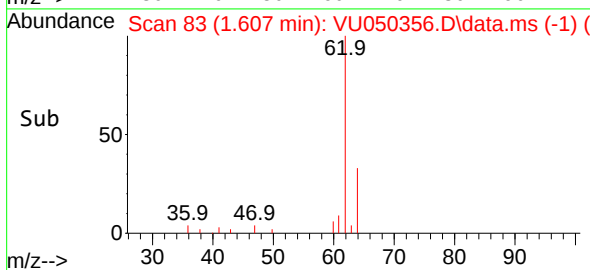
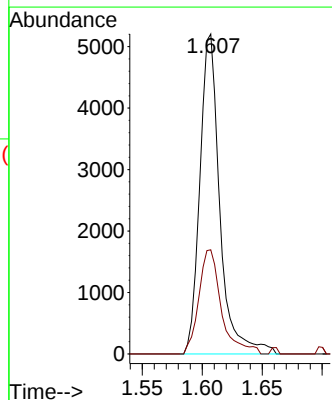
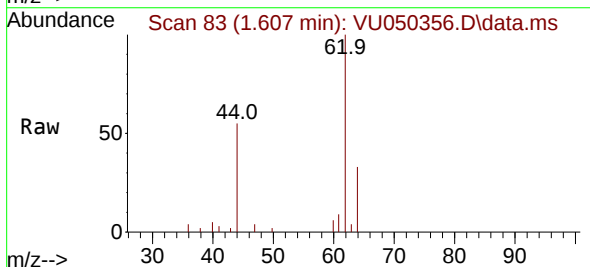
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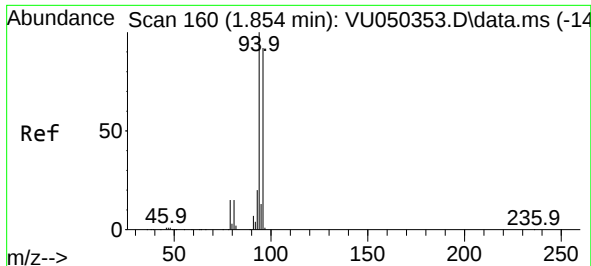
Tgt Ion: 50 Resp: 7218
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 0.530 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 62 Resp: 6038
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

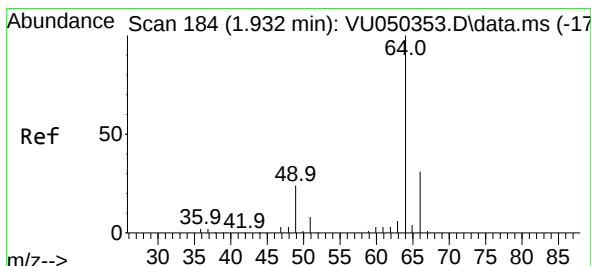
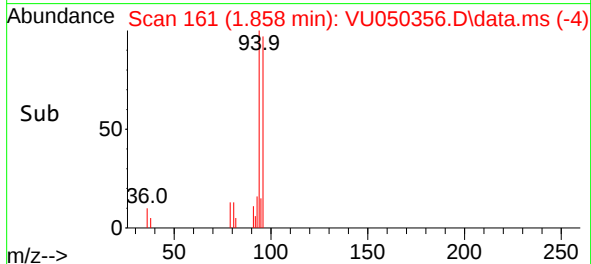
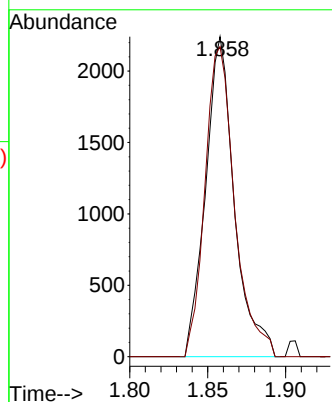
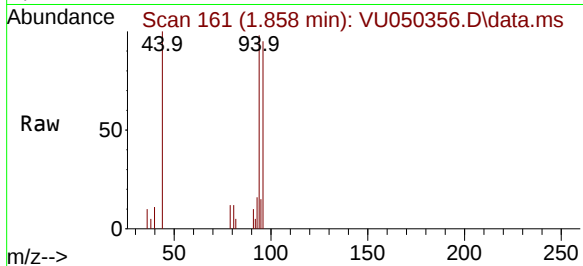




#5
Bromomethane
Concen: 0.584 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU050356.D
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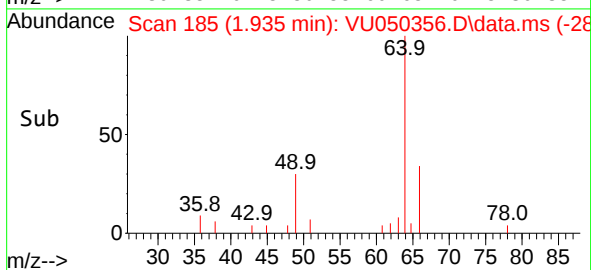
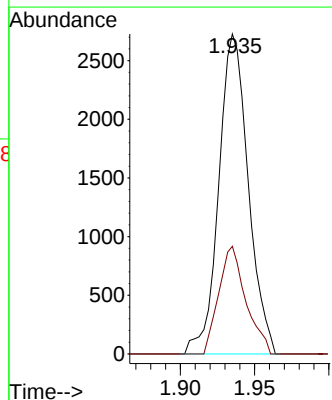
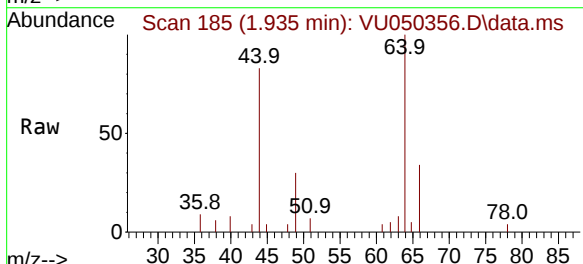
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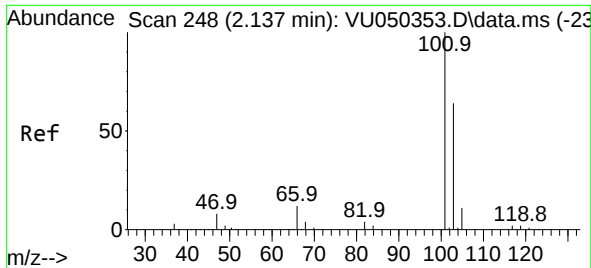
Tgt Ion: 94 Resp: 2884
Ion Ratio Lower Upper
94 100
96 96.9 73.0 109.6



#6
Chloroethane
Concen: 0.537 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 64 Resp: 3767
Ion Ratio Lower Upper
64 100
66 33.6 25.8 38.6

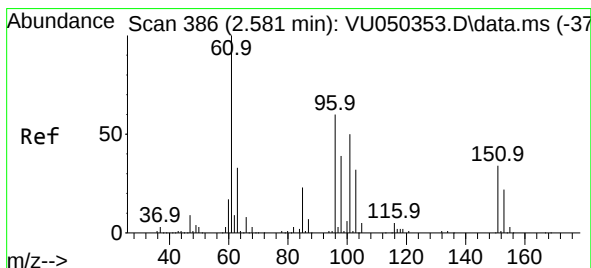
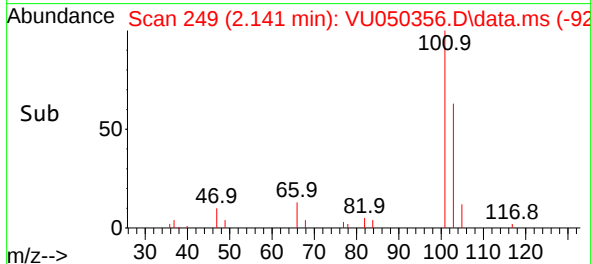
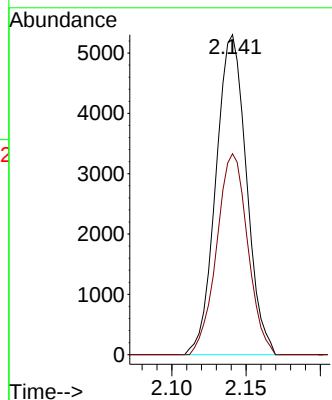
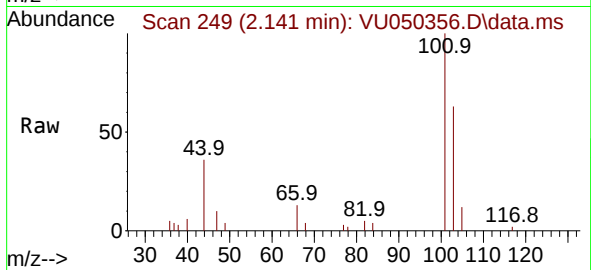




#7
 Trichlorofluoromethane
 Concen: 0.566 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU050356.D
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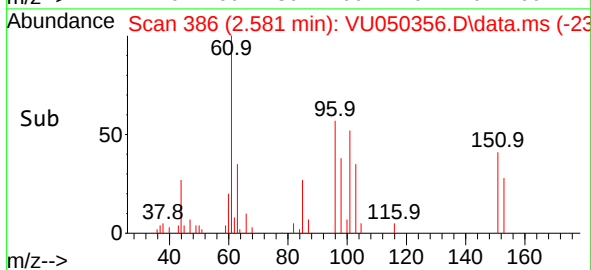
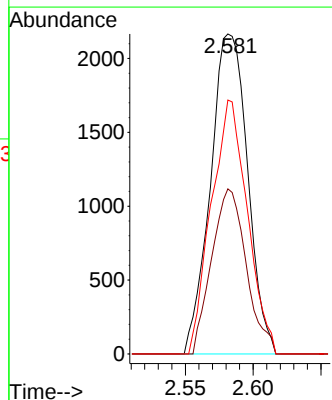
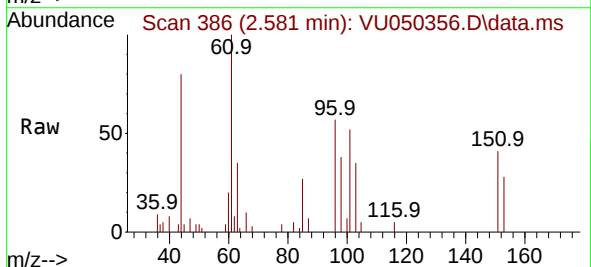
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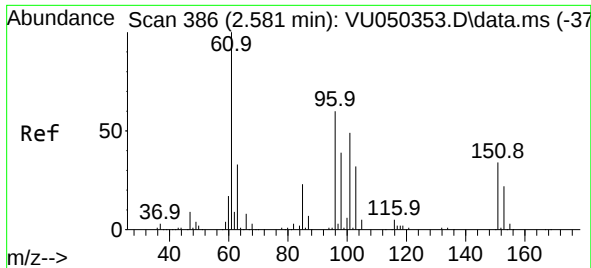
Tgt Ion:101 Resp: 7588
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.571 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU050356.D
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Tgt Ion:101 Resp: 4135
 Ion Ratio Lower Upper
 101 100
 85 48.0 36.4 54.6
 151 77.0 59.1 88.7

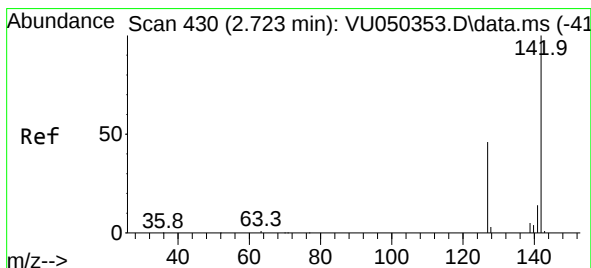
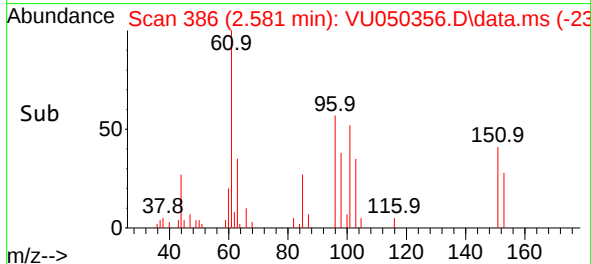
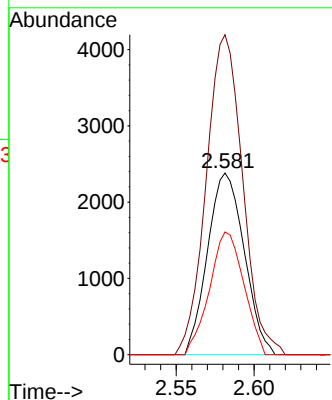
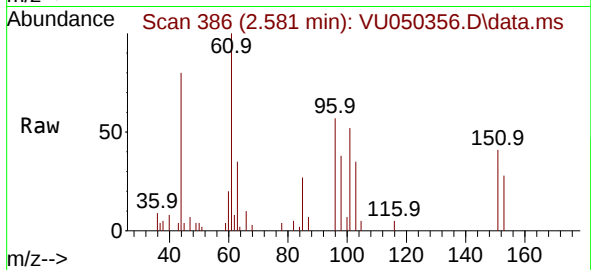




#9
1,1-Dichloroethene
Concen: 0.518 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU050356.D
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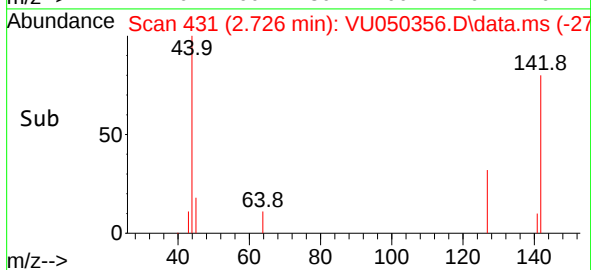
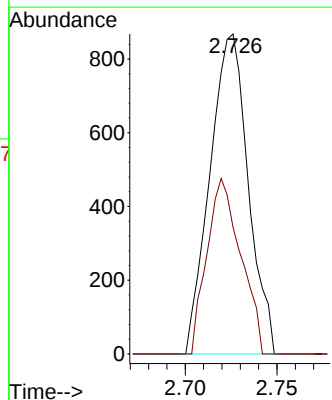
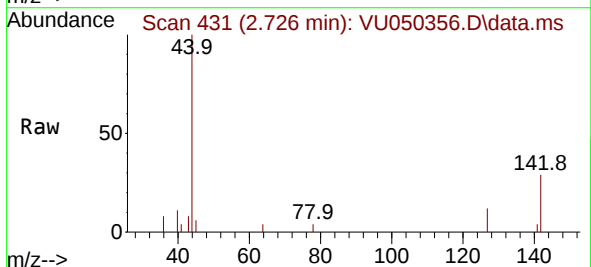
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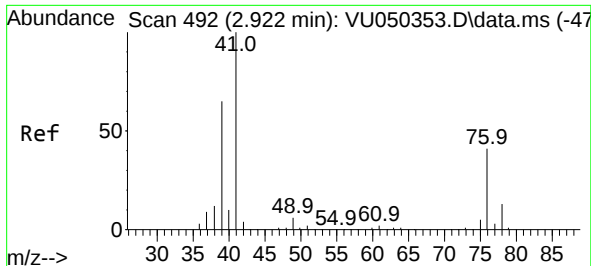
Tgt Ion: 96 Resp: 3892
Ion Ratio Lower Upper
96 100
61 171.9 0.0 510.6
98 67.6 0.0 124.6



#10
Iodomethane
Concen: 0.177 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 142 Resp: 1260
Ion Ratio Lower Upper
142 100
127 48.3 38.2 57.2

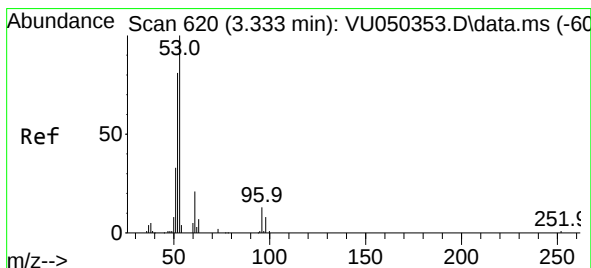
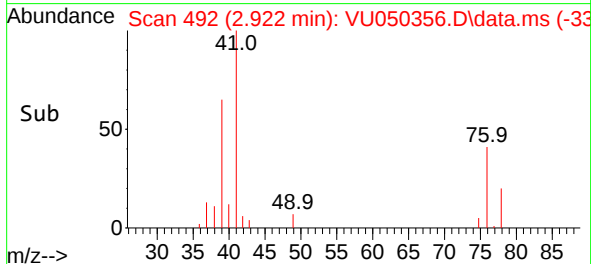
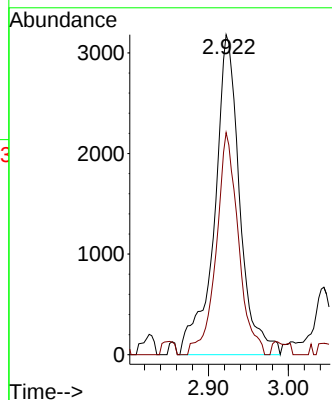
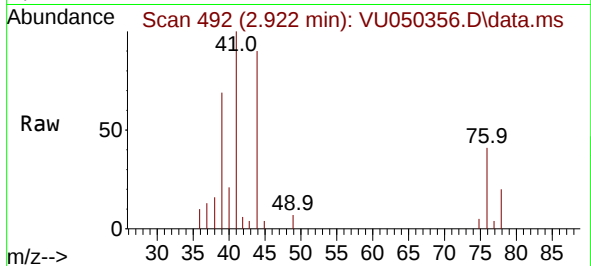




#11
 Allyl Chloride
 Concen: 0.564 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

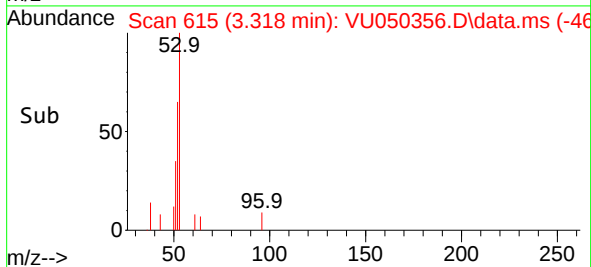
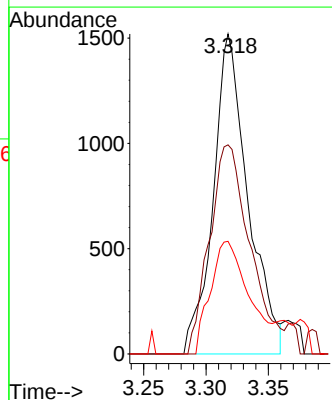
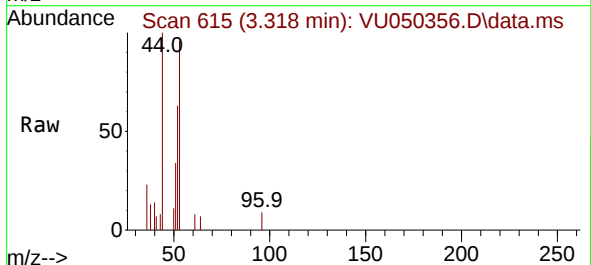
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

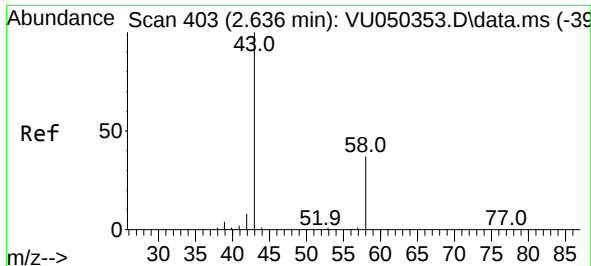
Tgt Ion: 41 Resp: 6963
 Ion Ratio Lower Upper
 41 100
 39 60.8 53.2 79.8



#12
 Acrylonitrile
 Concen: 1.182 ug/l
 RT: 3.318 min Scan# 615
 Delta R.T. -0.016 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

Tgt Ion: 53 Resp: 2942
 Ion Ratio Lower Upper
 53 100
 52 76.6 64.6 97.0
 51 39.3 30.7 46.1





#13

Acetone

Concen: 5.285 ug/l

RT: 2.630 min Scan# 403

Delta R.T. -0.006 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

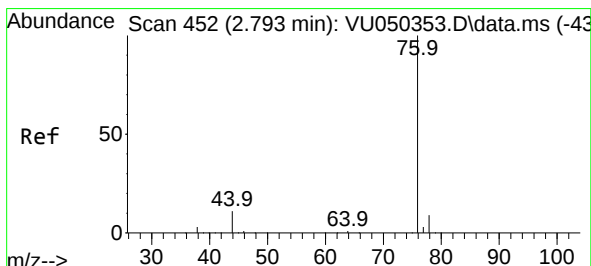
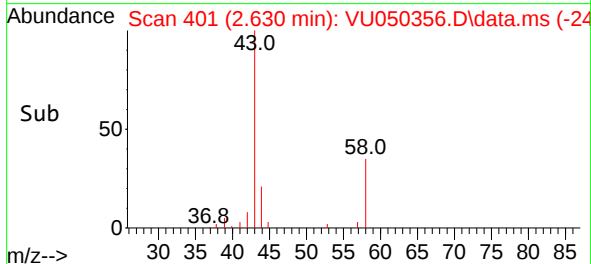
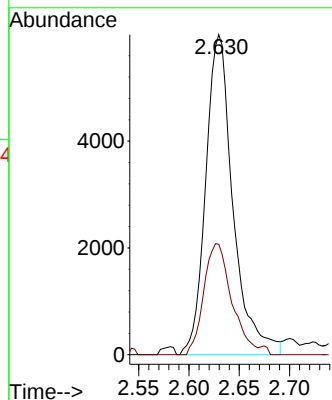
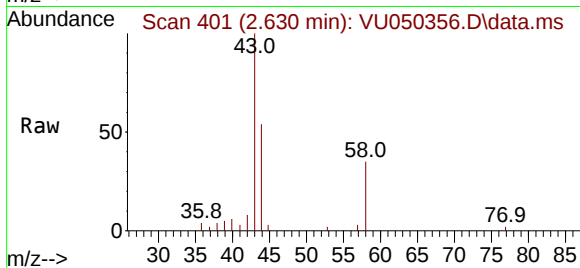
VSTDIC0.5

Tgt Ion: 43 Resp: 11346

Ion Ratio Lower Upper

43 100

58 34.5 26.2 39.2



#14

Carbon Disulfide

Concen: 0.586 ug/l

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU050356.D

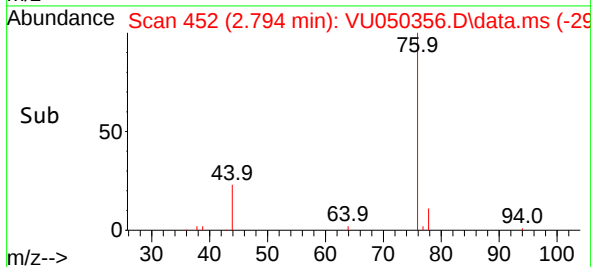
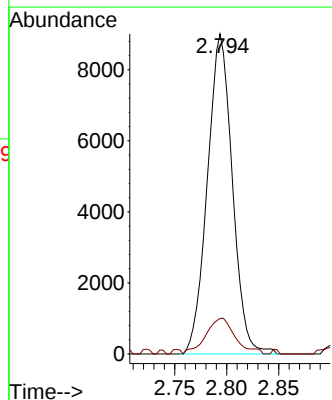
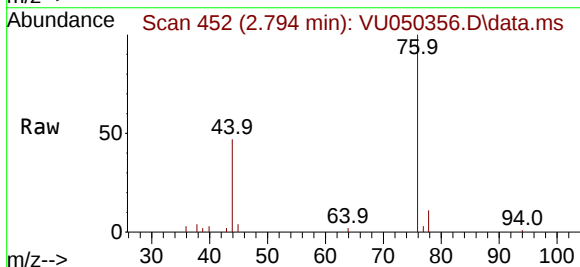
Acq: 17 Aug 2022 13:07

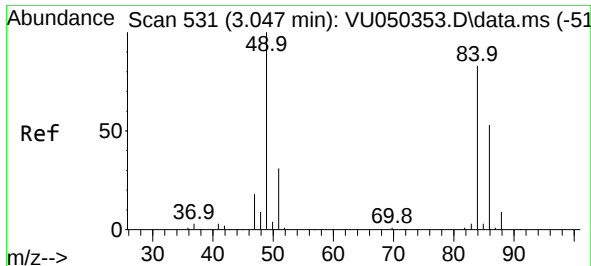
Tgt Ion: 76 Resp: 15076

Ion Ratio Lower Upper

76 100

78 11.1 7.4 11.0#



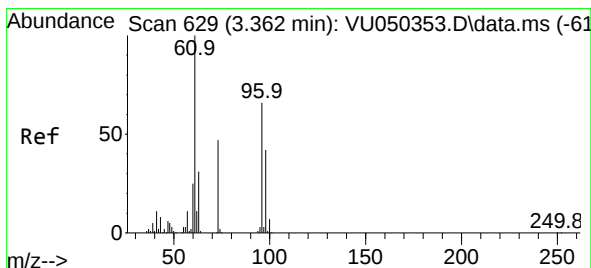
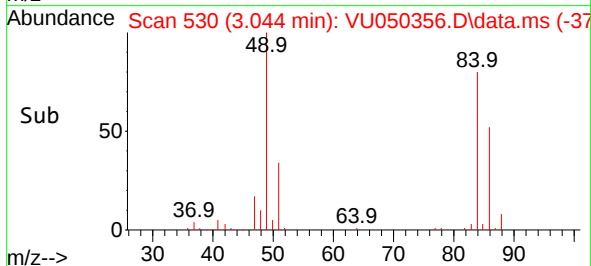
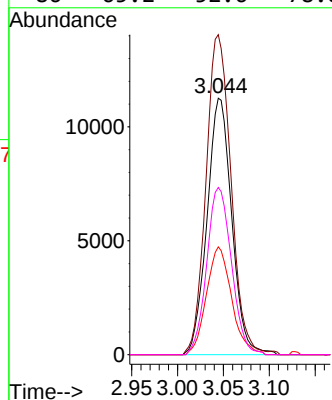
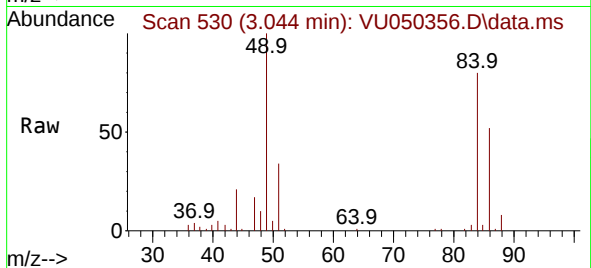


#15
Methylene Chloride
Concen: 1.386 ug/l
RT: 3.044 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 84 Resp: 21107

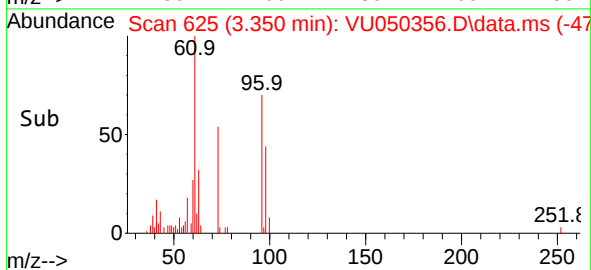
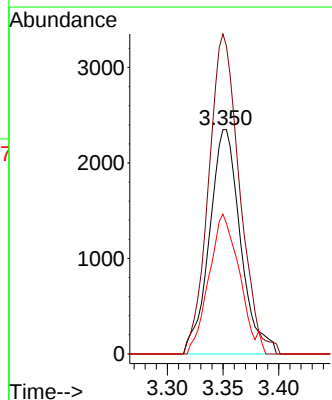
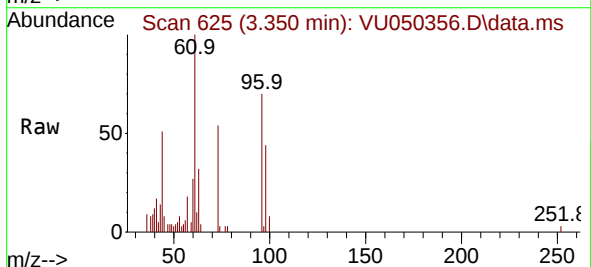
Ion	Ratio	Lower	Upper
84	100		
49	124.8	104.6	157.0
51	42.1	0.0	81.4
86	65.2	52.6	78.8

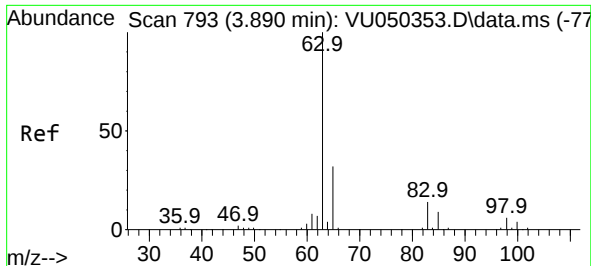


#16
trans-1,2-Dichloroethene
Concen: 0.547 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.013 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 96 Resp: 4544

Ion	Ratio	Lower	Upper
96	100		
61	142.7	123.4	185.0
98	62.3	51.6	77.4

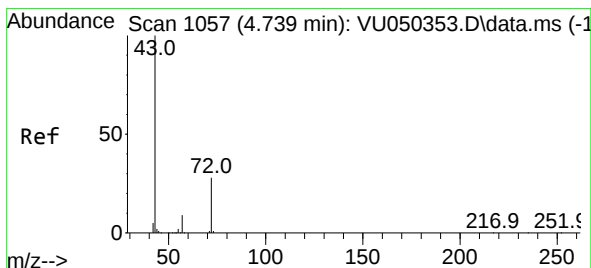
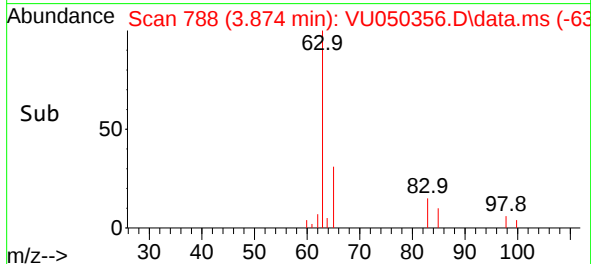
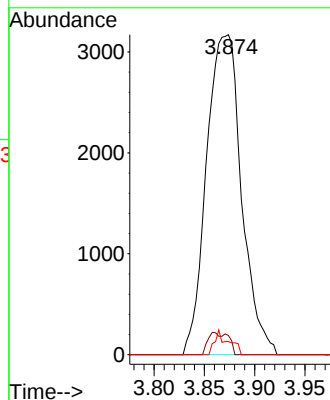
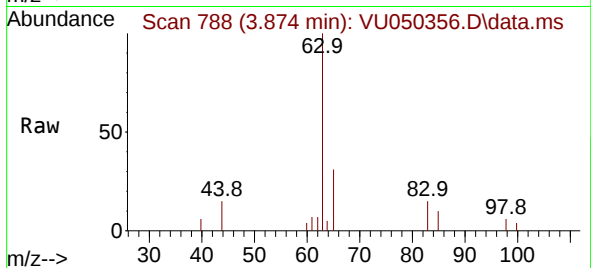




#17
1,1-Dichloroethane
Concen: 0.475 ug/l
RT: 3.874 min Scan# 71
Delta R.T. -0.016 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

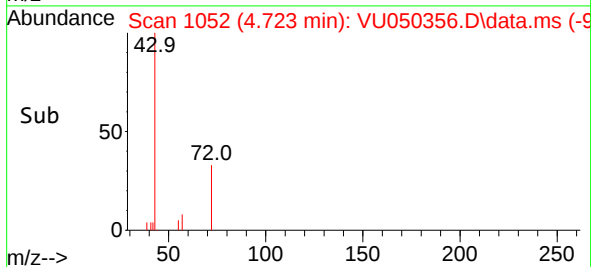
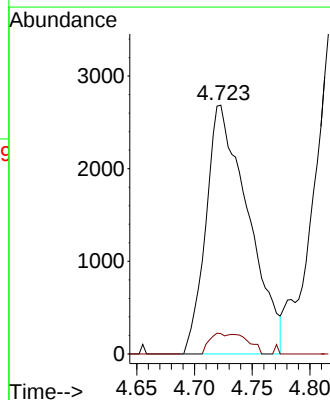
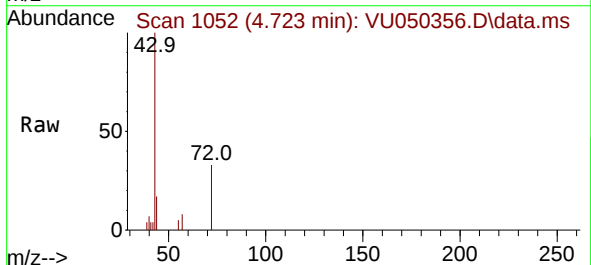
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

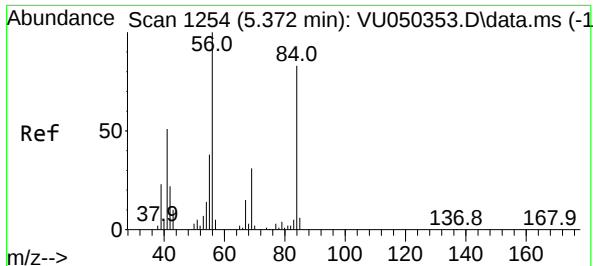
Tgt Ion: 63 Resp: 7693
Ion Ratio Lower Upper
63 100
98 6.0 3.4 10.2
100 4.1 2.0 6.0



#18
2-Butanone
Concen: 2.577 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. -0.016 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 43 Resp: 6811
Ion Ratio Lower Upper
43 100
57 8.2 0.0 18.0





#19

Cyclohexane

Concen: 0.492 ug/l m

RT: 5.385 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

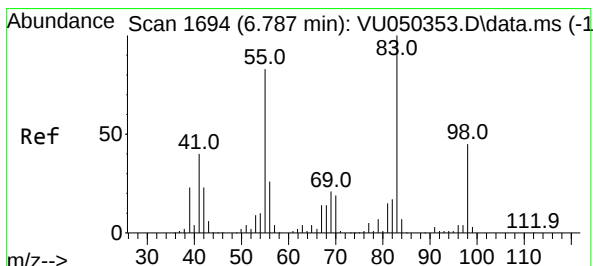
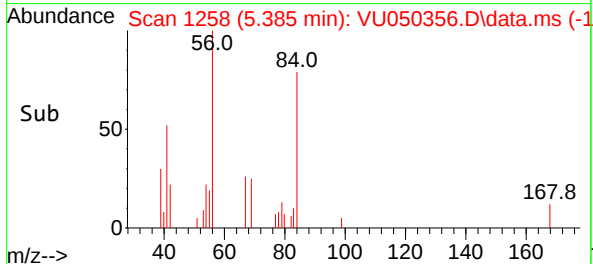
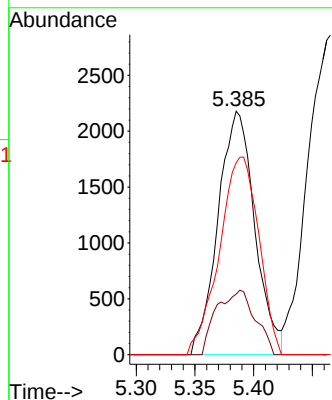
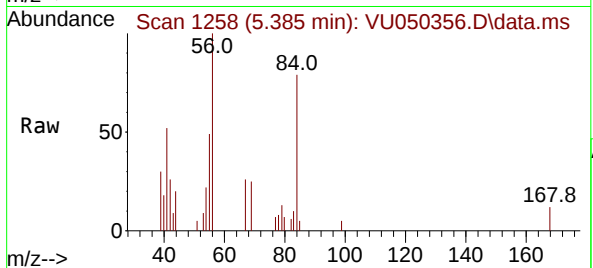
Tgt Ion: 56 Resp: 4749

Ion Ratio Lower Upper

56 100

69 27.8 24.2 36.4

84 86.7 63.4 95.2



#20

Methylcyclohexane

Concen: 0.497 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. -0.022 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

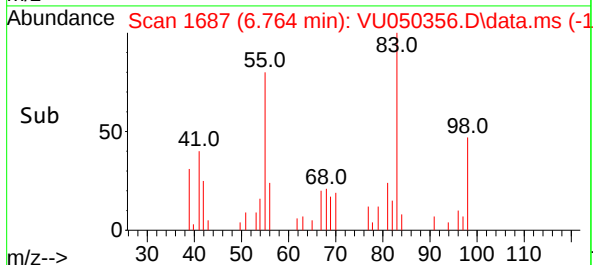
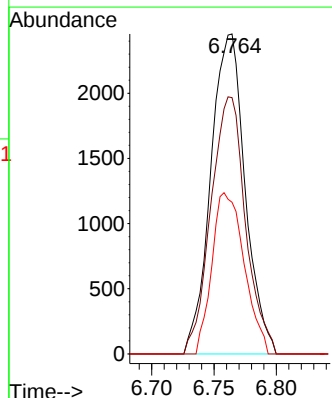
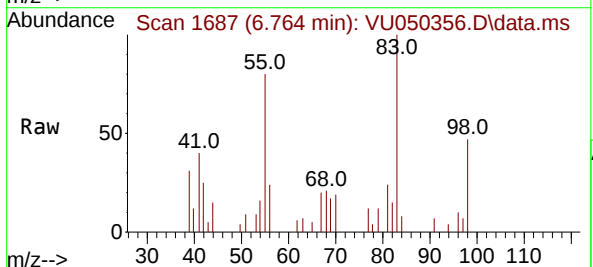
Tgt Ion: 83 Resp: 4712

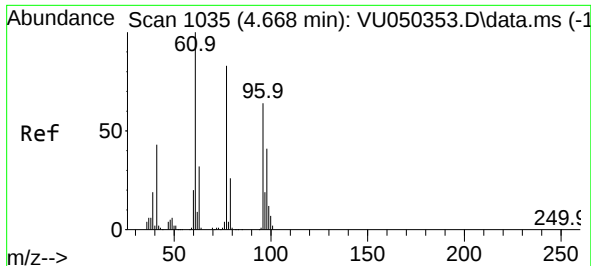
Ion Ratio Lower Upper

83 100

55 81.1 63.0 94.4

98 47.3 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.478 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

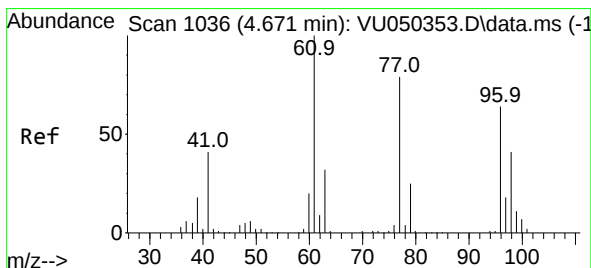
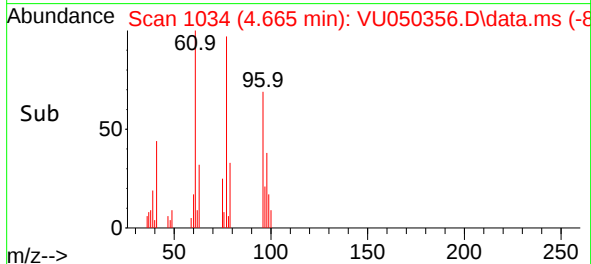
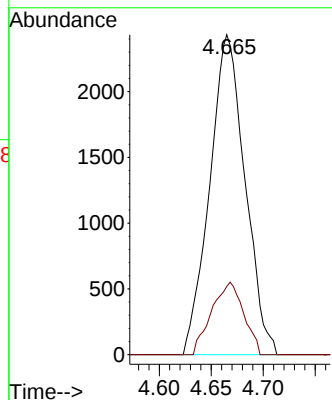
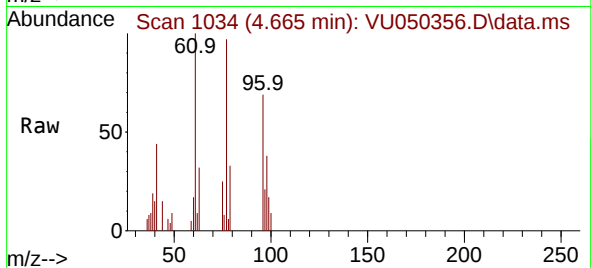
VSTDICC0.5

Tgt Ion: 77 Resp: 5741

Ion Ratio Lower Upper

77 100

97 20.6 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 0.469 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

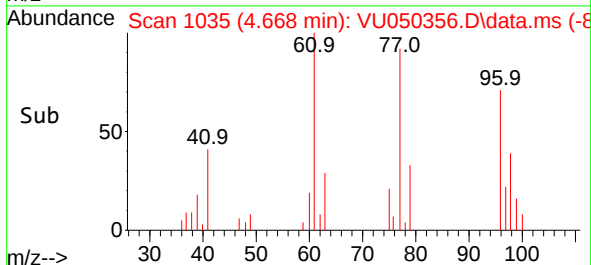
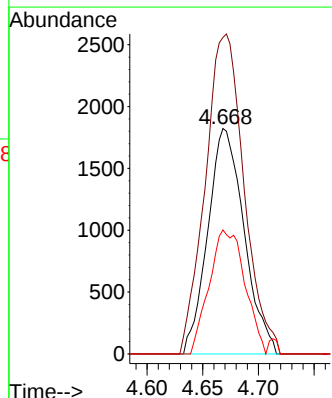
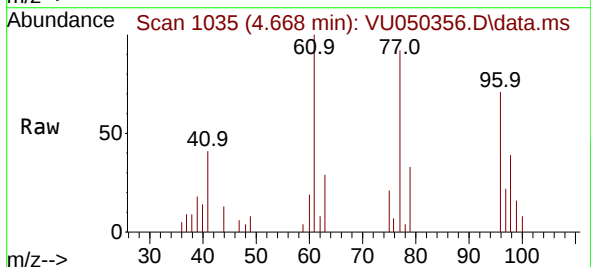
Tgt Ion: 96 Resp: 4123

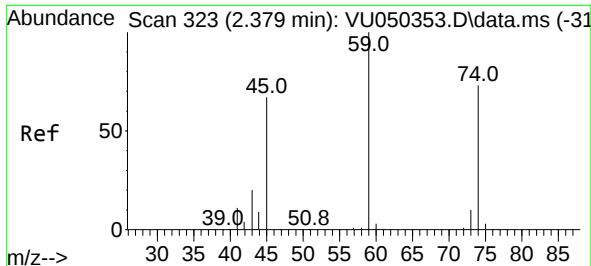
Ion Ratio Lower Upper

96 100

61 151.5 0.0 375.8

98 54.1 31.6 95.0





#23

Diethyl Ether

Concen: 0.697 ug/l

RT: 2.382 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

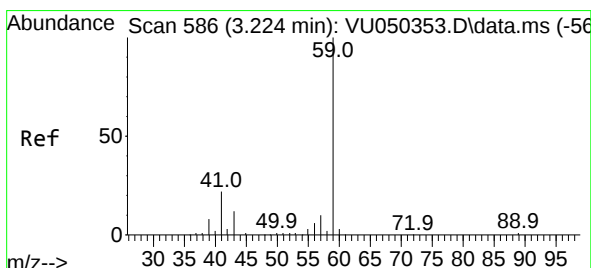
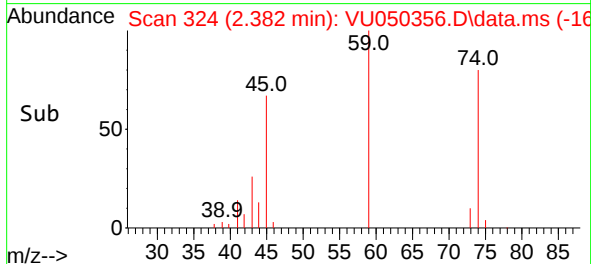
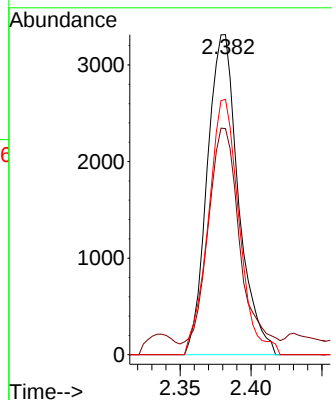
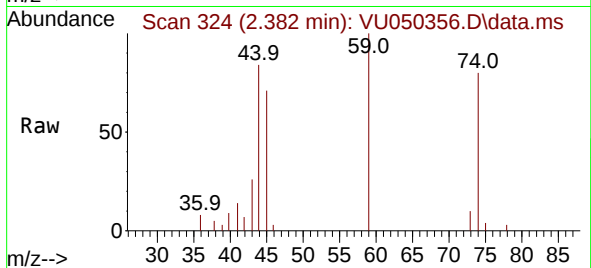
Tgt Ion: 59 Resp: 5077

Ion Ratio Lower Upper

59 100

45 75.0 56.0 84.0

74 78.6 57.6 86.4



#24

tert-Butyl Alcohol

Concen: 6.415 ug/l

RT: 3.195 min Scan# 577

Delta R.T. -0.029 min

Lab File: VU050356.D

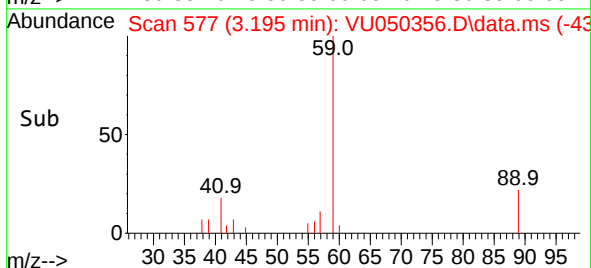
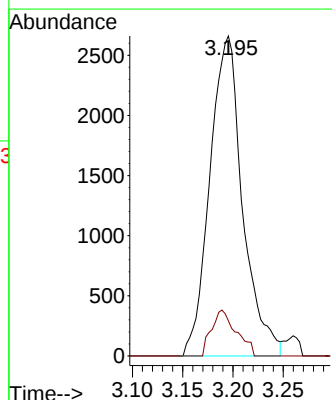
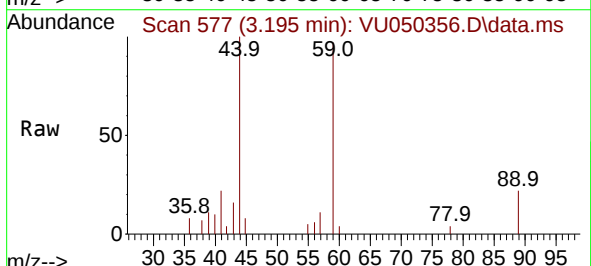
Acq: 17 Aug 2022 13:07

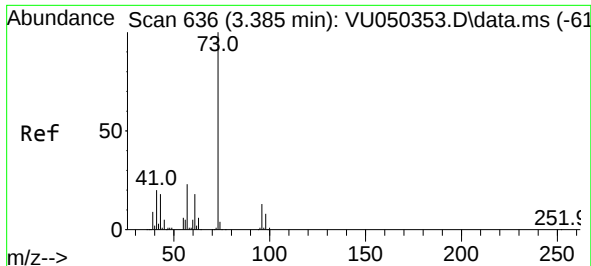
Tgt Ion: 59 Resp: 6023

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.2

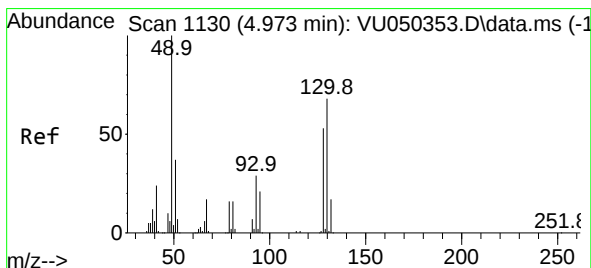
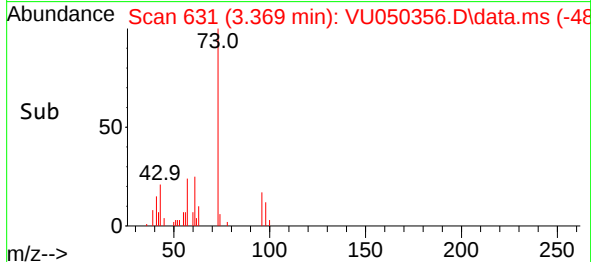
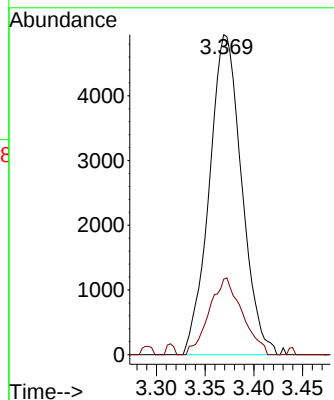
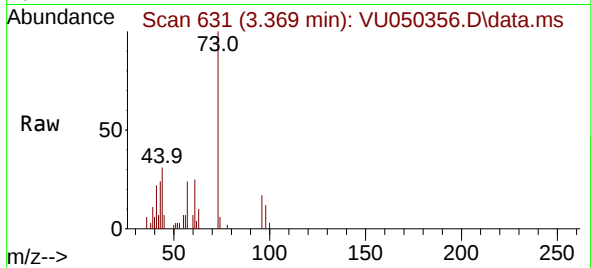




#25
Methyl tert-Butyl Ether
Concen: 0.536 ug/l
RT: 3.369 min Scan# 611
Delta R.T. -0.016 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

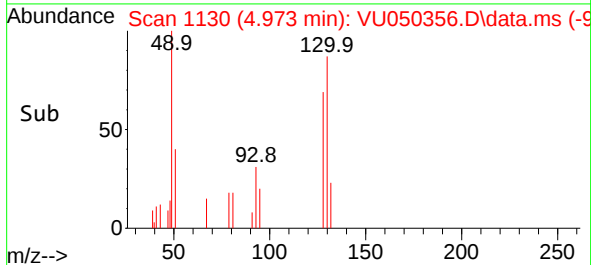
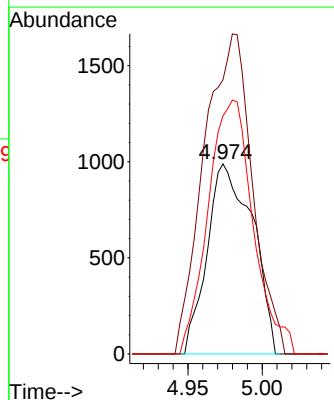
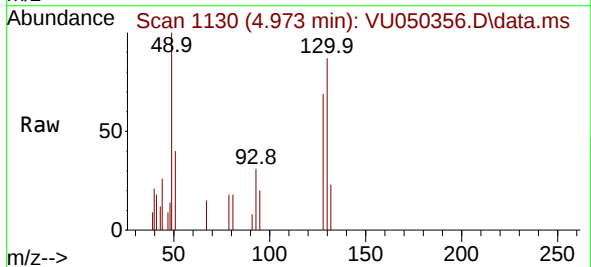
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

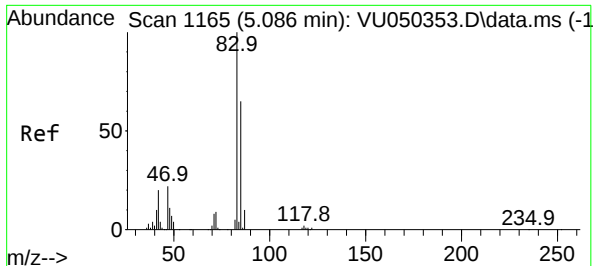
Tgt Ion: 73 Resp: 11426
Ion Ratio Lower Upper
73 100
43 24.4 15.9 23.9#



#26
Bromochloromethane
Concen: 0.530 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:128 Resp: 2102
Ion Ratio Lower Upper
128 100
49 178.9 0.0 349.2
130 132.9 103.0 154.6





#27

Chloroform

Concen: 0.572 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

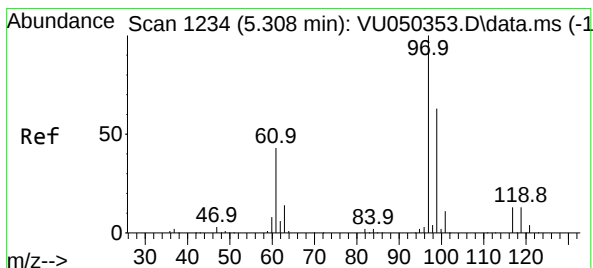
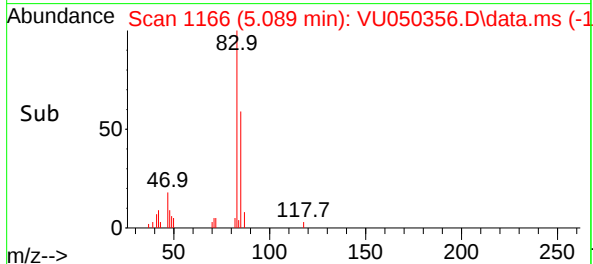
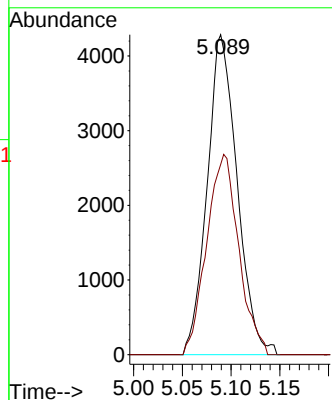
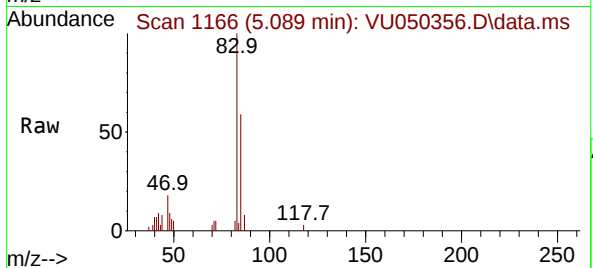
VSTDICC0.5

Tgt Ion: 83 Resp: 9165

Ion Ratio Lower Upper

83 100

85 59.4 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 0.492 ug/l

RT: 5.318 min Scan# 1237

Delta R.T. 0.010 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

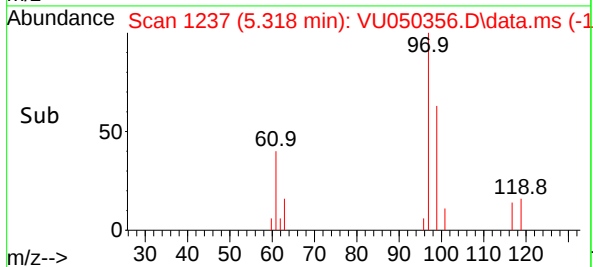
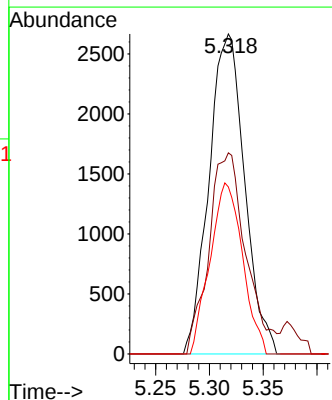
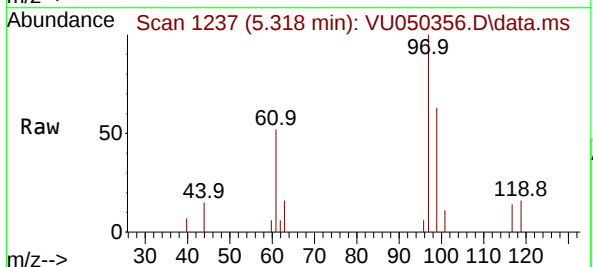
Tgt Ion: 97 Resp: 6147

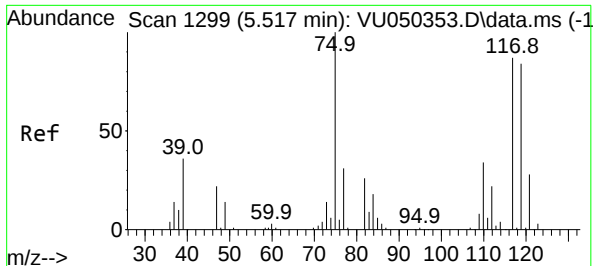
Ion Ratio Lower Upper

97 100

99 65.4 32.1 96.5

61 48.8 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.492 ug/l

RT: 5.530 min Scan# 11

Delta R.T. 0.013 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

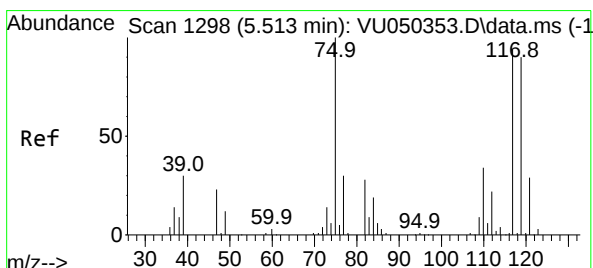
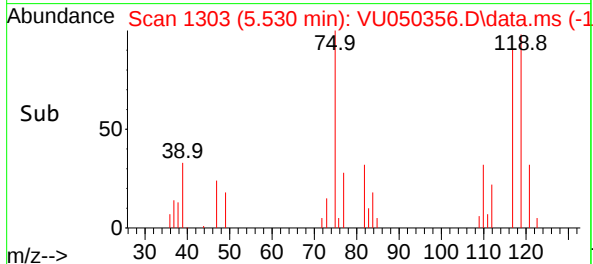
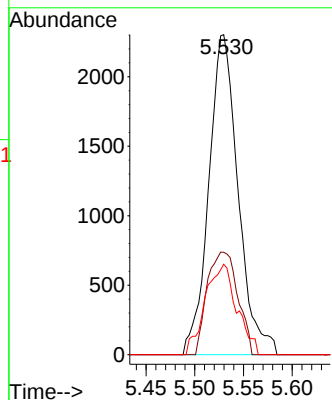
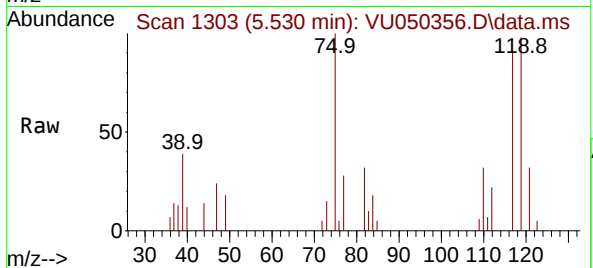
Tgt Ion: 75 Resp: 4820

Ion Ratio Lower Upper

75 100

110 33.4 17.3 52.0

77 30.5 24.6 37.0



#30

Carbon Tetrachloride

Concen: 0.535 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.010 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

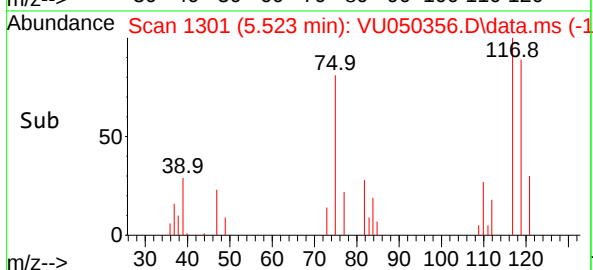
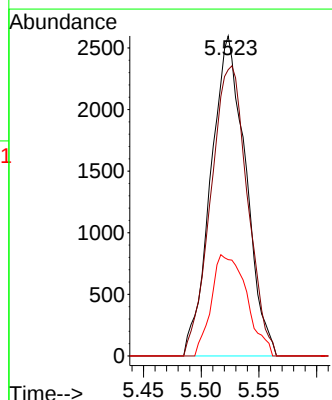
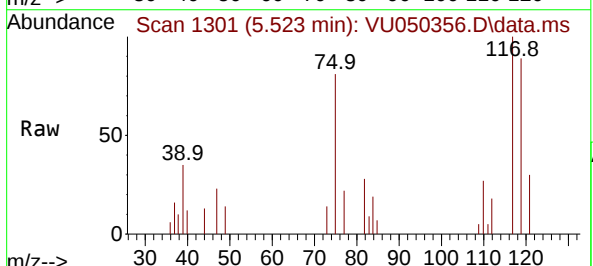
Tgt Ion: 117 Resp: 5451

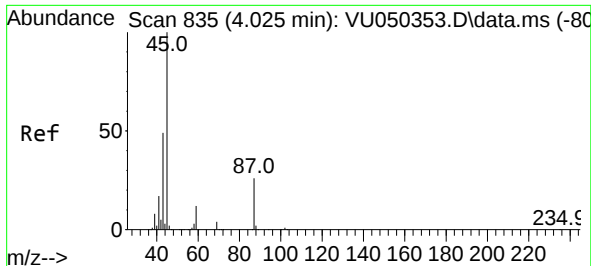
Ion Ratio Lower Upper

117 100

119 89.5 74.6 112.0

121 30.1 24.2 36.4

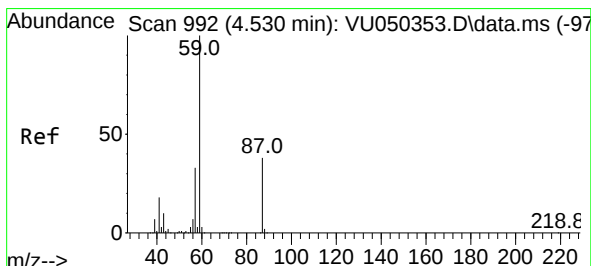
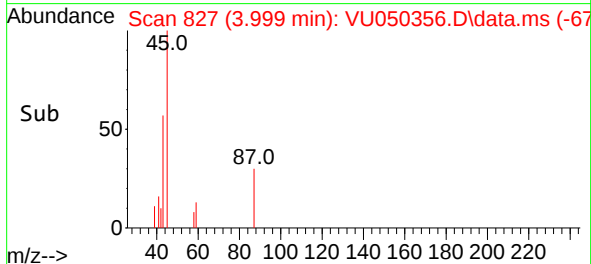
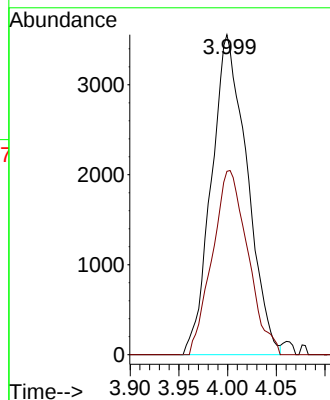
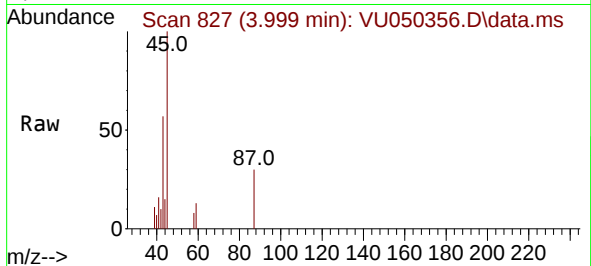




#31
Isopropyl Ether
Concen: 0.375 ug/l
RT: 3.999 min Scan# 81
Delta R.T. -0.026 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

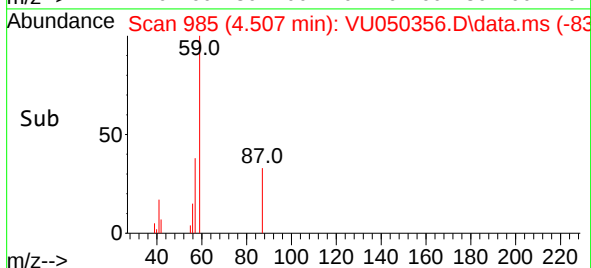
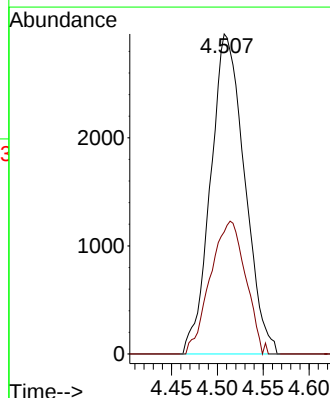
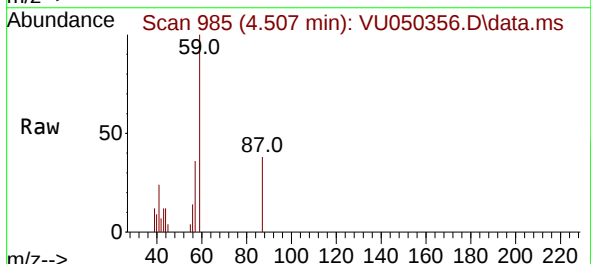
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

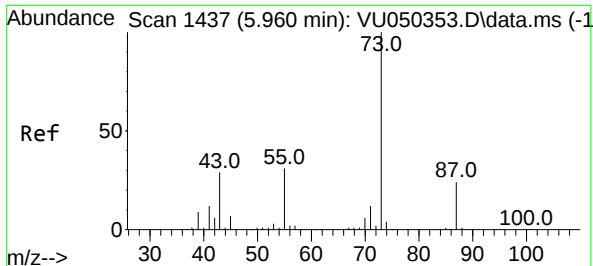
Tgt Ion: 45 Resp: 9039
Ion Ratio Lower Upper
45 100
43 57.4 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.393 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.023 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 59 Resp: 7624
Ion Ratio Lower Upper
59 100
87 43.1 32.5 48.7

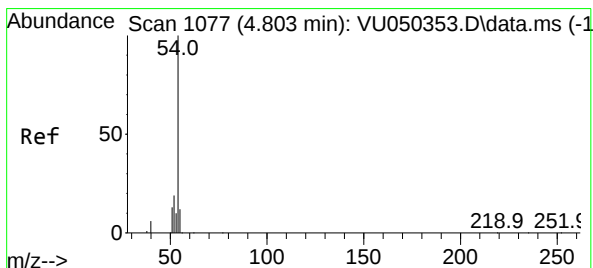
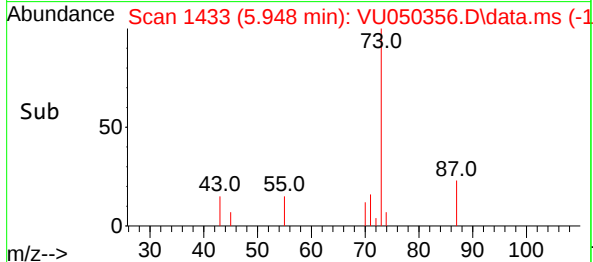
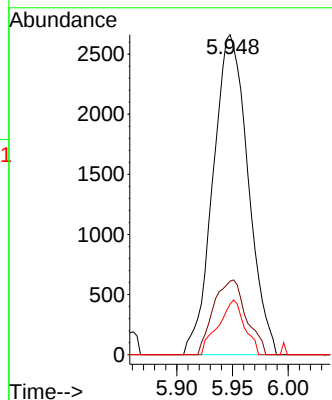
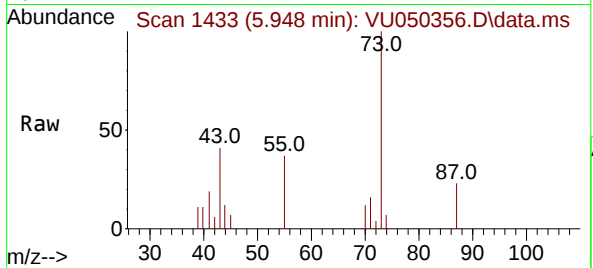




#33
Tert-Amyl methyl ether
Concen: 0.431 ug/l
RT: 5.948 min Scan# 1437
Delta R.T. -0.013 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

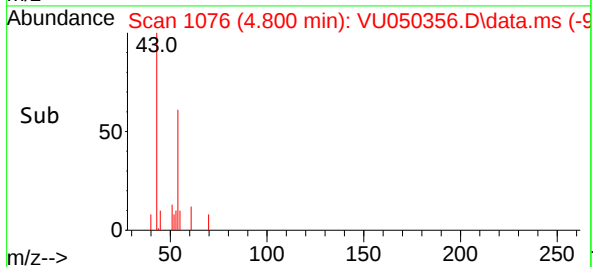
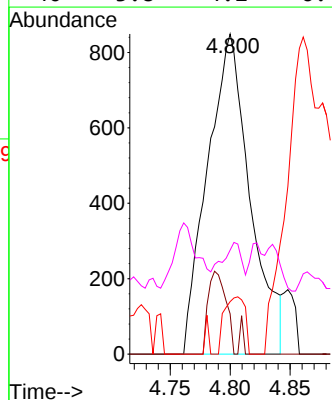
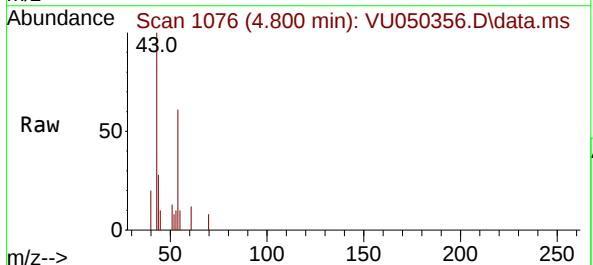
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

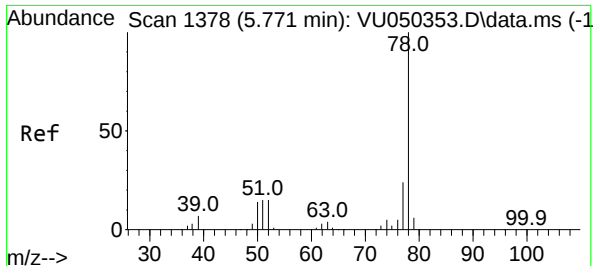
Tgt Ion: 73	Resp: 5822
Ion Ratio	Lower Upper
73 100	
87 21.8	19.7 29.5
71 12.8	9.0 13.4



#34
Propionitrile
Concen: 2.373 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 54	Resp: 2092
Ion Ratio	Lower Upper
54 100	
52 1.0	15.0 22.6#
55 8.7	12.6 19.0#
40 3.8	4.2 6.4#

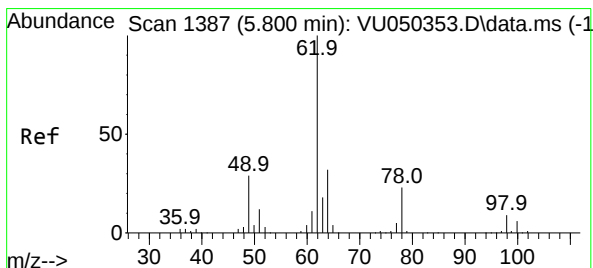
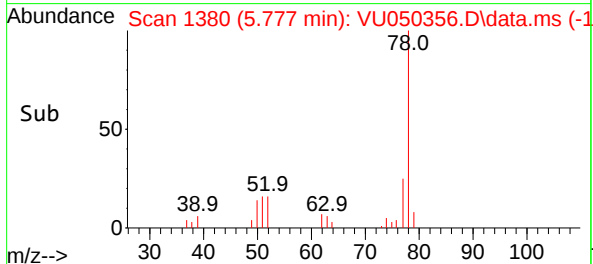
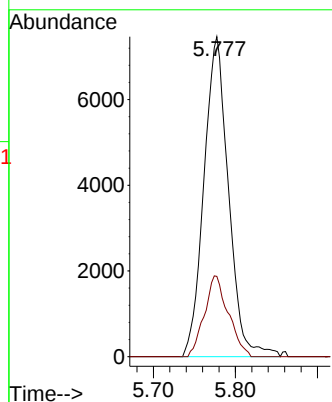
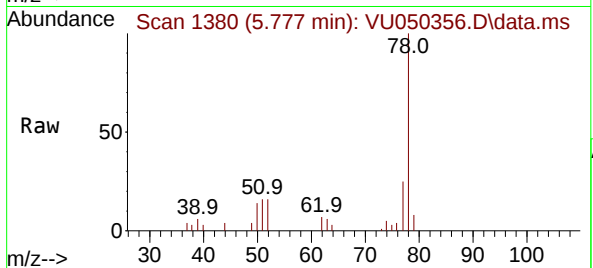




#35
Benzene
Concen: 0.485 ug/l
RT: 5.777 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

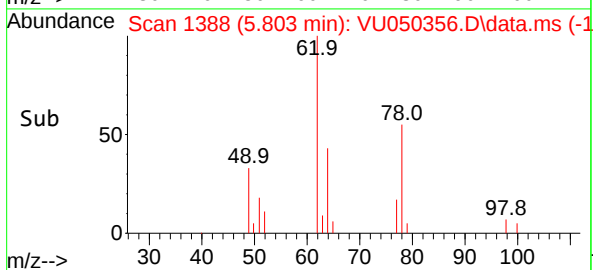
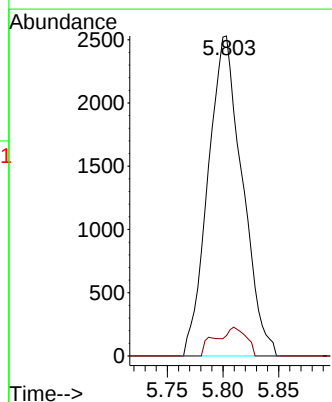
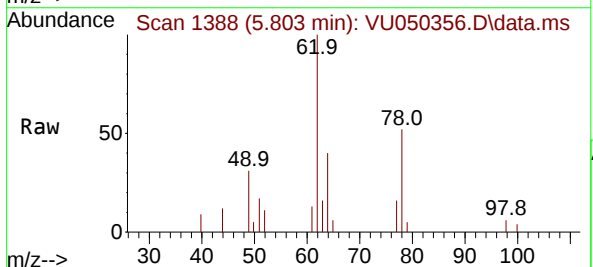
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

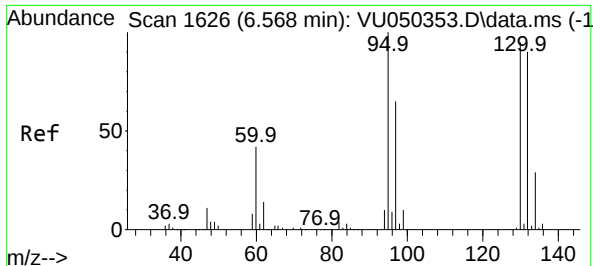
Tgt Ion: 78 Resp: 15537
Ion Ratio Lower Upper
78 100
77 25.1 18.6 28.0



#36
1,2-Dichloroethane
Concen: 0.536 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 62 Resp: 5412
Ion Ratio Lower Upper
62 100
98 5.0 7.4 11.0#





#37

Trichloroethene

Concen: 0.506 ug/l

RT: 6.546 min Scan# 1

Delta R.T. -0.022 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

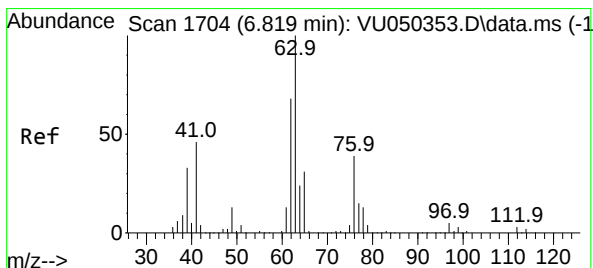
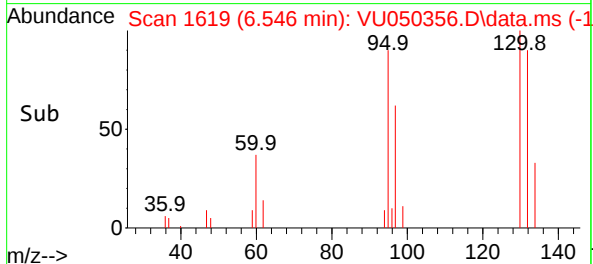
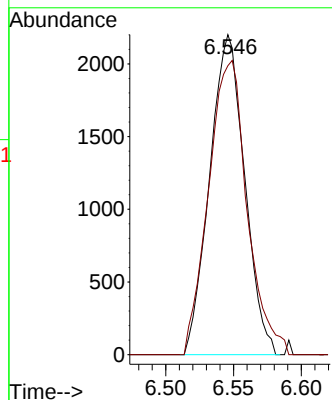
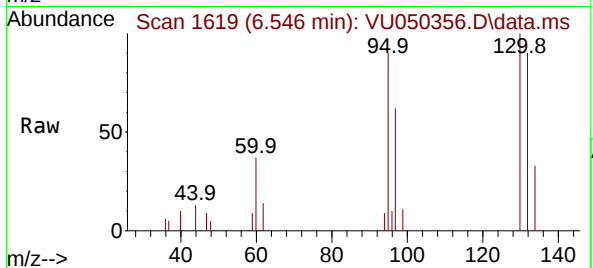
VSTDIC0.5

Tgt Ion:130 Resp: 3952

Ion Ratio Lower Upper

130 100

95 90.3 83.8 125.8



#38

1,2-Dichloropropane

Concen: 0.508 ug/l

RT: 6.797 min Scan# 1697

Delta R.T. -0.022 min

Lab File: VU050356.D

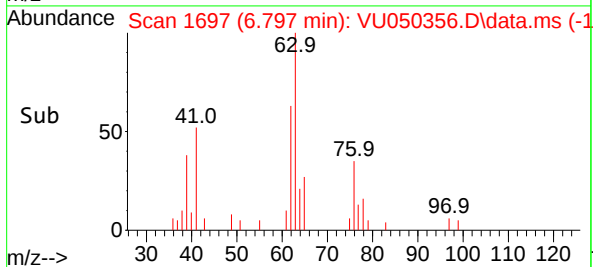
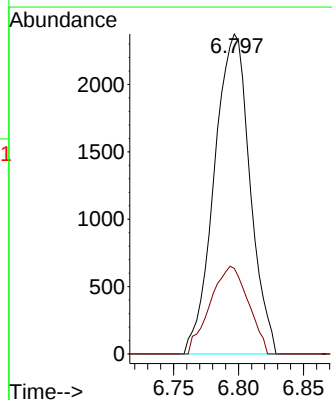
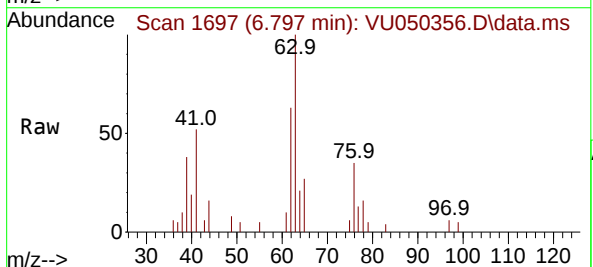
Acq: 17 Aug 2022 13:07

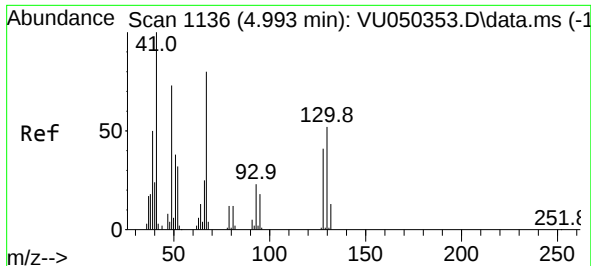
Tgt Ion: 63 Resp: 4536

Ion Ratio Lower Upper

63 100

65 26.8 25.0 37.4





#39

Methacrylonitrile

Concen: 0.443 ug/l m

RT: 4.990 min Scan# 1136

Delta R.T. -0.003 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 1187

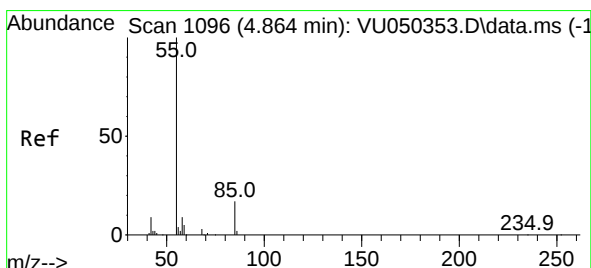
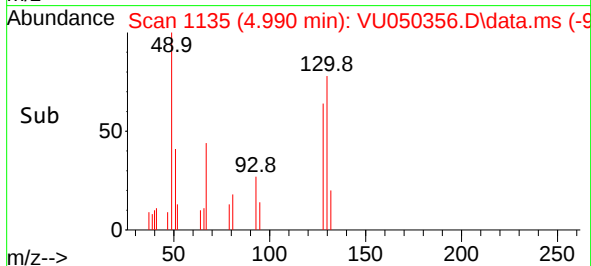
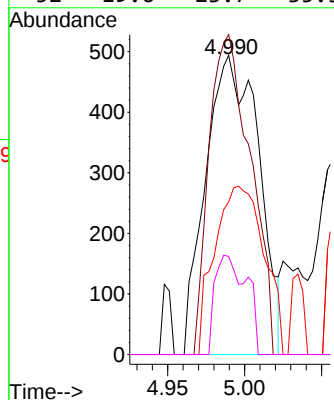
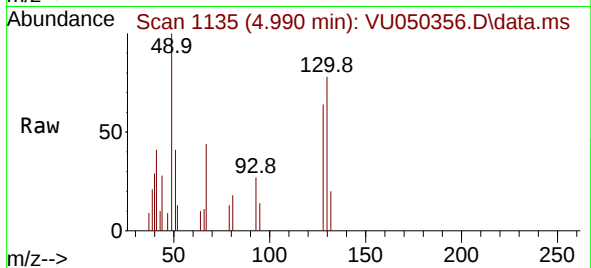
Ion Ratio Lower Upper

41 100

67 83.3 59.4 89.0

39 52.3 42.2 63.2

52 19.6 23.7 35.5#



#40

Methyl acrylate

Concen: 0.484 ug/l

RT: 4.861 min Scan# 1095

Delta R.T. -0.003 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Tgt Ion: 55 Resp: 2394

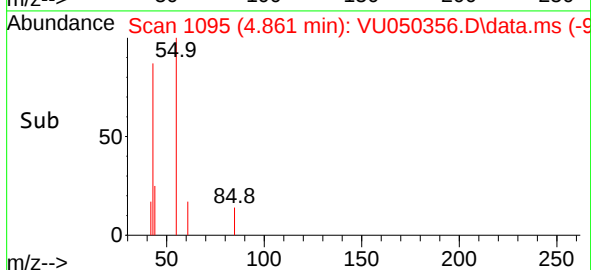
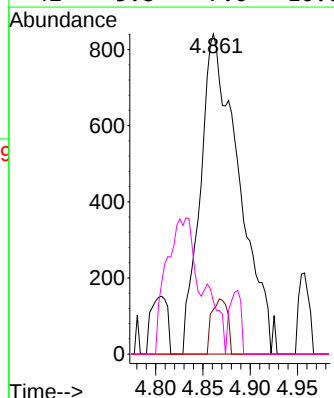
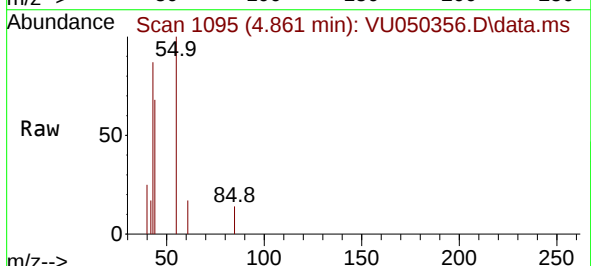
Ion Ratio Lower Upper

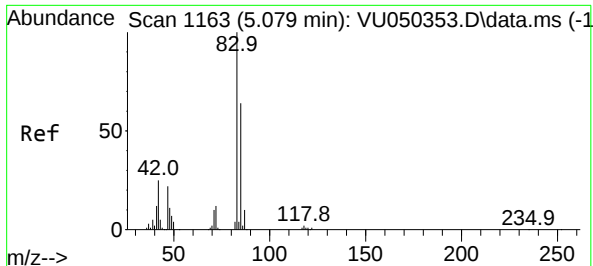
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 5.8 7.0 10.6#





#41

Tetrahydrofuran

Concen: 1.041 ug/l

RT: 5.076 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

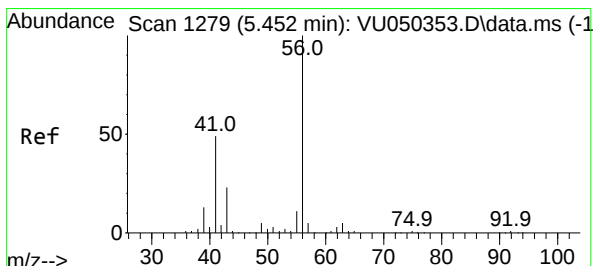
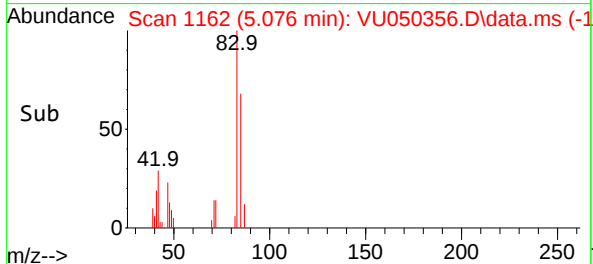
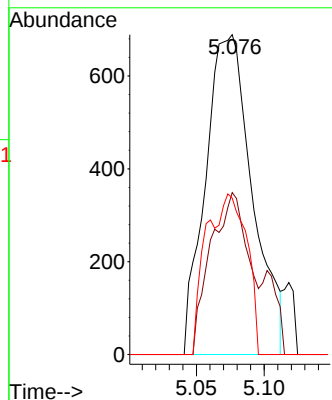
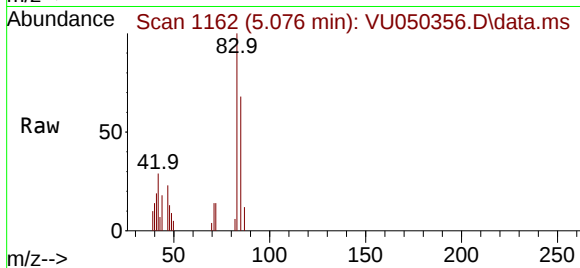
Tgt Ion: 42 Resp: 1659

Ion Ratio Lower Upper

42 100

72 40.8 38.9 58.3

71 26.1 33.7 50.5#



#42

1-Chlorobutane

Concen: 0.461 ug/l

RT: 5.465 min Scan# 1283

Delta R.T. 0.013 min

Lab File: VU050356.D

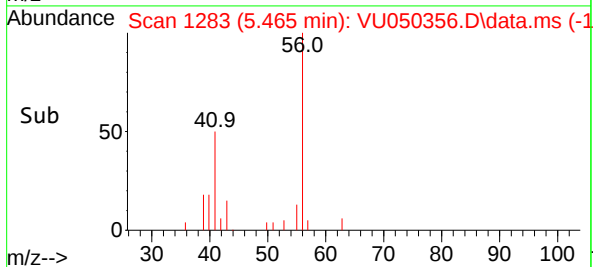
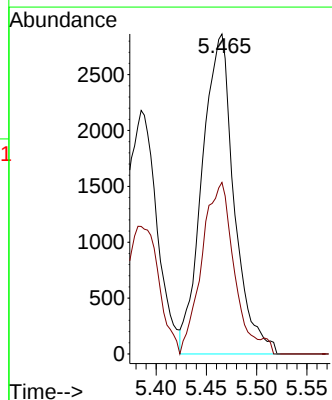
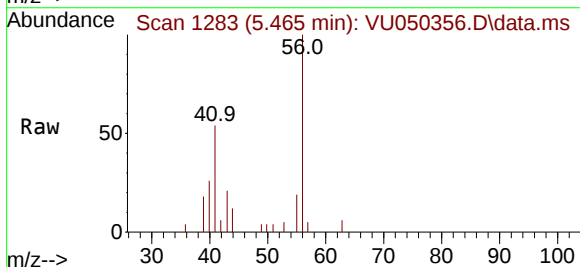
Acq: 17 Aug 2022 13:07

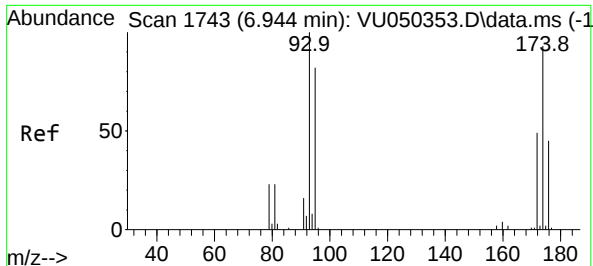
Tgt Ion: 56 Resp: 6337

Ion Ratio Lower Upper

56 100

41 53.4 26.4 79.2



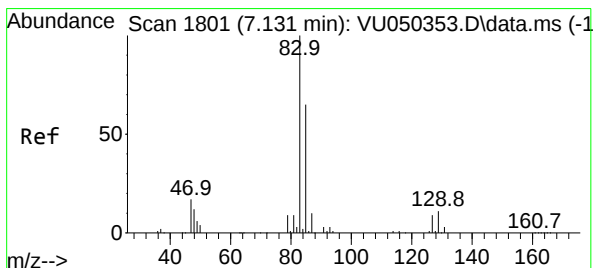
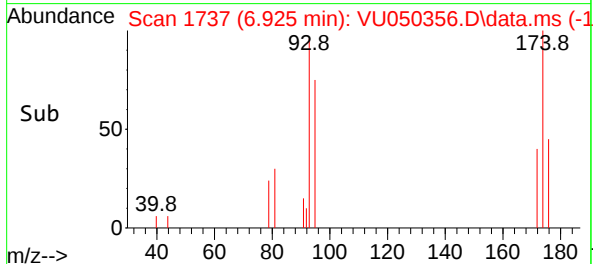
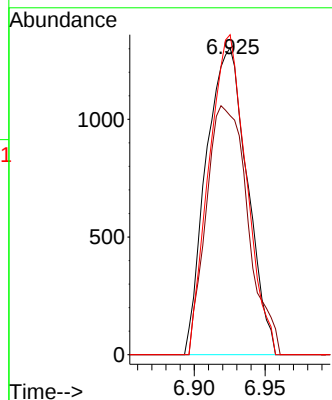
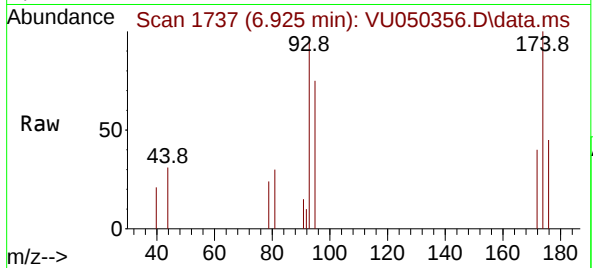


#43
Dibromomethane
Concen: 0.534 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. -0.019 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 93 Resp: 2627

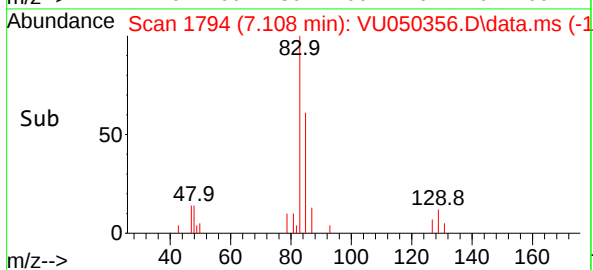
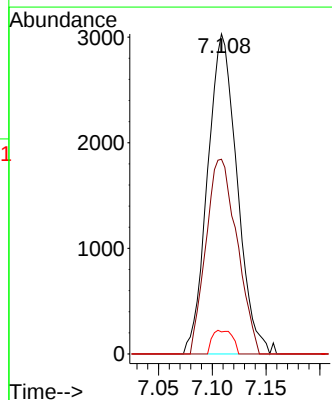
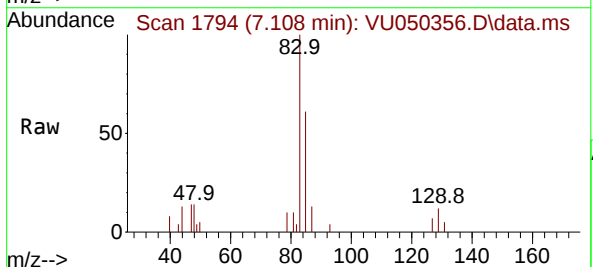
Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.0	97.6
174	94.6	76.3	114.5

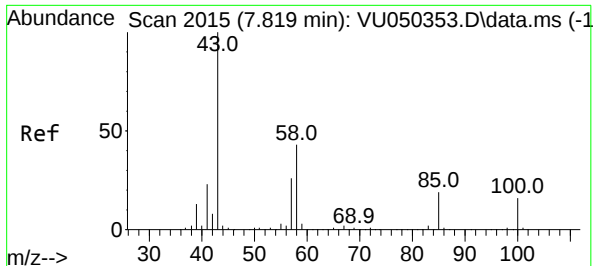


#44
Bromodichloromethane
Concen: 0.512 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.022 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 83 Resp: 5797

Ion	Ratio	Lower	Upper
83	100		
85	60.8	49.4	74.0
127	6.9	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 2.800 ug/l

RT: 7.797 min Scan# 2015

Delta R.T. -0.022 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

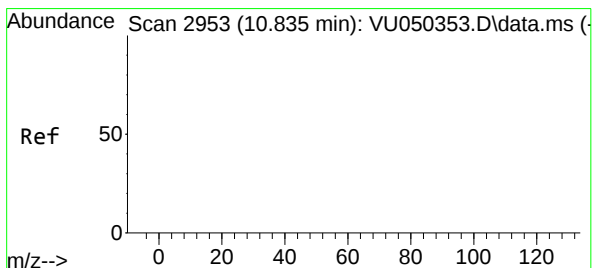
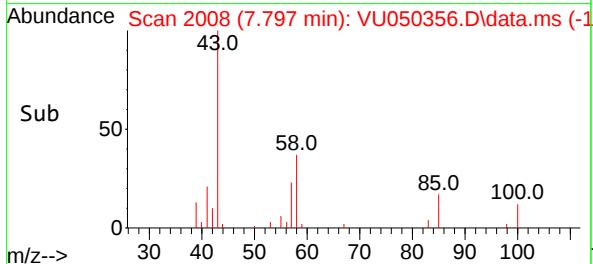
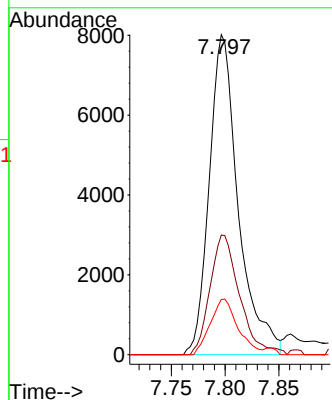
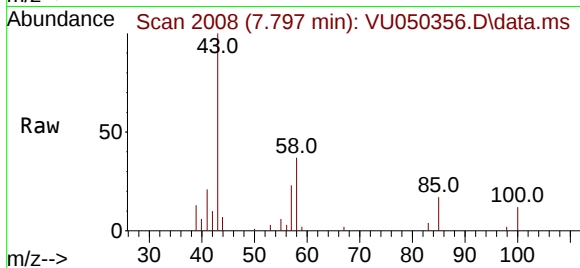
Tgt Ion: 43 Resp: 15072

Ion Ratio Lower Upper

43 100

58 38.0 20.3 61.0

85 16.5 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 0.711 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Tgt Ion: 75 Resp: 1658

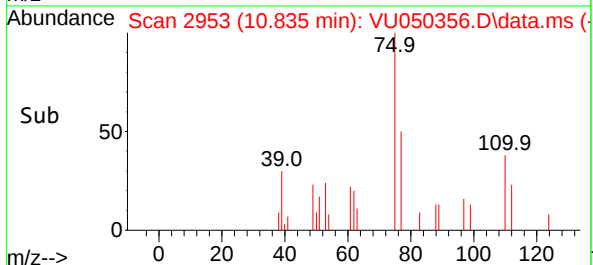
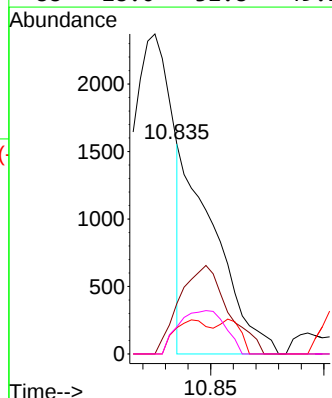
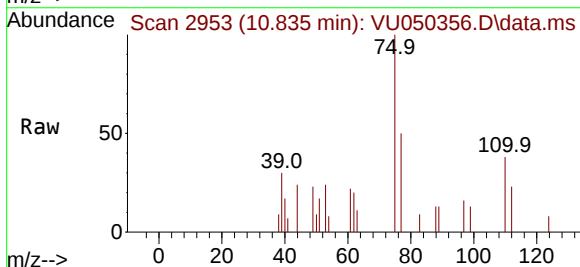
Ion Ratio Lower Upper

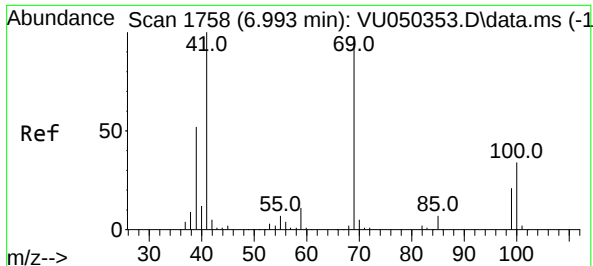
75 100

53 58.8 64.4 96.6#

89 16.9 44.2 66.2#

88 28.0 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.925 ug/l

RT: 6.967 min Scan# 1

Delta R.T. -0.026 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 3669

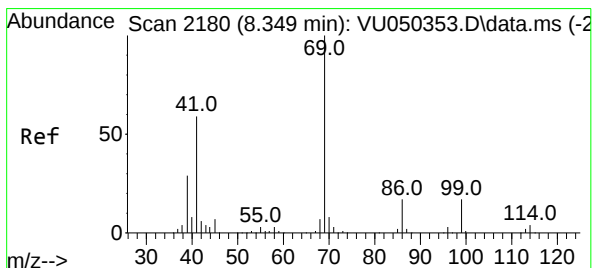
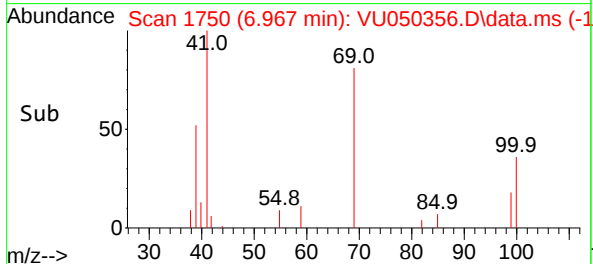
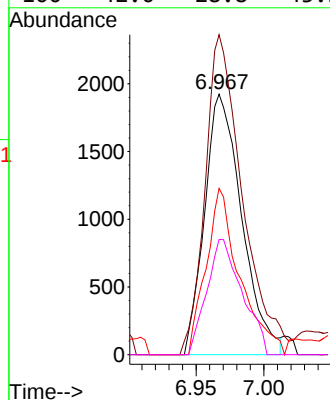
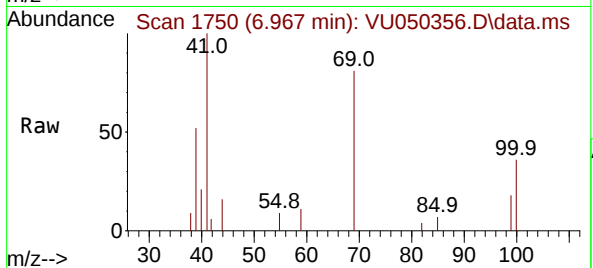
Ion Ratio Lower Upper

69 100

41 123.1 0.0 225.4

39 57.8 45.8 68.8

100 42.0 28.8 43.2



#48

Ethyl methacrylate

Concen: 0.442 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. -0.009 min

Lab File: VU050356.D

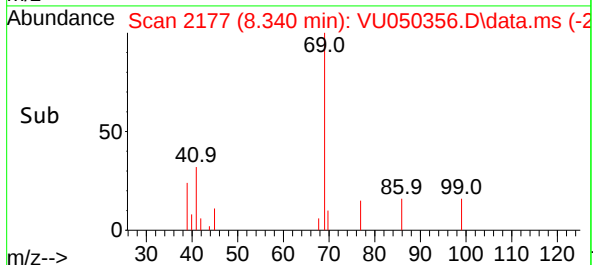
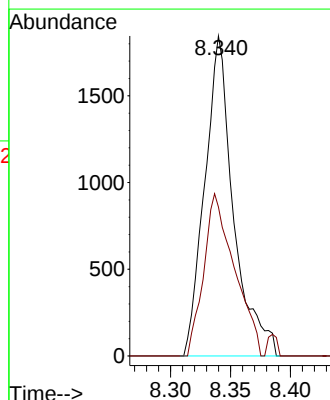
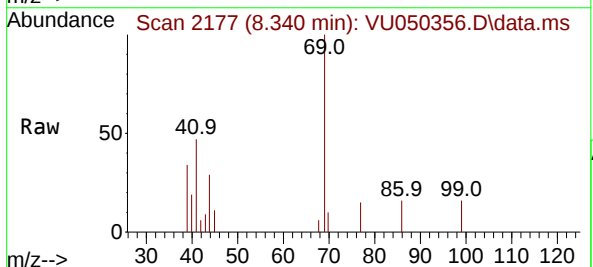
Acq: 17 Aug 2022 13:07

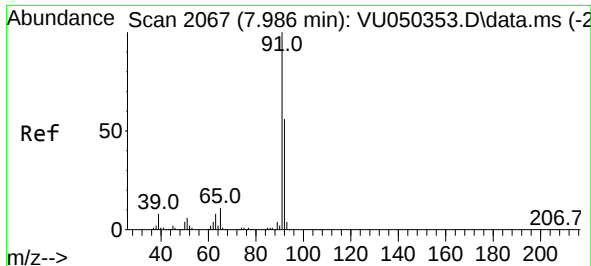
Tgt Ion: 69 Resp: 3073

Ion Ratio Lower Upper

69 100

41 54.3 32.3 96.9





#49

Toluene

Concen: 0.439 ug/l

RT: 7.970 min Scan# 2067

Delta R.T. -0.016 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

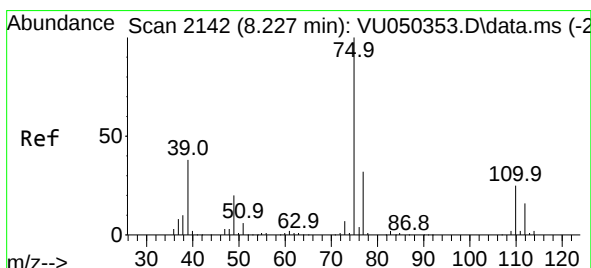
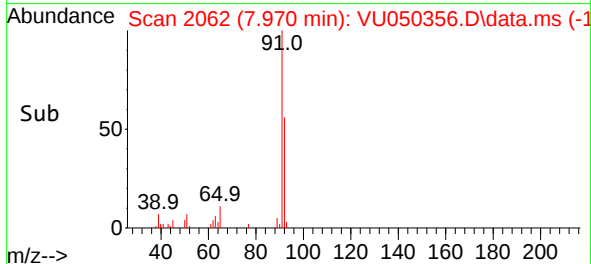
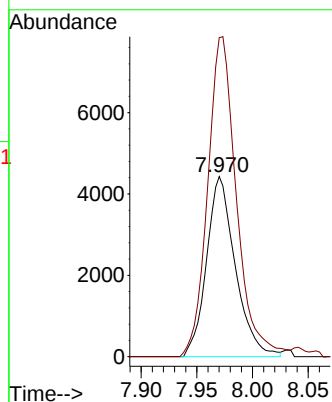
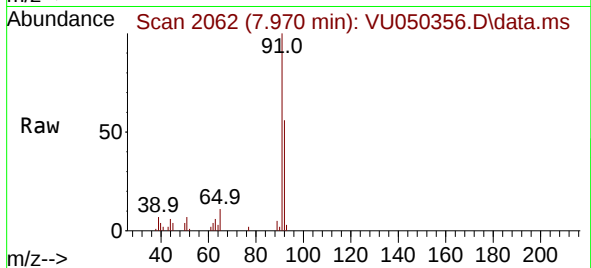
VSTDIC0.5

Tgt Ion: 92 Resp: 7944

Ion Ratio Lower Upper

92 100

91 177.9 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 0.473 ug/l

RT: 8.215 min Scan# 2138

Delta R.T. -0.013 min

Lab File: VU050356.D

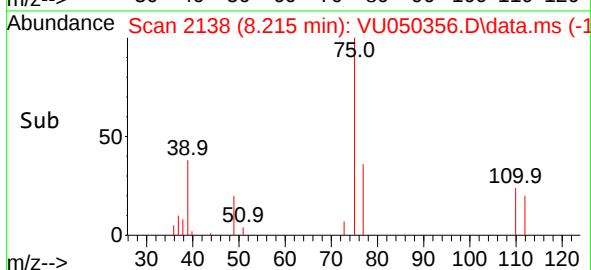
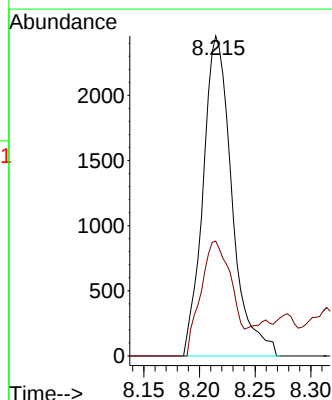
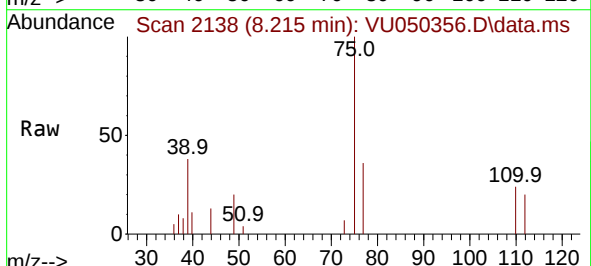
Acq: 17 Aug 2022 13:07

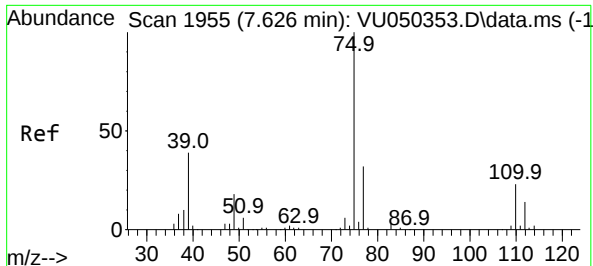
Tgt Ion: 75 Resp: 4436

Ion Ratio Lower Upper

75 100

77 35.9 24.7 37.1

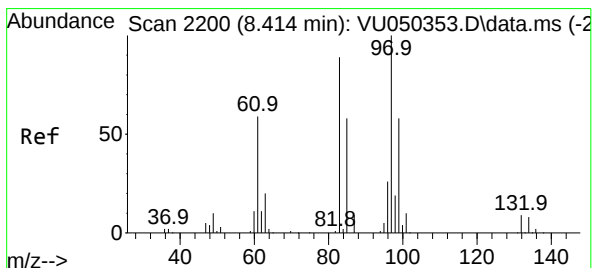
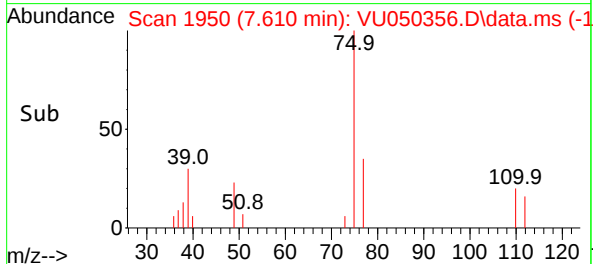
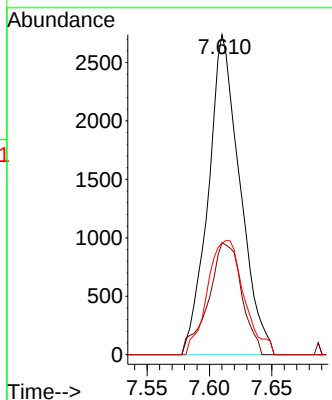
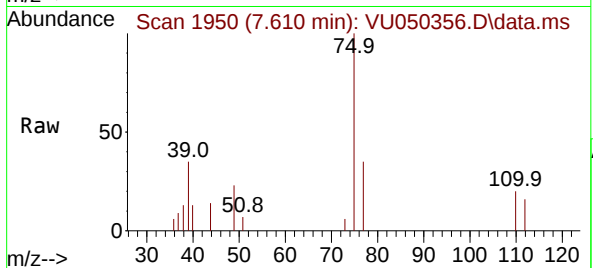




#51
 cis-1,3-Dichloropropene
 Concen: 0.457 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.016 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

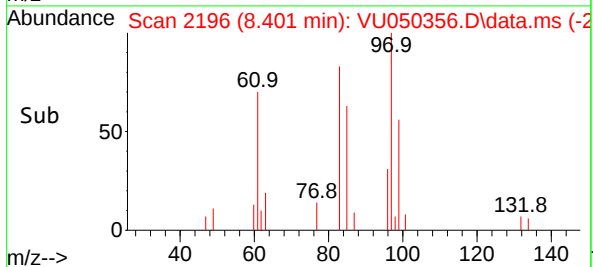
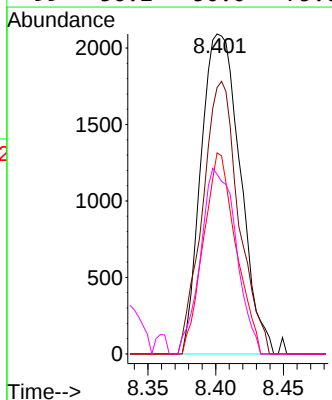
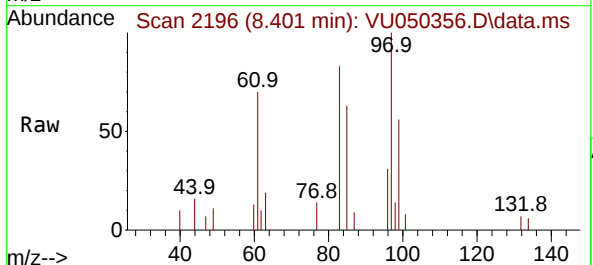
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

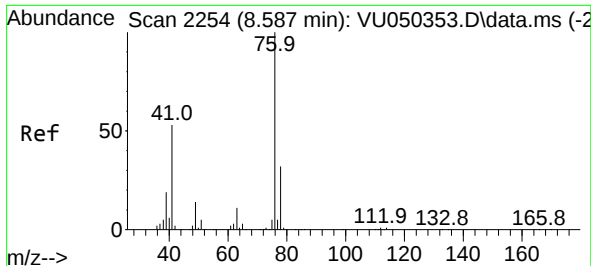
Tgt Ion: 75 Resp: 4843
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.4 38.0
 39 34.9 35.1 52.7#



#52
 1,1,2-Trichloroethane
 Concen: 0.572 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.013 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

Tgt Ion: 97 Resp: 4204
 Ion Ratio Lower Upper
 97 100
 83 83.3 70.6 106.0
 85 62.9 46.2 69.4
 99 56.2 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.494 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.009 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

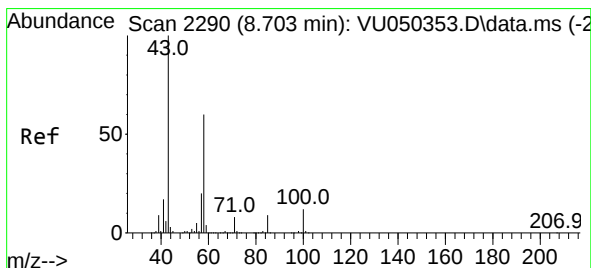
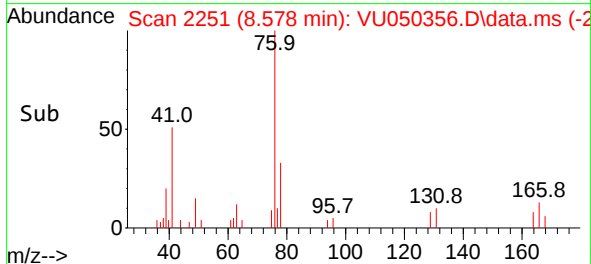
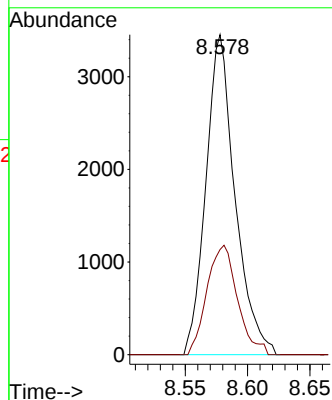
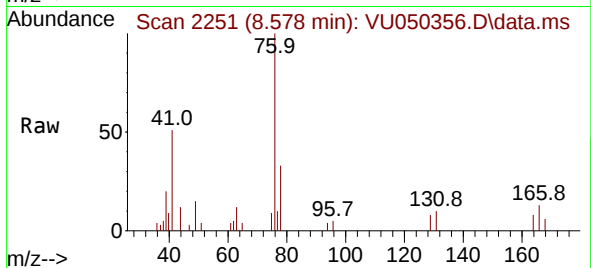
VSTDICC0.5

Tgt Ion: 76 Resp: 5616

Ion Ratio Lower Upper

76 100

78 35.8 26.0 39.0



#54

2-Hexanone

Concen: 2.498 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. -0.013 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

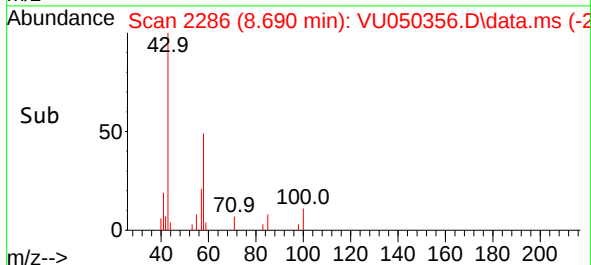
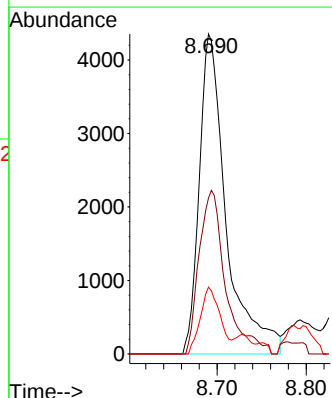
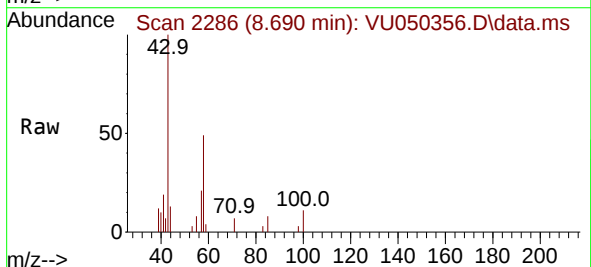
Tgt Ion: 43 Resp: 9145

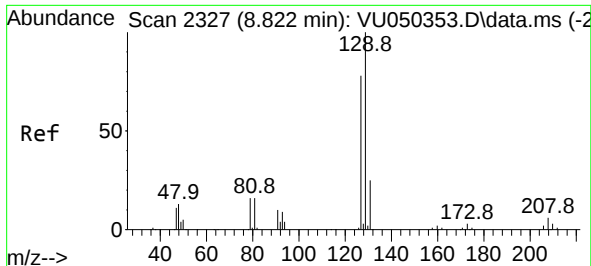
Ion Ratio Lower Upper

43 100

58 50.1 37.1 77.1

57 15.5 0.0 39.5





#55

Dibromochloromethane

Concen: 0.527 ug/l

RT: 8.809 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

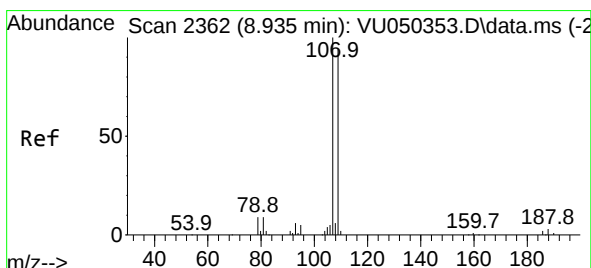
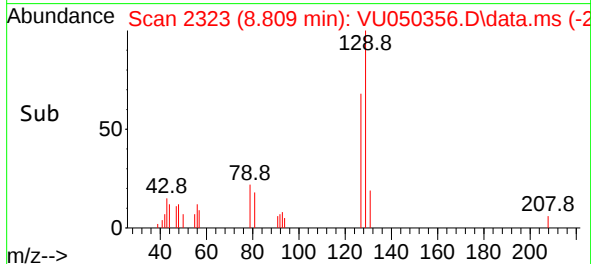
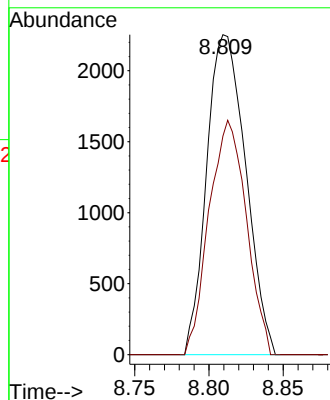
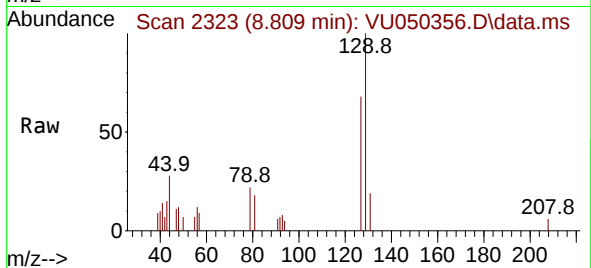
VSTDICC0.5

Tgt Ion:129 Resp: 4115

Ion Ratio Lower Upper

129 100

127 70.0 61.2 91.8



#56

1,2-Dibromoethane

Concen: 0.502 ug/l

RT: 8.928 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VU050356.D

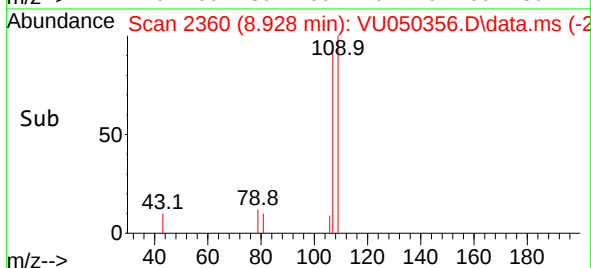
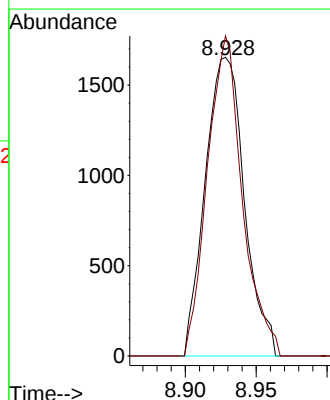
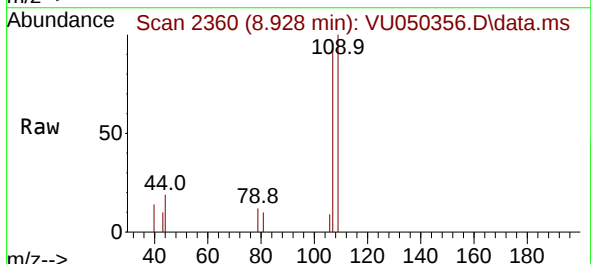
Acq: 17 Aug 2022 13:07

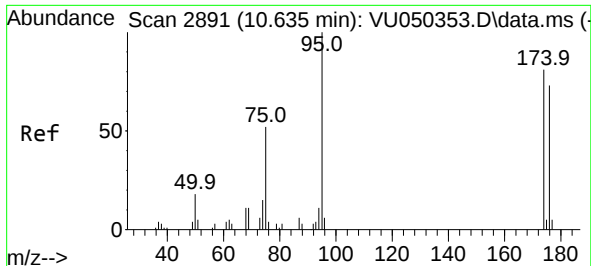
Tgt Ion:107 Resp: 3183

Ion Ratio Lower Upper

107 100

109 95.2 0.0 187.2





#57

4-Bromofluorobenzene

Concen: 0.915 ug/l

RT: 10.636 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

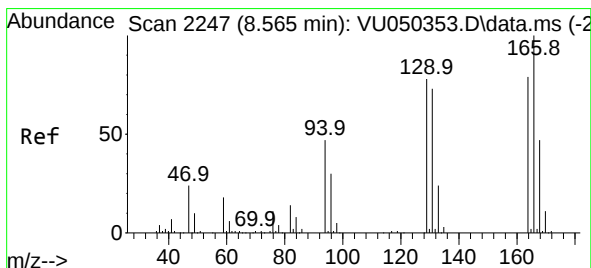
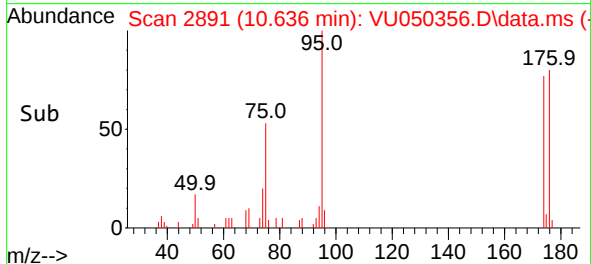
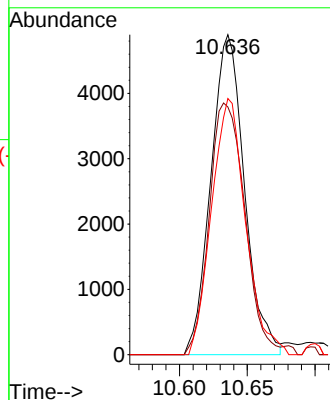
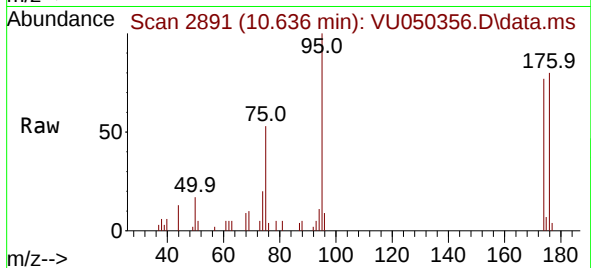
Tgt Ion: 95 Resp: 8436

Ion Ratio Lower Upper

95 100

174 83.1 62.4 93.6

176 81.1 56.2 84.2



#58

Tetrachloroethene

Concen: 0.519 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. -0.013 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Tgt Ion: 164 Resp: 3823

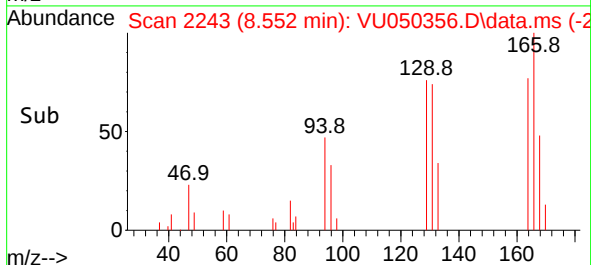
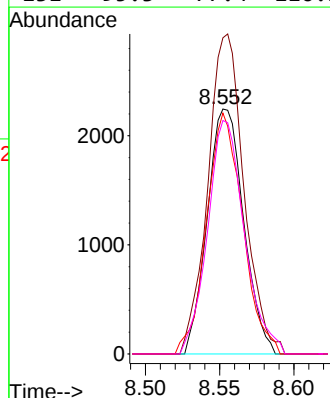
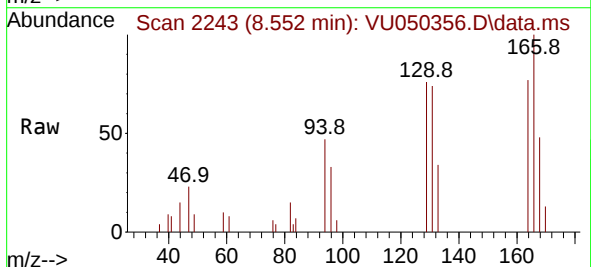
Ion Ratio Lower Upper

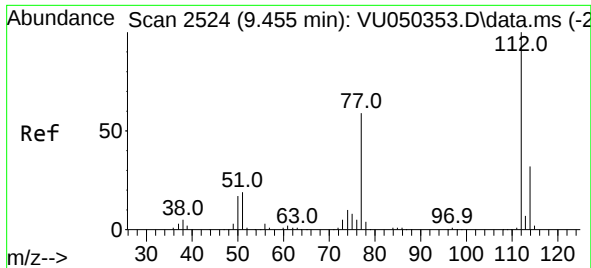
164 100

166 129.1 102.4 153.6

129 98.3 79.5 119.3

131 95.3 77.4 116.2

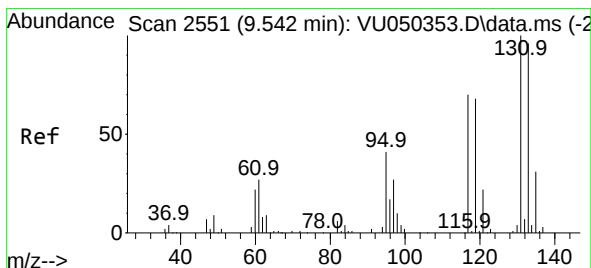
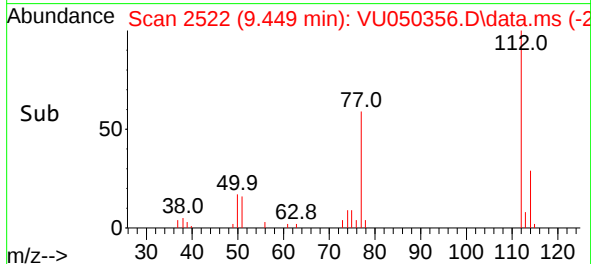
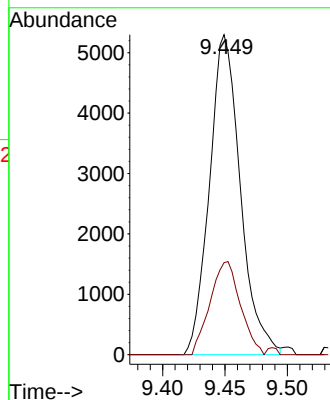
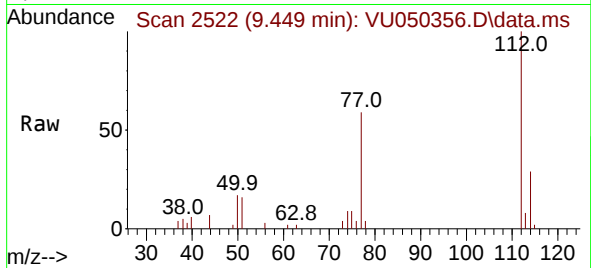




#59
Chlorobenzene
Concen: 0.467 ug/l
RT: 9.449 min Scan# 2549
Delta R.T. -0.006 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

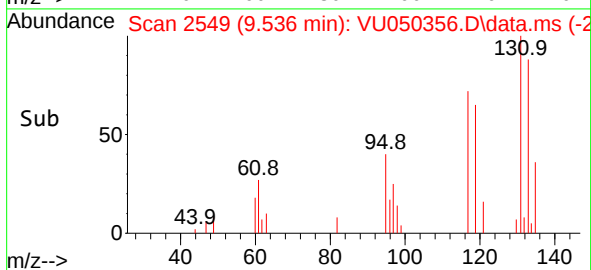
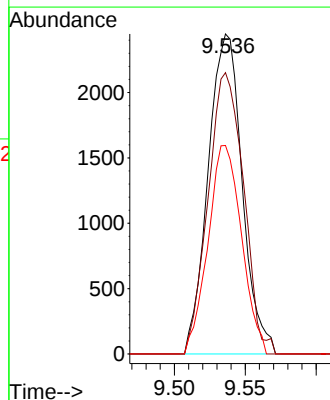
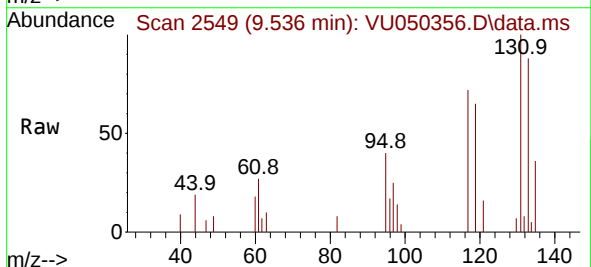
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

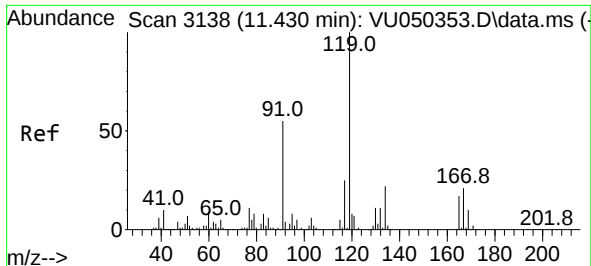
Tgt Ion:112 Resp: 9156
Ion Ratio Lower Upper
112 100
114 28.7 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 0.513 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.006 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:131 Resp: 4094
Ion Ratio Lower Upper
131 100
133 91.5 78.3 117.5
119 64.1 53.2 79.8

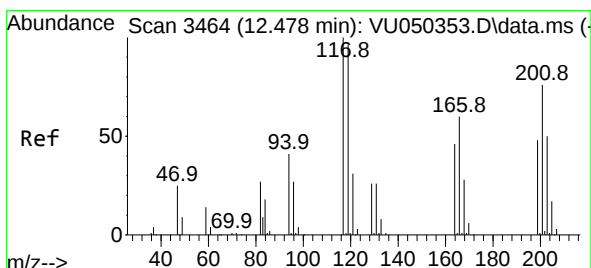
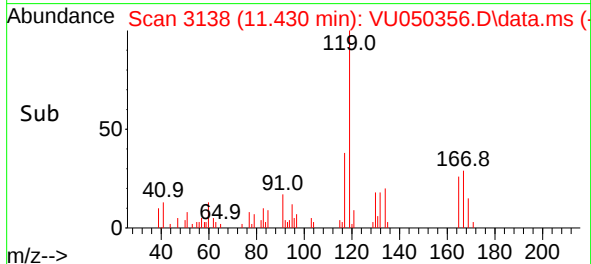
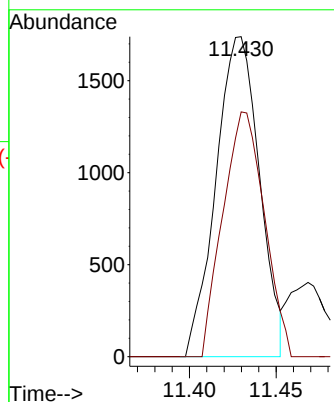
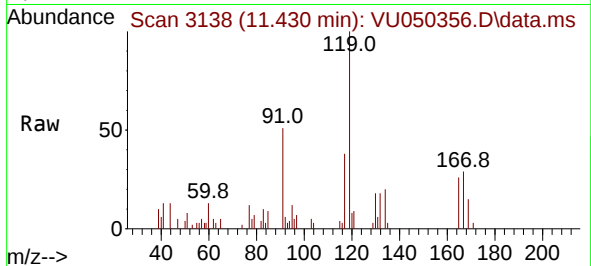




#61
Pentachloroethane
Concen: 0.467 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

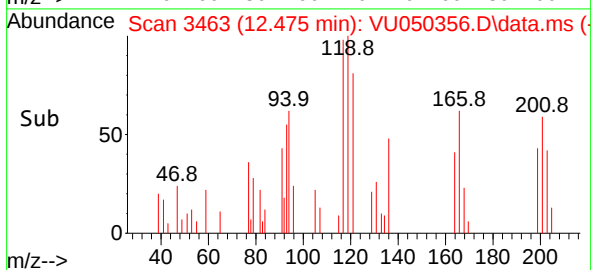
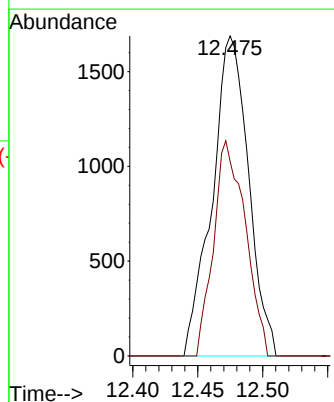
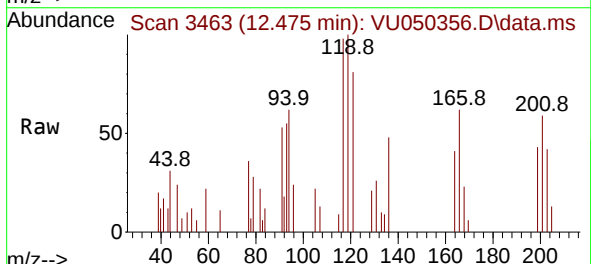
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

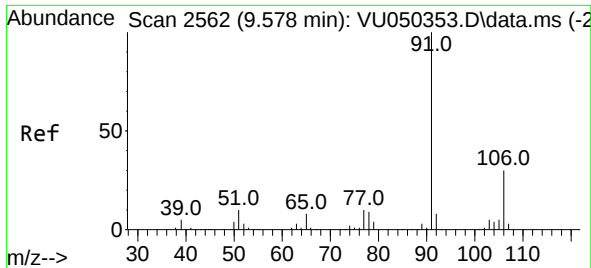
Tgt Ion:117 Resp: 3038
Ion Ratio Lower Upper
117 100
167 72.8 66.2 99.4



#62
Hexachloroethane
Concen: 0.603 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:117 Resp: 3290
Ion Ratio Lower Upper
117 100
201 58.4 61.0 91.4#

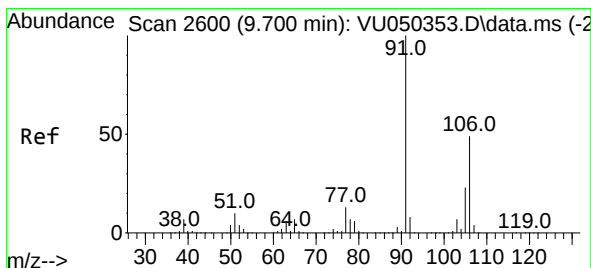
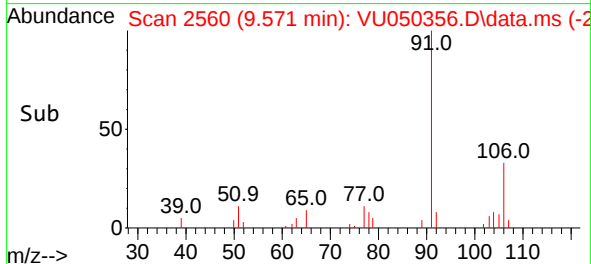
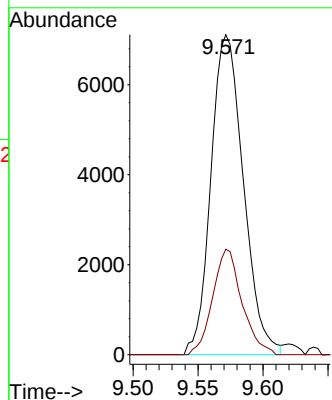
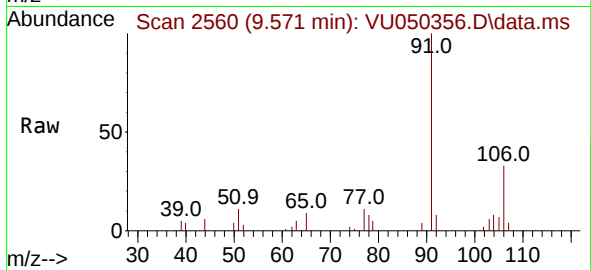




#63
Ethyl Benzene
Concen: 0.402 ug/l
RT: 9.571 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

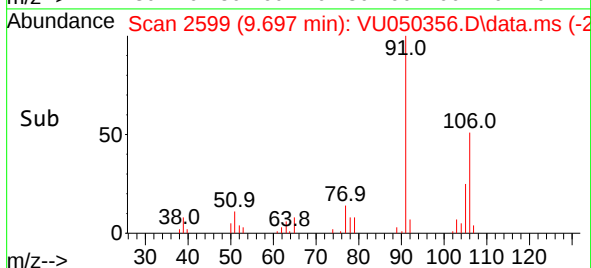
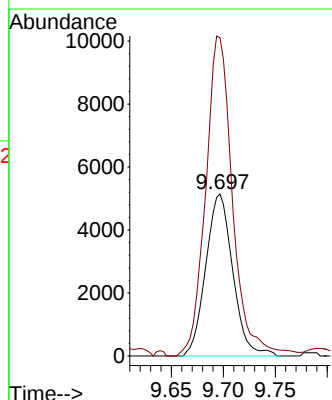
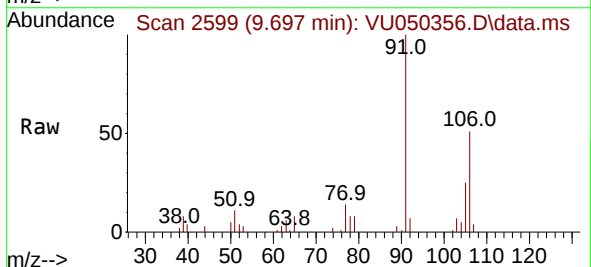
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

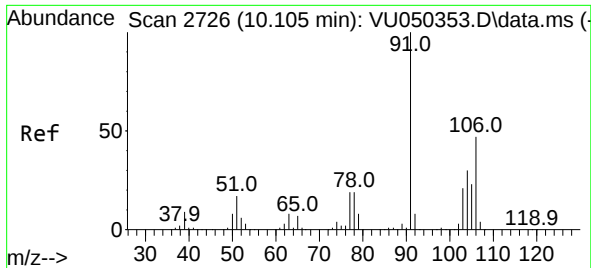
Tgt Ion: 91 Resp: 12356
Ion Ratio Lower Upper
91 100
106 33.0 24.4 36.6



#64
m/p-Xylenes
Concen: 0.772 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 106 Resp: 9285
Ion Ratio Lower Upper
106 100
91 197.3 167.8 251.6

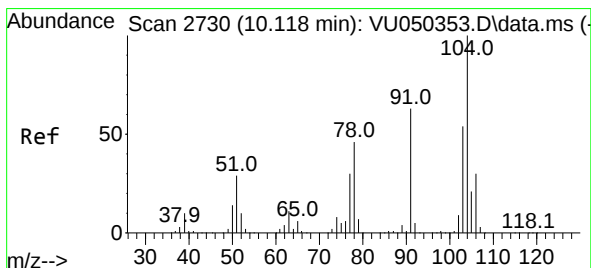
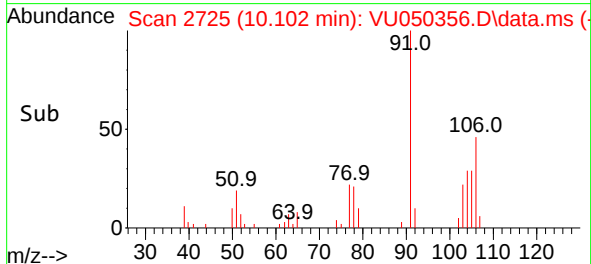
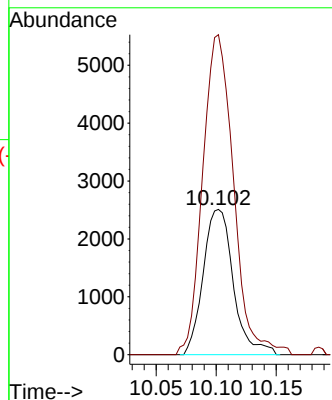
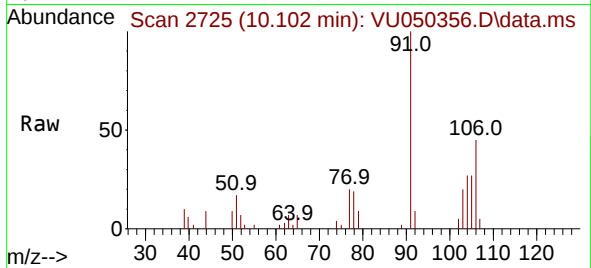




#65
o-Xylene
Concen: 0.382 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

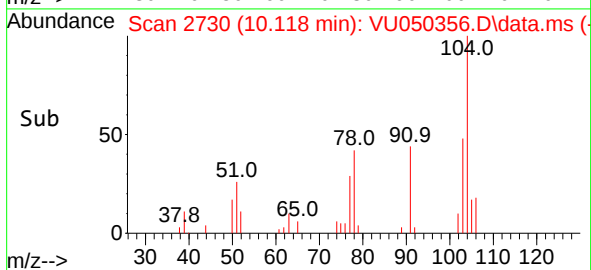
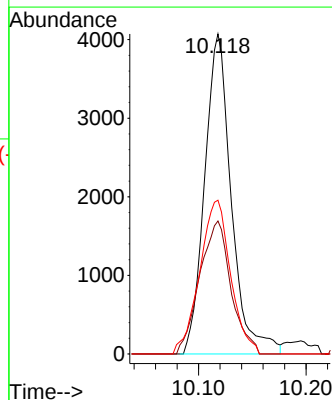
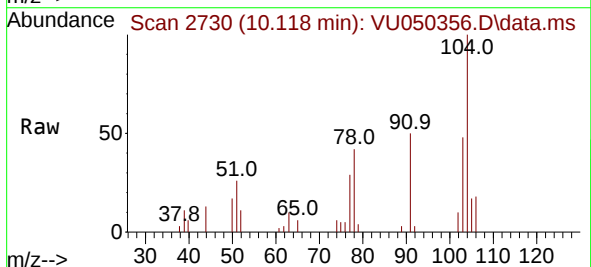
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

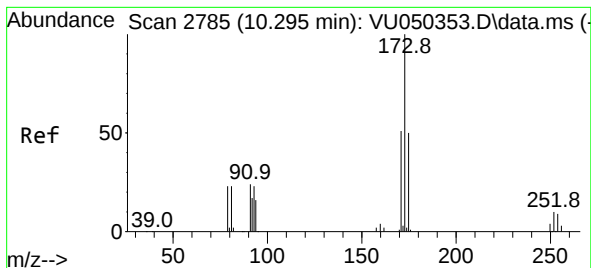
Tgt Ion:106 Resp: 4384
Ion Ratio Lower Upper
106 100
91 225.4 111.1 333.2



#66
Styrene
Concen: 0.366 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:104 Resp: 7024
Ion Ratio Lower Upper
104 100
78 48.8 42.1 63.1
103 55.5 44.5 66.7





#67

Bromoform

Concen: 0.496 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

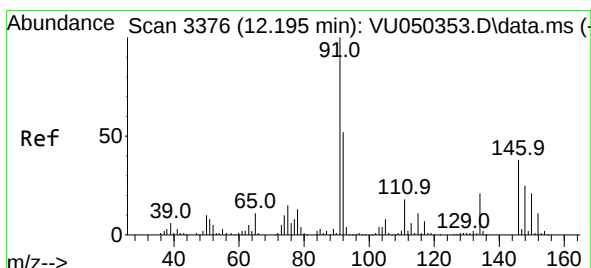
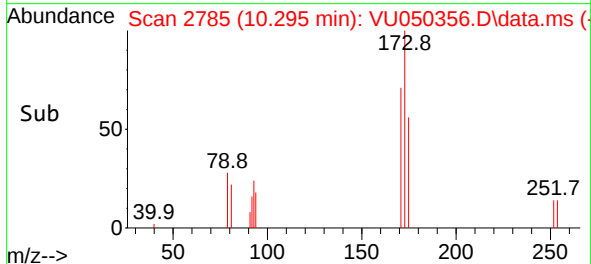
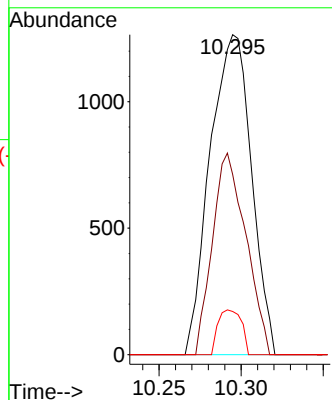
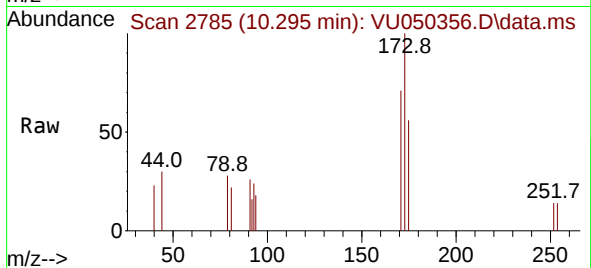
Tgt Ion:173 Resp: 2219

Ion Ratio Lower Upper

173 100

175 50.8 38.4 57.6

254 7.9 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.102 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. 0.000 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

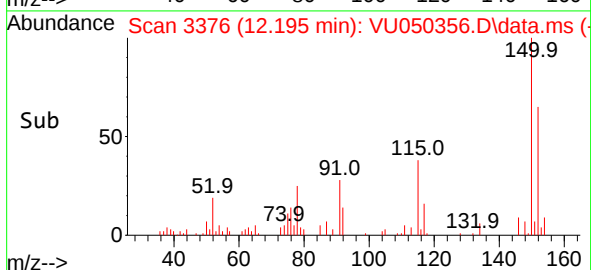
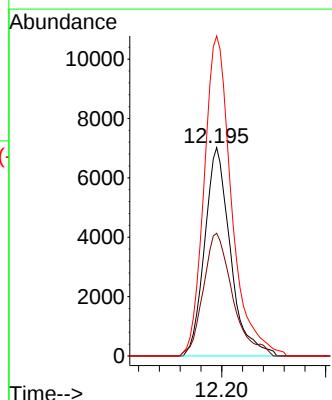
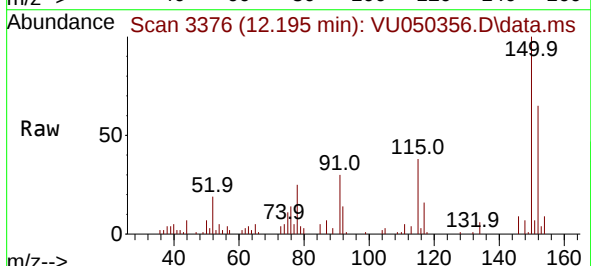
Tgt Ion:152 Resp: 12068

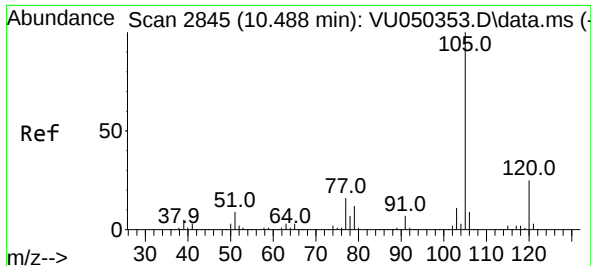
Ion Ratio Lower Upper

152 100

115 67.1 0.0 254.6

150 164.0 0.0 623.6

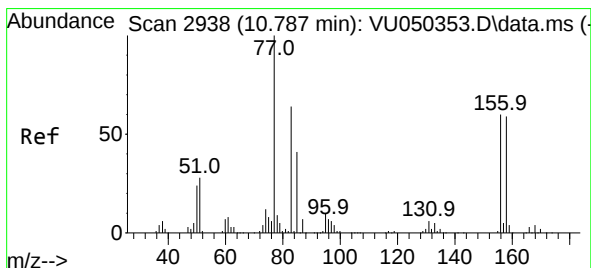
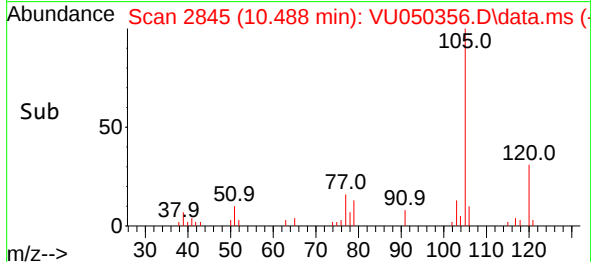
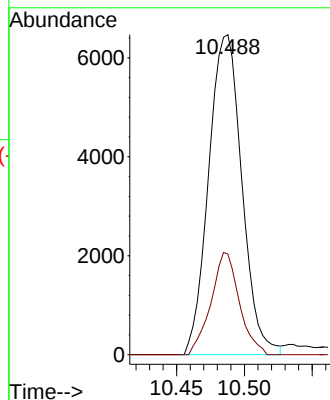
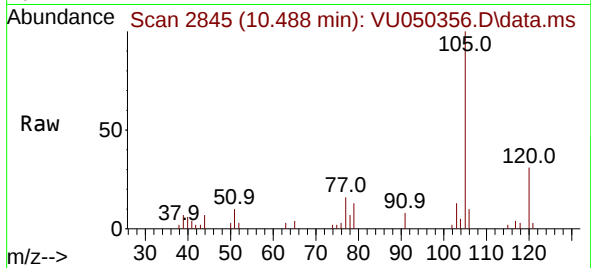




#69
Isopropylbenzene
Concen: 0.376 ug/l
RT: 10.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

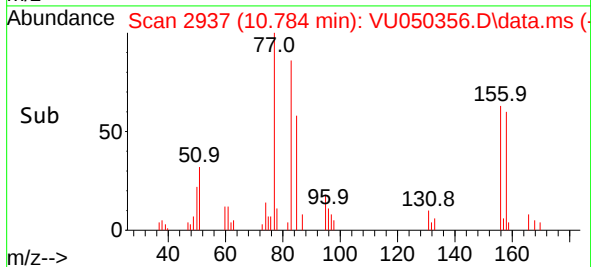
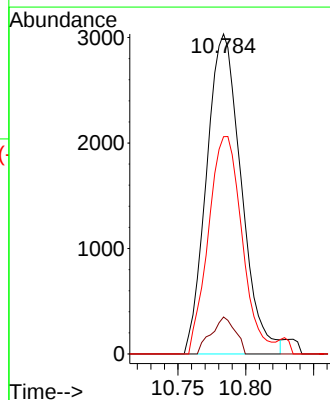
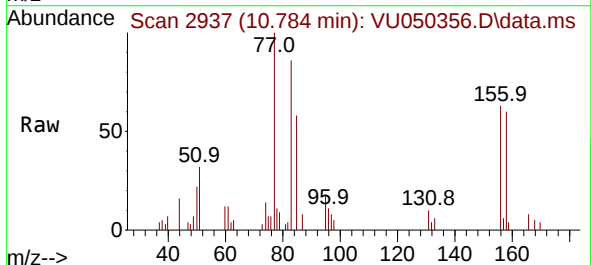
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

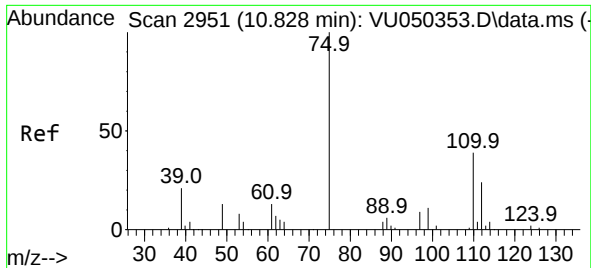
Tgt Ion:105 Resp: 11027
Ion Ratio Lower Upper
105 100
120 27.2 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.541 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion: 83 Resp: 5387
Ion Ratio Lower Upper
83 100
131 8.0 7.7 11.5
85 65.9 51.2 76.8

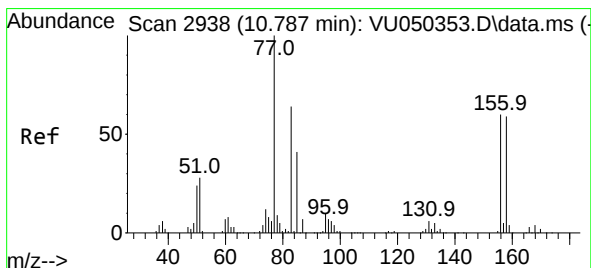
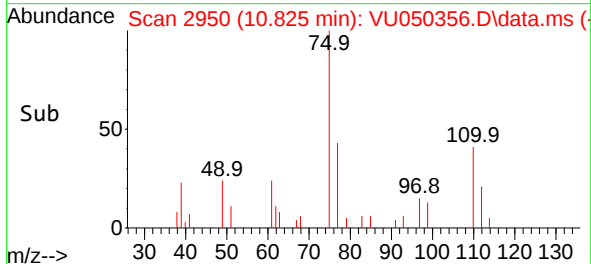
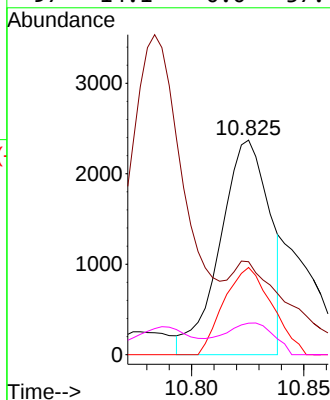
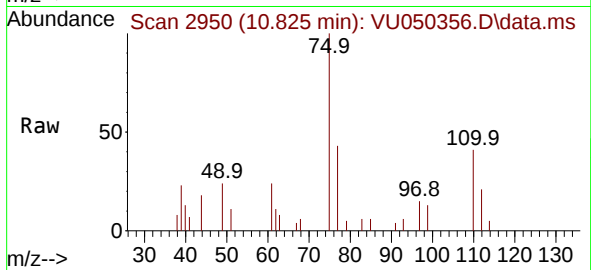




#71
1,2,3-Trichloropropane
Concen: 0.478 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

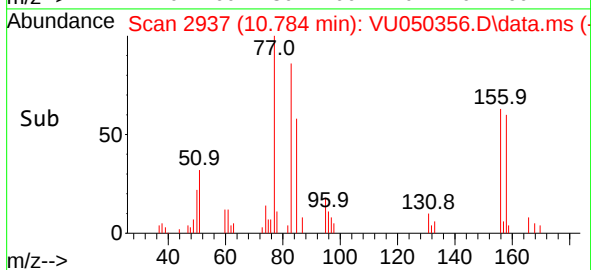
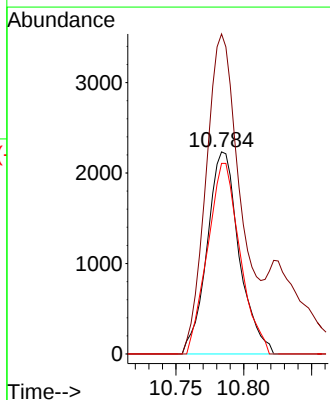
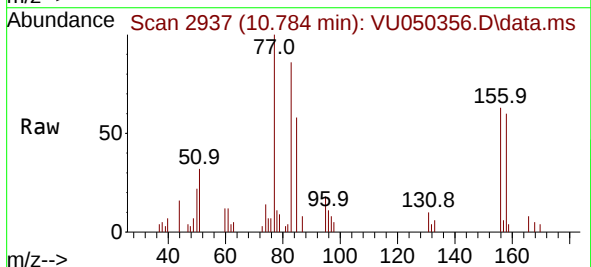
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

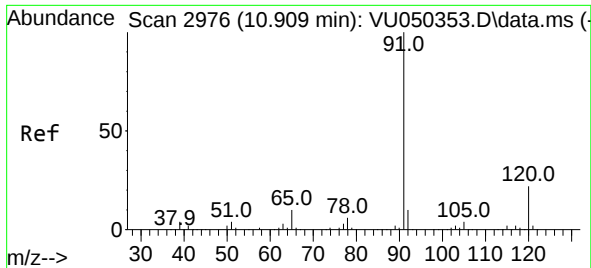
Tgt Ion: 75	Resp:	3616	
Ion	Ratio	Lower	Upper
75	100		
77	51.7	0.0	112.4
110	39.7	0.0	70.6
97	14.1	0.0	37.4



#72
Bromobenzene
Concen: 0.448 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:156	Resp:	3670	
Ion	Ratio	Lower	Upper
156	100		
77	168.0	0.0	344.4
158	95.6	0.0	192.2

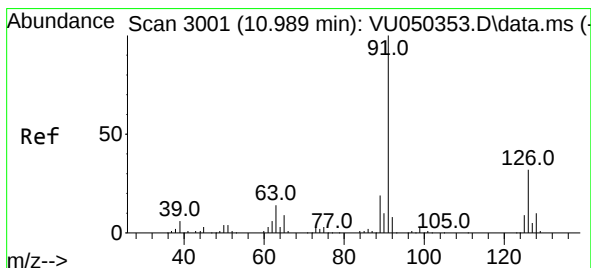
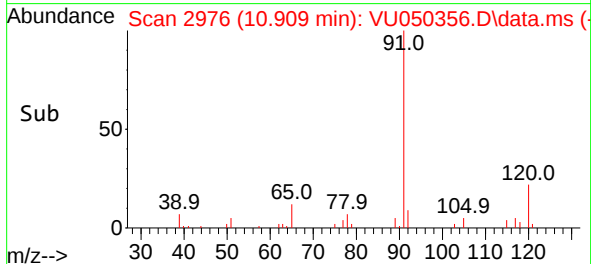
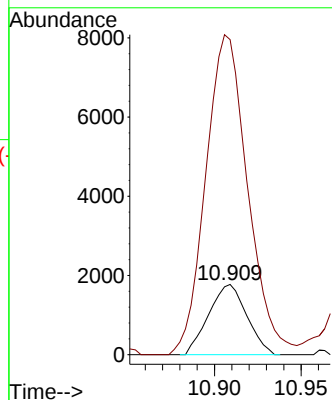
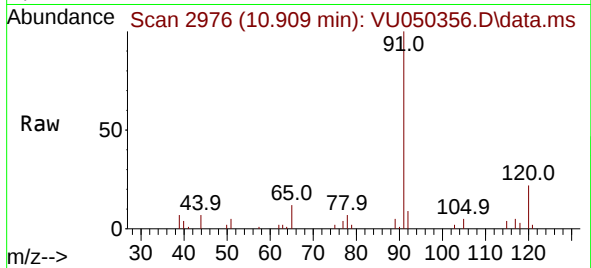




#73
n-propylbenzene
Concen: 0.349 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

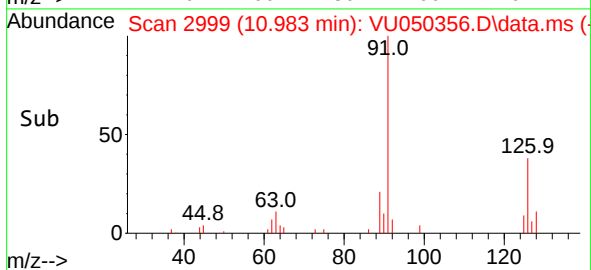
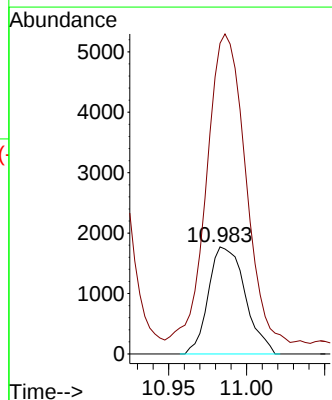
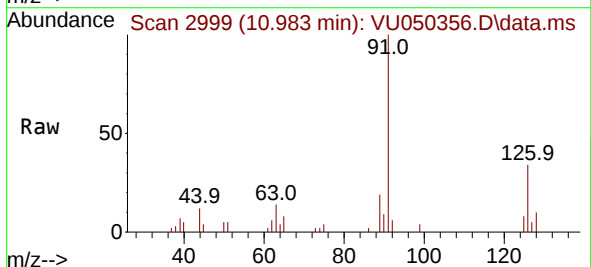
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

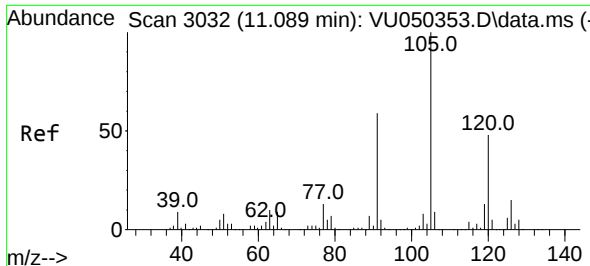
Tgt Ion:120 Resp: 2706
Ion Ratio Lower Upper
120 100
91 503.4 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.380 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.006 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:126 Resp: 2890
Ion Ratio Lower Upper
126 100
91 309.0 0.0 620.6

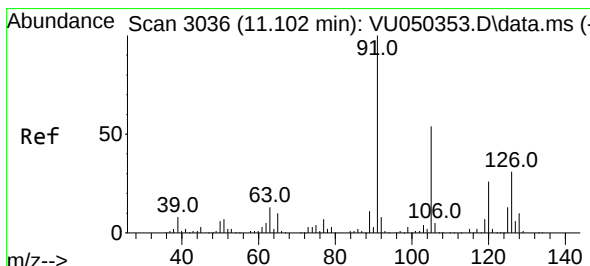
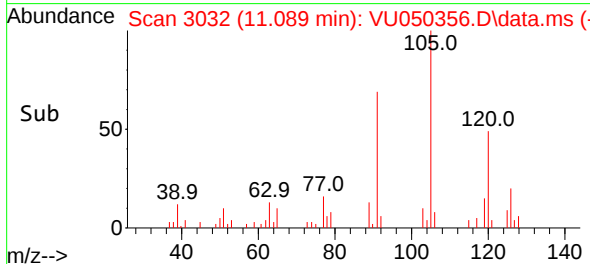
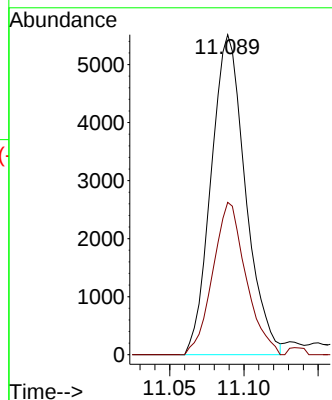
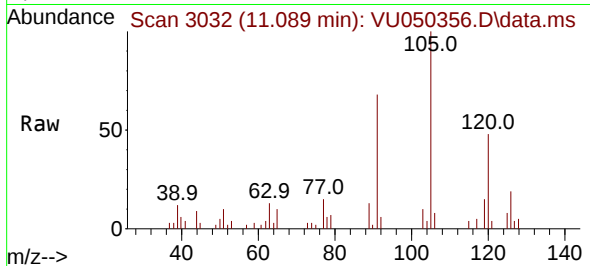




#75
1,3,5-Trimethylbenzene
Concen: 0.346 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

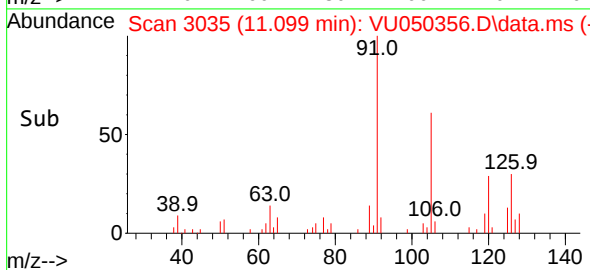
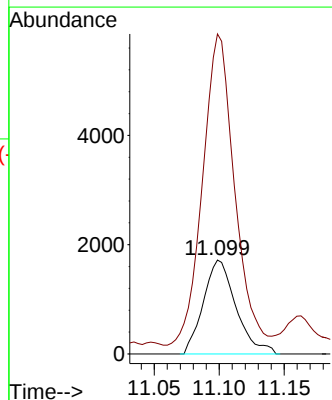
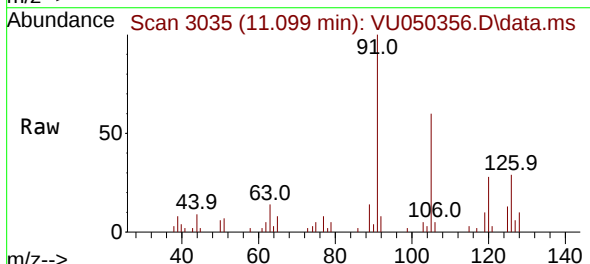
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

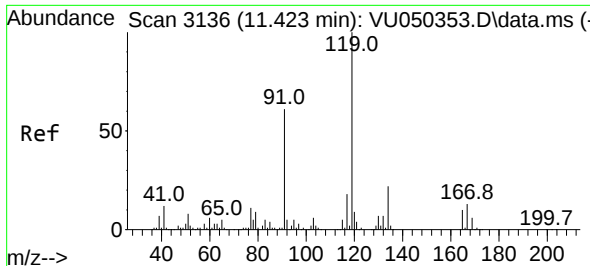
Tgt Ion:105 Resp: 8857
Ion Ratio Lower Upper
105 100
120 46.0 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.388 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. -0.003 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:126 Resp: 3003
Ion Ratio Lower Upper
126 100
91 321.7 0.0 738.8

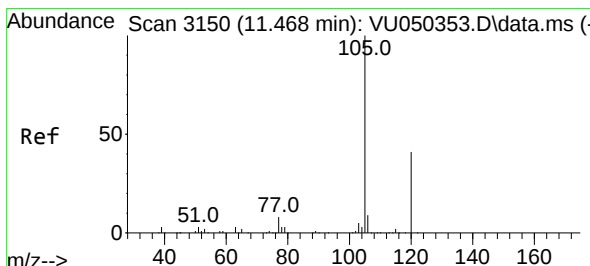
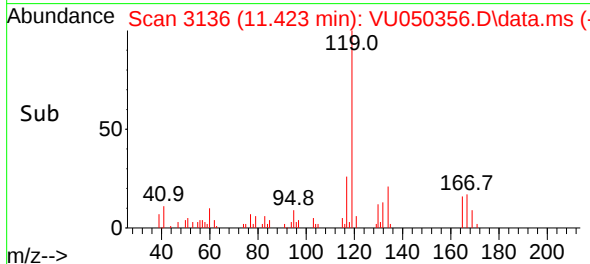
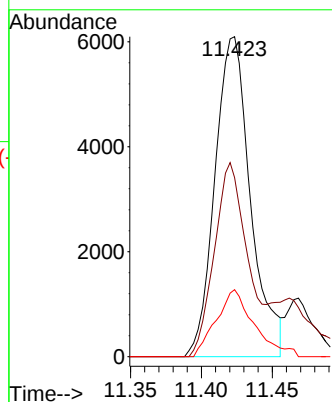
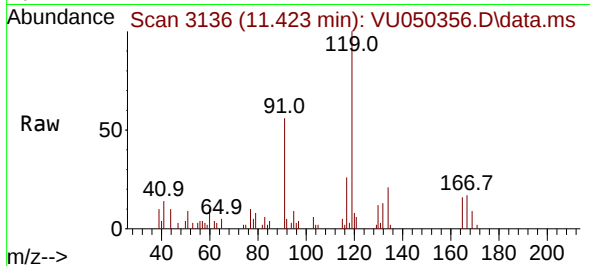




#77
tert-Butylbenzene
Concen: 0.418 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

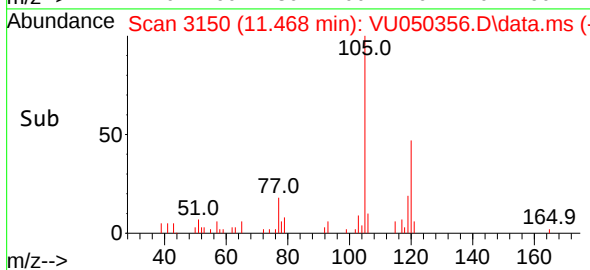
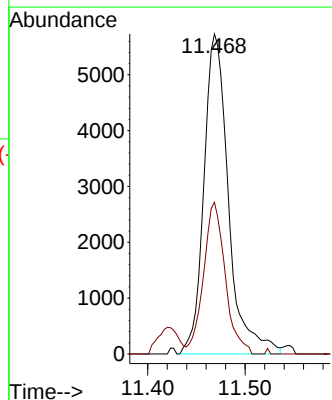
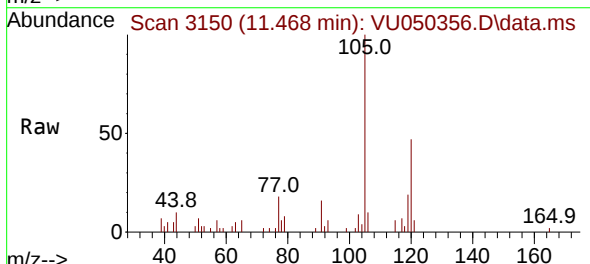
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

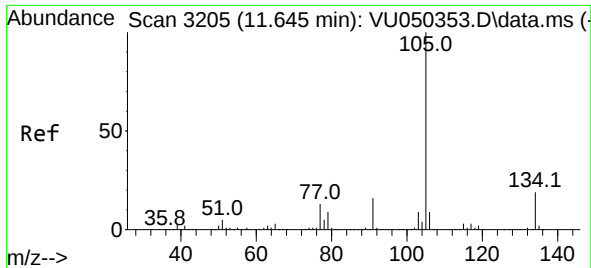
Tgt Ion:	119	Resp:	10665
Ion	Ratio	Lower	Upper
119	100		
91	56.8	30.4	91.3
134	22.3	17.8	26.6



#78
1,2,4-Trimethylbenzene
Concen: 0.374 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:	105	Resp:	10060
Ion	Ratio	Lower	Upper
105	100		
120	41.7	21.6	65.0

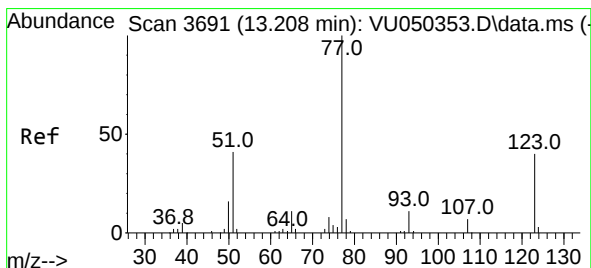
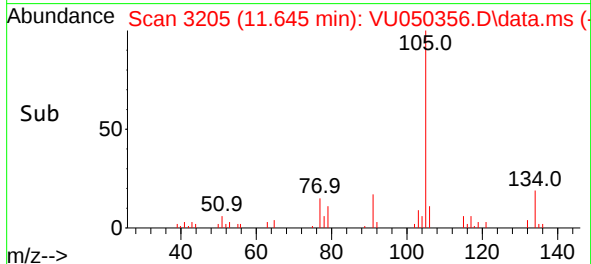
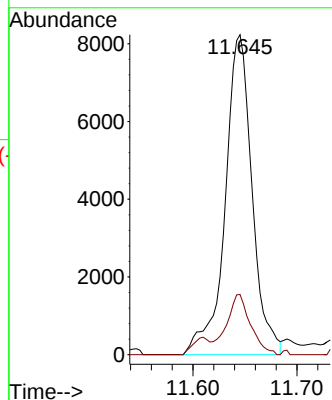
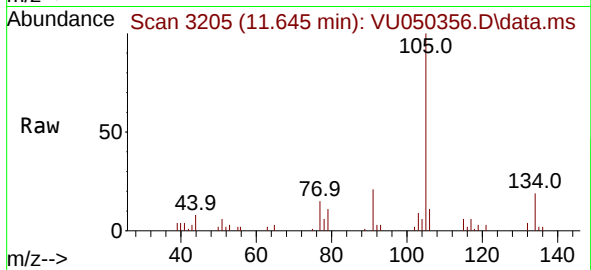




#79
 sec-Butylbenzene
 Concen: 0.433 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

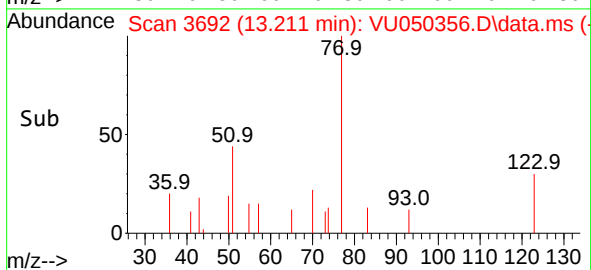
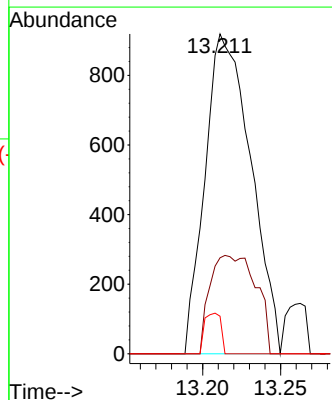
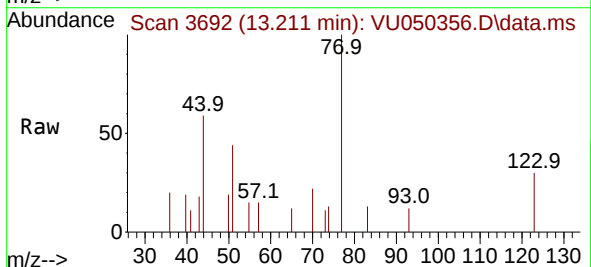
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

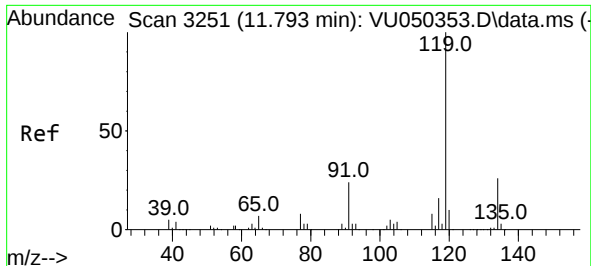
Tgt Ion:105 Resp: 14864
 Ion Ratio Lower Upper
 105 100
 134 16.5 15.4 23.0



#80
 Nitrobenzene
 Concen: 3.062 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

Tgt Ion: 77 Resp: 1878
 Ion Ratio Lower Upper
 77 100
 123 30.8 18.1 64.3
 65 4.5 10.8 13.8#

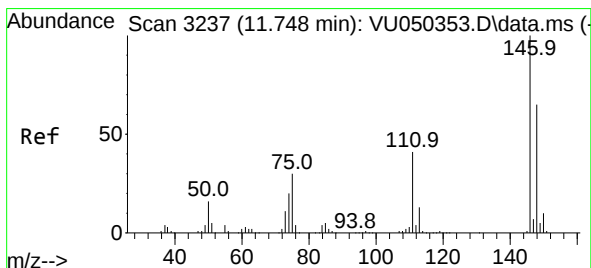
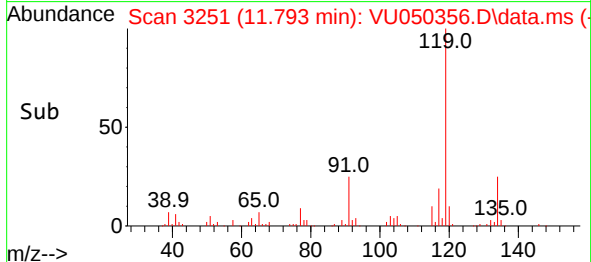
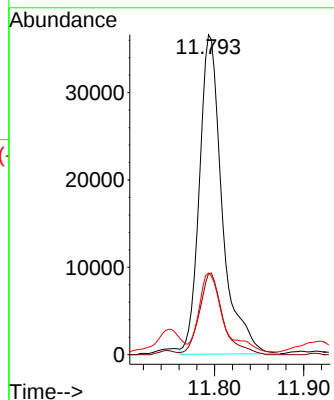
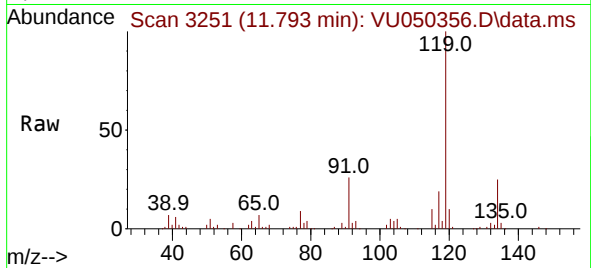




#81
 p-Isopropyltoluene
 Concen: 1.428 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

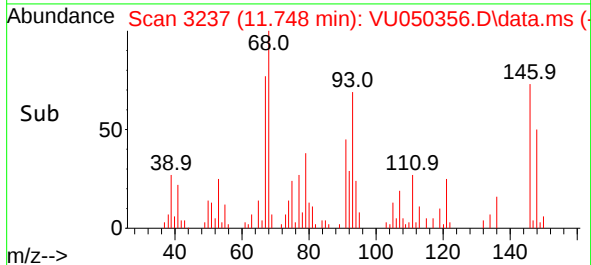
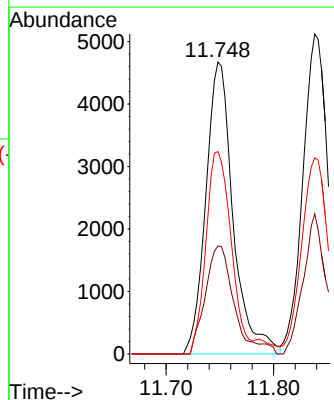
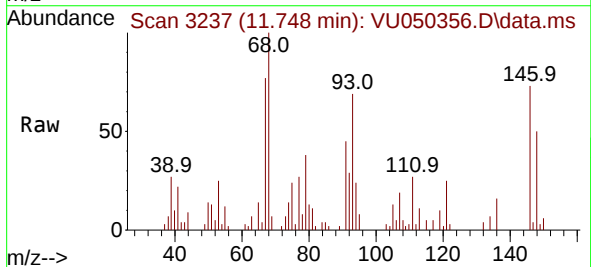
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

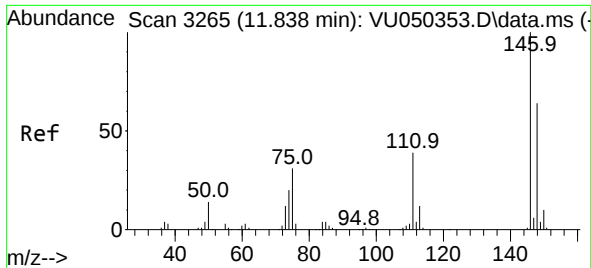
Tgt Ion:119 Resp: 64940
 Ion Ratio Lower Upper
 119 100
 134 26.2 20.5 30.7
 91 28.9 19.8 29.6



#82
 1,3-Dichlorobenzene
 Concen: 0.480 ug/l
 RT: 11.748 min Scan# 3237
 Delta R.T. 0.000 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

Tgt Ion:146 Resp: 8242
 Ion Ratio Lower Upper
 146 100
 111 38.9 33.4 50.2
 148 64.1 51.2 76.8

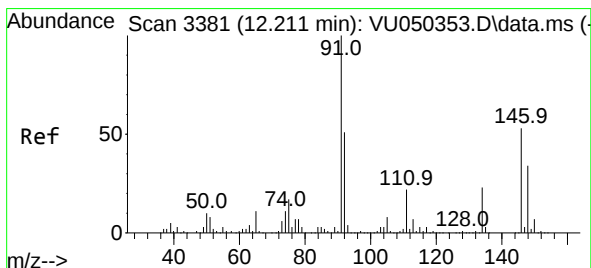
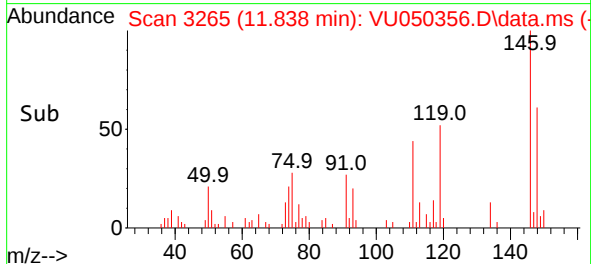
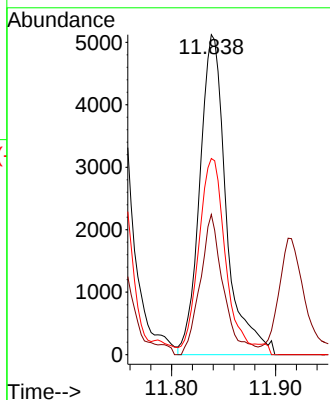
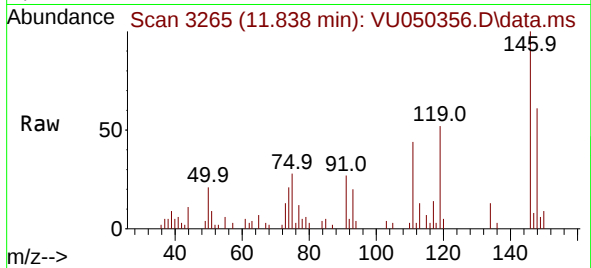




#83
1,4-Dichlorobenzene
Concen: 0.514 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

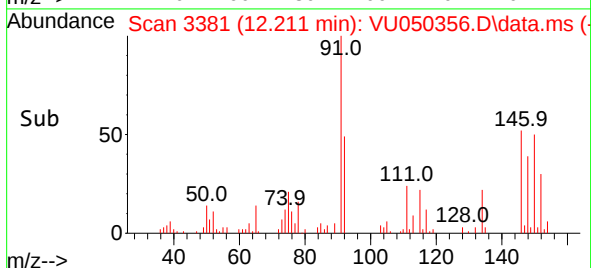
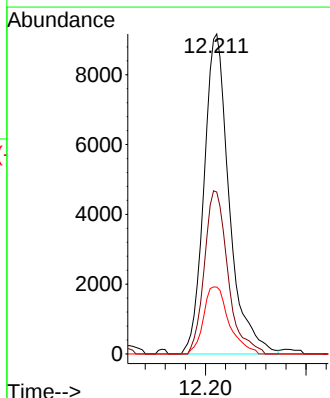
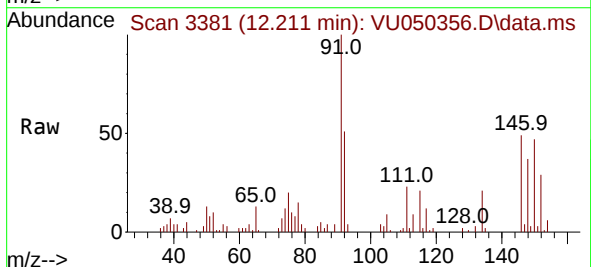
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

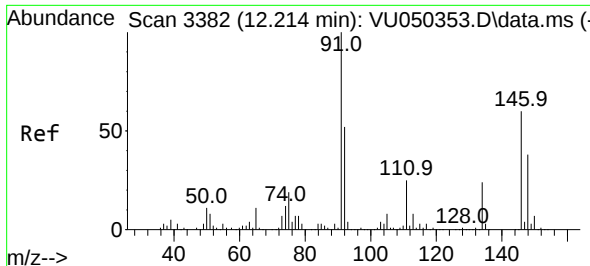
Tgt Ion:	146	Resp:	9077
Ion	Ratio	Lower	Upper
146	100		
111	38.6	32.6	49.0
148	63.4	51.6	77.4



#84
n-Butylbenzene
Concen: 0.575 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:	91	Resp:	15942
Ion	Ratio	Lower	Upper
91	100		
92	47.6	42.3	63.5
134	21.2	19.6	29.4

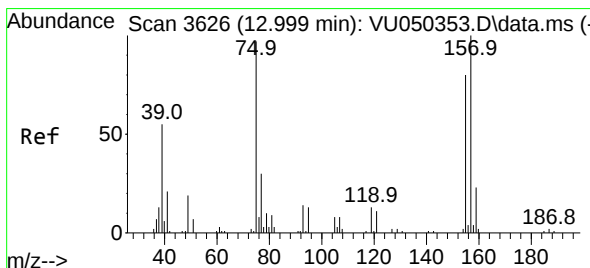
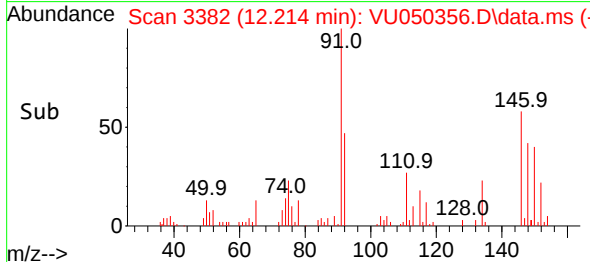
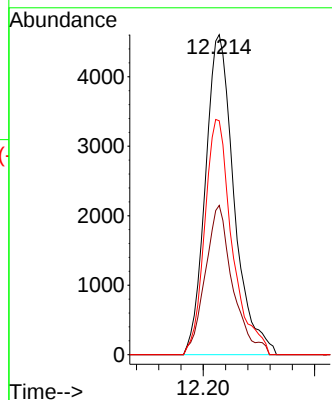
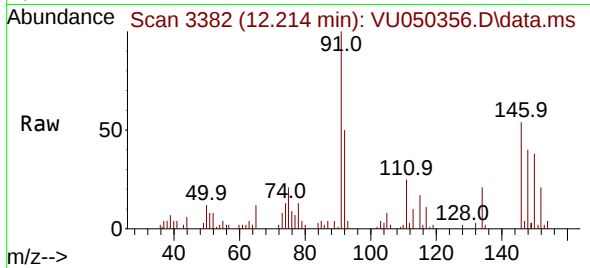




#85
 1,2-Dichlorobenzene
 Concen: 0.480 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

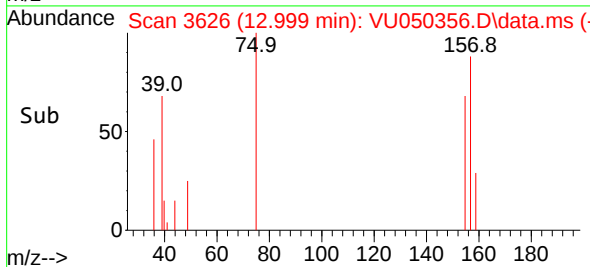
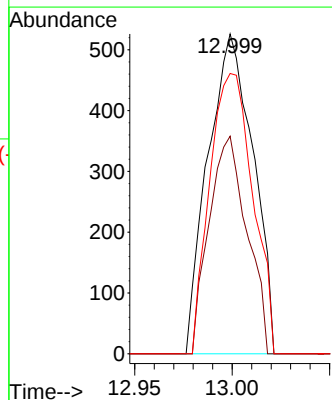
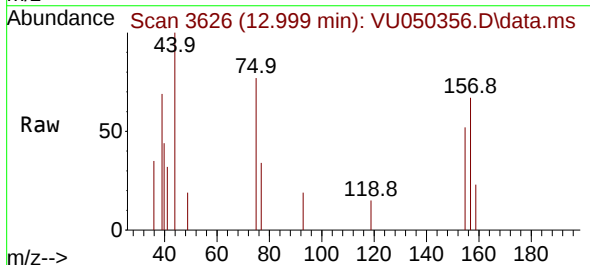
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

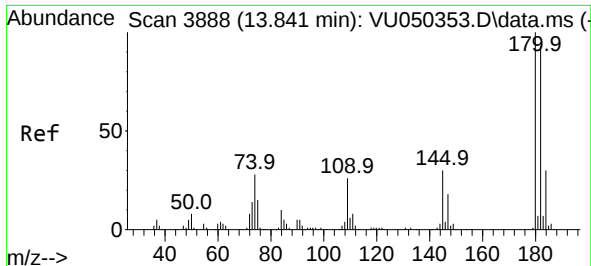
Tgt Ion:	146	Resp:	8205
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.1	66.1
148	70.6	32.1	96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.528 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU050356.D
 Acq: 17 Aug 2022 13:07

Tgt Ion:	75	Resp:	846
Ion	Ratio	Lower	Upper
75	100		
155	57.4	66.8	100.2#
157	83.8	83.8	125.8#





#87

1,2,4-Trichlorobenzene

Concen: 0.673 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

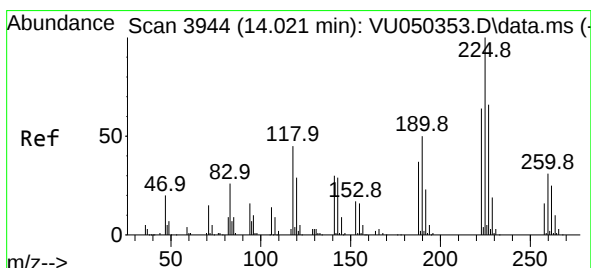
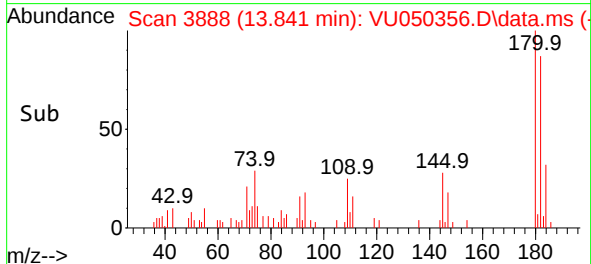
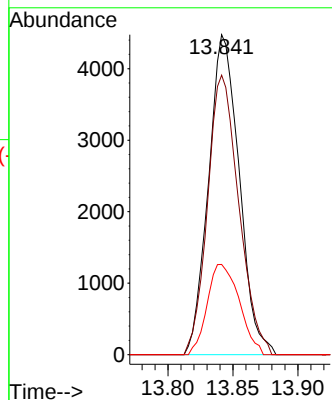
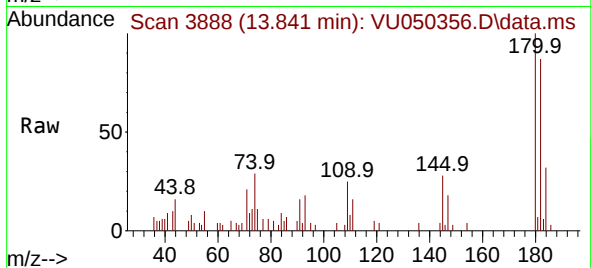
Tgt Ion:180 Resp: 7350

Ion Ratio Lower Upper

180 100

182 88.9 77.0 115.6

145 29.5 25.7 38.5



#88

Hexachlorobutadiene

Concen: 0.628 ug/l

RT: 14.025 min Scan# 3945

Delta R.T. 0.003 min

Lab File: VU050356.D

Acq: 17 Aug 2022 13:07

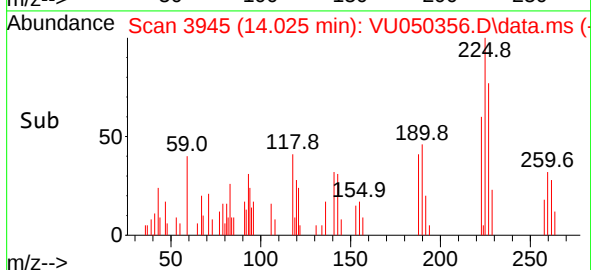
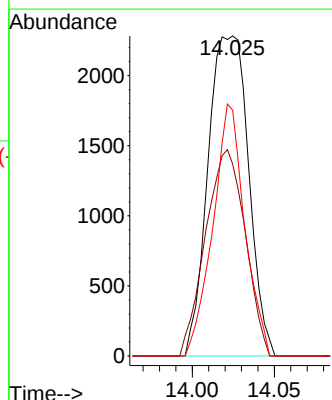
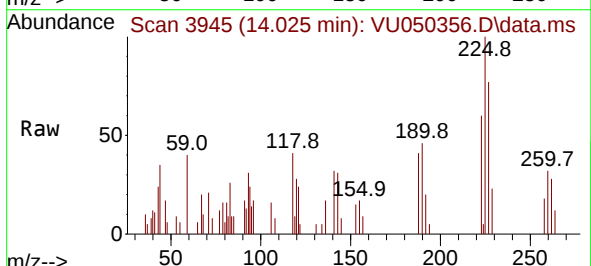
Tgt Ion:225 Resp: 3921

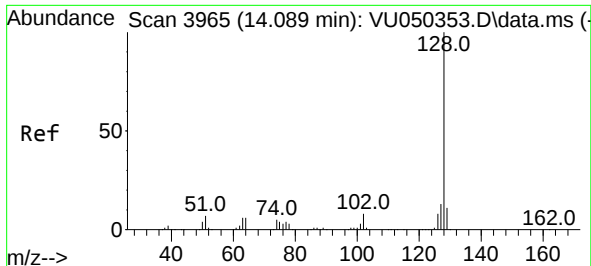
Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 61.7 50.7 76.1

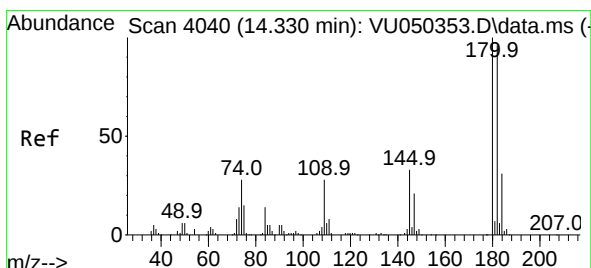
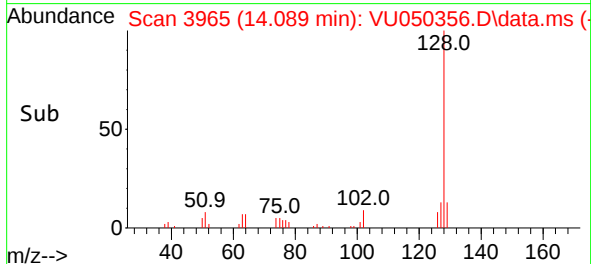
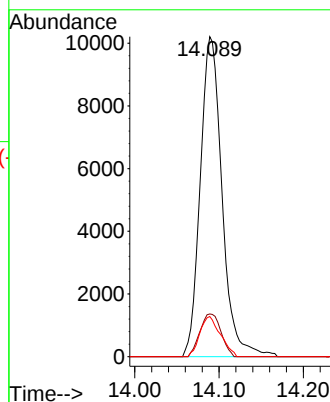
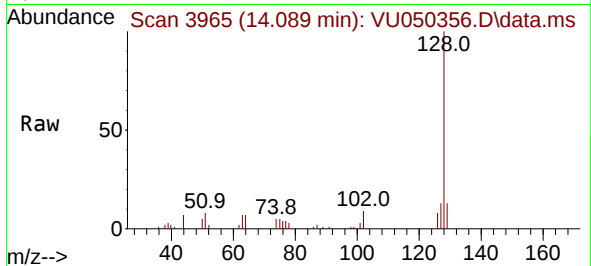




#89
Naphthalene
Concen: 0.858 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:	128	Resp:	18387
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	11.8	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.631 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050356.D
Acq: 17 Aug 2022 13:07

Tgt Ion:	180	Resp:	6948
Ion Ratio	Lower	Upper	
180	100		
182	101.9	76.6	114.8
145	31.9	27.3	40.9

