

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
 Data File : VU050352.D
 Acq On : 17 Aug 2022 10:49
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 17 11:54:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 17 11:51:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	40986	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	14994	0.999	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	16349	1.183	ug/l	0.00
Spiked Amount 1.000			Recovery	=	118.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	77923	4.964	ug/l	98
3) Chloromethane	1.520	50	94941	5.914	ug/l	99
4) Vinyl Chloride	1.604	62	87531	5.980	ug/l	100
5) Bromomethane	1.858	94	36101	4.729	ug/l	95
6) Chloroethane	1.935	64	53741	6.556	ug/l	99
7) Trichlorofluoromethane	2.141	101	99463	5.670	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	53638	5.818	ug/l	95
9) 1,1-Dichloroethene	2.581	96	57427	6.180	ug/l	98
10) Iodomethane	2.723	142	56811	4.819	ug/l	100
11) Allyl Chloride	2.925	41	93641	5.909	ug/l	96
12) Acrylonitrile	3.334	53	37197	14.971	ug/l	96
13) Acetone	2.642	43	64741	33.023	ug/l	95
14) Carbon Disulfide	2.793	76	189982	6.209	ug/l	100
15) Methylene Chloride	3.051	84	73279	6.297	ug/l	95
16) trans-1,2-Dichloroethene	3.359	96	65341	6.695	ug/l	95
17) 1,1-Dichloroethane	3.880	63	125939	6.241	ug/l	98
18) 2-Butanone	4.742	43	108737	32.540	ug/l	100
19) Cyclohexane	5.362	56	87430m	4.533	ug/l	
20) Methylcyclohexane	6.777	83	70573	3.712	ug/l	96
21) 2,2-Dichloropropane	4.665	77	98376	5.957	ug/l	98
22) cis-1,2-Dichloroethene	4.668	96	69807	5.800	ug/l	97
23) Diethyl Ether	2.379	59	52253	6.600	ug/l	# 83
24) tert-Butyl Alcohol	3.247	59	71500	79.162	ug/l	99
25) Methyl tert-Butyl Ether	3.382	73	163492	6.292	ug/l	96
26) Bromochloromethane	4.967	128	27820	5.490	ug/l	92
27) Chloroform	5.083	83	123204	6.204	ug/l	95
28) 1,1,1-Trichloroethane	5.298	97	100540	5.741	ug/l	99
29) 1,1-Dichloropropene	5.507	75	78279	5.005	ug/l	98
30) Carbon Tetrachloride	5.504	117	77044	5.224	ug/l	99
31) Isopropyl Ether	4.018	45	195869	5.659	ug/l	95
32) Ethyl-t-butyl ether	4.526	59	166370	5.079	ug/l	99
33) Tert-Amyl methyl ether	5.957	73	116130	4.077	ug/l	97
34) Propionitrile	4.813	54	36187	37.766	ug/l	# 95
35) Benzene	5.761	78	252445	5.665	ug/l	99
36) 1,2-Dichloroethane	5.793	62	78061	6.160	ug/l	99
37) Trichloroethene	6.549	130	59635	5.295	ug/l	99
38) 1,2-Dichloropropane	6.816	63	70506	5.976	ug/l	97
39) Methacrylonitrile	4.989	41	25722	6.266	ug/l	97
40) Methyl acrylate	4.864	55	42230	6.568	ug/l	100
41) Tetrahydrofuran	5.079	42	26951	11.105	ug/l	98
42) 1-Chlorobutane	5.443	56	119162	5.433	ug/l	97
43) Dibromomethane	6.938	93	37505	6.380	ug/l	97
44) Bromodichloromethane	7.124	83	87323	6.197	ug/l	98

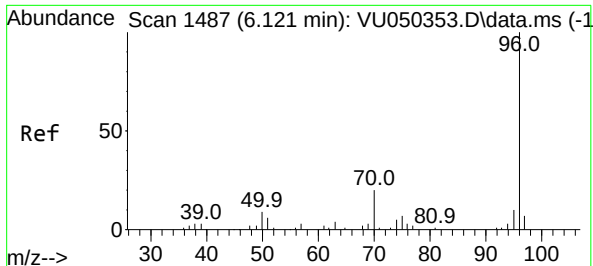
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
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Quant Time: Aug 17 11:54:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 17 11:51:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.819	43	207830	26.048	ug/l	99
46) t-1,4-Dichloro-2-butene	10.835	75	28920m	11.138	ug/l	
47) Methyl methacrylate	6.993	69	63449	10.703	ug/l	93
48) Ethyl methacrylate	8.349	69	55910	4.701	ug/l	93
49) Toluene	7.983	92	150198	5.519	ug/l	98
50) t-1,3-Dichloropropene	8.224	75	73154	5.375	ug/l	96
51) cis-1,3-Dichloropropene	7.623	75	83962	5.206	ug/l	96
52) 1,1,2-Trichloroethane	8.414	97	56634	6.980	ug/l	98
53) 1,3-Dichloropropane	8.587	76	90476	6.213	ug/l	99
54) 2-Hexanone	8.703	43	144772	26.126	ug/l	99
55) Dibromochloromethane	8.819	129	58793	6.344	ug/l	96
56) 1,2-Dibromoethane	8.935	107	50099	6.377	ug/l	99
58) Tetrachloroethene	8.562	164	56313	6.013	ug/l	99
59) Chlorobenzene	9.452	112	155875	5.475	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.539	131	60775	6.001	ug/l	99
61) Pentachloroethane	11.430	117	52318	6.729	ug/l	93
62) Hexachloroethane	12.475	117	39755	5.105	ug/l	100
63) Ethyl Benzene	9.574	91	249867	4.876	ug/l	99
64) m/p-Xylenes	9.700	106	209439	11.049	ug/l	98
65) o-Xylene	10.105	106	96652	5.188	ug/l	98
66) Styrene	10.118	104	166669	5.568	ug/l	97
67) Bromoform	10.295	173	34728	6.567	ug/l	98
69) Isopropylbenzene	10.488	105	242900	4.881	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	74074	7.028	ug/l	96
71) 1,2,3-Trichloropropane	10.825	75	57987m	6.645	ug/l	
72) Bromobenzene	10.783	156	66419	5.923	ug/l	97
73) n-propylbenzene	10.909	120	64142	5.108	ug/l	97
74) 2-Chlorotoluene	10.989	126	66207	5.913	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	226696	5.450	ug/l	97
76) 4-Chlorotoluene	11.102	126	68621	6.111	ug/l	88
77) tert-Butylbenzene	11.423	119	206551	5.043	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	241124	5.774	ug/l	98
79) sec-Butylbenzene	11.645	105	281253	5.235	ug/l	100
80) Nitrobenzene	13.211	77	23425	54.325	ug/l	99
81) p-Isopropyltoluene	11.793	119	229659	5.269	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	139709	6.441	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	140668	6.426	ug/l	98
84) n-Butylbenzene	12.211	91	211069	5.200	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	136741	6.507	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	12157	6.614	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	77489	5.466	ug/l	98
88) Hexachlorobutadiene	14.021	225	45177	6.253	ug/l	98
89) Naphthalene	14.089	128	159365	5.361	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	81457	6.017	ug/l	98

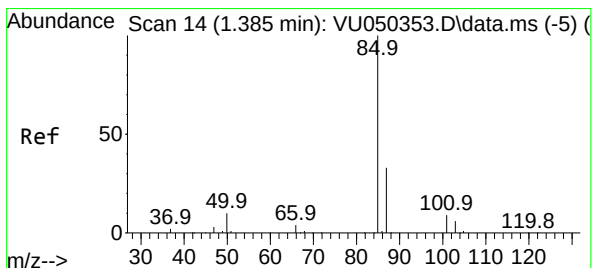
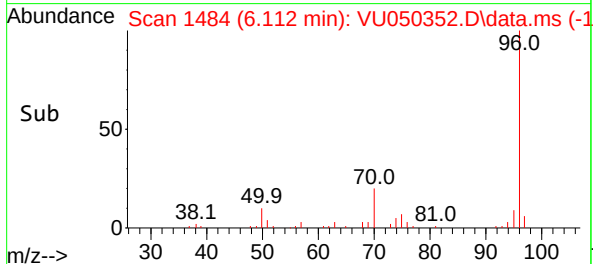
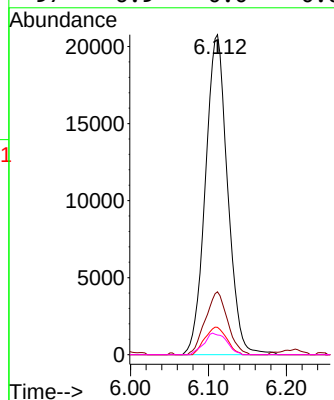
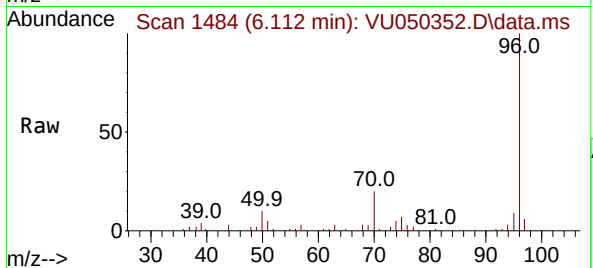
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.009 min
Lab File: VU050352.D
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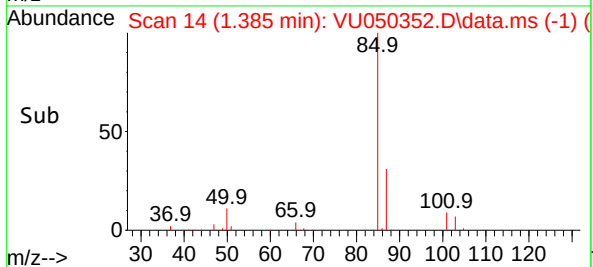
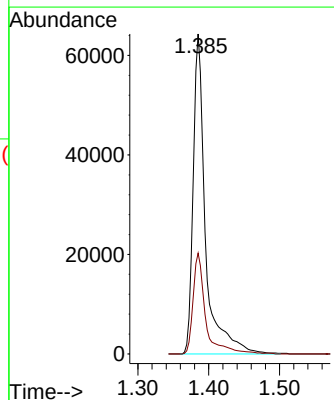
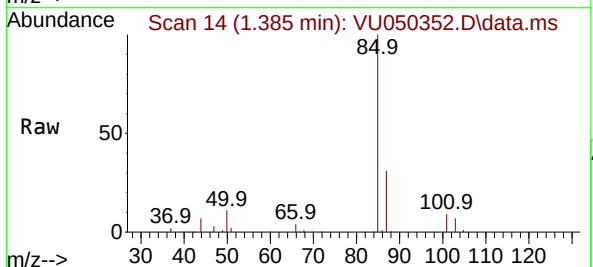
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

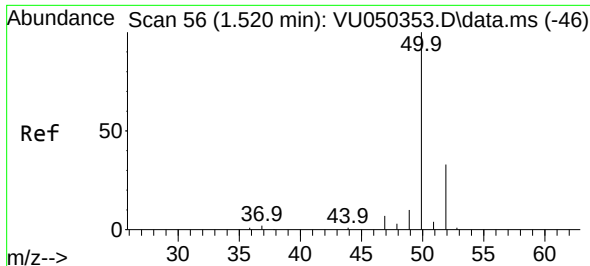
Tgt Ion: 96	Resp: 40986
Ion Ratio	Lower Upper
96 100	
70 19.6	16.7 25.1
95 8.5	7.4 11.0
97 6.9	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 4.964 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 85	Resp: 77923
Ion Ratio	Lower Upper
85 100	
87 31.5	16.3 48.8

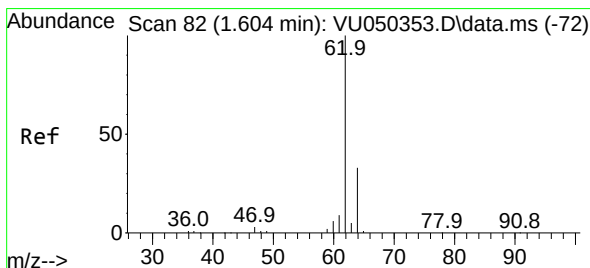
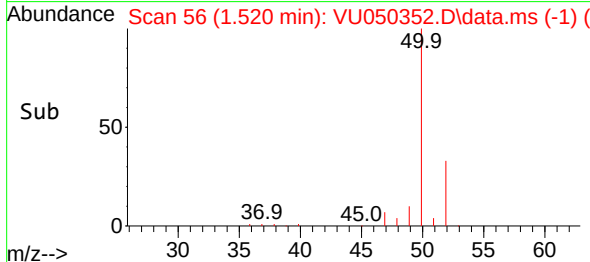
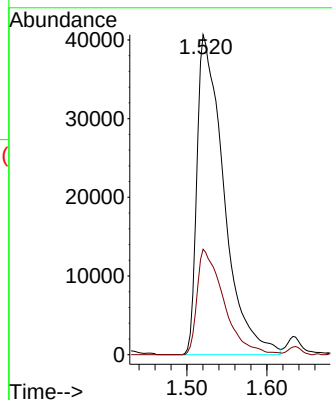
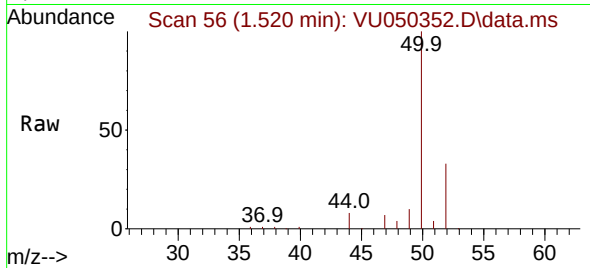




#3
Chloromethane
Concen: 5.914 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

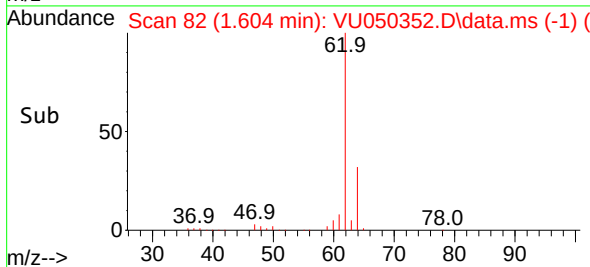
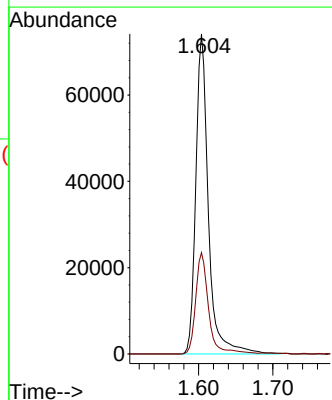
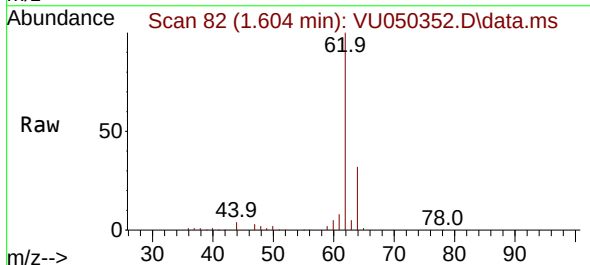
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

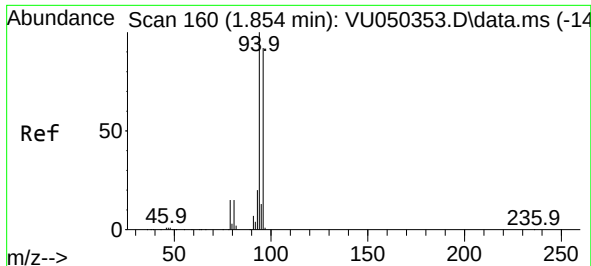
Tgt Ion: 50 Resp: 94941
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 5.980 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 62 Resp: 87531
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3

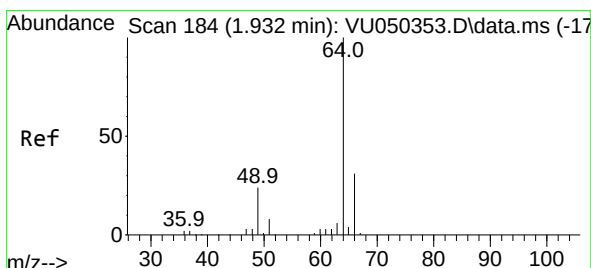
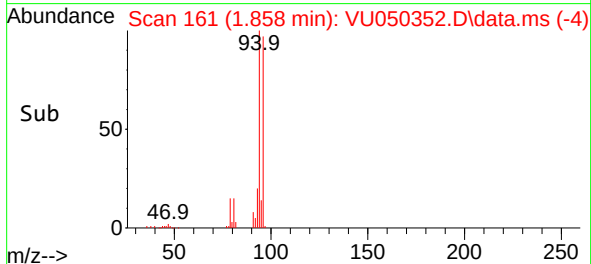
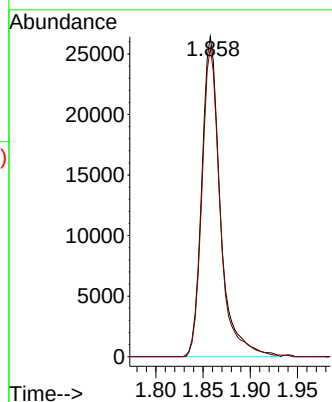
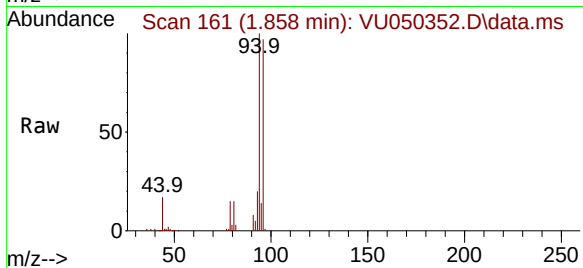




#5
Bromomethane
Concen: 4.729 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

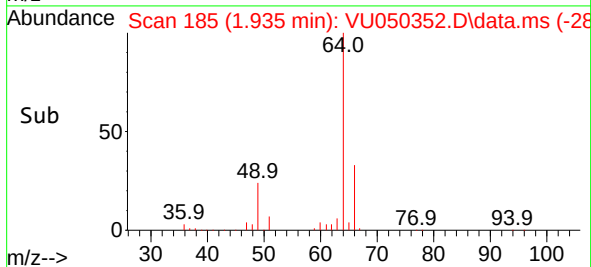
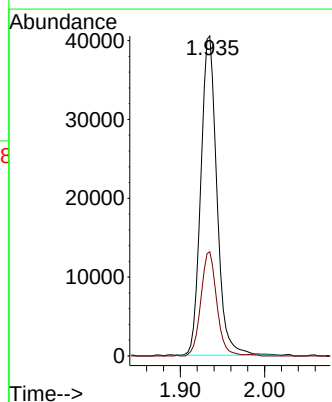
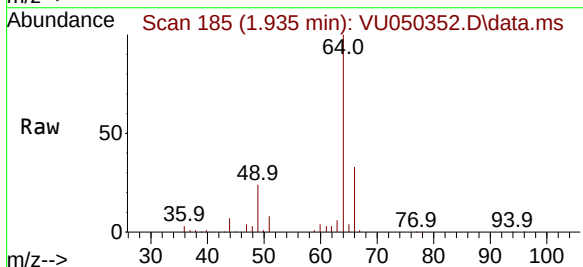
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ClientSampleId :
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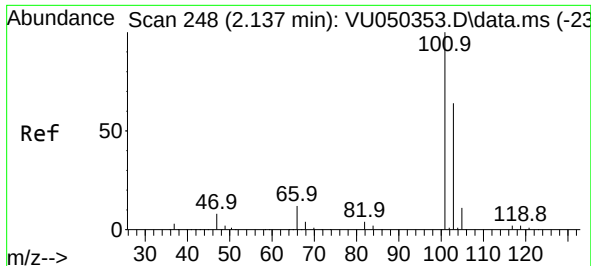
Tgt Ion: 94 Resp: 36101
Ion Ratio Lower Upper
94 100
96 96.5 73.0 109.6



#6
Chloroethane
Concen: 6.556 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 64 Resp: 53741
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6

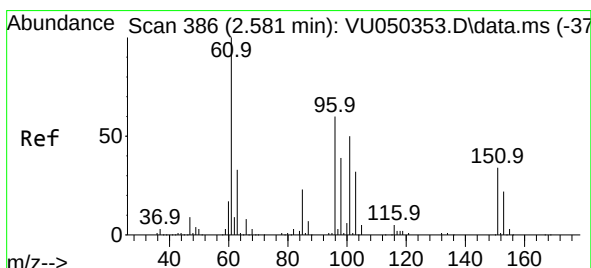
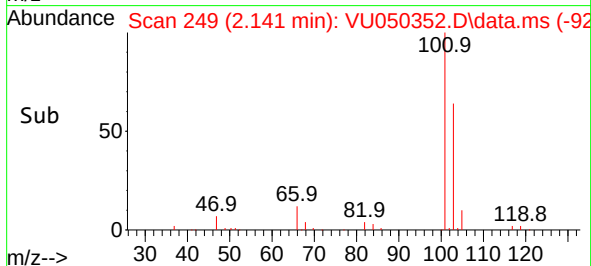
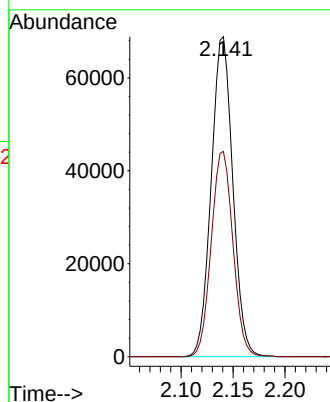
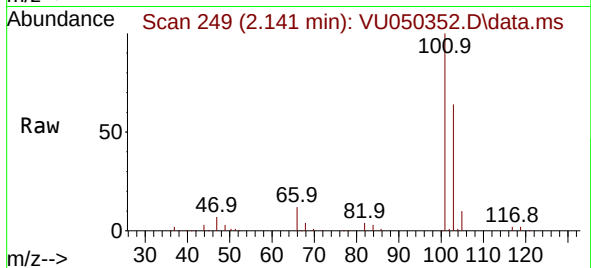




#7
Trichlorofluoromethane
Concen: 5.670 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

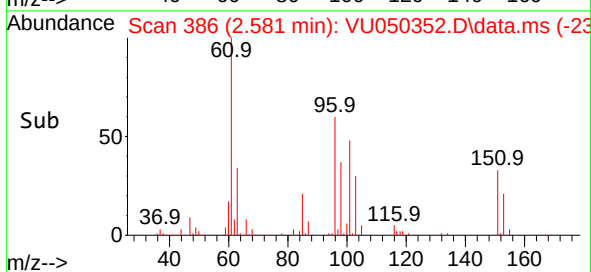
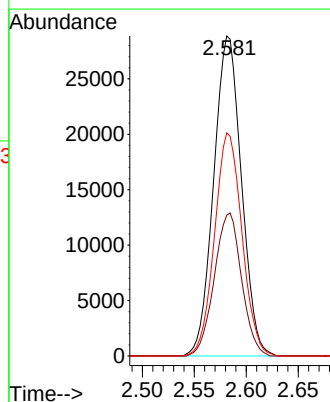
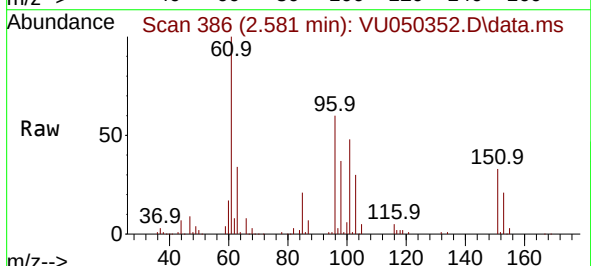
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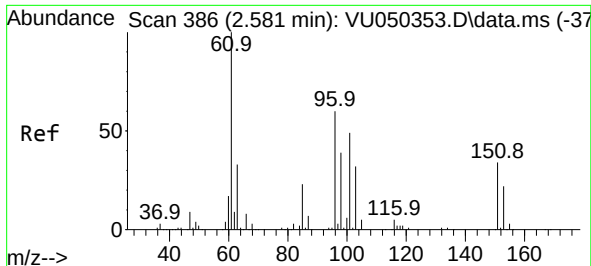
Tgt Ion:101 Resp: 99463
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.818 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion:101 Resp: 53638
Ion Ratio Lower Upper
101 100
85 43.9 36.4 54.6
151 68.9 59.1 88.7

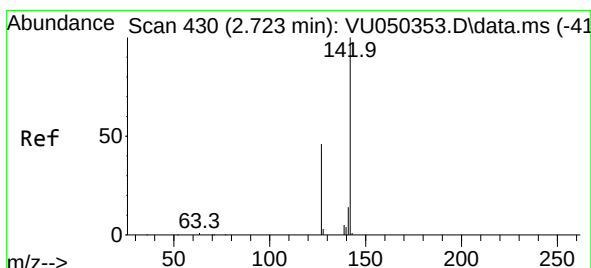
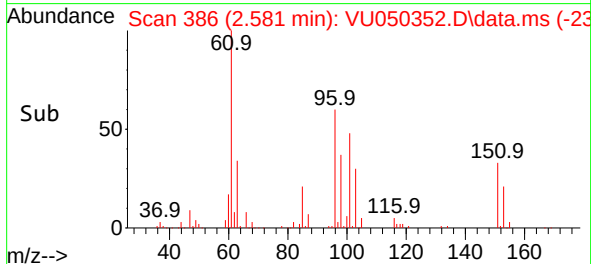
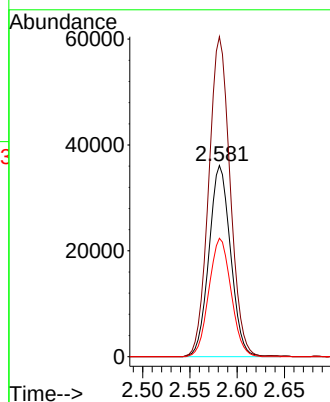
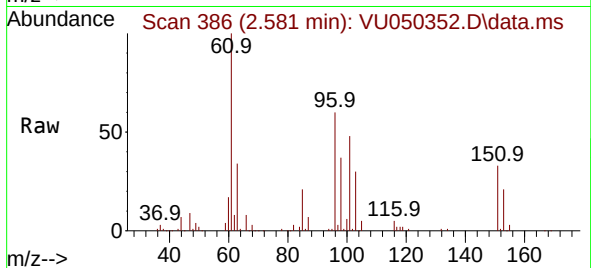




#9
1,1-Dichloroethene
Concen: 6.180 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

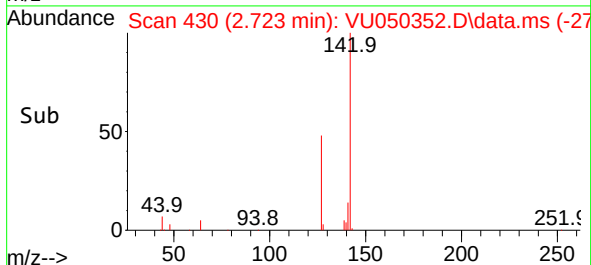
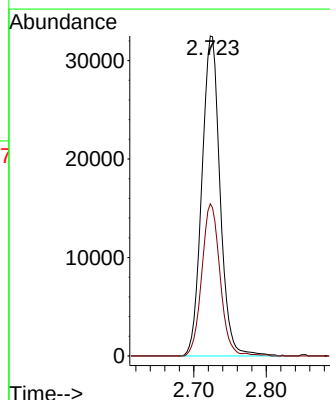
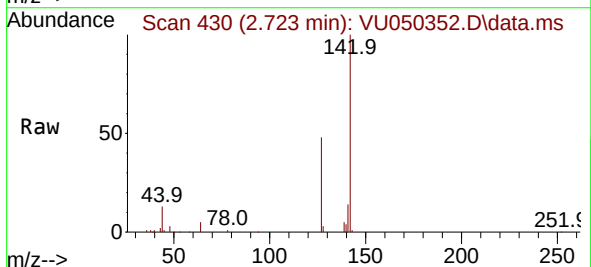
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ClientSampleId :
VSTDIC005

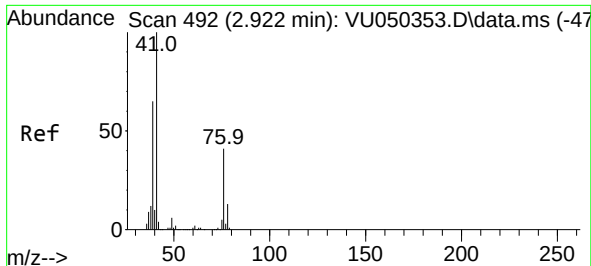
Tgt Ion: 96 Resp: 57427
Ion Ratio Lower Upper
96 100
61 167.3 0.0 510.6
98 61.9 0.0 124.6



#10
Iodomethane
Concen: 4.819 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 142 Resp: 56811
Ion Ratio Lower Upper
142 100
127 47.6 38.2 57.2





#11

Allyl Chloride

Concen: 5.909 ug/l

RT: 2.925 min Scan# 49

Delta R.T. 0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

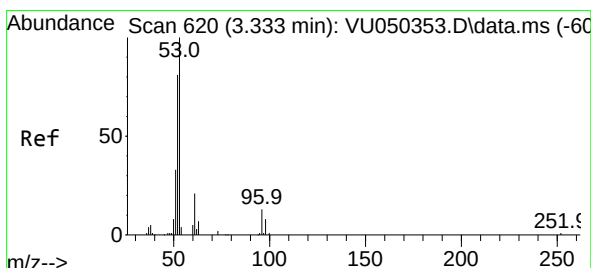
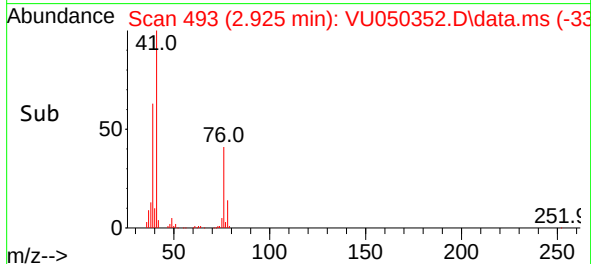
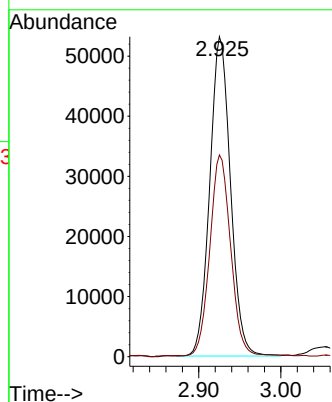
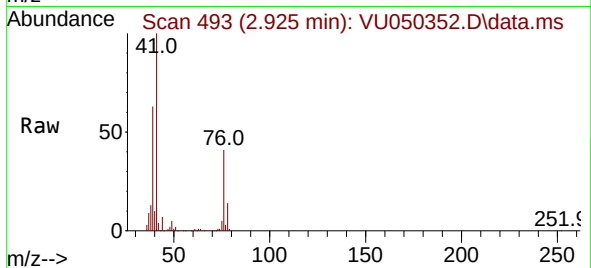
VSTDIC005

Tgt Ion: 41 Resp: 93641

Ion Ratio Lower Upper

41 100

39 63.0 53.2 79.8



#12

Acrylonitrile

Concen: 14.971 ug/l

RT: 3.334 min Scan# 620

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

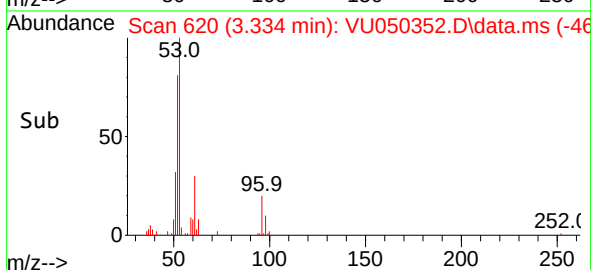
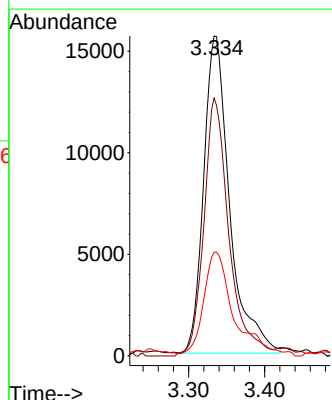
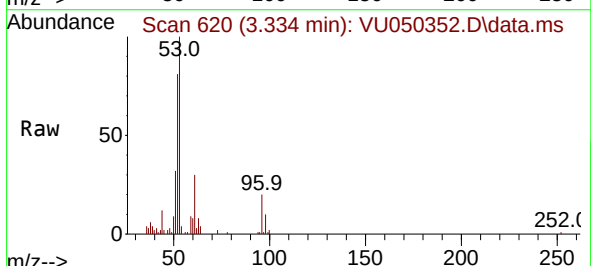
Tgt Ion: 53 Resp: 37197

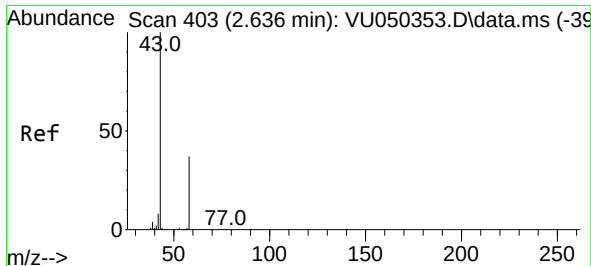
Ion Ratio Lower Upper

53 100

52 78.0 64.6 97.0

51 35.4 30.7 46.1





#13

Acetone

Concen: 33.023 ug/l

RT: 2.642 min Scan# 405

Delta R.T. 0.006 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

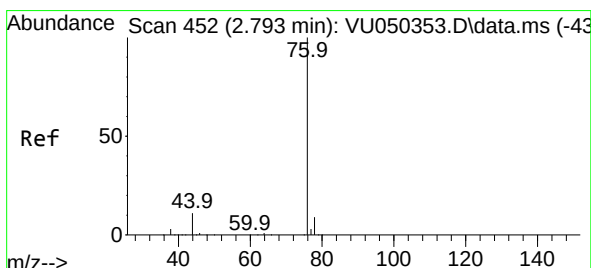
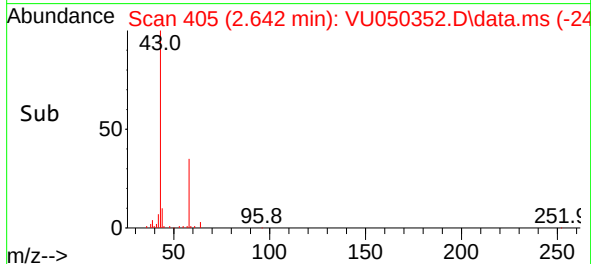
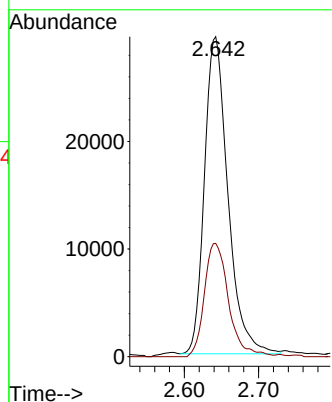
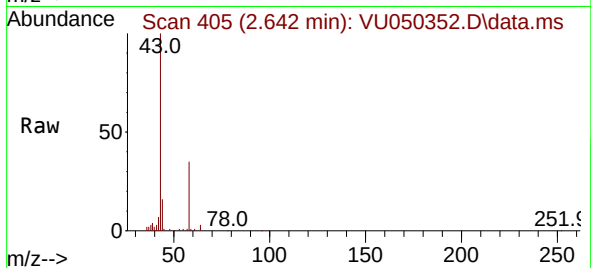
VSTDIC005

Tgt Ion: 43 Resp: 64741

Ion Ratio Lower Upper

43 100

58 35.7 26.2 39.2



#14

Carbon Disulfide

Concen: 6.209 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU050352.D

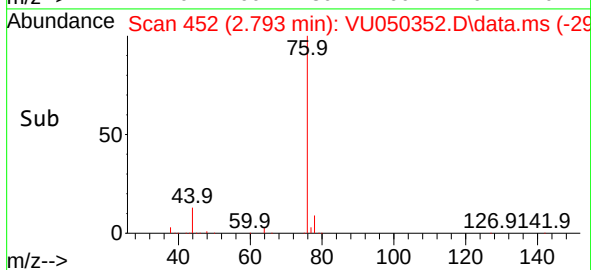
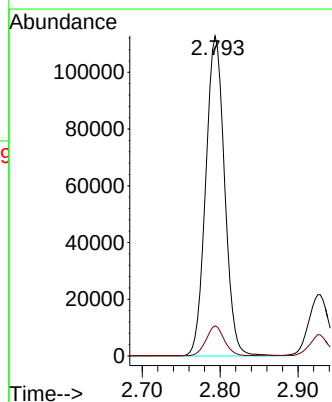
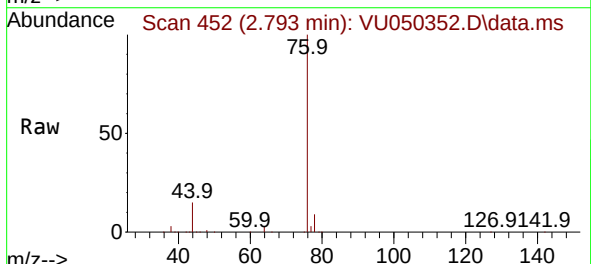
Acq: 17 Aug 2022 10:49

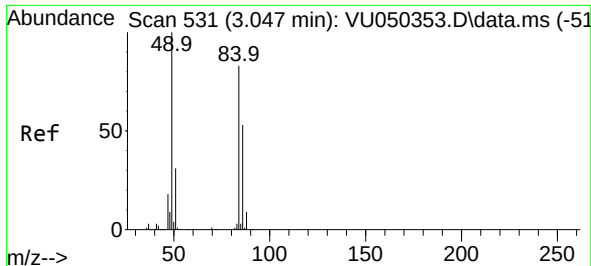
Tgt Ion: 76 Resp: 189982

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

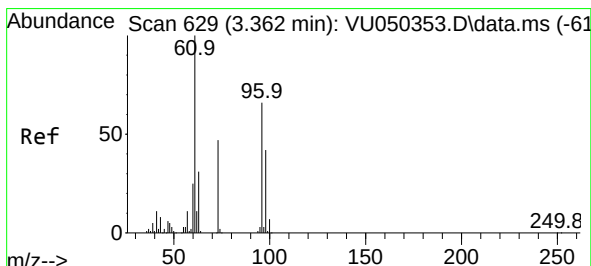
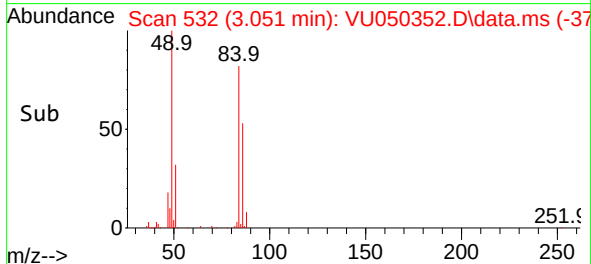
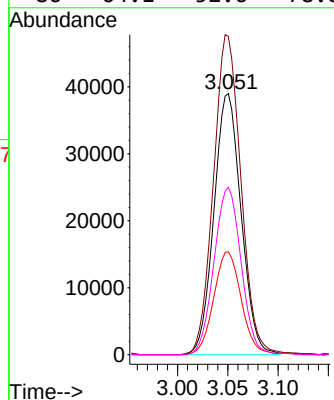
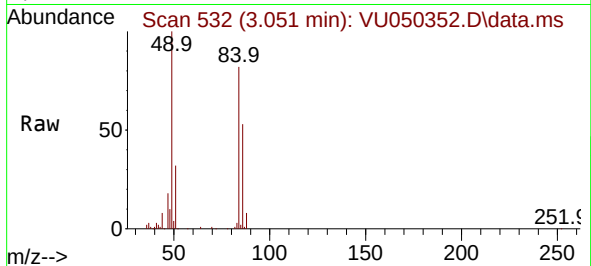




#15
Methylene Chloride
Concen: 6.297 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

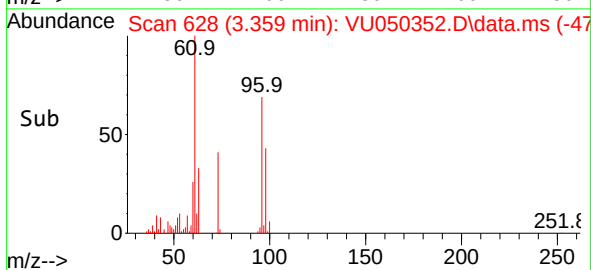
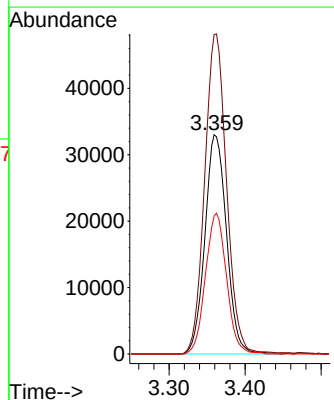
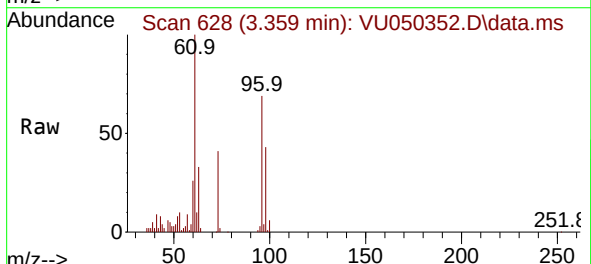
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

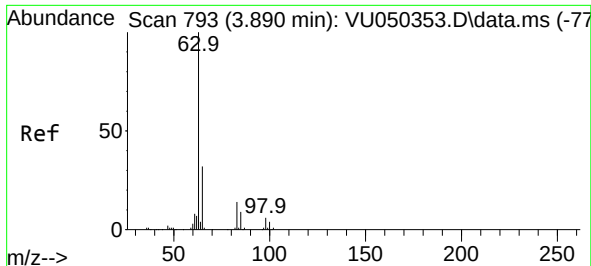
Tgt Ion: 84 Resp: 73279
Ion Ratio Lower Upper
84 100
49 121.9 104.6 157.0
51 39.4 0.0 81.4
86 64.1 52.6 78.8



#16
trans-1,2-Dichloroethene
Concen: 6.695 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 96 Resp: 65341
Ion Ratio Lower Upper
96 100
61 145.8 123.4 185.0
98 62.9 51.6 77.4





#17

1,1-Dichloroethane

Concen: 6.241 ug/l

RT: 3.880 min Scan# 793

Delta R.T. -0.010 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

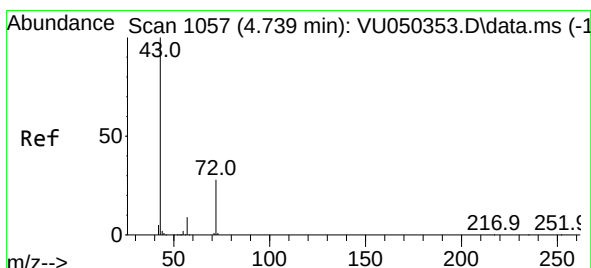
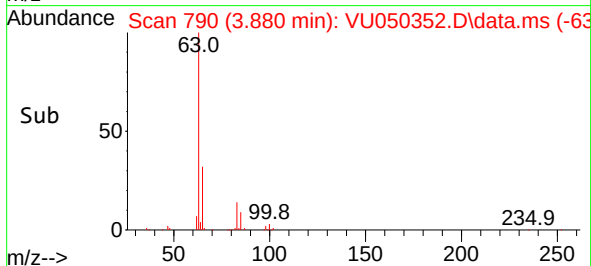
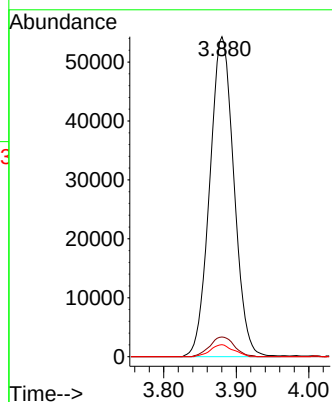
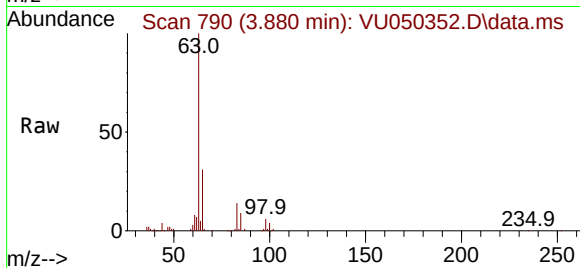
Tgt Ion: 63 Resp: 125939

Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 3.8 2.0 6.0



#18

2-Butanone

Concen: 32.540 ug/l

RT: 4.742 min Scan# 1058

Delta R.T. 0.003 min

Lab File: VU050352.D

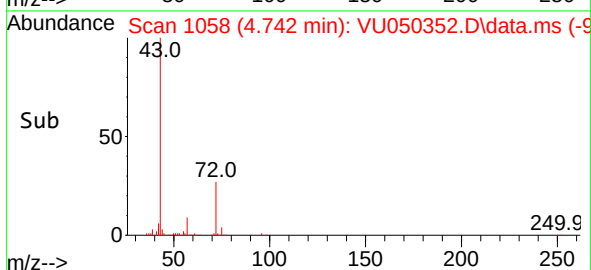
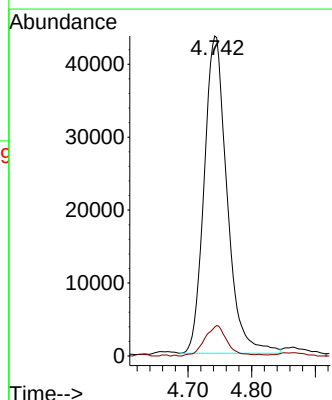
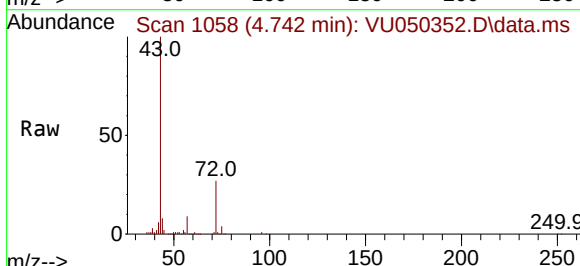
Acq: 17 Aug 2022 10:49

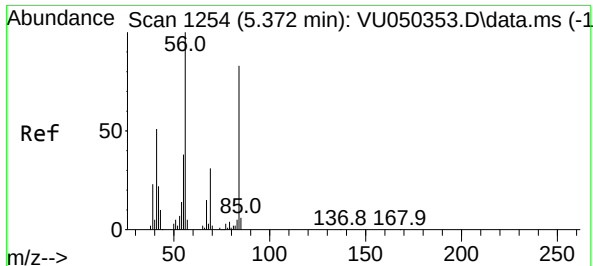
Tgt Ion: 43 Resp: 108737

Ion Ratio Lower Upper

43 100

57 9.2 0.0 18.0





#19

Cyclohexane

Concen: 4.533 ug/l m

RT: 5.362 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

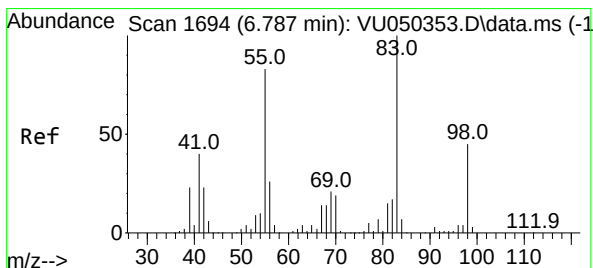
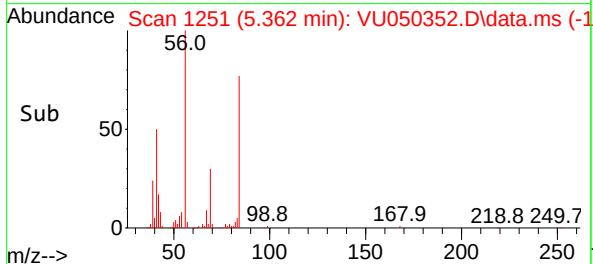
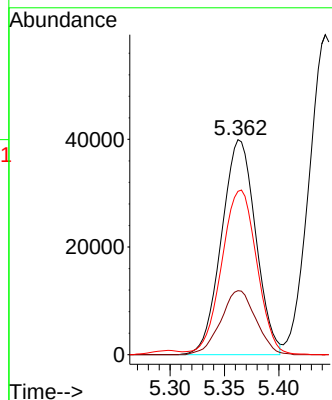
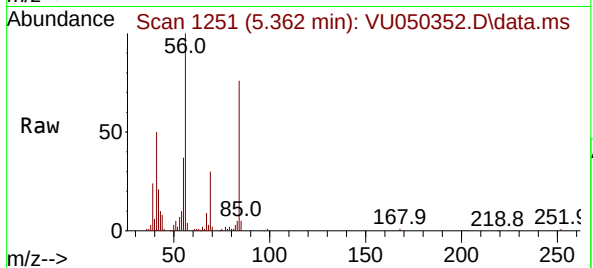
Tgt Ion: 56 Resp: 87430

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 76.6 63.4 95.2



#20

Methylcyclohexane

Concen: 3.712 ug/l

RT: 6.777 min Scan# 1691

Delta R.T. -0.010 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

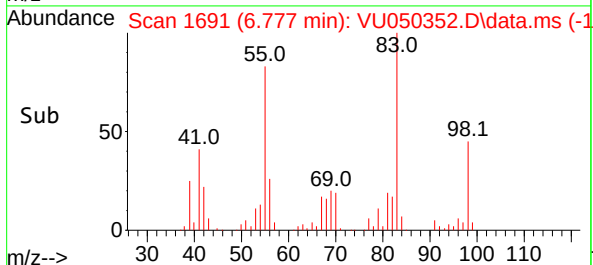
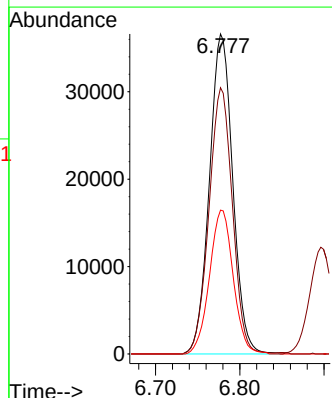
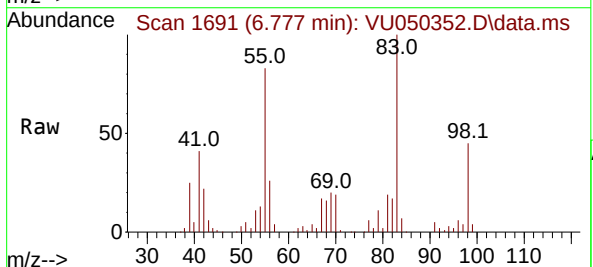
Tgt Ion: 83 Resp: 70573

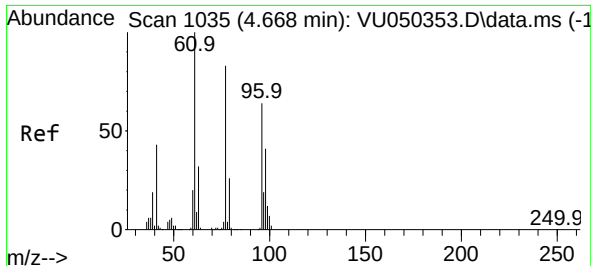
Ion Ratio Lower Upper

83 100

55 83.0 63.0 94.4

98 45.7 35.7 53.5





#21

2,2-Dichloropropane

Concen: 5.957 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

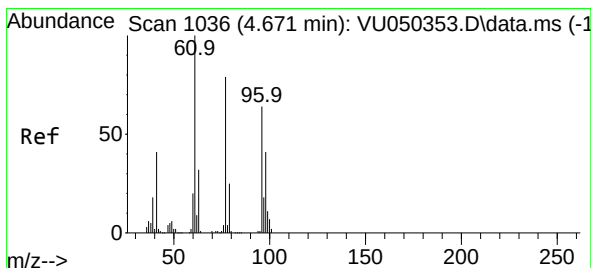
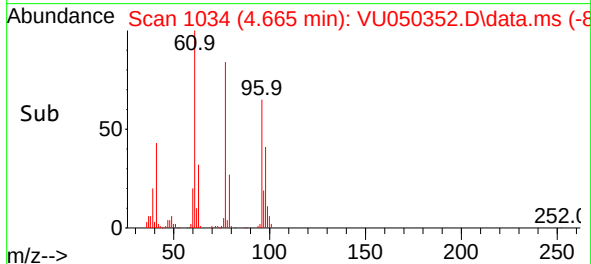
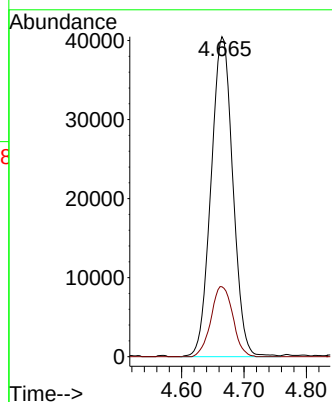
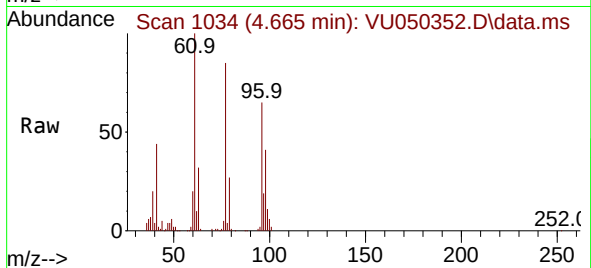
VSTDIC005

Tgt Ion: 77 Resp: 98376

Ion Ratio Lower Upper

77 100

97 21.9 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 5.800 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

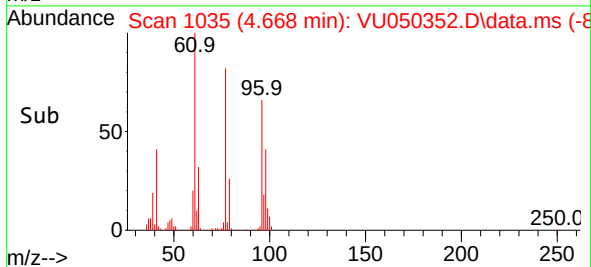
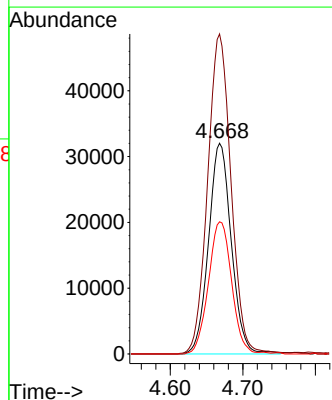
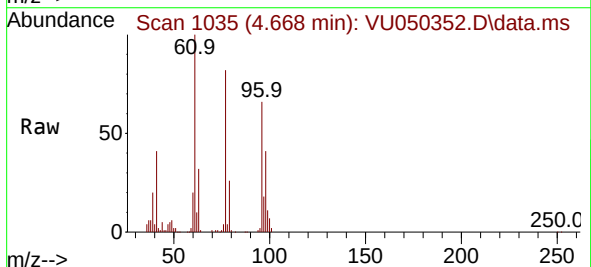
Tgt Ion: 96 Resp: 69807

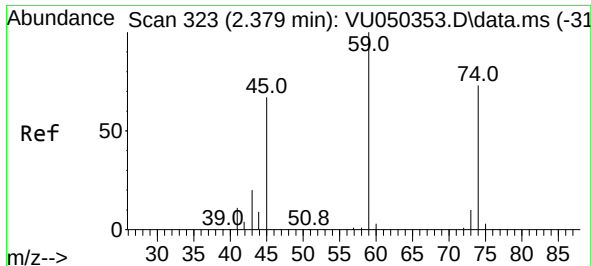
Ion Ratio Lower Upper

96 100

61 156.0 0.0 375.8

98 63.7 31.6 95.0





#23

Diethyl Ether

Concen: 6.600 ug/l

RT: 2.379 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

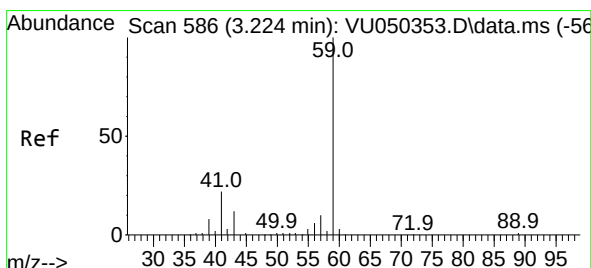
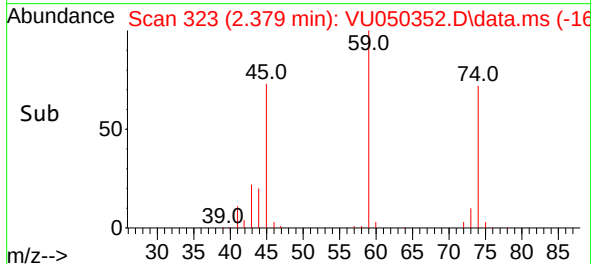
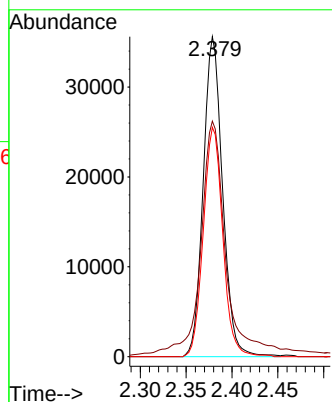
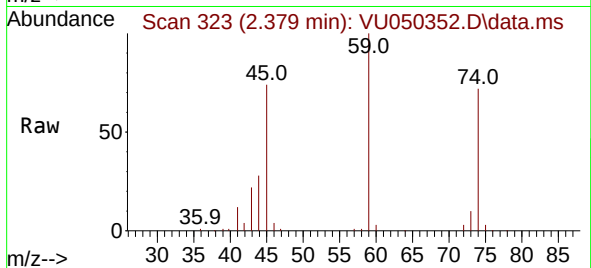
Tgt Ion: 59 Resp: 52253

Ion Ratio Lower Upper

59 100

45 97.7 56.0 84.0#

74 72.3 57.6 86.4



#24

tert-Butyl Alcohol

Concen: 79.162 ug/l

RT: 3.247 min Scan# 593

Delta R.T. 0.023 min

Lab File: VU050352.D

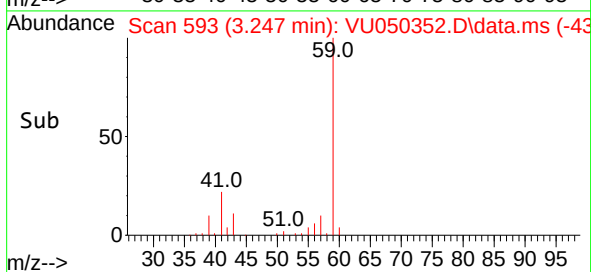
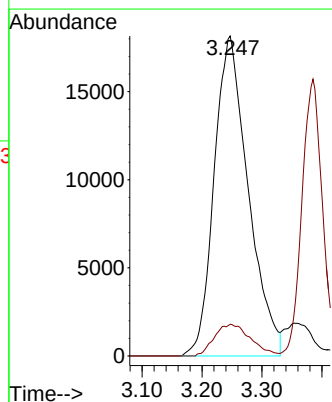
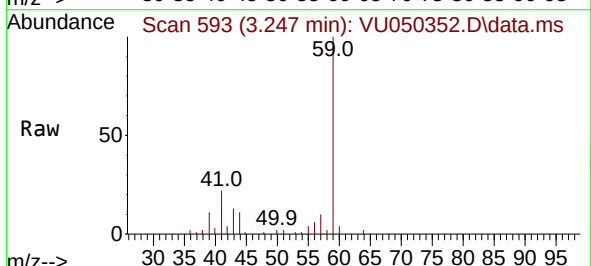
Acq: 17 Aug 2022 10:49

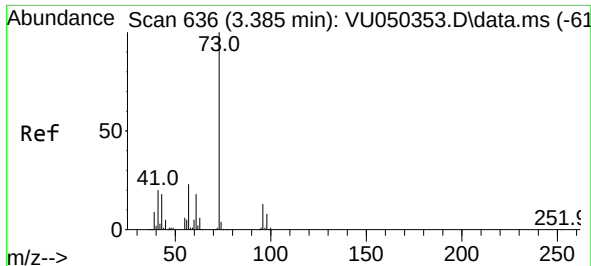
Tgt Ion: 59 Resp: 71500

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.2

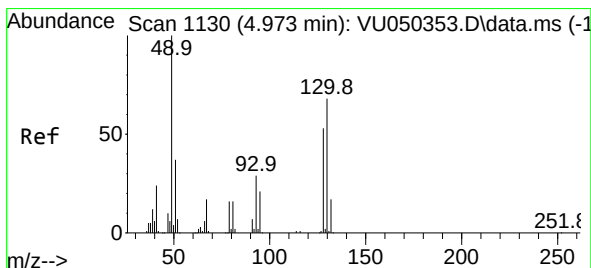
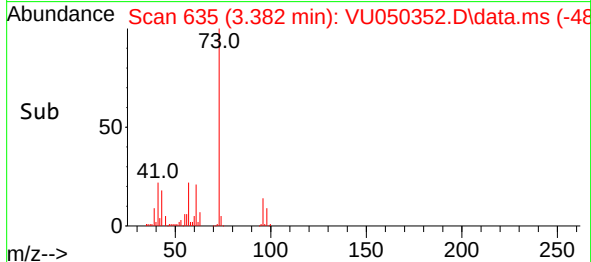
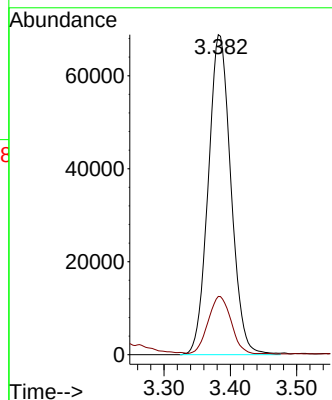
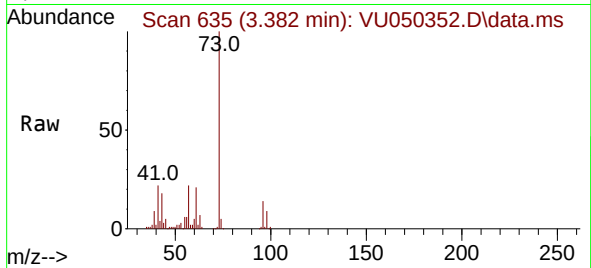




#25
Methyl tert-Butyl Ether
Concen: 6.292 ug/l
RT: 3.382 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

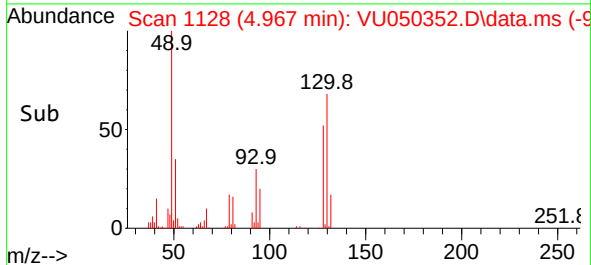
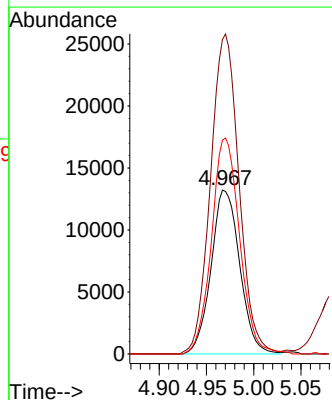
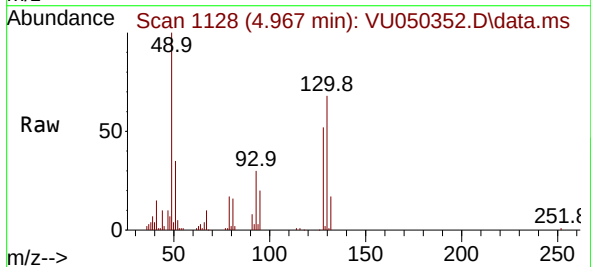
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

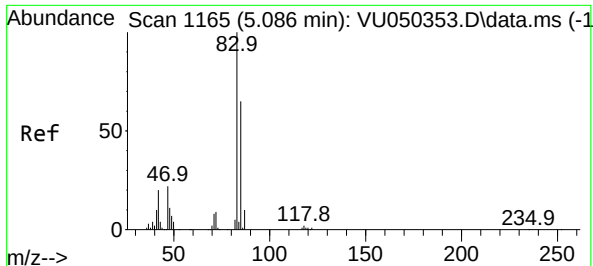
Tgt Ion: 73 Resp: 163492
Ion Ratio Lower Upper
73 100
43 17.9 15.9 23.9



#26
Bromochloromethane
Concen: 5.490 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 128 Resp: 27820
Ion Ratio Lower Upper
128 100
49 194.0 0.0 349.2
130 129.9 103.0 154.6





#27

Chloroform

Concen: 6.204 ug/l

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

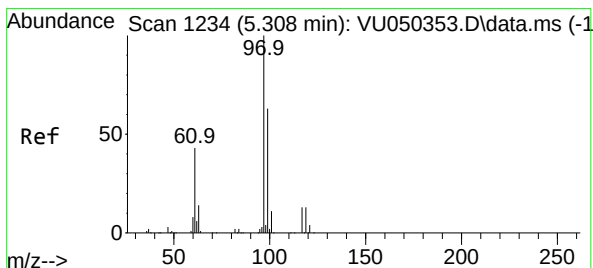
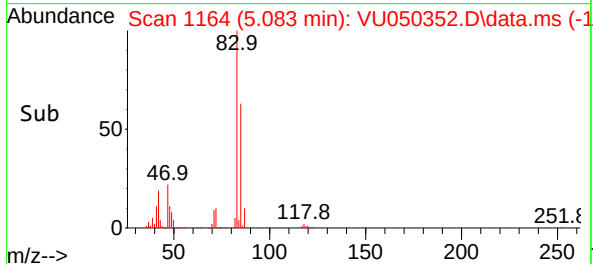
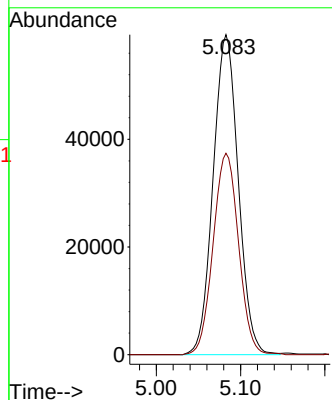
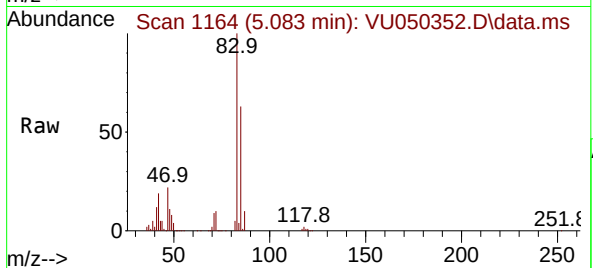
VSTDIC005

Tgt Ion: 83 Resp: 123204

Ion Ratio Lower Upper

83 100

85 62.9 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 5.741 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.010 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

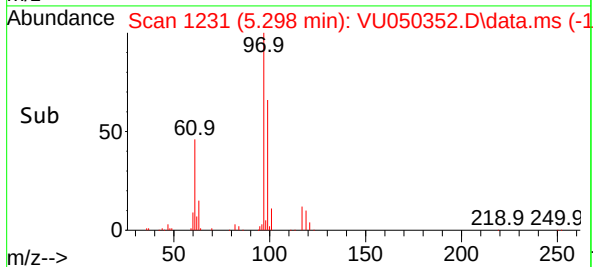
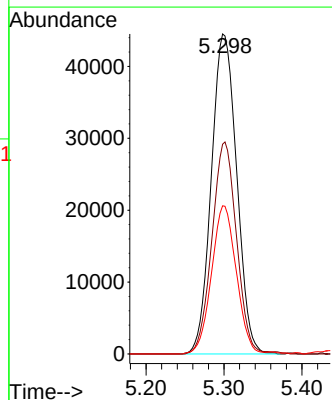
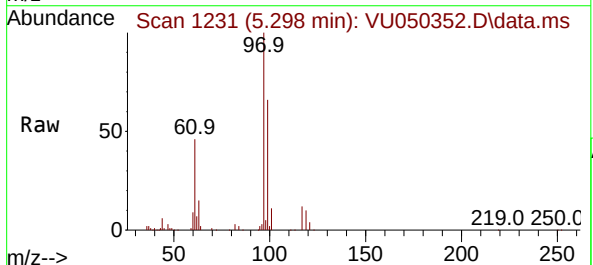
Tgt Ion: 97 Resp: 100540

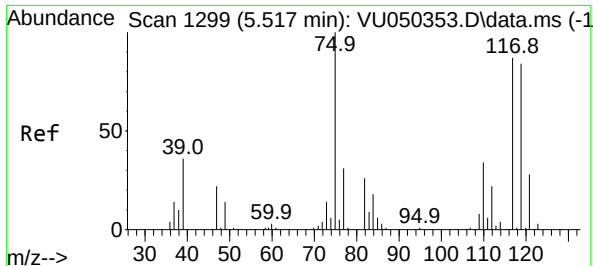
Ion Ratio Lower Upper

97 100

99 64.5 32.1 96.5

61 45.3 21.8 65.4





#29

1,1-Dichloropropene

Concen: 5.005 ug/l

RT: 5.507 min Scan# 1296

Delta R.T. -0.010 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

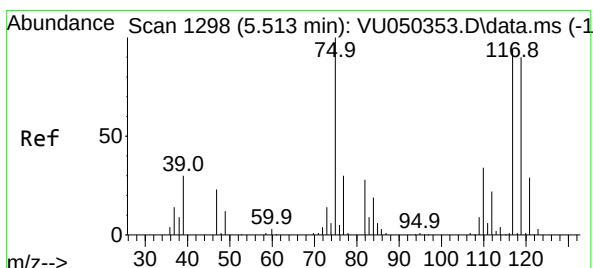
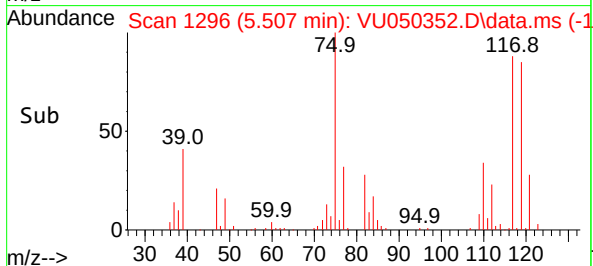
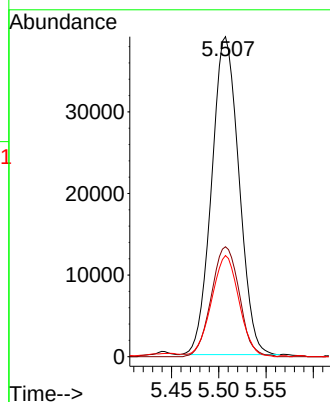
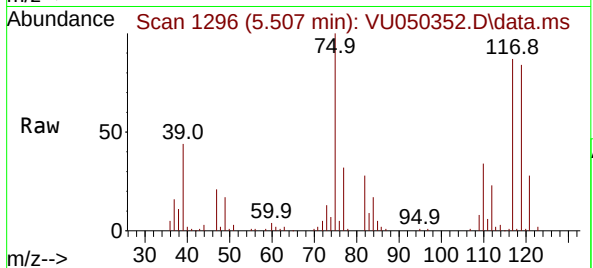
Tgt Ion: 75 Resp: 78279

Ion Ratio Lower Upper

75 100

110 35.5 17.3 52.0

77 32.3 24.6 37.0



#30

Carbon Tetrachloride

Concen: 5.224 ug/l

RT: 5.504 min Scan# 1295

Delta R.T. -0.010 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

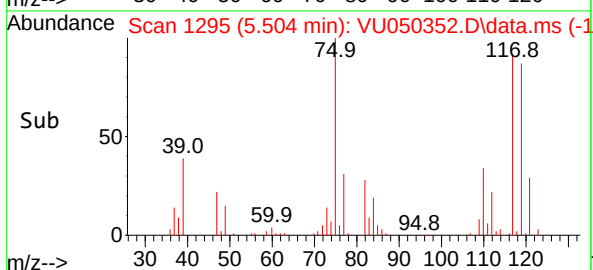
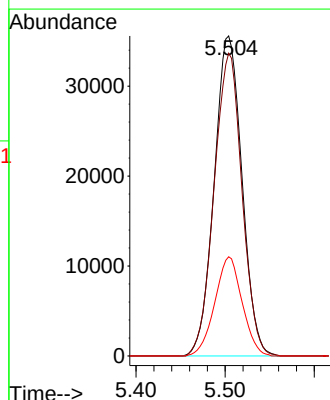
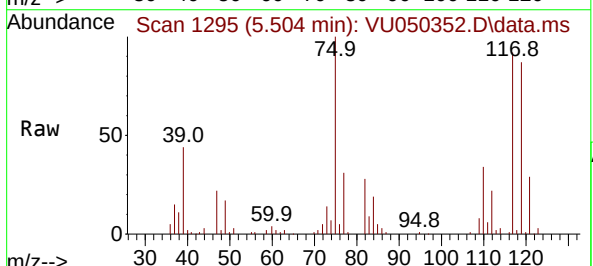
Tgt Ion: 117 Resp: 77044

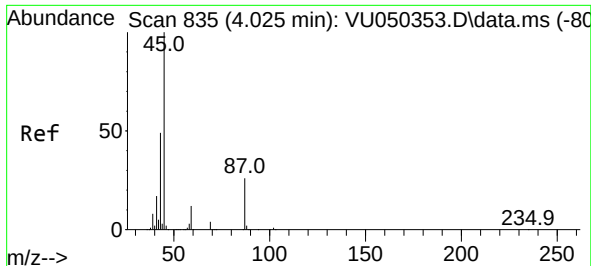
Ion Ratio Lower Upper

117 100

119 94.6 74.6 112.0

121 31.0 24.2 36.4

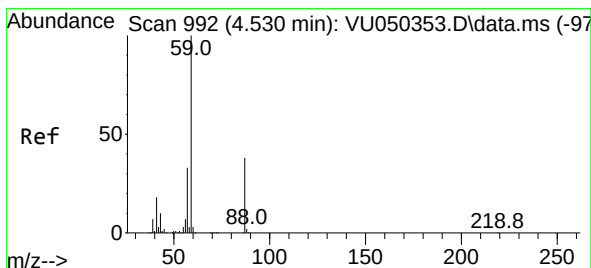
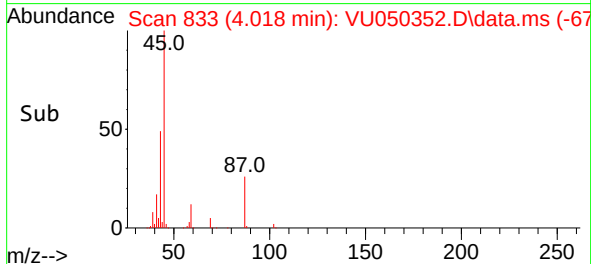
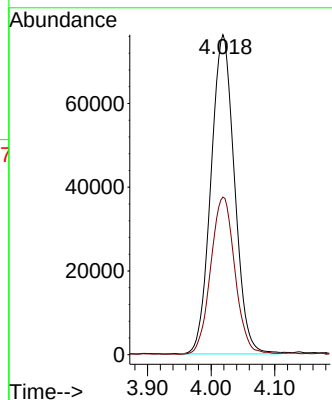
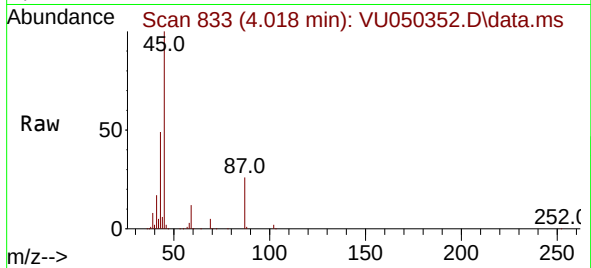




#31
Isopropyl Ether
Concen: 5.659 ug/l
RT: 4.018 min Scan# 81
Delta R.T. -0.006 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

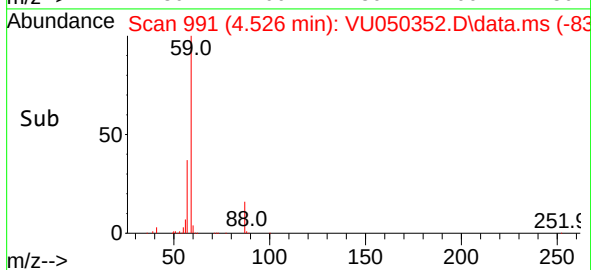
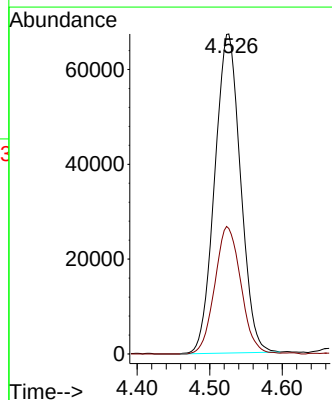
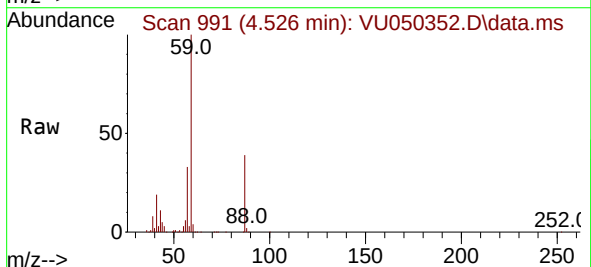
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

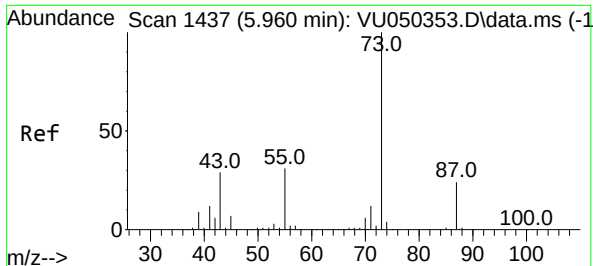
Tgt Ion: 45 Resp: 195869
Ion Ratio Lower Upper
45 100
43 50.6 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 5.079 ug/l
RT: 4.526 min Scan# 991
Delta R.T. -0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 59 Resp: 166370
Ion Ratio Lower Upper
59 100
87 40.0 32.5 48.7

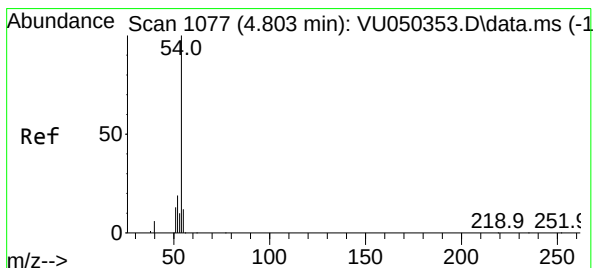
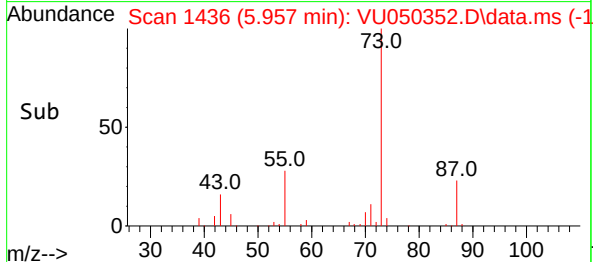
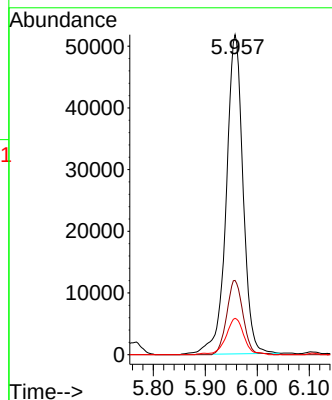
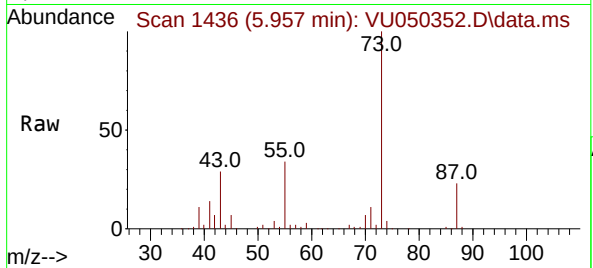




#33
Tert-Amyl methyl ether
Concen: 4.077 ug/l
RT: 5.957 min Scan# 1436
Delta R.T. -0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

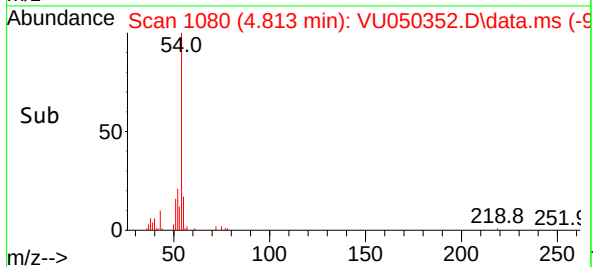
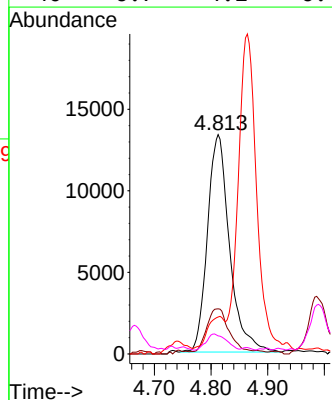
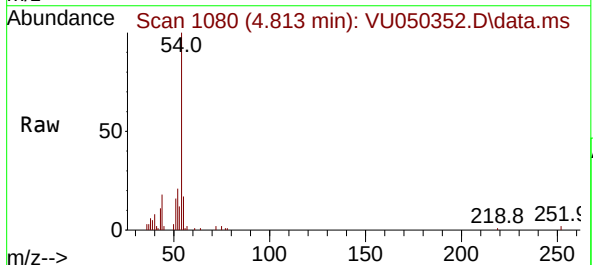
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

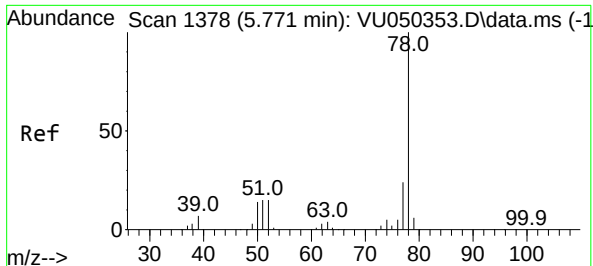
Tgt Ion: 73 Resp: 116130
Ion Ratio Lower Upper
73 100
87 22.6 19.7 29.5
71 11.4 9.0 13.4



#34
Propionitrile
Concen: 37.766 ug/l
RT: 4.813 min Scan# 1080
Delta R.T. 0.010 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 54 Resp: 36187
Ion Ratio Lower Upper
54 100
52 19.9 15.0 22.6
55 12.0 12.6 19.0#
40 6.7 4.2 6.4#

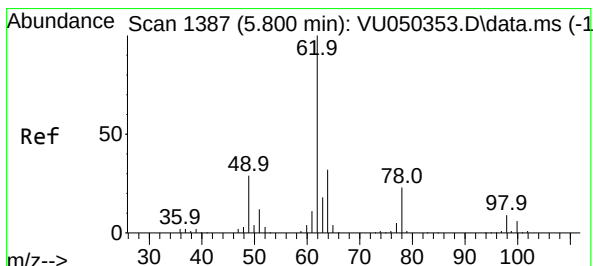
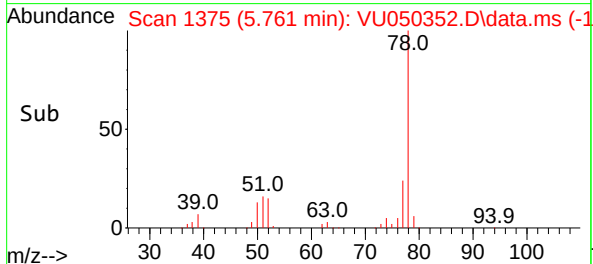
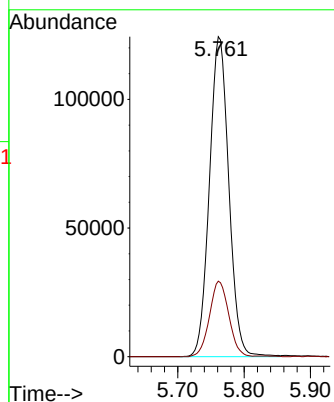
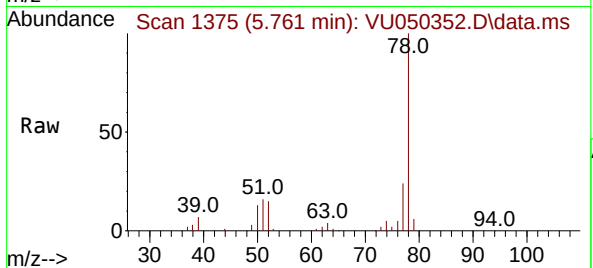




#35
Benzene
Concen: 5.665 ug/l
RT: 5.761 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

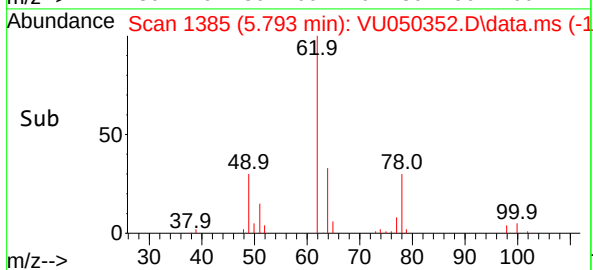
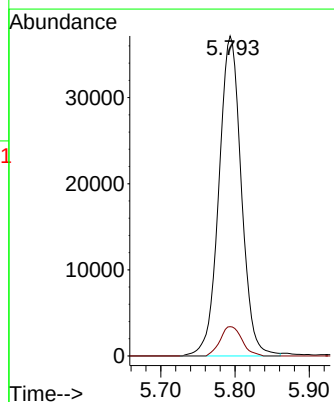
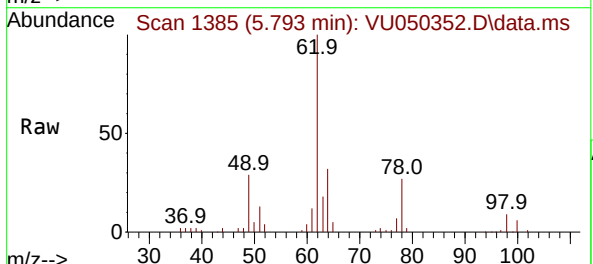
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

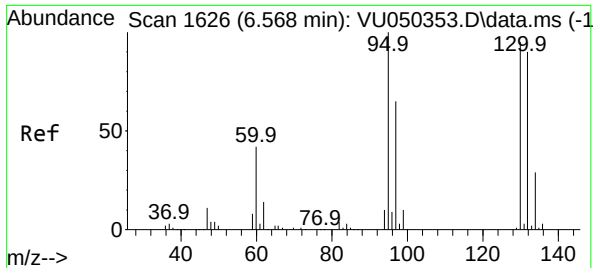
Tgt Ion: 78 Resp: 252445
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0



#36
1,2-Dichloroethane
Concen: 6.160 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 62 Resp: 78061
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0





#37

Trichloroethene

Concen: 5.295 ug/l

RT: 6.549 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

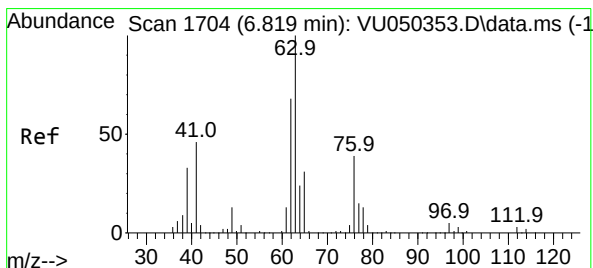
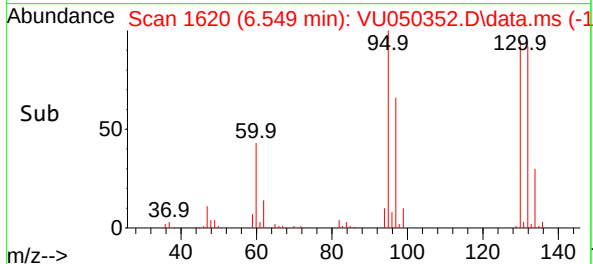
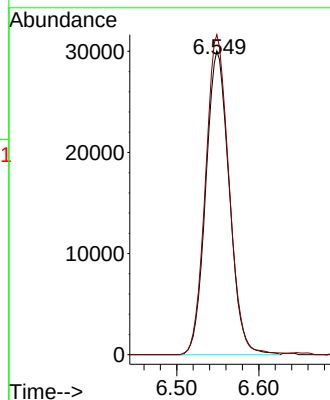
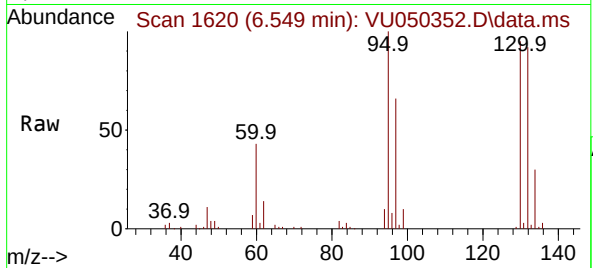
VSTDIC005

Tgt Ion:130 Resp: 59635

Ion Ratio Lower Upper

130 100

95 105.4 83.8 125.8



#38

1,2-Dichloropropane

Concen: 5.976 ug/l

RT: 6.816 min Scan# 1703

Delta R.T. -0.003 min

Lab File: VU050352.D

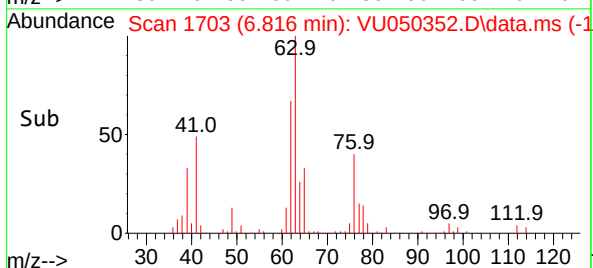
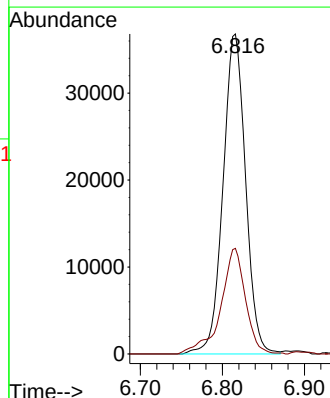
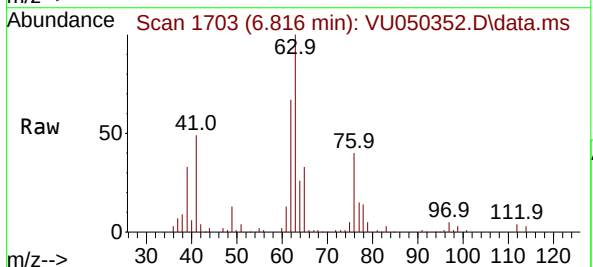
Acq: 17 Aug 2022 10:49

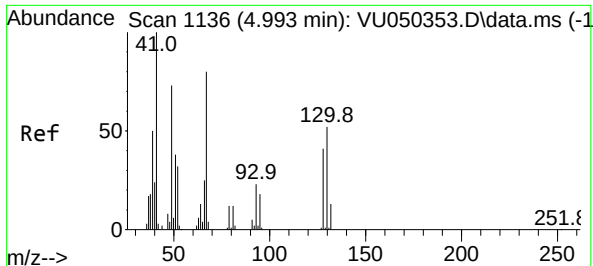
Tgt Ion: 63 Resp: 70506

Ion Ratio Lower Upper

63 100

65 32.7 25.0 37.4





#39

Methacrylonitrile

Concen: 6.266 ug/l

RT: 4.989 min Scan# 1135

Delta R.T. -0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 25722

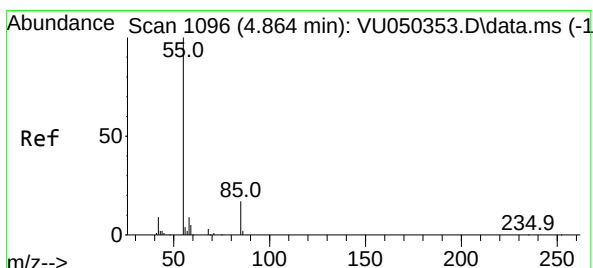
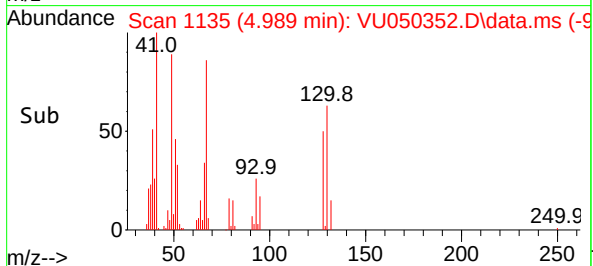
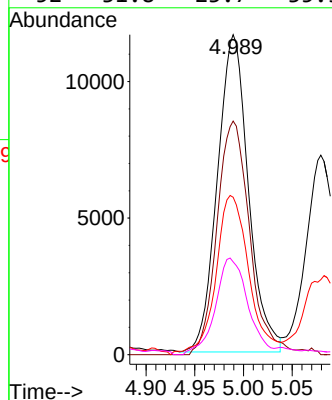
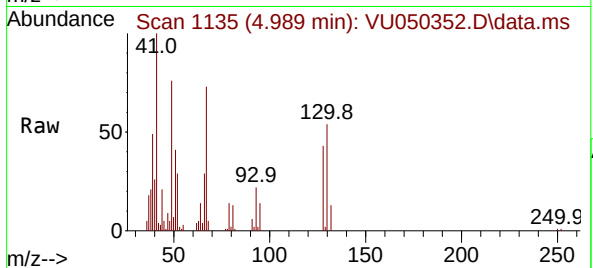
Ion Ratio Lower Upper

41 100

67 77.5 59.4 89.0

39 53.4 42.2 63.2

52 31.8 23.7 35.5



#40

Methyl acrylate

Concen: 6.568 ug/l

RT: 4.864 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Tgt Ion: 55 Resp: 42230

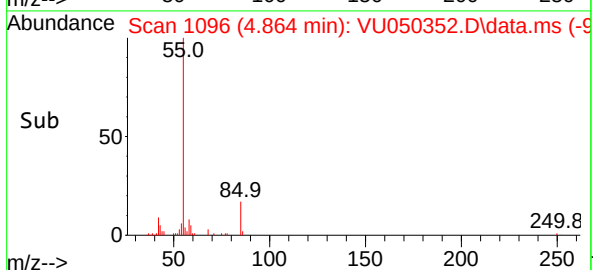
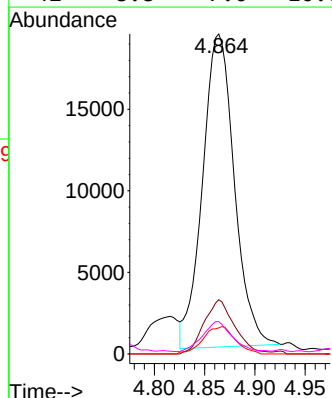
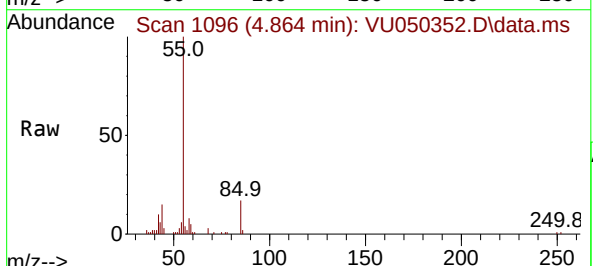
Ion Ratio Lower Upper

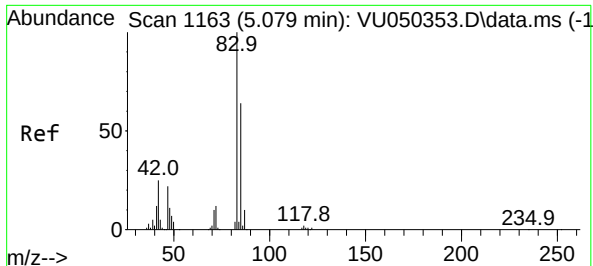
55 100

85 16.6 13.5 20.3

58 8.7 7.0 10.4

42 8.8 7.0 10.6





#41

Tetrahydrofuran

Concen: 11.105 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

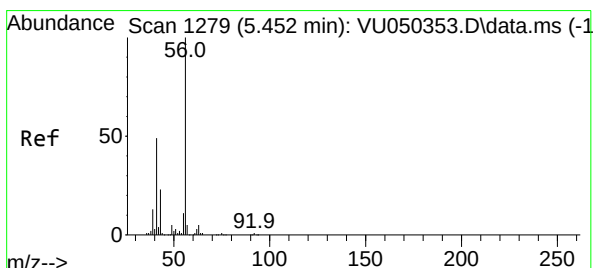
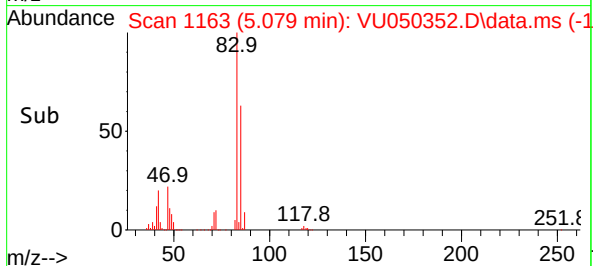
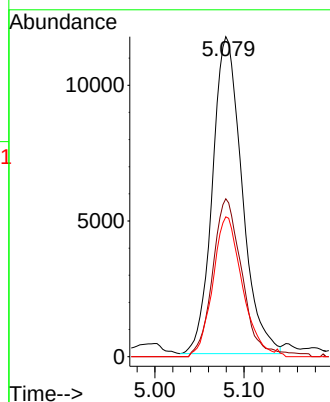
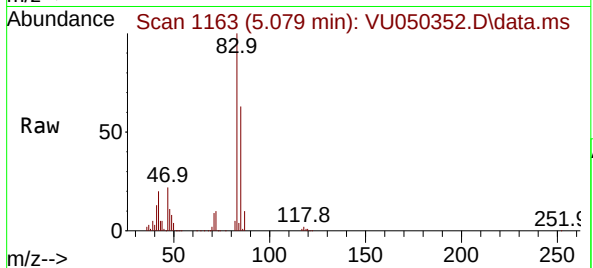
Tgt Ion: 42 Resp: 26951

Ion Ratio Lower Upper

42 100

72 49.7 38.9 58.3

71 44.1 33.7 50.5



#42

1-Chlorobutane

Concen: 5.433 ug/l

RT: 5.443 min Scan# 1276

Delta R.T. -0.010 min

Lab File: VU050352.D

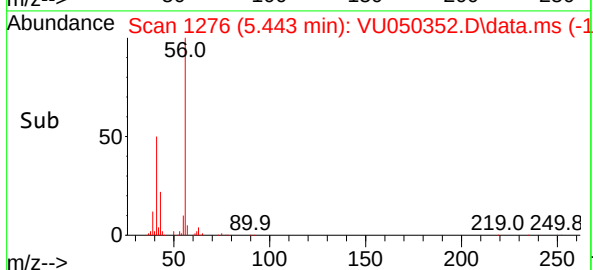
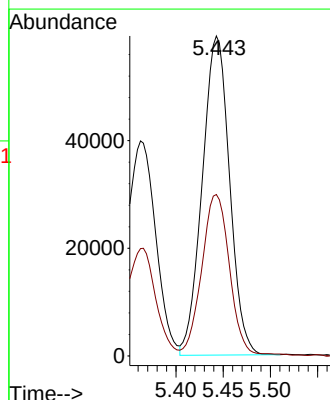
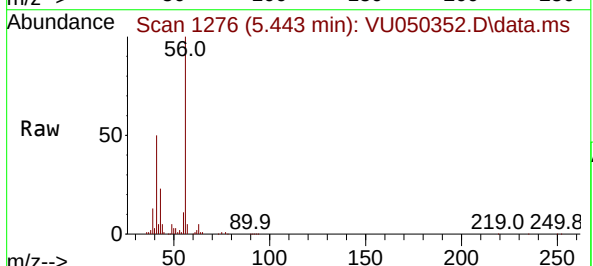
Acq: 17 Aug 2022 10:49

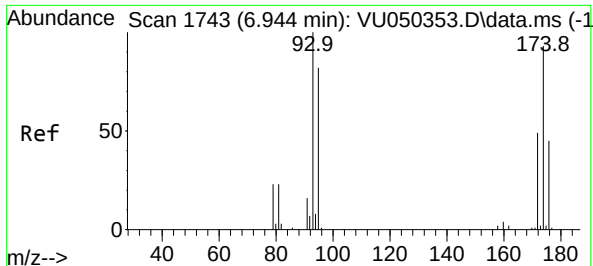
Tgt Ion: 56 Resp: 119162

Ion Ratio Lower Upper

56 100

41 50.9 26.4 79.2

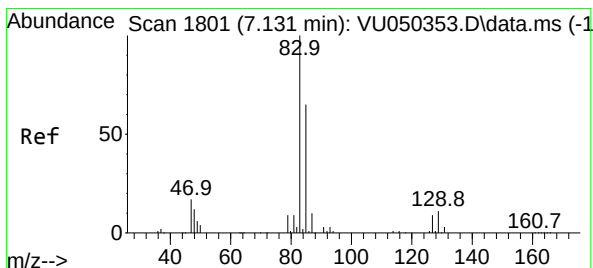
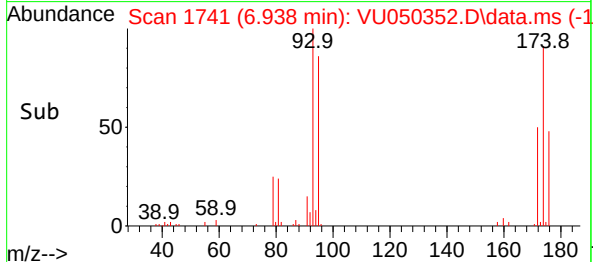
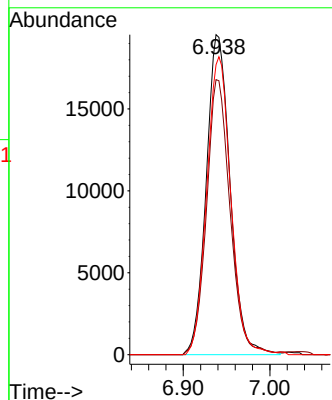
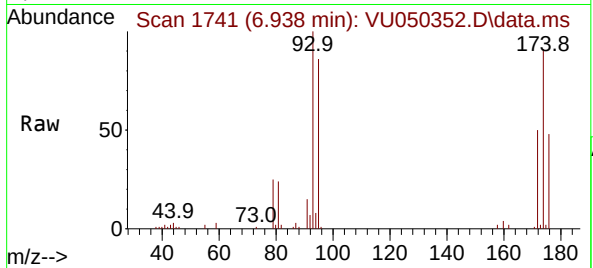




#43
Dibromomethane
Concen: 6.380 ug/l
RT: 6.938 min Scan# 1741
Delta R.T. -0.006 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

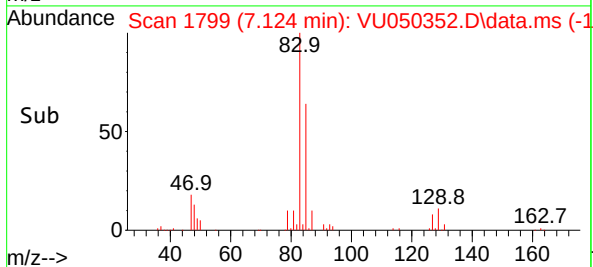
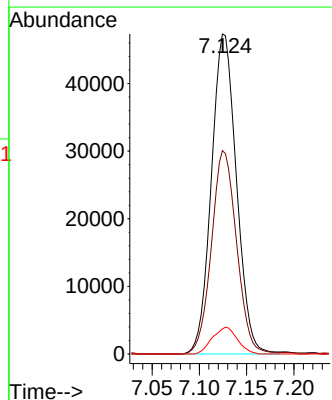
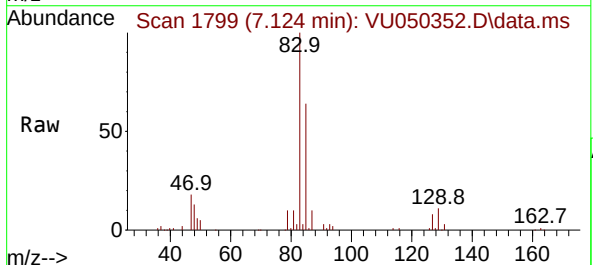
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

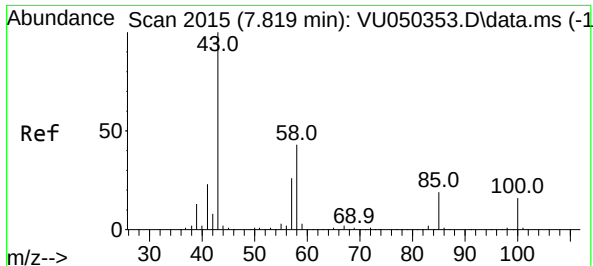
Tgt Ion: 93 Resp: 37505
Ion Ratio Lower Upper
93 100
95 84.7 65.0 97.6
174 93.8 76.3 114.5



#44
Bromodichloromethane
Concen: 6.197 ug/l
RT: 7.124 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 83 Resp: 87323
Ion Ratio Lower Upper
83 100
85 63.6 49.4 74.0
127 7.9 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 26.048 ug/l

RT: 7.819 min Scan# 2015

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

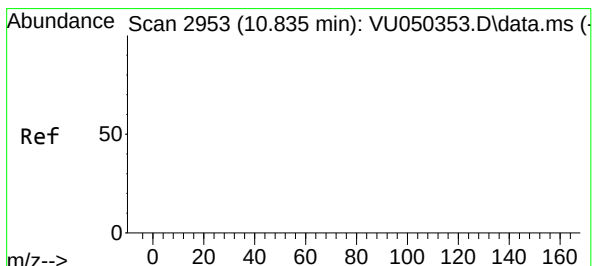
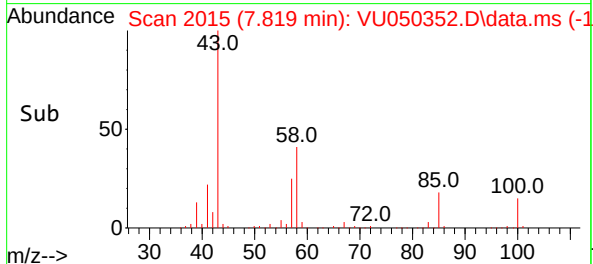
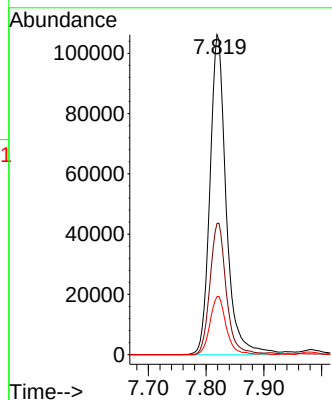
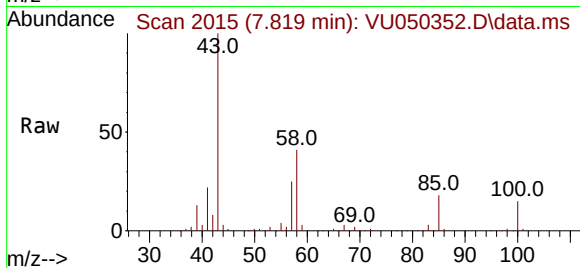
Tgt Ion: 43 Resp: 207830

Ion Ratio Lower Upper

43 100

58 41.2 20.3 61.0

85 18.0 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 11.138 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Tgt Ion: 75 Resp: 28920

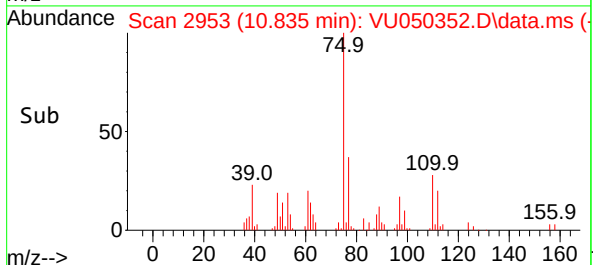
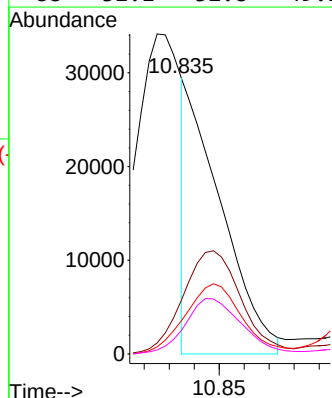
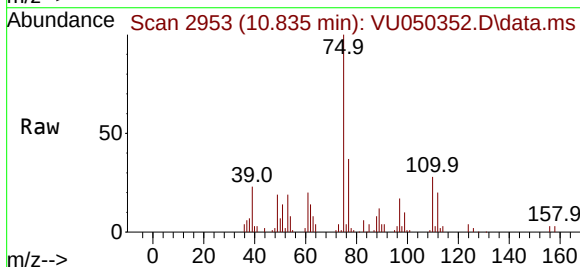
Ion Ratio Lower Upper

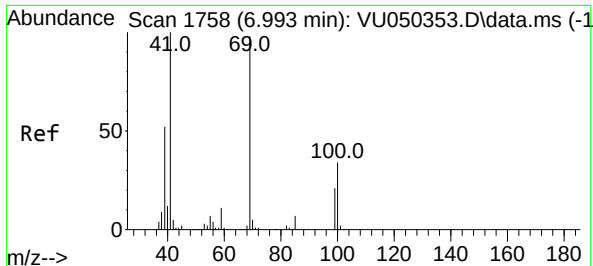
75 100

53 61.9 64.4 96.6#

89 41.3 44.2 66.2#

88 32.1 32.8 49.2#





#47

Methyl methacrylate

Concen: 10.703 ug/l

RT: 6.993 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 63449

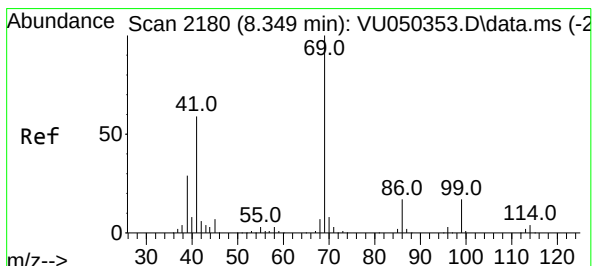
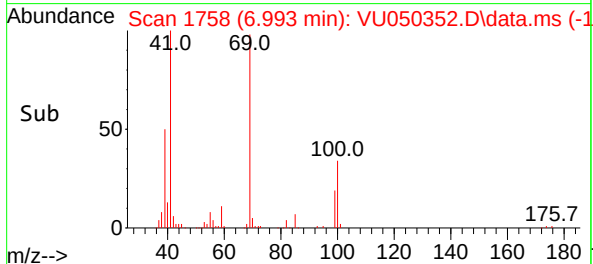
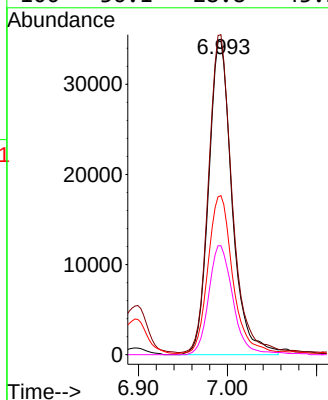
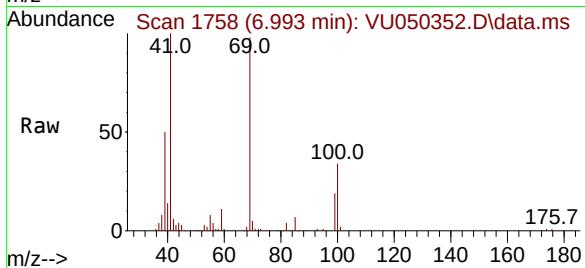
Ion Ratio Lower Upper

69 100

41 102.8 0.0 225.4

39 53.3 45.8 68.8

100 36.1 28.8 43.2



#48

Ethyl methacrylate

Concen: 4.701 ug/l

RT: 8.349 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VU050352.D

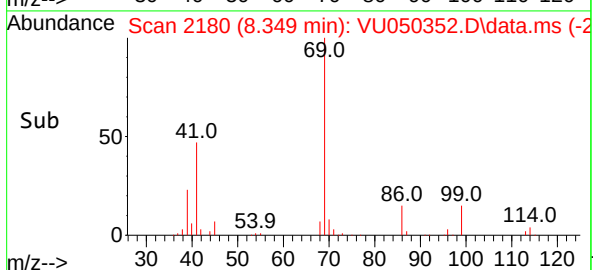
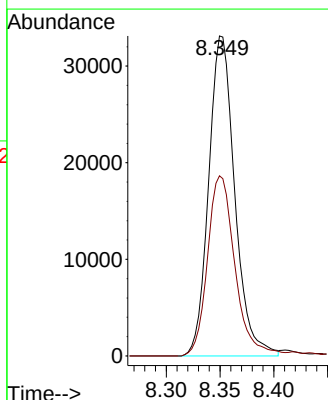
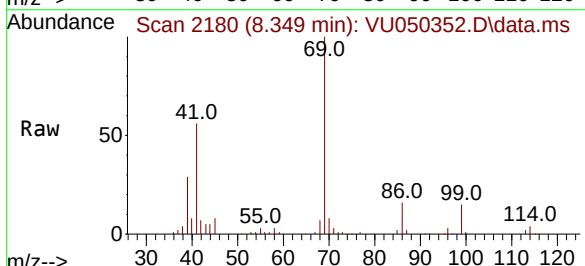
Acq: 17 Aug 2022 10:49

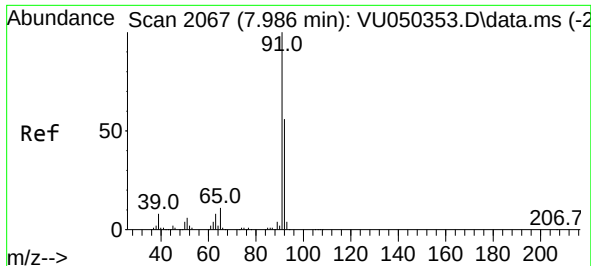
Tgt Ion: 69 Resp: 55910

Ion Ratio Lower Upper

69 100

41 59.1 32.3 96.9





#49

Toluene

Concen: 5.519 ug/l

RT: 7.983 min Scan# 2066

Delta R.T. -0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

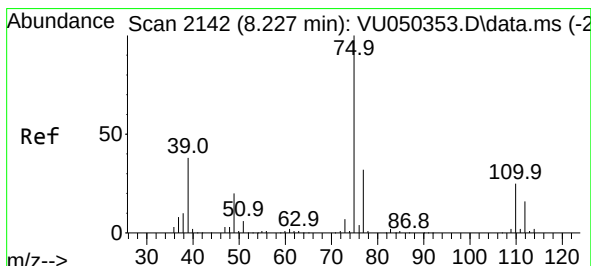
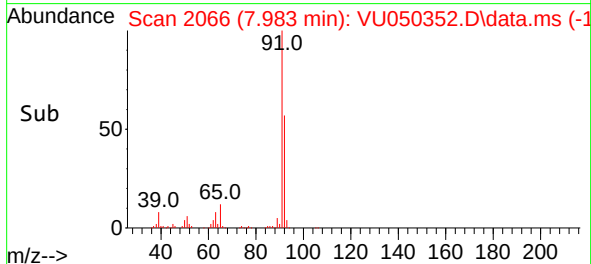
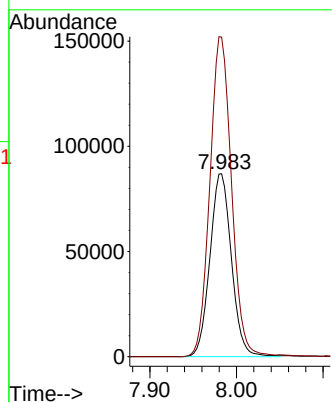
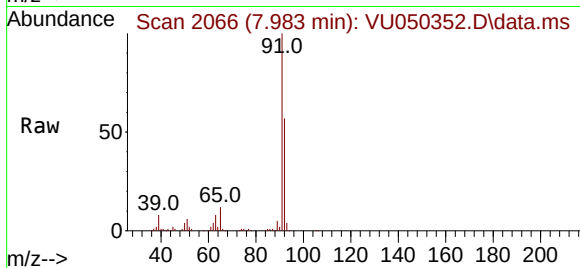
VSTDIC005

Tgt Ion: 92 Resp: 150198

Ion Ratio Lower Upper

92 100

91 175.7 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 5.375 ug/l

RT: 8.224 min Scan# 2141

Delta R.T. -0.003 min

Lab File: VU050352.D

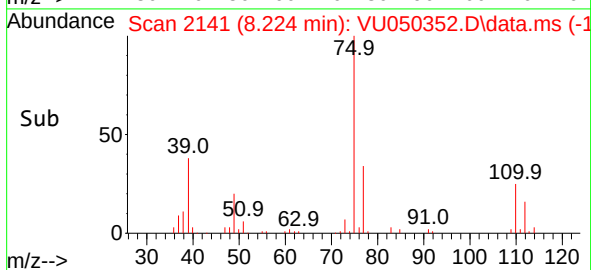
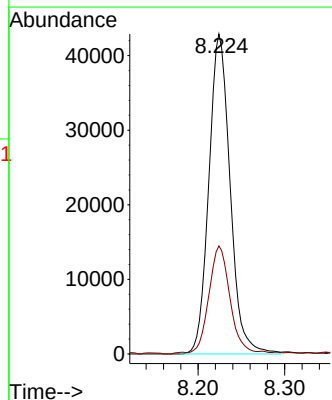
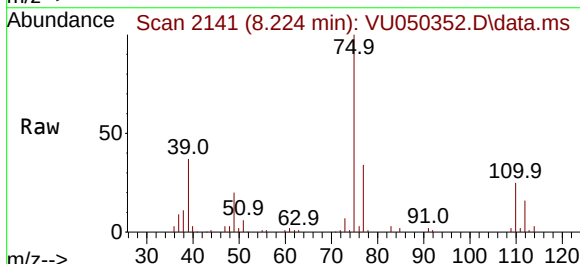
Acq: 17 Aug 2022 10:49

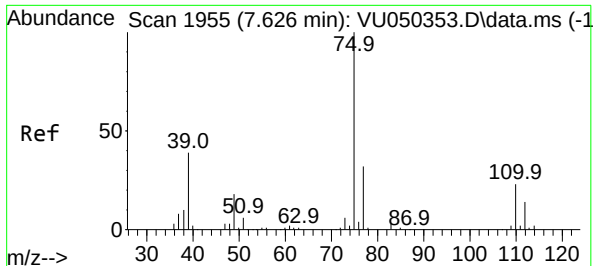
Tgt Ion: 75 Resp: 73154

Ion Ratio Lower Upper

75 100

77 33.3 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 5.206 ug/l

RT: 7.623 min Scan# 1954

Delta R.T. -0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

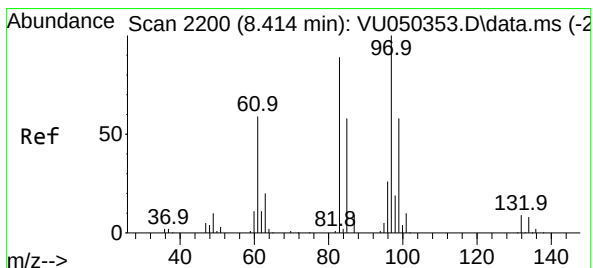
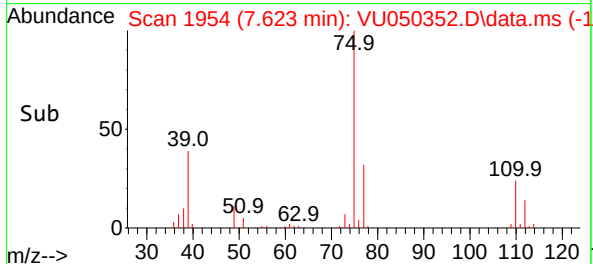
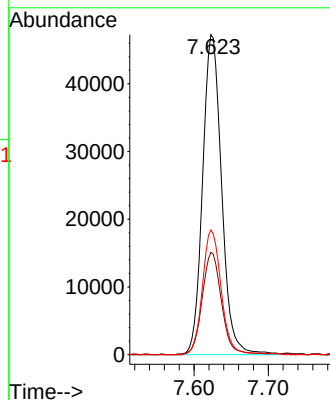
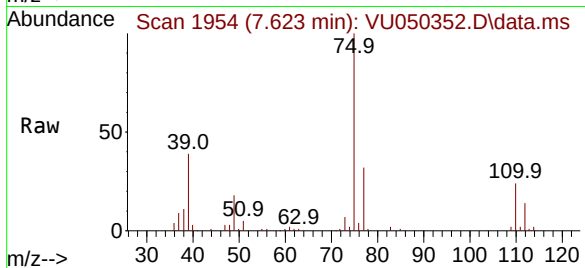
Tgt Ion: 75 Resp: 83962

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 39.0 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 6.980 ug/l

RT: 8.414 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Tgt Ion: 97 Resp: 56634

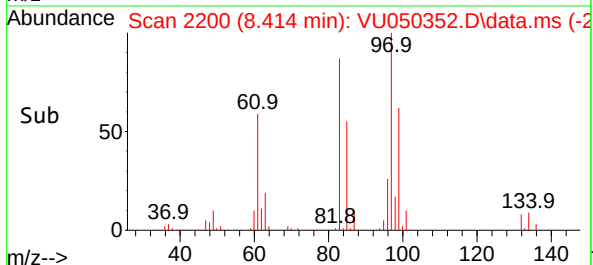
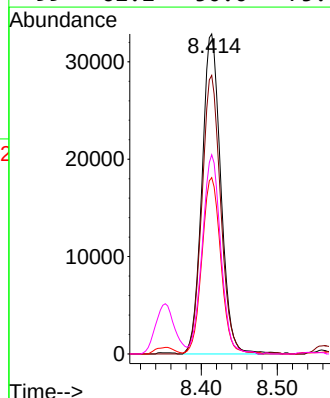
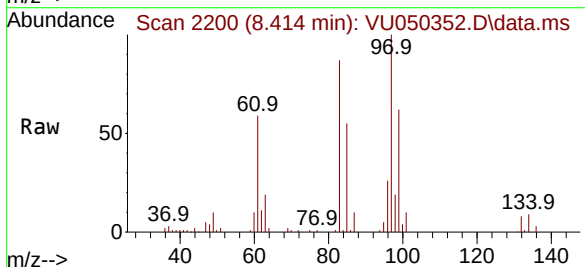
Ion Ratio Lower Upper

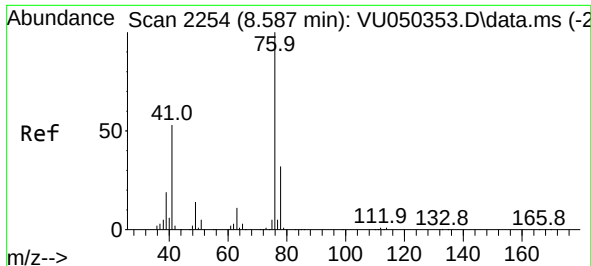
97 100

83 87.1 70.6 106.0

85 55.1 46.2 69.4

99 62.2 50.0 75.0





#53

1,3-Dichloropropane

Concen: 6.213 ug/l

RT: 8.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

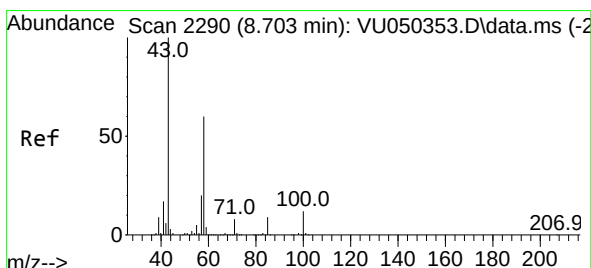
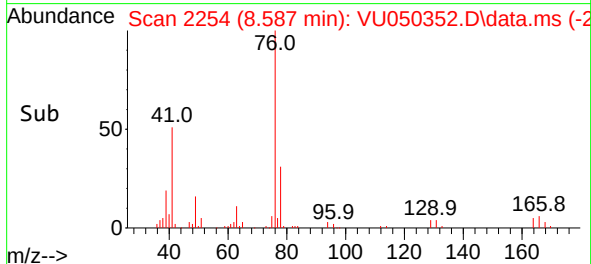
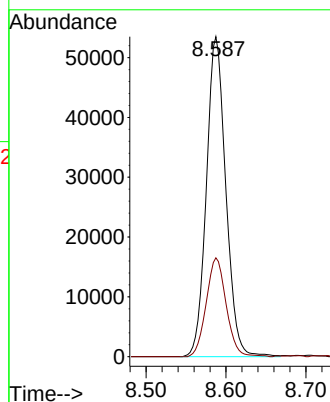
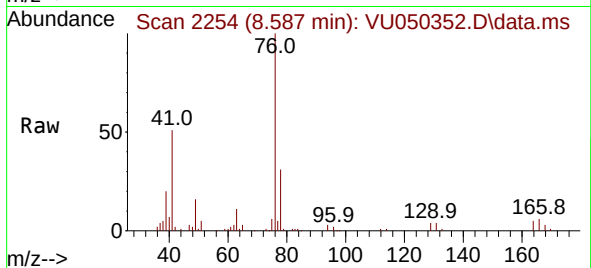
VSTDIC005

Tgt Ion: 76 Resp: 90476

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#54

2-Hexanone

Concen: 26.126 ug/l

RT: 8.703 min Scan# 2290

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

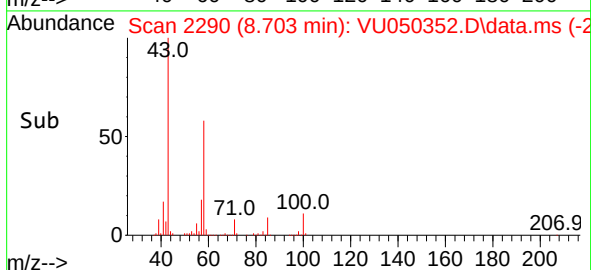
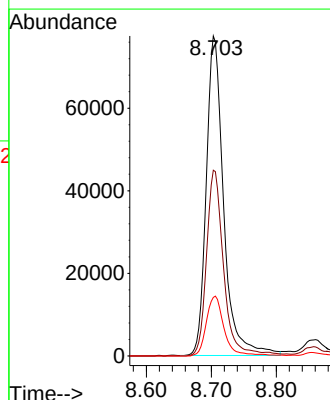
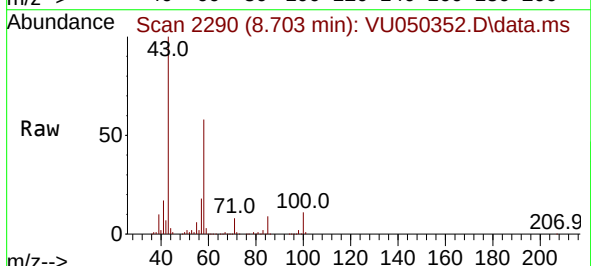
Tgt Ion: 43 Resp: 144772

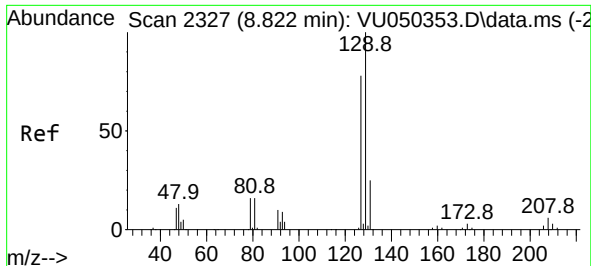
Ion Ratio Lower Upper

43 100

58 56.3 37.1 77.1

57 18.8 0.0 39.5





#55

Dibromochloromethane

Concen: 6.344 ug/l

RT: 8.819 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

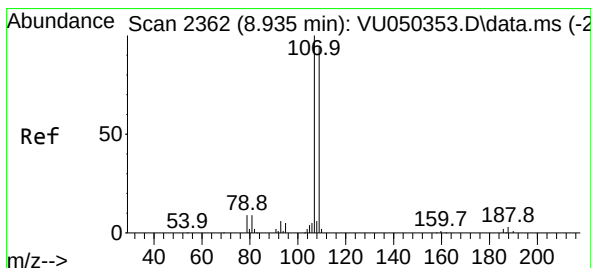
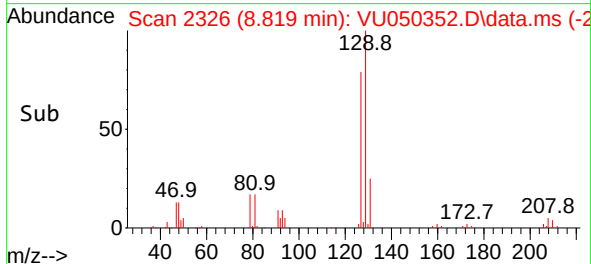
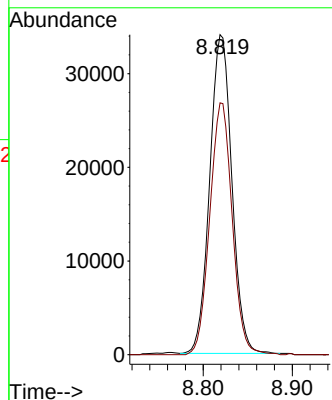
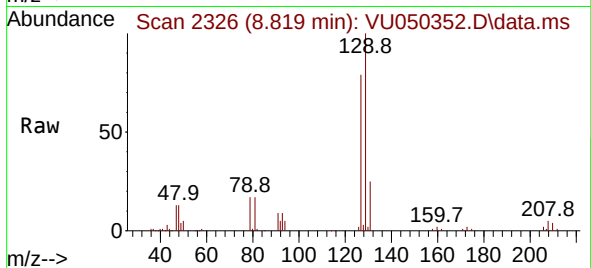
VSTDIC005

Tgt Ion:129 Resp: 58793

Ion Ratio Lower Upper

129 100

127 80.0 61.2 91.8



#56

1,2-Dibromoethane

Concen: 6.377 ug/l

RT: 8.935 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VU050352.D

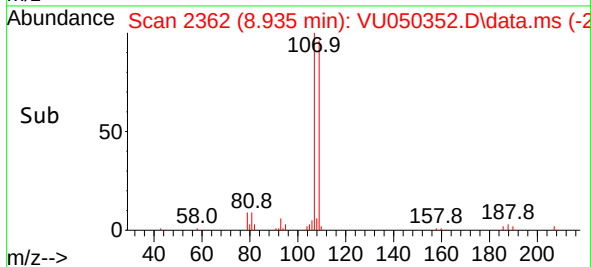
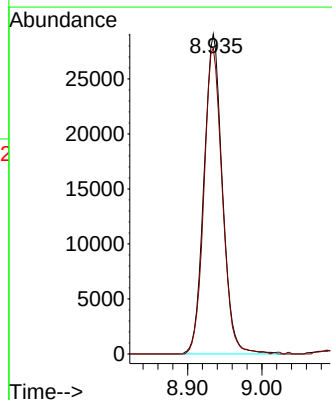
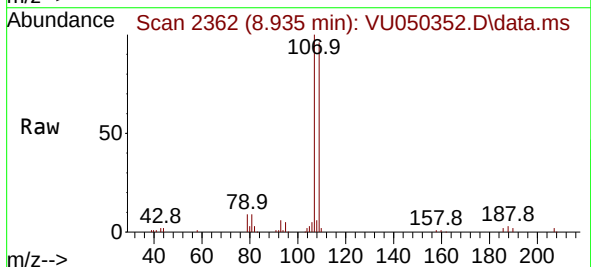
Acq: 17 Aug 2022 10:49

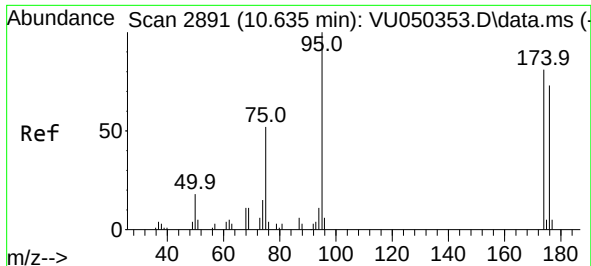
Tgt Ion:107 Resp: 50099

Ion Ratio Lower Upper

107 100

109 95.0 0.0 187.2

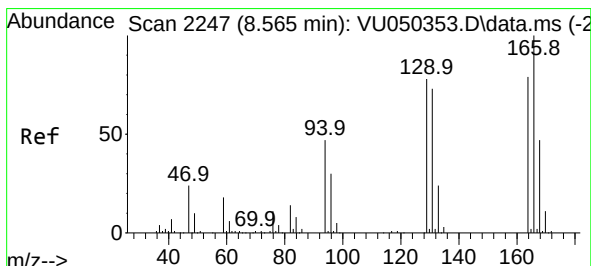
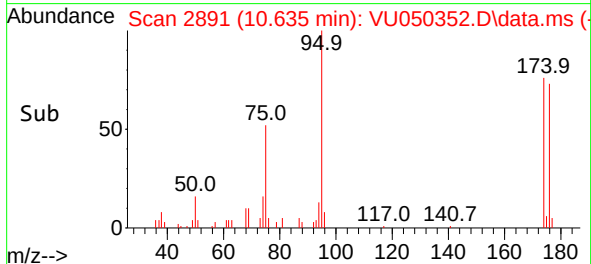
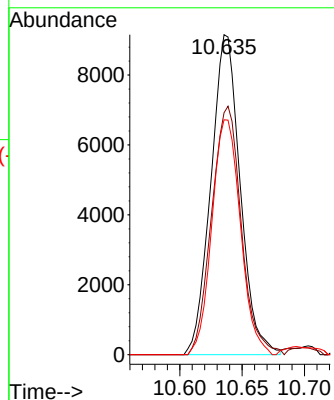
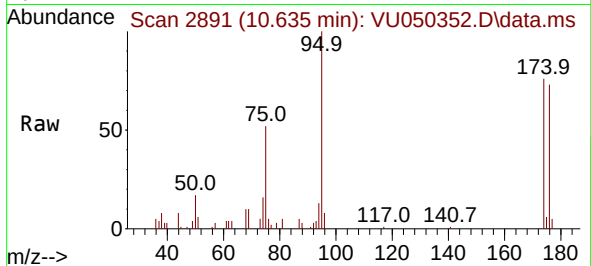




#57
4-Bromofluorobenzene
Concen: 0.999 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

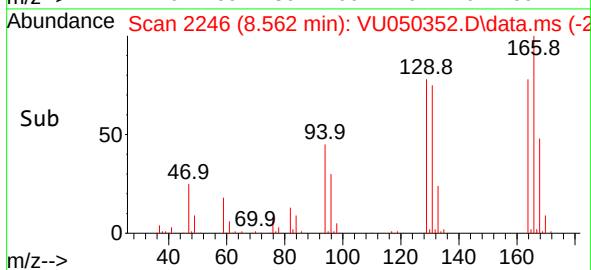
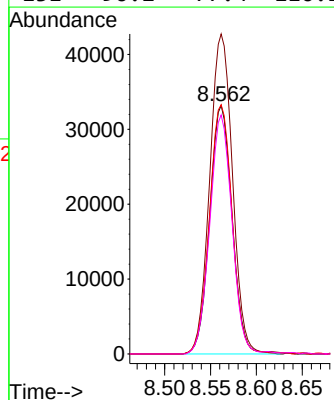
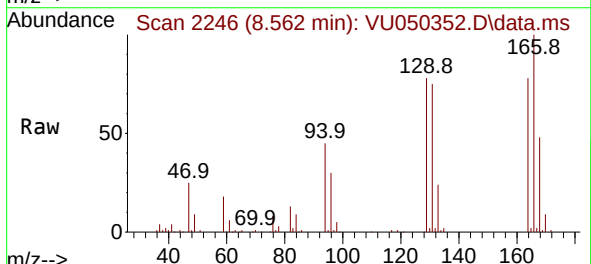
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

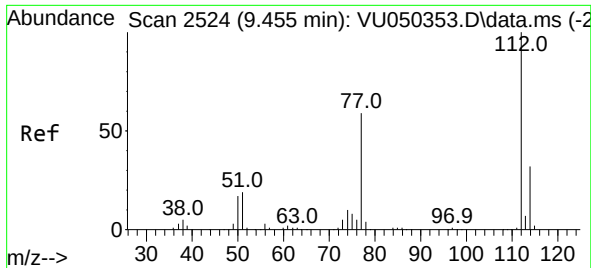
Tgt Ion: 95 Resp: 14994
Ion Ratio Lower Upper
95 100
174 78.3 62.4 93.6
176 71.5 56.2 84.2



#58
Tetrachloroethene
Concen: 6.013 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 164 Resp: 56313
Ion Ratio Lower Upper
164 100
166 128.8 102.4 153.6
129 100.3 79.5 119.3
131 96.2 77.4 116.2





#59

Chlorobenzene

Concen: 5.475 ug/l

RT: 9.452 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

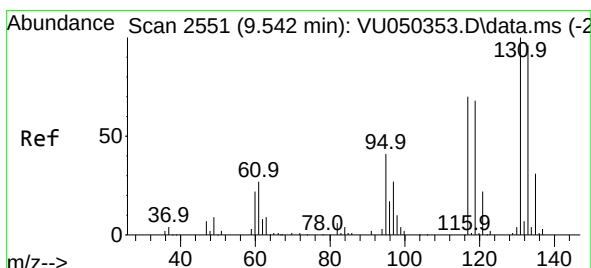
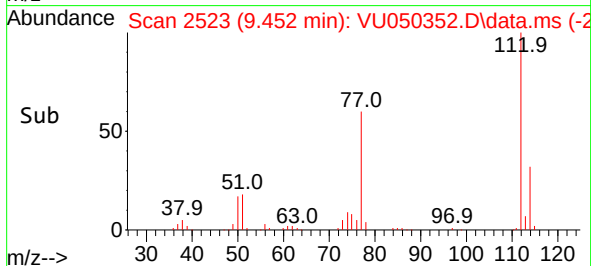
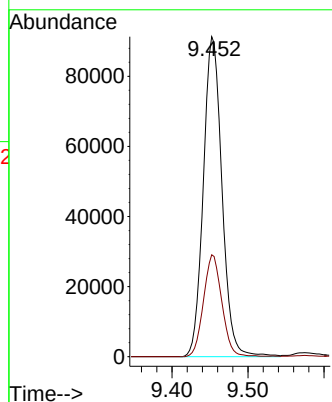
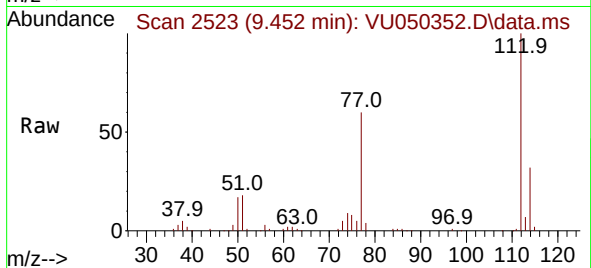
VSTDIC005

Tgt Ion:112 Resp: 155875

Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 6.001 ug/l

RT: 9.539 min Scan# 2550

Delta R.T. -0.003 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

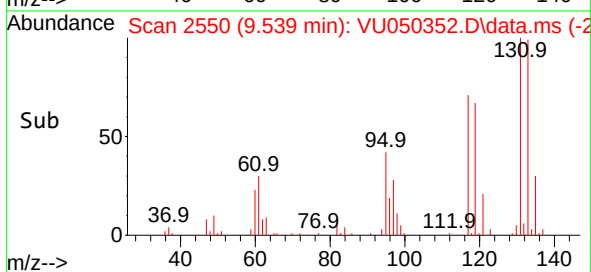
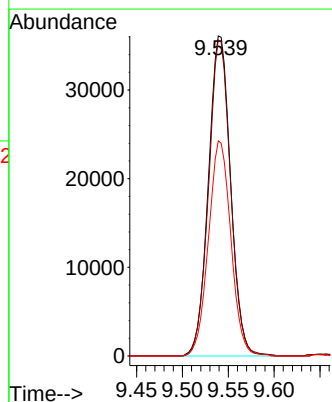
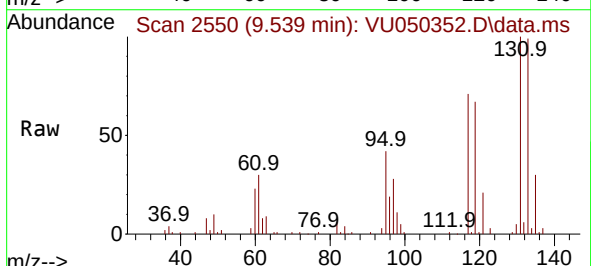
Tgt Ion:131 Resp: 60775

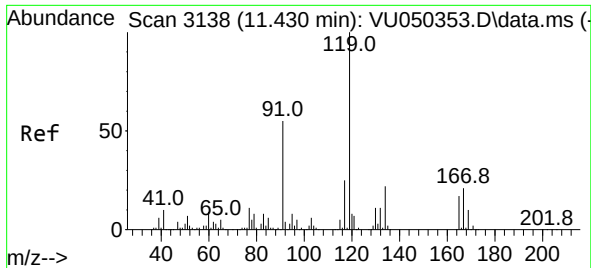
Ion Ratio Lower Upper

131 100

133 98.0 78.3 117.5

119 67.9 53.2 79.8

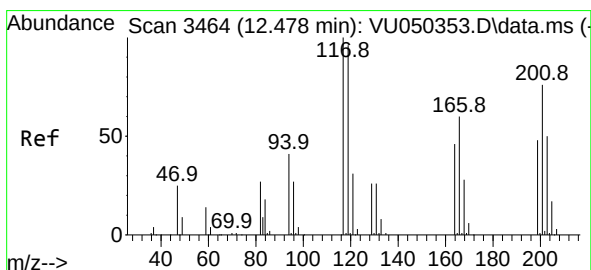
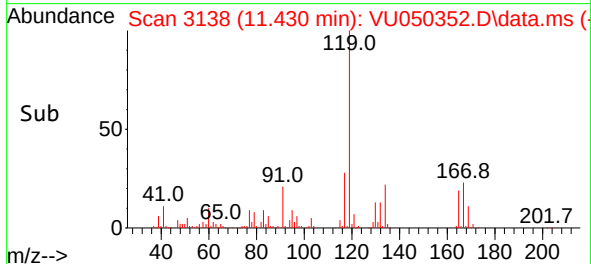
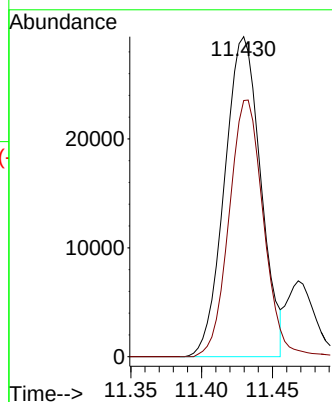
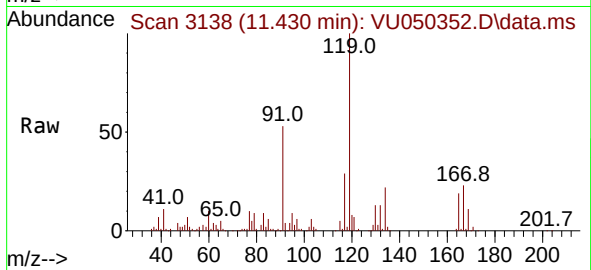




#61
 Pentachloroethane
 Concen: 6.729 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU050352.D
 Acq: 17 Aug 2022 10:49

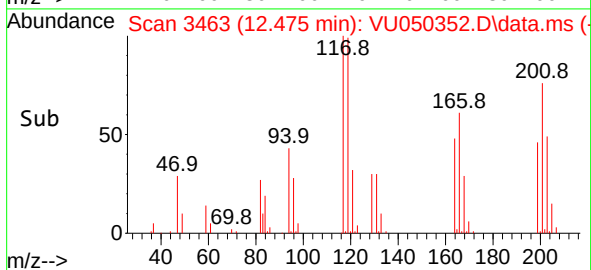
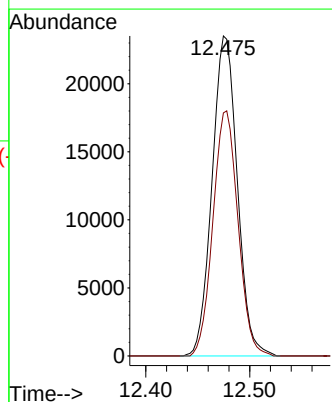
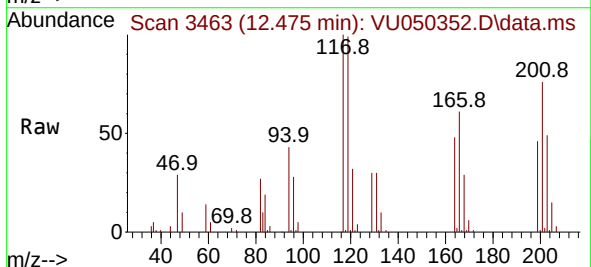
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

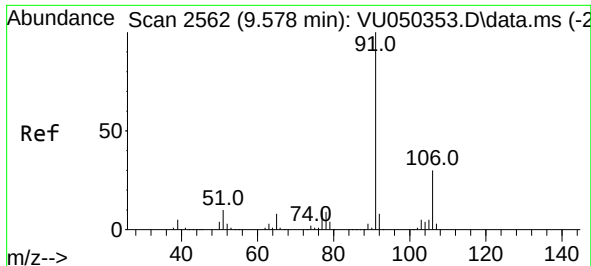
Tgt Ion:117 Resp: 52318
 Ion Ratio Lower Upper
 117 100
 167 76.3 66.2 99.4



#62
 Hexachloroethane
 Concen: 5.105 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.003 min
 Lab File: VU050352.D
 Acq: 17 Aug 2022 10:49

Tgt Ion:117 Resp: 39755
 Ion Ratio Lower Upper
 117 100
 201 75.9 61.0 91.4

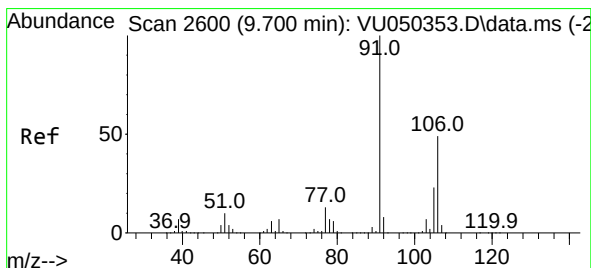
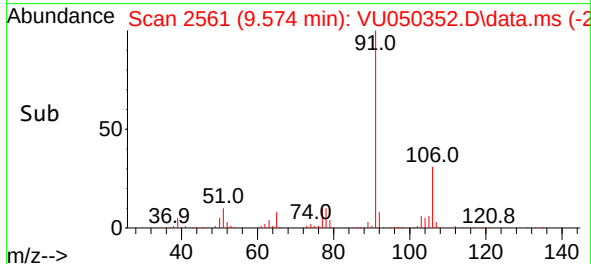
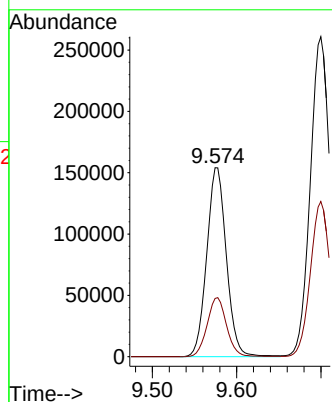
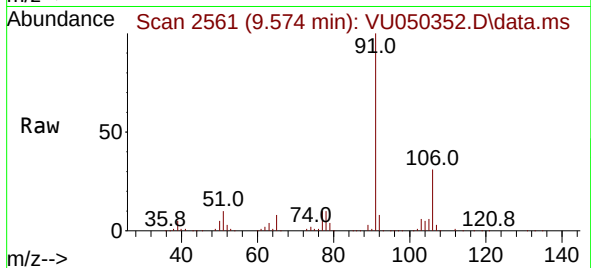




#63
Ethyl Benzene
Concen: 4.876 ug/l
RT: 9.574 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

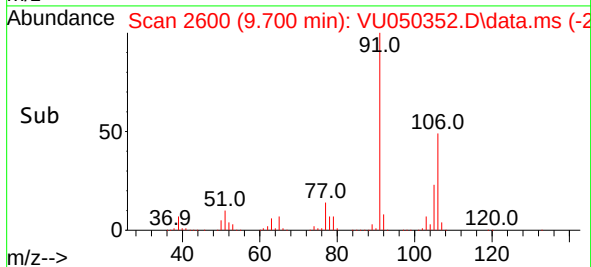
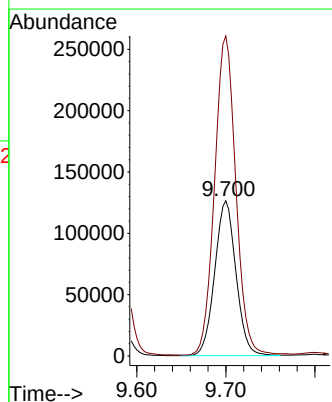
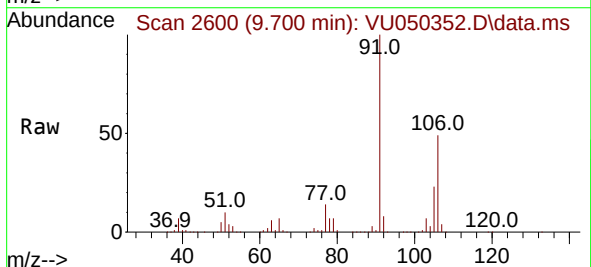
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

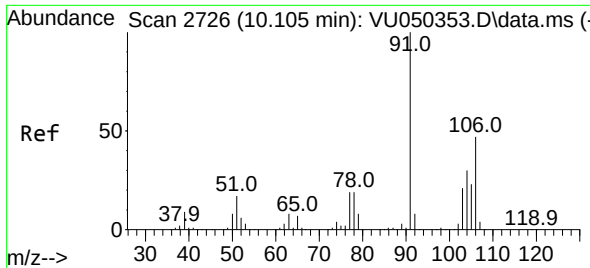
Tgt Ion: 91 Resp: 249867
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6



#64
m/p-Xylenes
Concen: 11.049 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion:106 Resp: 209439
Ion Ratio Lower Upper
106 100
91 206.1 167.8 251.6

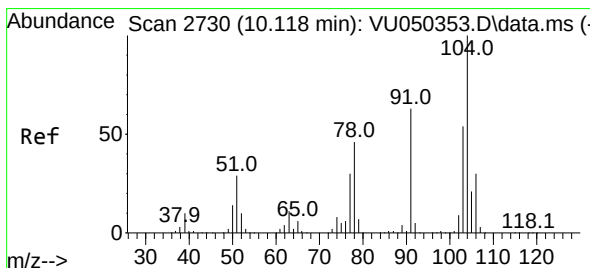
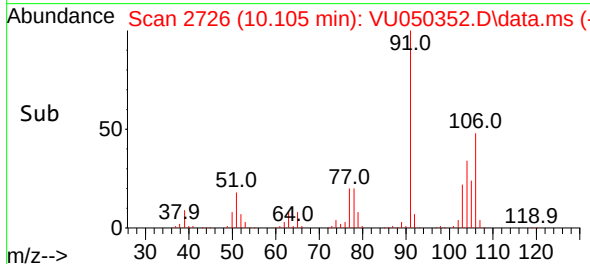
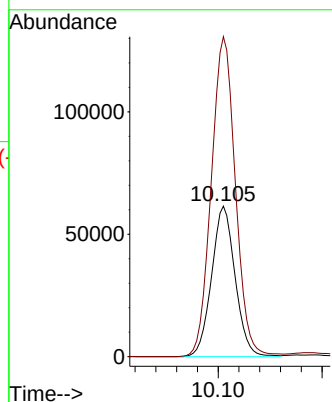
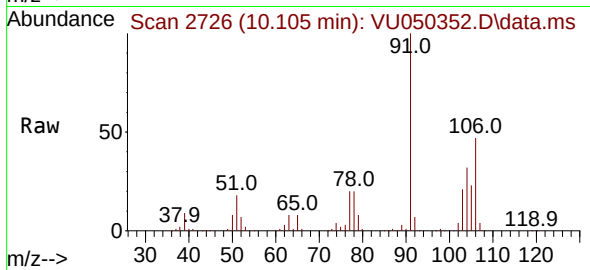




#65
o-Xylene
Concen: 5.188 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

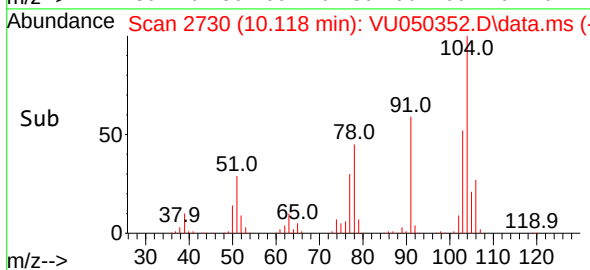
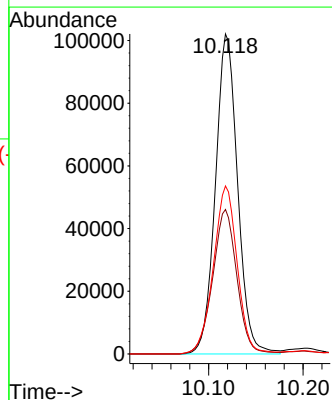
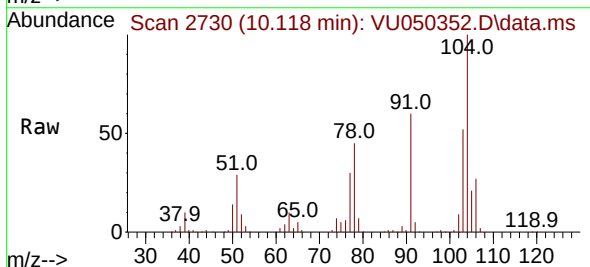
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

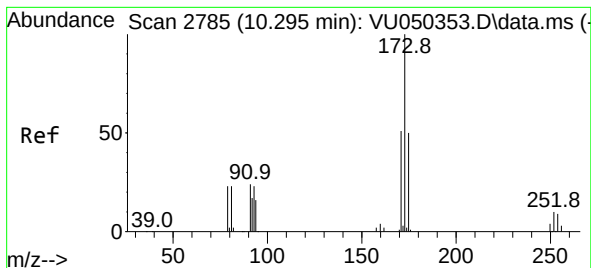
Tgt Ion:106 Resp: 96652
Ion Ratio Lower Upper
106 100
91 218.4 111.1 333.2



#66
Styrene
Concen: 5.568 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion:104 Resp: 166669
Ion Ratio Lower Upper
104 100
78 49.2 42.1 63.1
103 56.3 44.5 66.7





#67

Bromoform

Concen: 6.567 ug/l

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

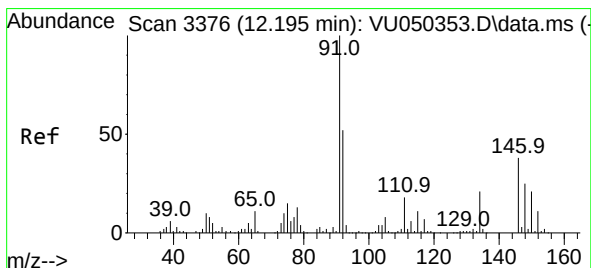
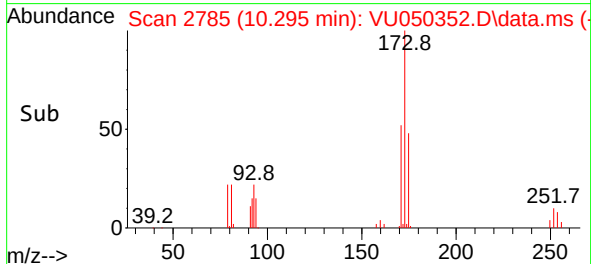
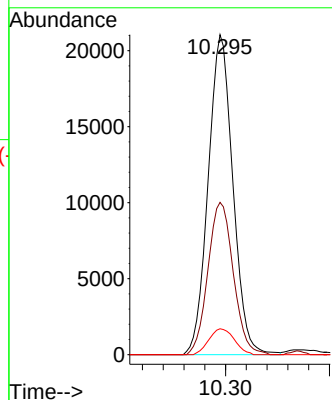
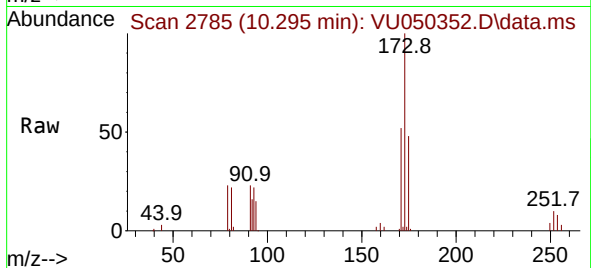
Tgt Ion:173 Resp: 34728

Ion Ratio Lower Upper

173 100

175 49.0 38.4 57.6

254 8.3 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.183 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

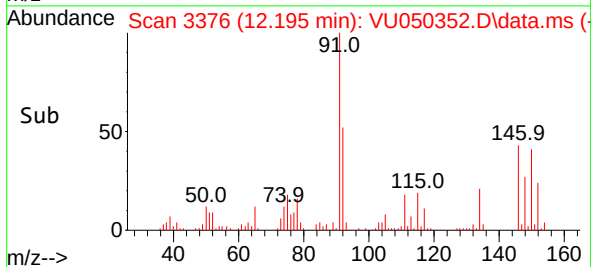
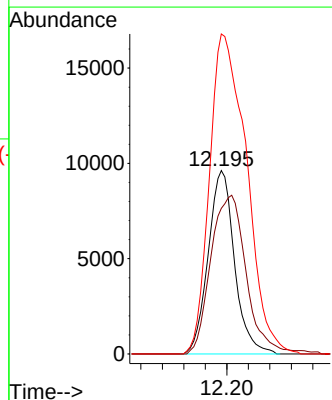
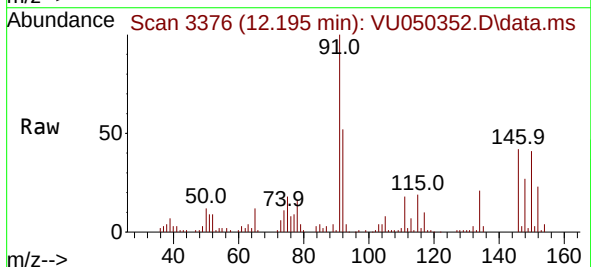
Tgt Ion:152 Resp: 16349

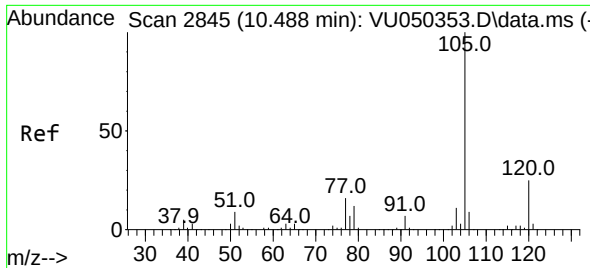
Ion Ratio Lower Upper

152 100

115 116.8 0.0 254.6

150 244.8 0.0 623.6

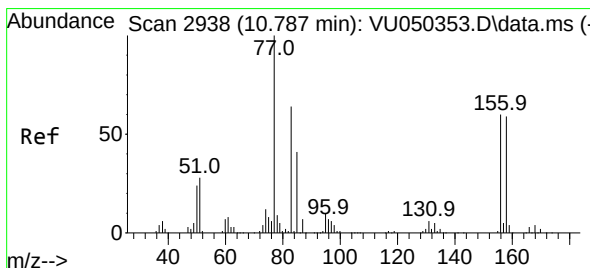
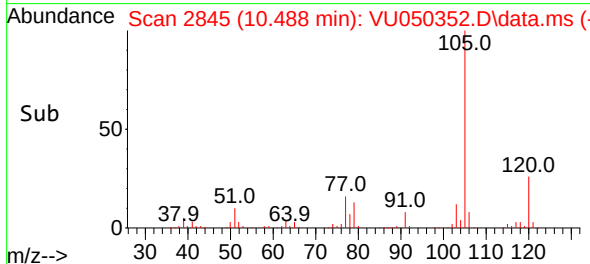
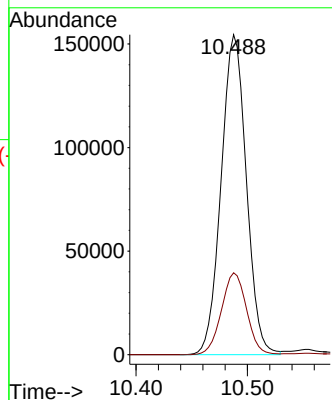
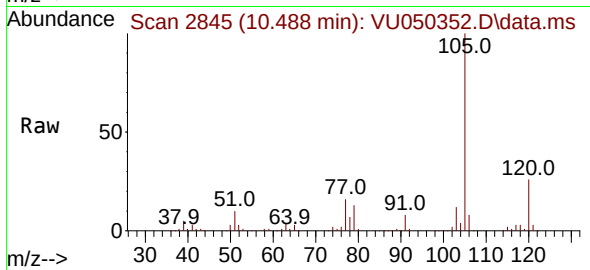




#69
Isopropylbenzene
Concen: 4.881 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

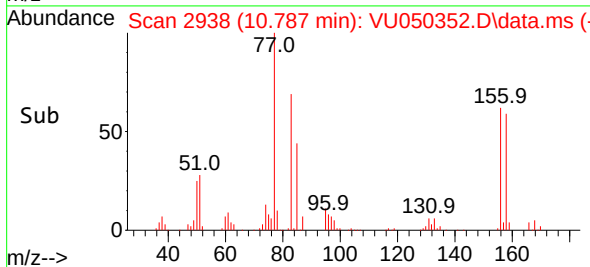
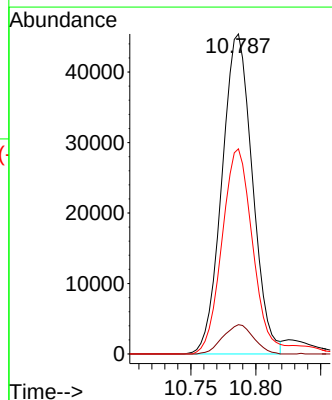
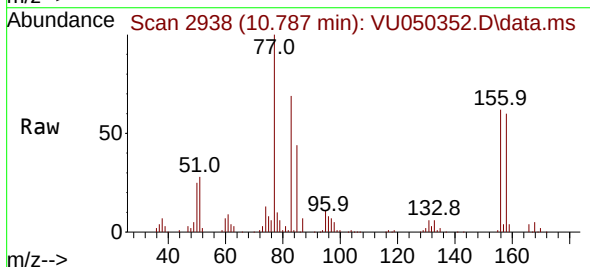
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

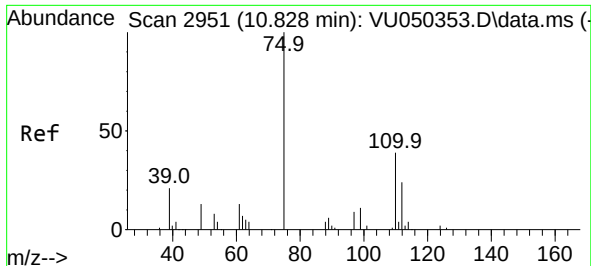
Tgt Ion:105 Resp: 242900
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 7.028 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 83 Resp: 74074
Ion Ratio Lower Upper
83 100
131 9.2 7.7 11.5
85 67.2 51.2 76.8

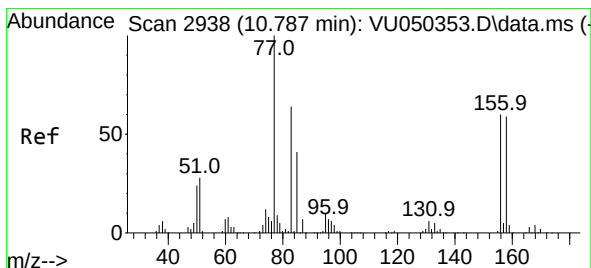
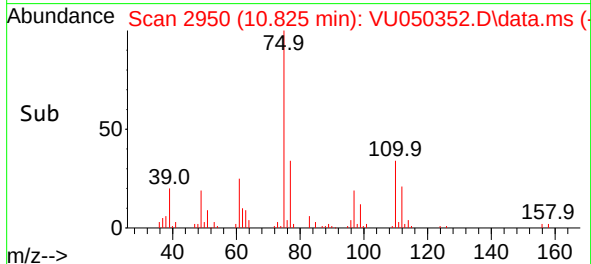
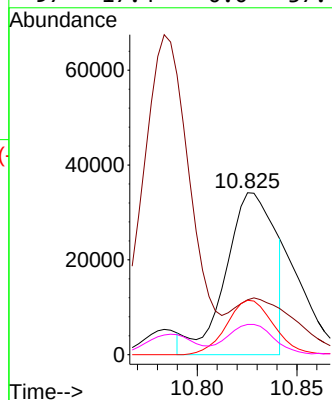
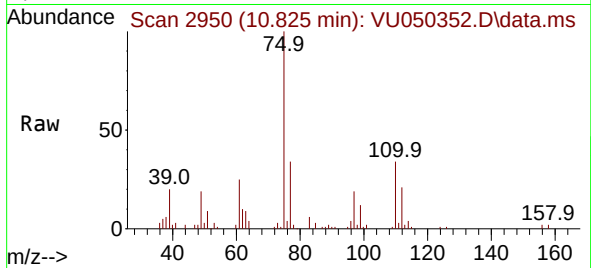




#71
1,2,3-Trichloropropane
Concen: 6.645 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

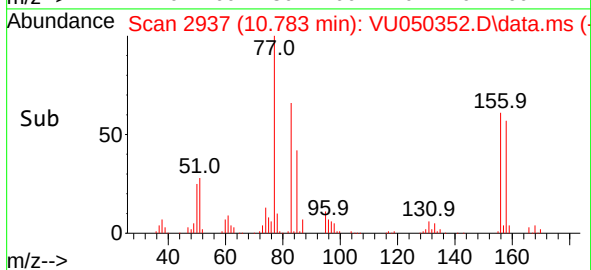
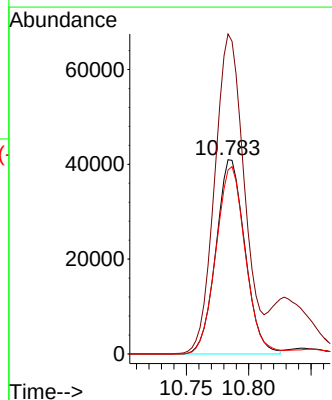
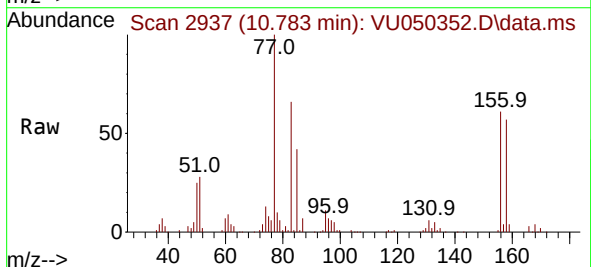
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

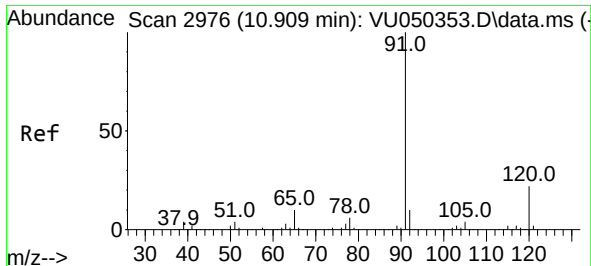
Tgt Ion:	75	Resp:	57987
Ion	Ratio	Lower	Upper
75	100		
77	43.0	0.0	112.4
110	32.6	0.0	70.6
97	17.4	0.0	37.4



#72
Bromobenzene
Concen: 5.923 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion:	156	Resp:	66419
Ion	Ratio	Lower	Upper
156	100		
77	167.9	0.0	344.4
158	97.7	0.0	192.2

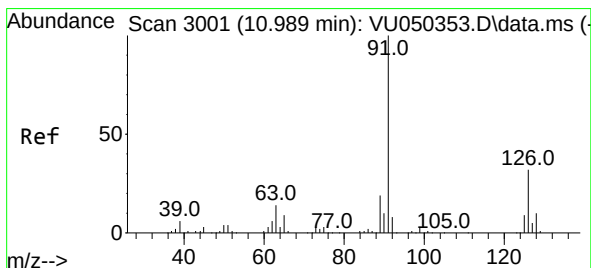
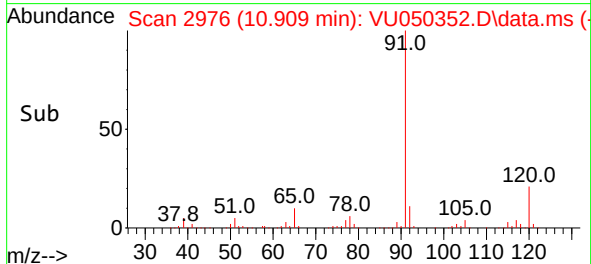
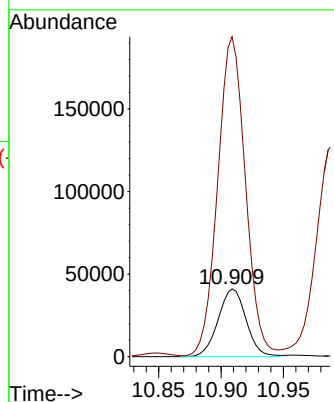
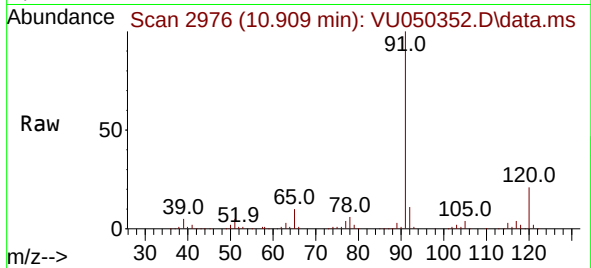




#73
n-propylbenzene
Concen: 5.108 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

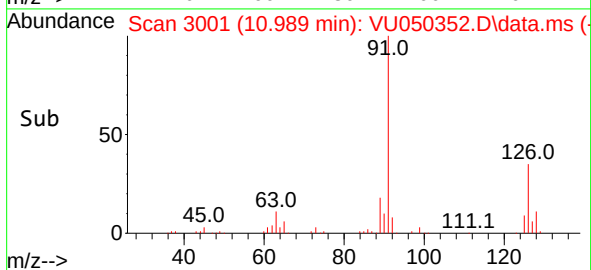
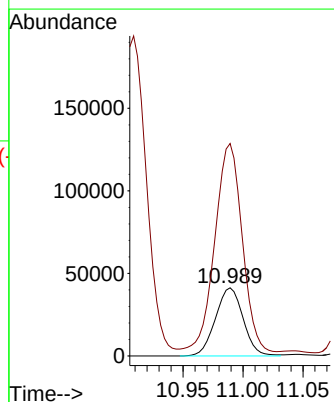
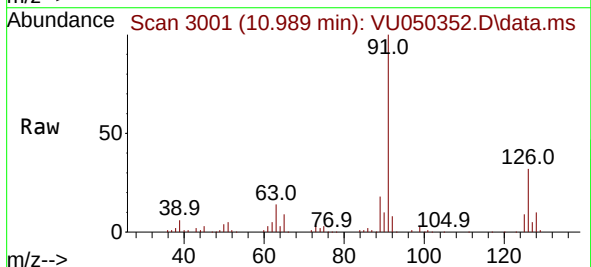
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

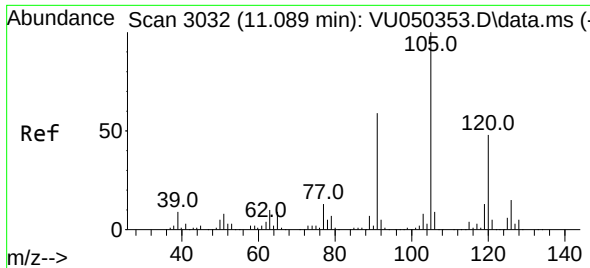
Tgt Ion:120 Resp: 64142
Ion Ratio Lower Upper
120 100
91 466.8 367.8 551.6



#74
2-Chlorotoluene
Concen: 5.913 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion:126 Resp: 66207
Ion Ratio Lower Upper
126 100
91 304.4 0.0 620.6

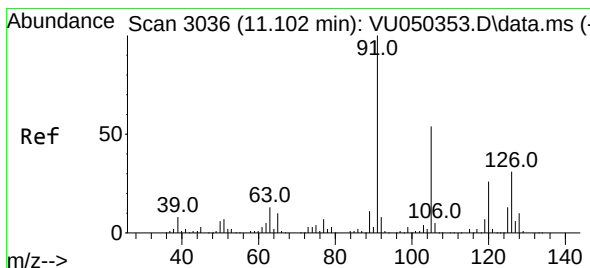
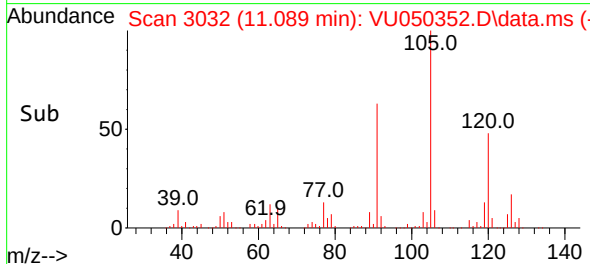
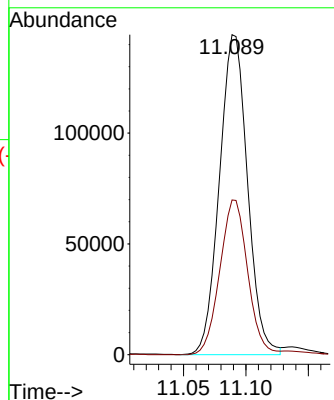
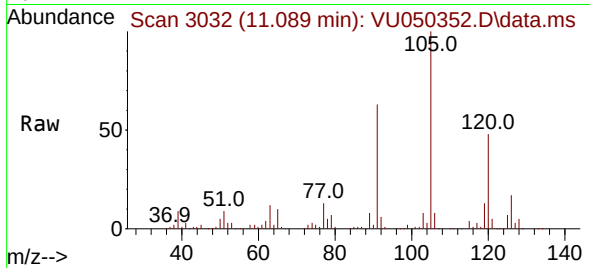




#75
1,3,5-Trimethylbenzene
Concen: 5.450 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

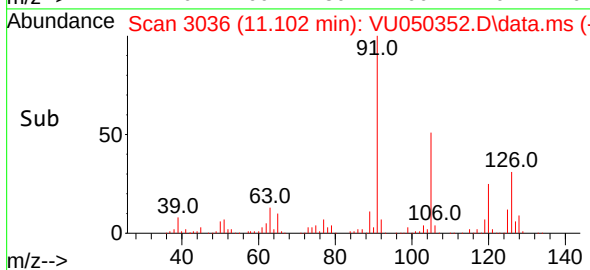
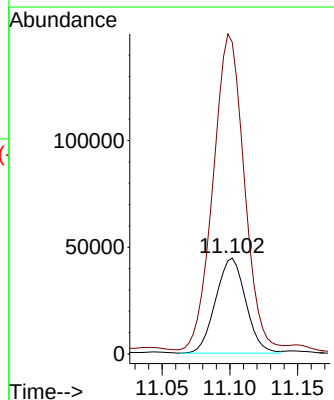
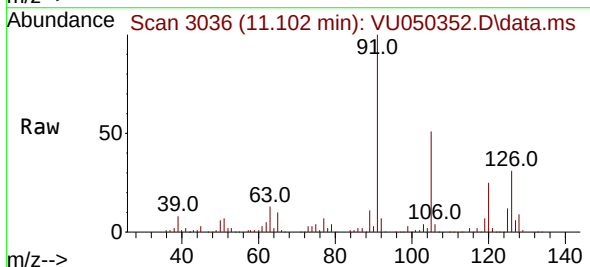
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

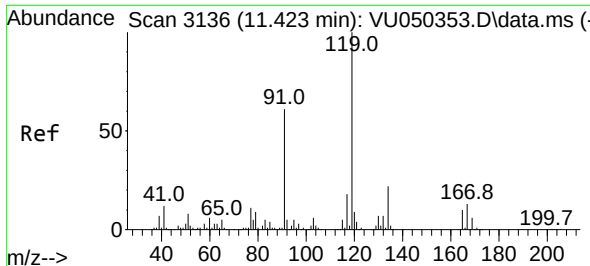
Tgt Ion:105 Resp: 226696
Ion Ratio Lower Upper
105 100
120 49.0 37.6 56.4



#76
4-Chlorotoluene
Concen: 6.111 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion:126 Resp: 68621
Ion Ratio Lower Upper
126 100
91 342.9 0.0 738.8

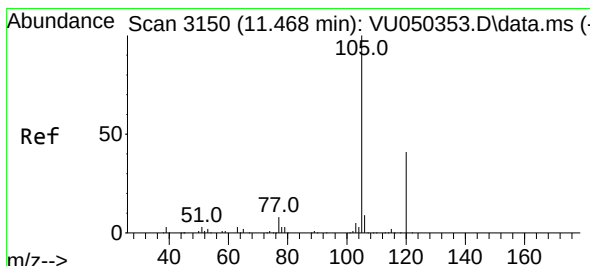
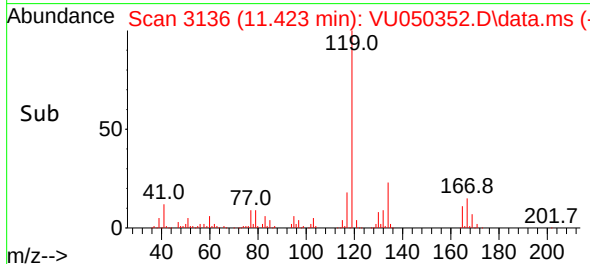
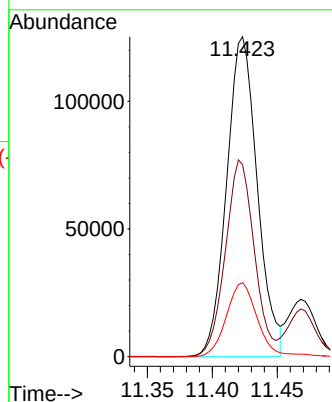
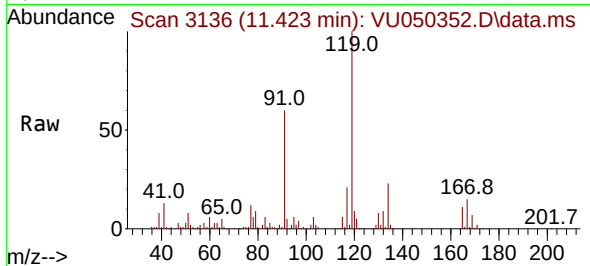




#77
tert-Butylbenzene
Concen: 5.043 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

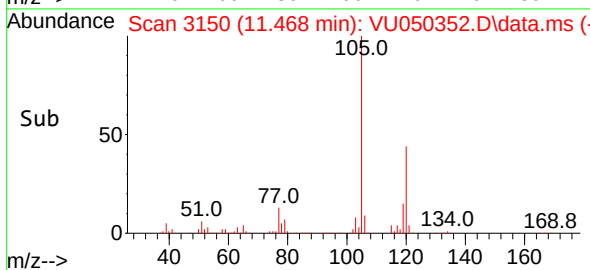
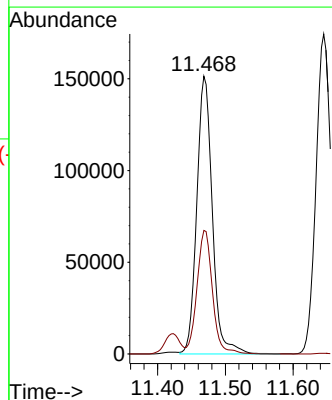
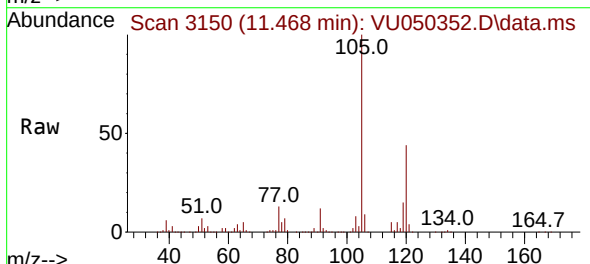
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

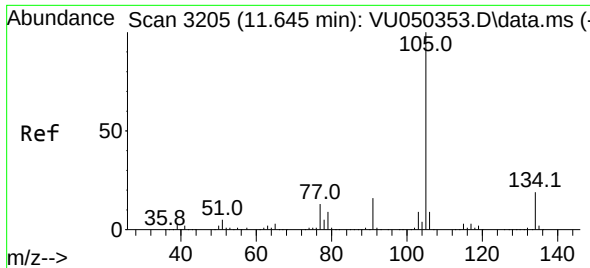
Tgt Ion:119 Resp: 206551
Ion Ratio Lower Upper
119 100
91 57.9 30.4 91.3
134 23.5 17.8 26.6



#78
1,2,4-Trimethylbenzene
Concen: 5.774 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion:105 Resp: 241124
Ion Ratio Lower Upper
105 100
120 44.3 21.6 65.0

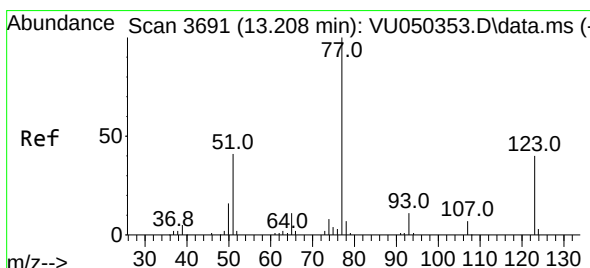
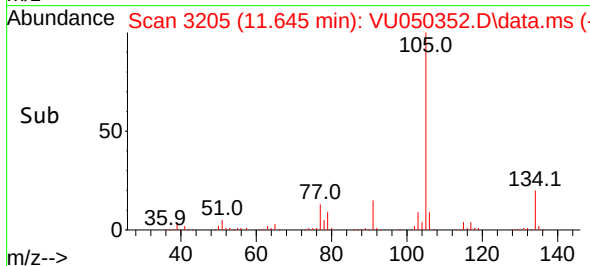
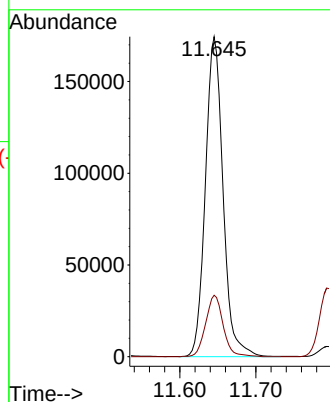
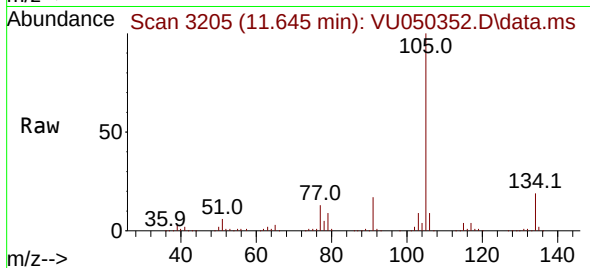




#79
 sec-Butylbenzene
 Concen: 5.235 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050352.D
 Acq: 17 Aug 2022 10:49

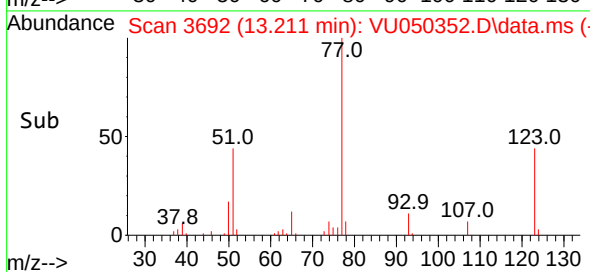
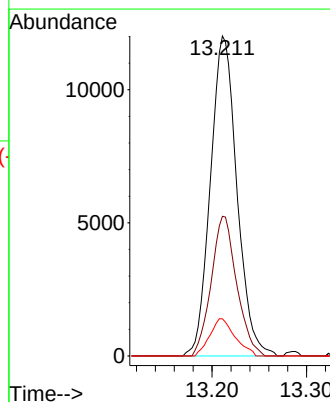
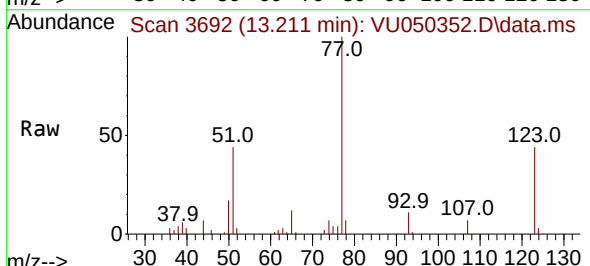
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

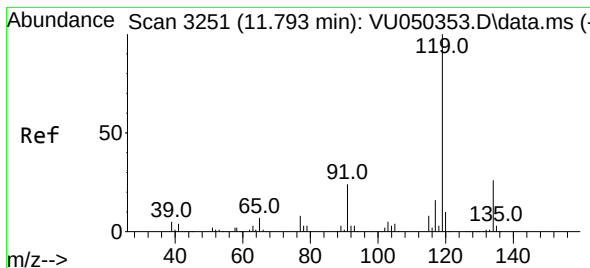
Tgt Ion:105 Resp: 281253
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0



#80
 Nitrobenzene
 Concen: 54.325 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU050352.D
 Acq: 17 Aug 2022 10:49

Tgt Ion: 77 Resp: 23425
 Ion Ratio Lower Upper
 77 100
 123 41.8 18.1 64.3
 65 11.0 10.8 13.8

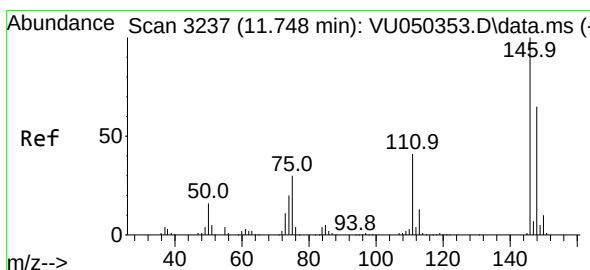
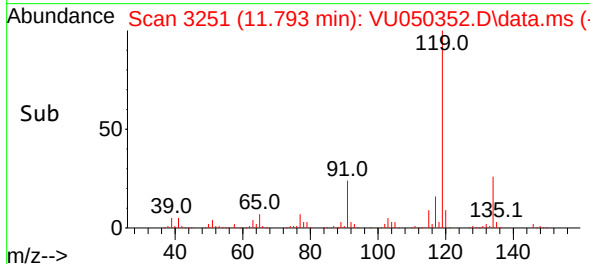
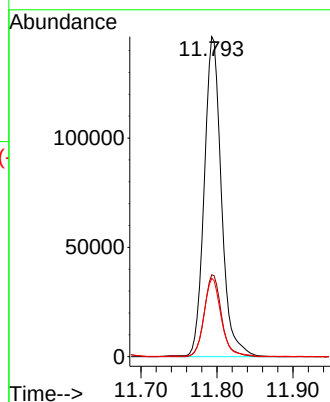
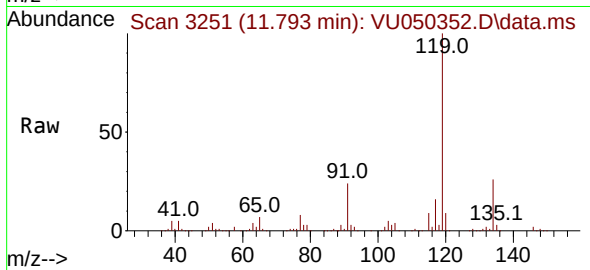




#81
p-Isopropyltoluene
Concen: 5.269 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

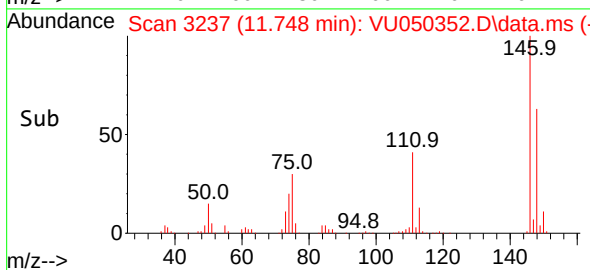
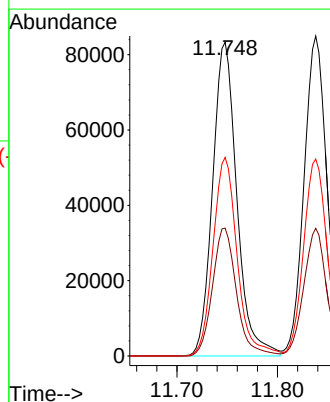
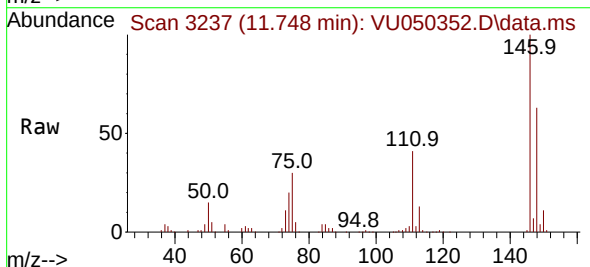
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

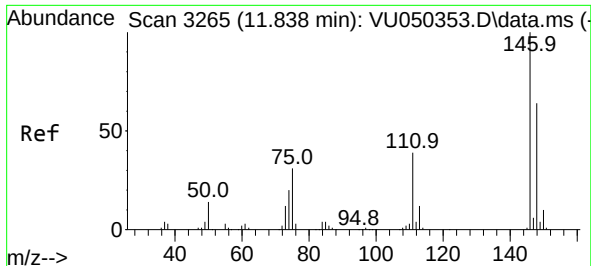
Tgt Ion:119 Resp: 229659
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 24.3 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 6.441 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion:146 Resp: 139709
Ion Ratio Lower Upper
146 100
111 40.4 33.4 50.2
148 63.3 51.2 76.8

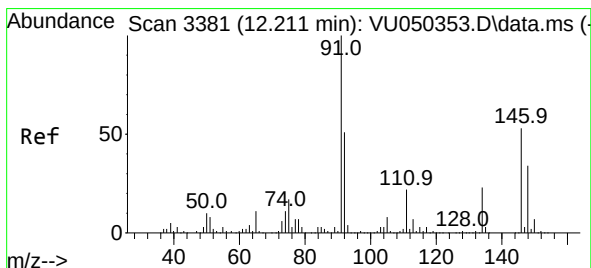
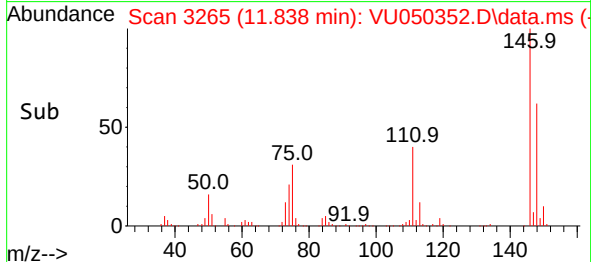
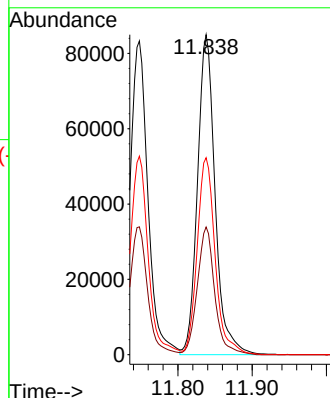
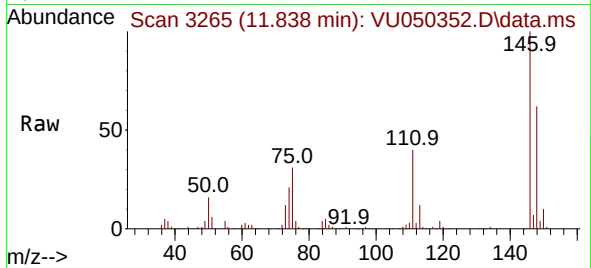




#83
1,4-Dichlorobenzene
Concen: 6.426 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

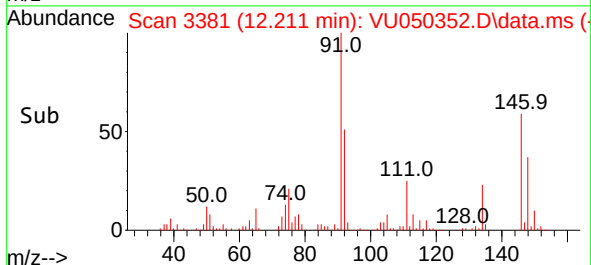
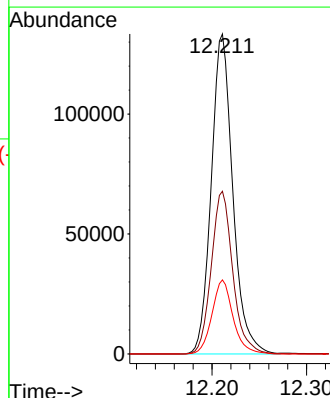
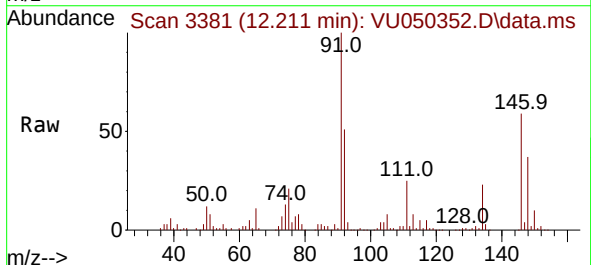
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

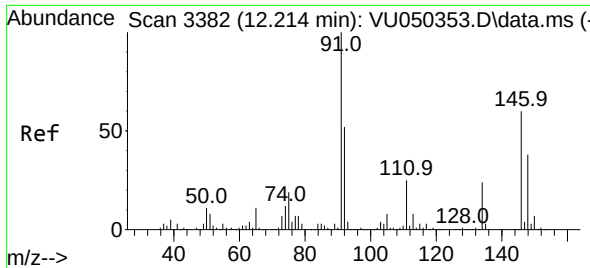
Tgt Ion:146 Resp: 140668
Ion Ratio Lower Upper
146 100
111 39.4 32.6 49.0
148 62.9 51.6 77.4



#84
n-Butylbenzene
Concen: 5.200 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 91 Resp: 211069
Ion Ratio Lower Upper
91 100
92 50.8 42.3 63.5
134 22.7 19.6 29.4

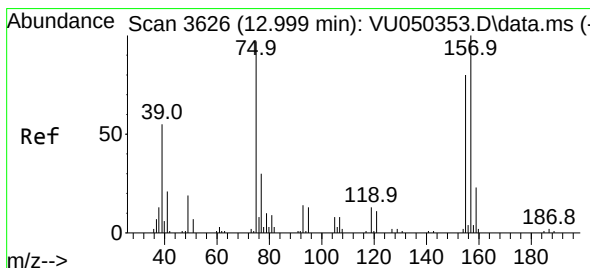
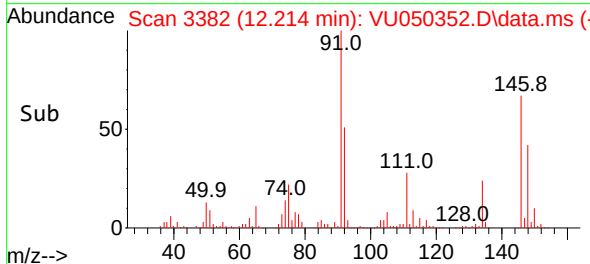
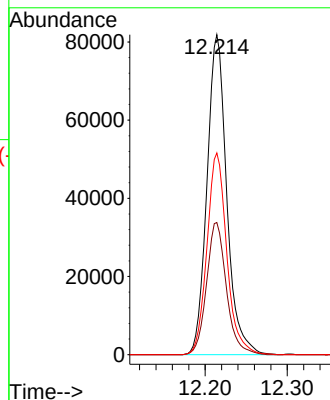
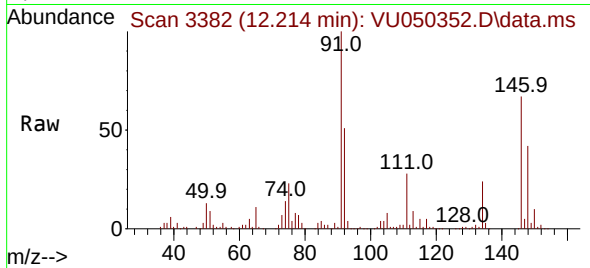




#85
1,2-Dichlorobenzene
Concen: 6.507 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

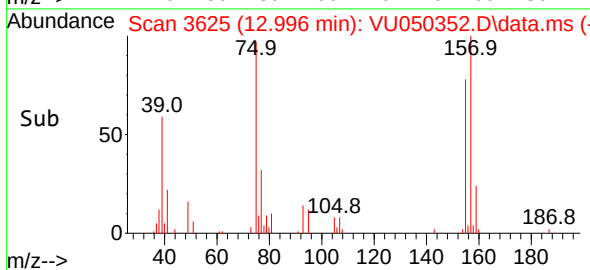
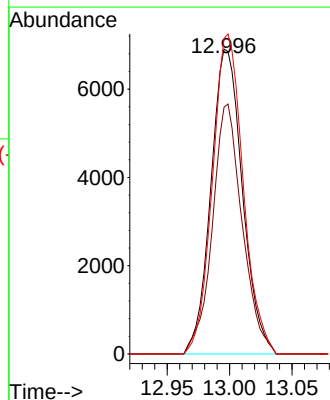
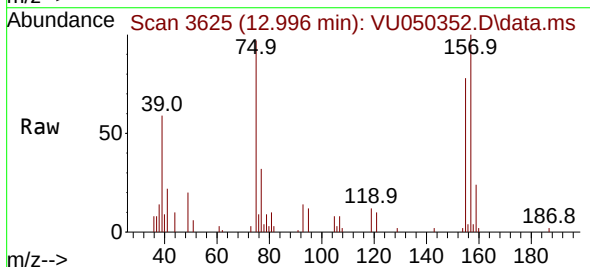
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

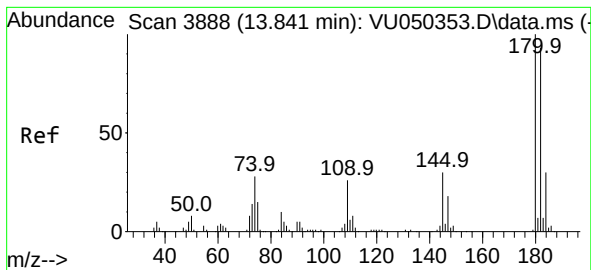
Tgt Ion:146 Resp: 136741
Ion Ratio Lower Upper
146 100
111 41.6 22.1 66.1
148 63.5 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 6.614 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion: 75 Resp: 12157
Ion Ratio Lower Upper
75 100
155 77.5 66.8 100.2
157 102.3 83.8 125.8





#87

1,2,4-Trichlorobenzene

Concen: 5.466 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

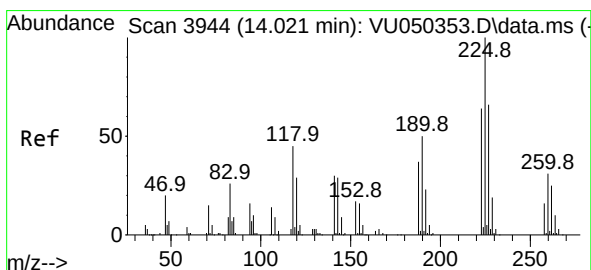
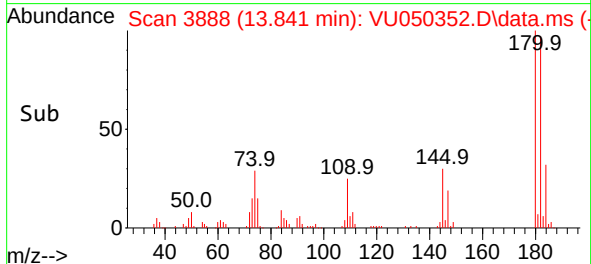
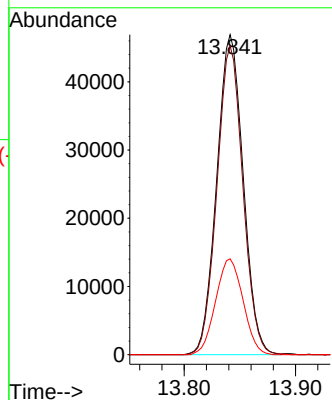
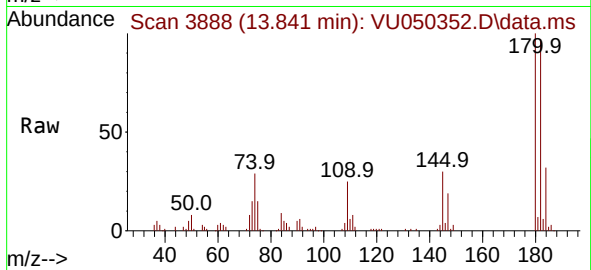
Tgt Ion:180 Resp: 77489

Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.6

145 31.0 25.7 38.5



#88

Hexachlorobutadiene

Concen: 6.253 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU050352.D

Acq: 17 Aug 2022 10:49

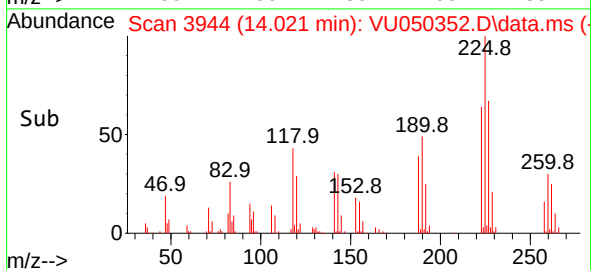
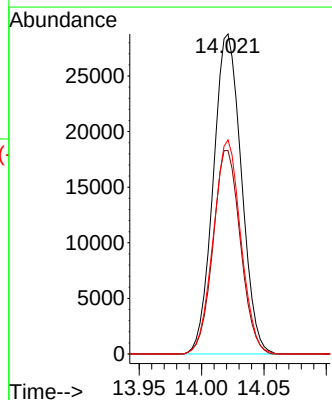
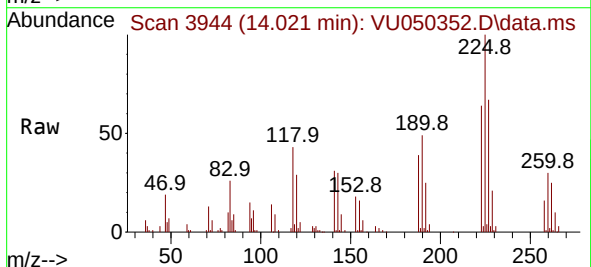
Tgt Ion:225 Resp: 45177

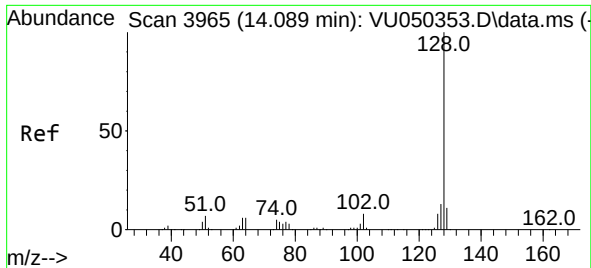
Ion Ratio Lower Upper

225 100

223 62.0 50.6 76.0

227 65.4 50.7 76.1

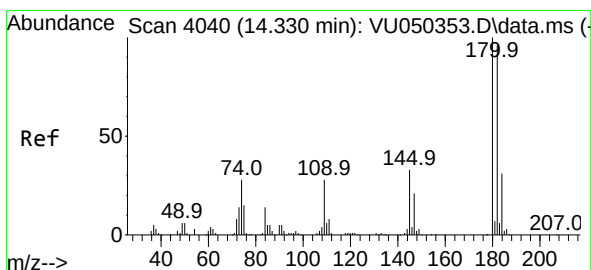
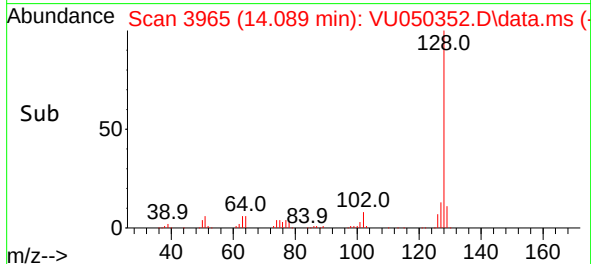
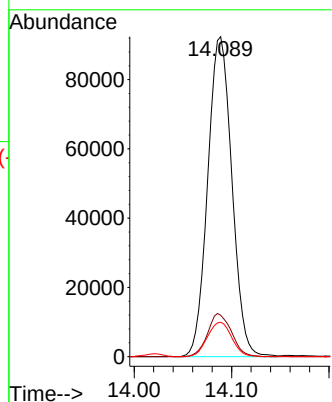
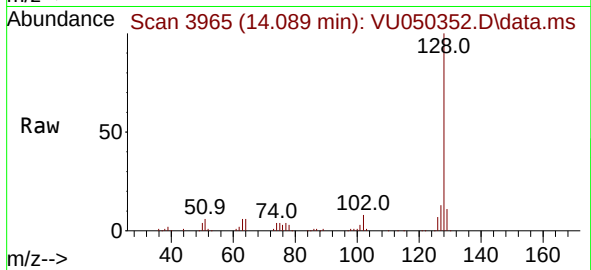




#89
Naphthalene
Concen: 5.361 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 159365
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 10.8 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 6.017 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050352.D
Acq: 17 Aug 2022 10:49

Tgt Ion:180 Resp: 81457
Ion Ratio Lower Upper
180 100
182 94.1 76.6 114.8
145 31.8 27.3 40.9

