

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
 Data File : VU050351.D
 Acq On : 17 Aug 2022 10:21
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Quant Time: Aug 17 11:53:54 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	6.115	96	37091	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	12408	0.913	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	14972	1.197	ug/l	0.00
Spiked Amount 1.000			Recovery	=	120.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	25399	1.788	ug/l	99
3) Chloromethane	1.520	50	33889	2.333	ug/l	97
4) Vinyl Chloride	1.604	62	29251	2.208	ug/l	98
5) Bromomethane	1.858	94	13463	1.949	ug/l	100
6) Chloroethane	1.935	64	18963	2.556	ug/l	96
7) Trichlorofluoromethane	2.141	101	33440	2.106	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	17854	2.140	ug/l	97
9) 1,1-Dichloroethene	2.584	96	19926	2.369	ug/l	98
10) Iodomethane	2.723	142	18158	1.702	ug/l	96
11) Allyl Chloride	2.925	41	33554	2.340	ug/l	94
12) Acrylonitrile	3.321	53	13463	5.988	ug/l	97
13) Acetone	2.636	43	23805	13.418	ug/l	90
14) Carbon Disulfide	2.793	76	67491	2.437	ug/l	100
15) Methylene Chloride	3.047	84	28591	2.715	ug/l	96
16) trans-1,2-Dichloroethene	3.350	96	21953	2.486	ug/l	98
17) 1,1-Dichloroethane	3.871	63	46684	2.556	ug/l	97
18) 2-Butanone	4.732	43	35220	11.646	ug/l	100
19) Cyclohexane	5.375	56	22000m	1.260	ug/l	
20) Methylcyclohexane	6.758	83	20204	1.174	ug/l	96
21) 2,2-Dichloropropane	4.655	77	32059	2.145	ug/l	98
22) cis-1,2-Dichloroethene	4.662	96	25896	2.378	ug/l	98
23) Diethyl Ether	2.382	59	18936	2.643	ug/l	95
24) tert-Butyl Alcohol	3.218	59	26708	32.675	ug/l	97
25) Methyl tert-Butyl Ether	3.372	73	58355	2.481	ug/l	97
26) Bromochloromethane	4.973	128	11962	2.609	ug/l	95
27) Chloroform	5.089	83	44181	2.458	ug/l	99
28) 1,1,1-Trichloroethane	5.311	97	33239	2.097	ug/l	98
29) 1,1-Dichloropropene	5.523	75	24539	1.734	ug/l	97
30) Carbon Tetrachloride	5.517	117	26886	2.015	ug/l	97
31) Isopropyl Ether	4.002	45	71254	2.275	ug/l	96
32) Ethyl-t-butyl ether	4.514	59	58924	1.988	ug/l	99
33) Tert-Amyl methyl ether	5.951	73	33780	1.311	ug/l	# 97
34) Propionitrile	4.800	54	12529	14.449	ug/l	# 99
35) Benzene	5.771	78	88410	2.192	ug/l	98
36) 1,2-Dichloroethane	5.800	62	28192	2.458	ug/l	97
37) Trichloroethene	6.543	130	21527	2.112	ug/l	95
38) 1,2-Dichloropropane	6.793	63	24700	2.313	ug/l	100
39) Methacrylonitrile	4.986	41	7368	1.983	ug/l	# 88
40) Methyl acrylate	4.861	55	13317	2.289	ug/l	# 93
41) Tetrahydrofuran	5.080	42	8393	3.822	ug/l	95
42) 1-Chlorobutane	5.456	56	34693	1.748	ug/l	97
43) Dibromomethane	6.922	93	13626	2.561	ug/l	98
44) Bromodichloromethane	7.108	83	31440	2.466	ug/l	95

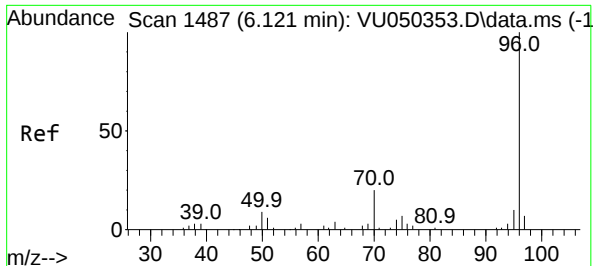
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 17 11:51:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.806	43	69133	9.574	ug/l	96
46) t-1,4-Dichloro-2-butene	10.832	75	9217m	3.922	ug/l	
47) Methyl methacrylate	6.970	69	19608	3.655	ug/l	96
48) Ethyl methacrylate	8.340	69	17630	1.638	ug/l	95
49) Toluene	7.970	92	47479	1.928	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	25385	2.061	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	27900	1.911	ug/l	93
52) 1,1,2-Trichloroethane	8.404	97	20313	2.767	ug/l	96
53) 1,3-Dichloropropane	8.578	76	30925	2.347	ug/l	99
54) 2-Hexanone	8.694	43	46750	9.322	ug/l	94
55) Dibromochloromethane	8.809	129	21603	2.576	ug/l	98
56) 1,2-Dibromoethane	8.925	107	17651	2.483	ug/l	96
58) Tetrachloroethene	8.552	164	19356	2.284	ug/l	98
59) Chlorobenzene	9.446	112	52513	2.038	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	22179	2.420	ug/l	97
61) Pentachloroethane	11.430	117	17749	2.522	ug/l	93
62) Hexachloroethane	12.475	117	13840	1.964	ug/l	93
63) Ethyl Benzene	9.571	91	75970	1.638	ug/l	99
64) m/p-Xylenes	9.694	106	57615	3.359	ug/l	98
65) o-Xylene	10.099	106	28776	1.707	ug/l	100
66) Styrene	10.115	104	45259	1.671	ug/l	99
67) Bromoform	10.292	173	12343	2.579	ug/l	99
69) Isopropylbenzene	10.484	105	71228	1.582	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	27418	2.874	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	19699m	2.494	ug/l	
72) Bromobenzene	10.784	156	22610	2.228	ug/l	95
73) n-propylbenzene	10.906	120	17890	1.574	ug/l	97
74) 2-Chlorotoluene	10.986	126	19430	1.918	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	61072	1.622	ug/l	100
76) 4-Chlorotoluene	11.099	126	18845	1.854	ug/l	90
77) tert-Butylbenzene	11.420	119	62743	1.693	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	62199	1.646	ug/l	99
79) sec-Butylbenzene	11.642	105	80810	1.662	ug/l	97
80) Nitrobenzene	13.217	77	8038	20.599	ug/l	98
81) p-Isopropyltoluene	11.793	119	63742	1.616	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	43950	2.239	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	46366	2.341	ug/l	98
84) n-Butylbenzene	12.208	91	59820	1.629	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	45947	2.416	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	4527	2.721	ug/l	91
87) 1,2,4-Trichlorobenzene	13.841	180	25298	1.972	ug/l	96
88) Hexachlorobutadiene	14.018	225	15181	2.322	ug/l	95
89) Naphthalene	14.089	128	49035	1.823	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	25328	2.067	ug/l	98

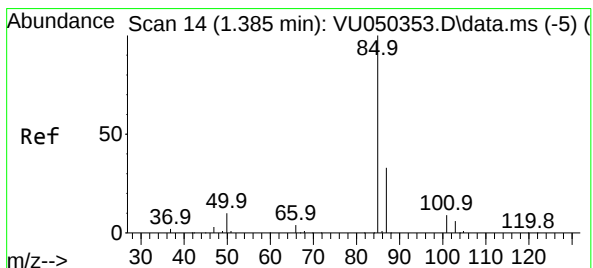
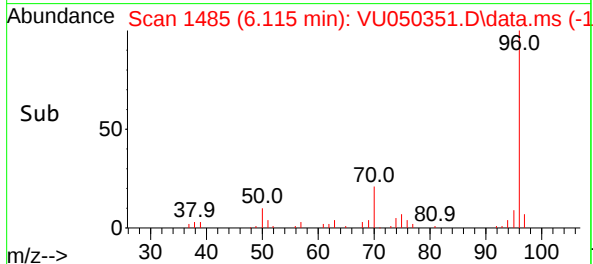
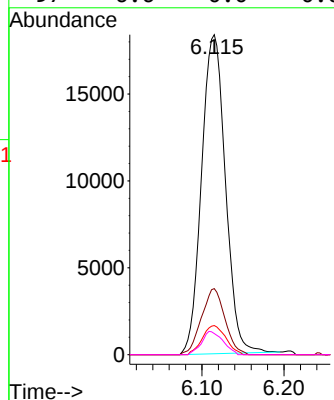
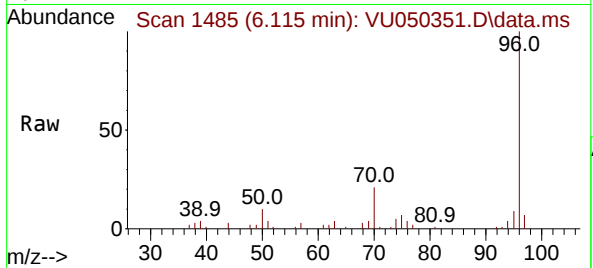
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.006 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

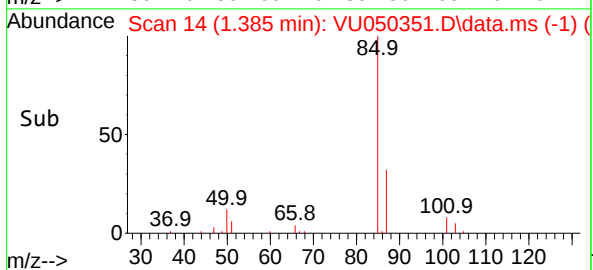
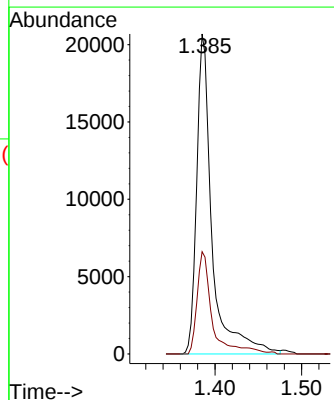
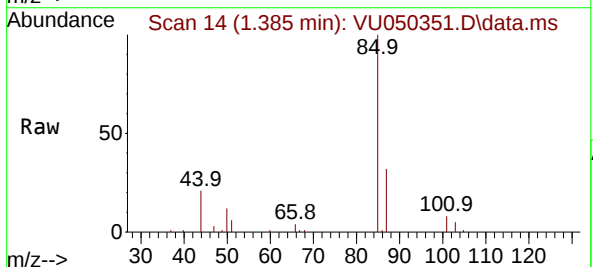
Instrument :
MSVOA_U
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VSTDIC002

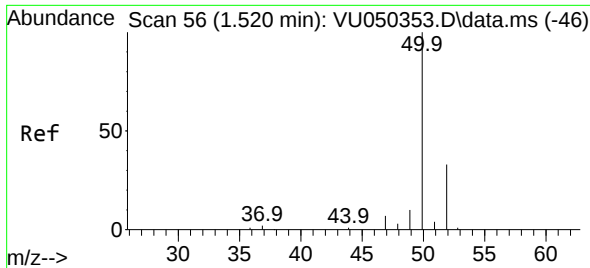
Tgt Ion:	96	Resp:	37091
Ion	Ratio	Lower	Upper
96	100		
70	20.4	16.7	25.1
95	9.0	7.4	11.0
97	6.6	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 1.788 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion:	85	Resp:	25399
Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.3	48.8

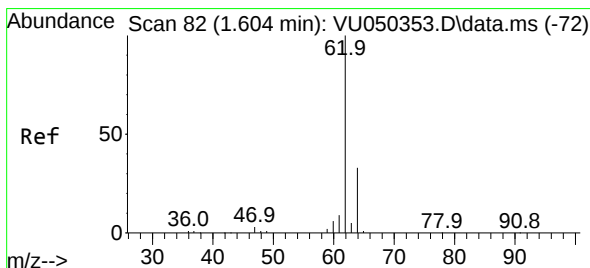
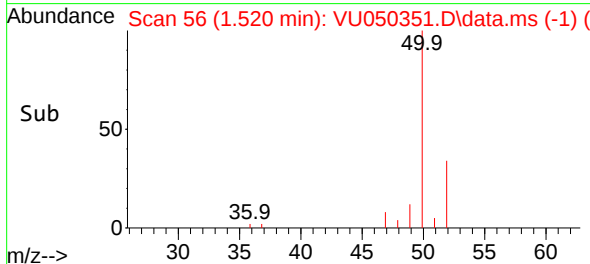
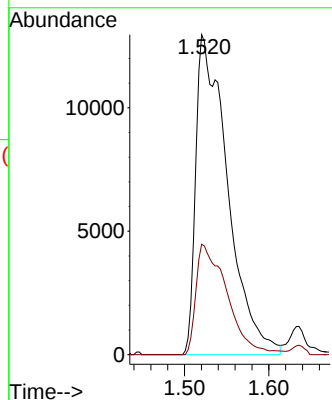
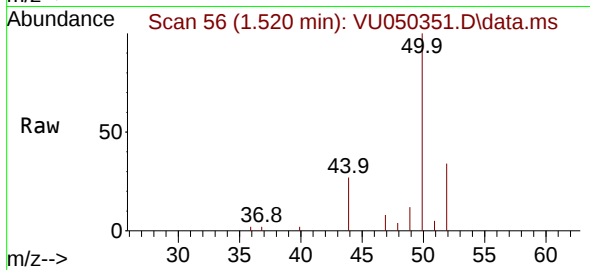




#3
Chloromethane
Concen: 2.333 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

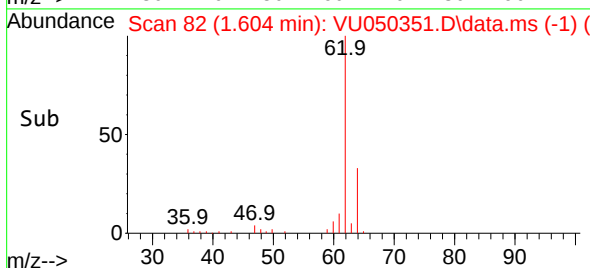
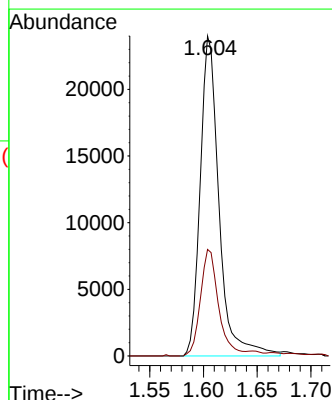
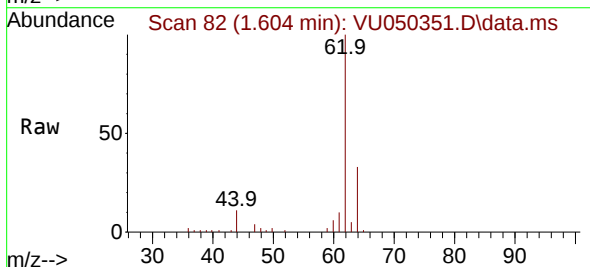
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

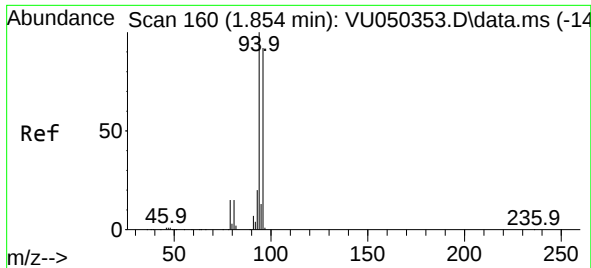
Tgt Ion: 50 Resp: 33889
Ion Ratio Lower Upper
50 100
52 34.5 26.1 39.1



#4
Vinyl Chloride
Concen: 2.208 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 62 Resp: 29251
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3

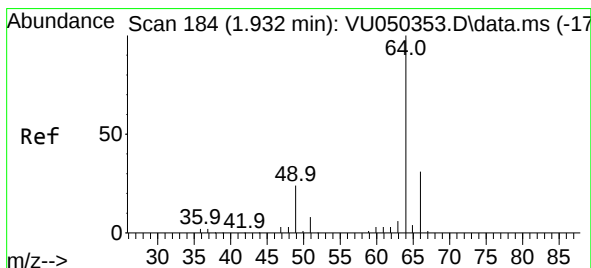
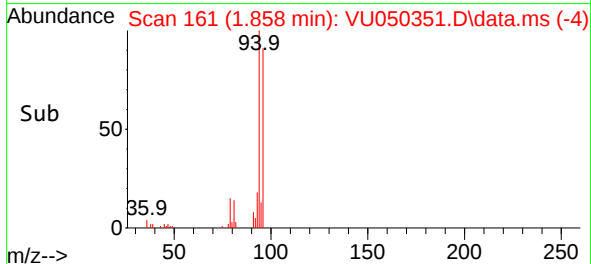
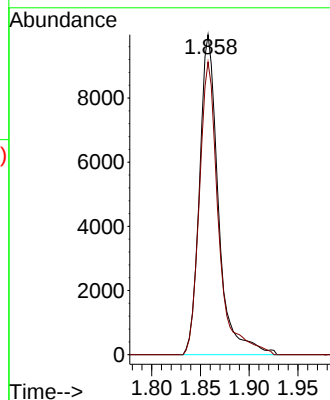
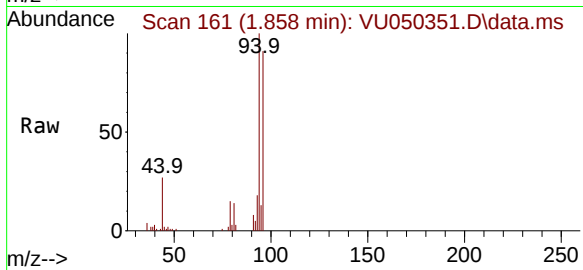




#5
Bromomethane
Concen: 1.949 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

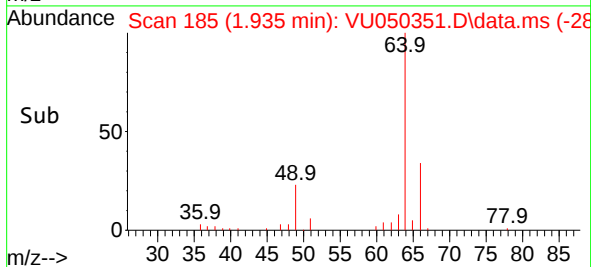
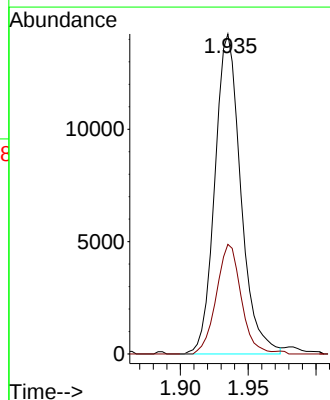
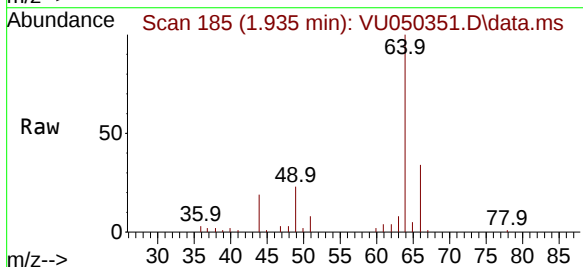
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MSVOA_U
ClientSampleId :
VSTDIC002

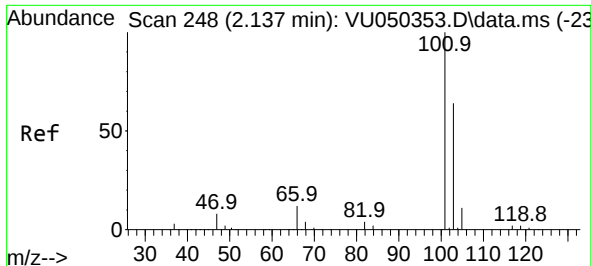
Tgt Ion: 94 Resp: 13463
Ion Ratio Lower Upper
94 100
96 91.5 73.0 109.6



#6
Chloroethane
Concen: 2.556 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 64 Resp: 18963
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.6

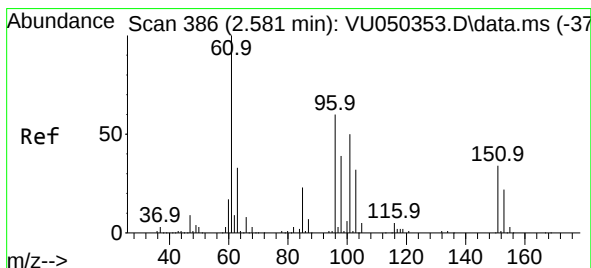
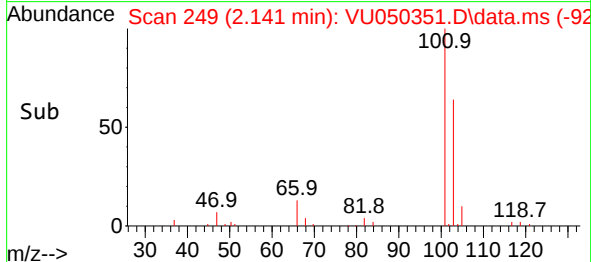
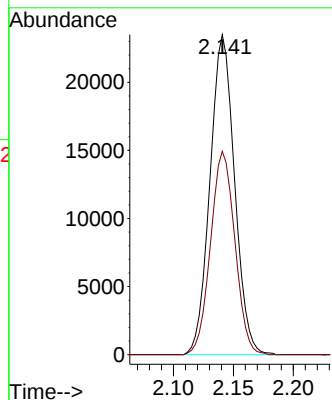
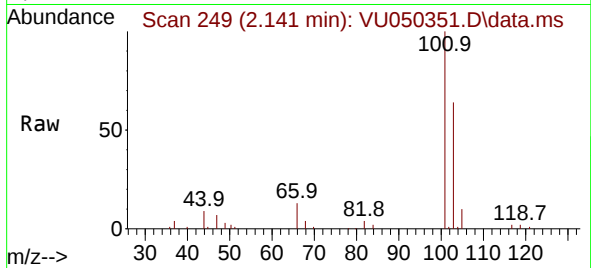




#7
 Trichlorofluoromethane
 Concen: 2.106 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

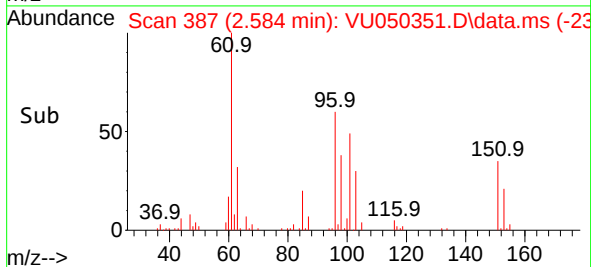
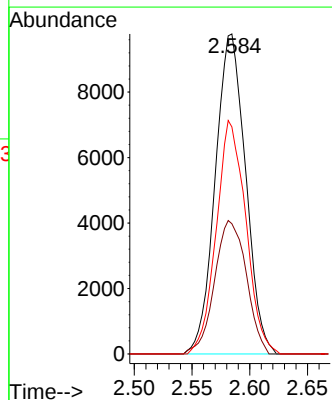
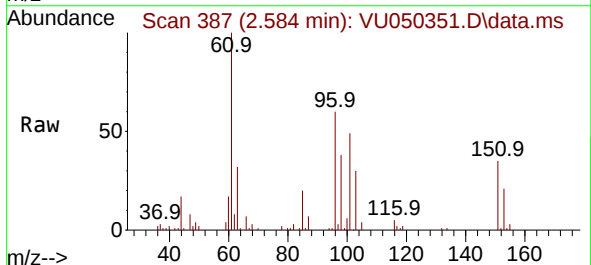
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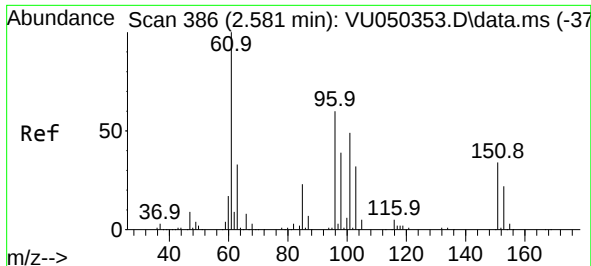
Tgt Ion:101 Resp: 33440
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.140 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

Tgt Ion:101 Resp: 17854
 Ion Ratio Lower Upper
 101 100
 85 43.6 36.4 54.6
 151 71.2 59.1 88.7



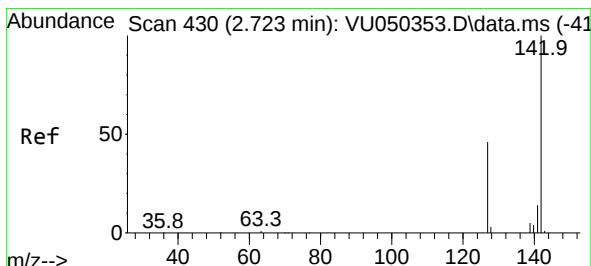
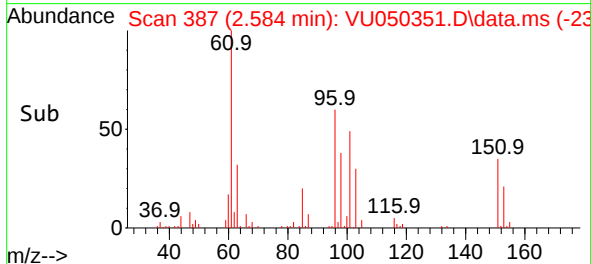
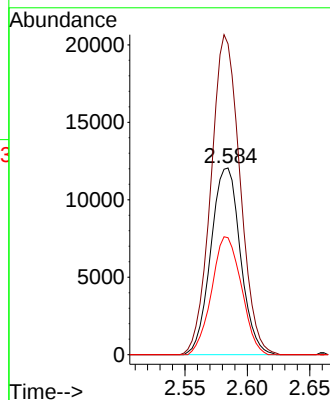
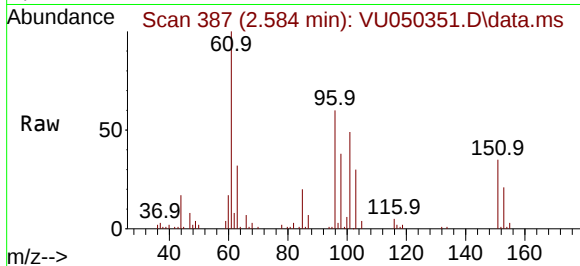


#9
 1,1-Dichloroethene
 Concen: 2.369 ug/l
 RT: 2.584 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 96 Resp: 19926

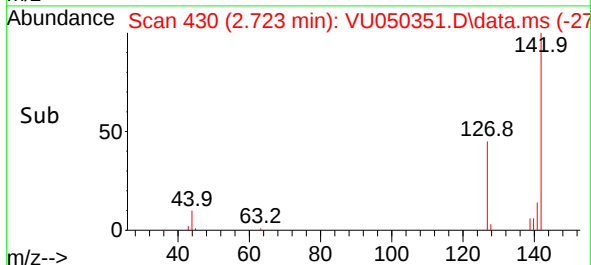
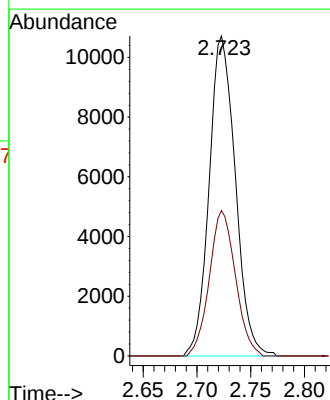
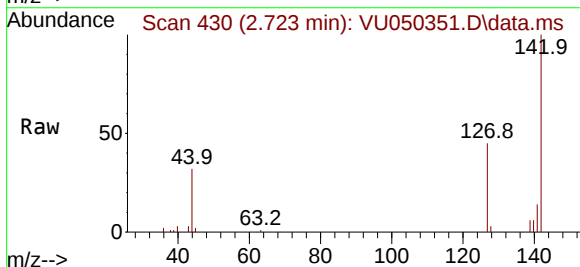
Ion	Ratio	Lower	Upper
96	100		
61	166.4	0.0	510.6
98	62.6	0.0	124.6

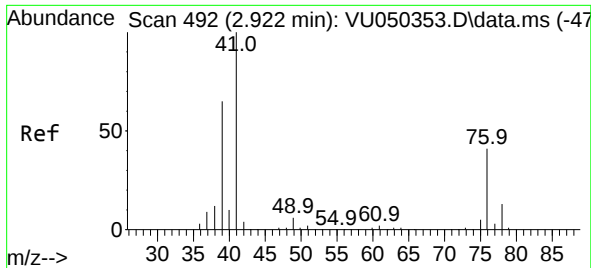


#10
 Iodomethane
 Concen: 1.702 ug/l
 RT: 2.723 min Scan# 430
 Delta R.T. 0.000 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

Tgt Ion: 142 Resp: 18158

Ion	Ratio	Lower	Upper
142	100		
127	45.3	38.2	57.2

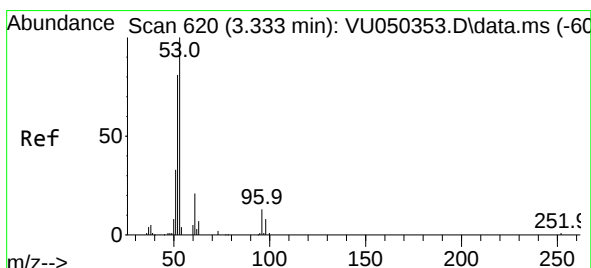
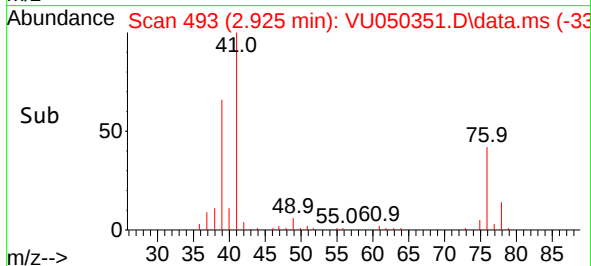
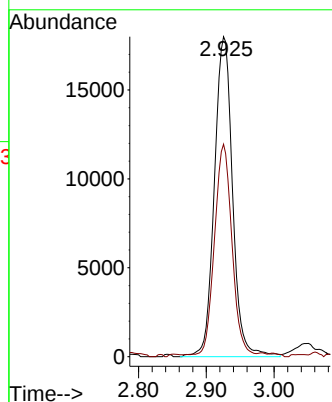
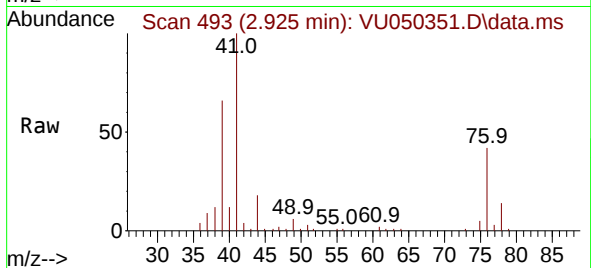




#11
 Allyl Chloride
 Concen: 2.340 ug/l
 RT: 2.925 min Scan# 491
 Delta R.T. 0.003 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

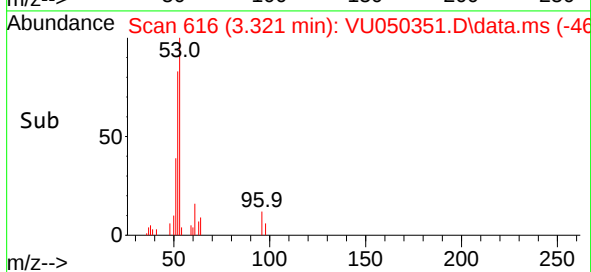
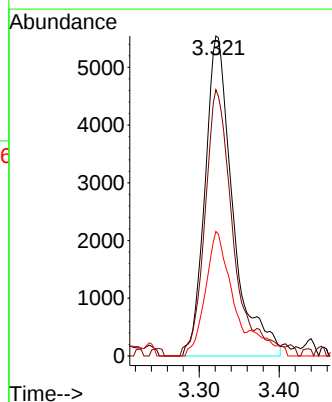
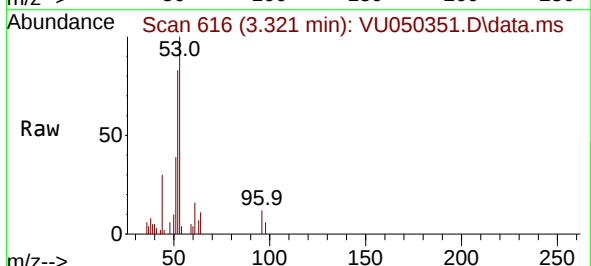
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

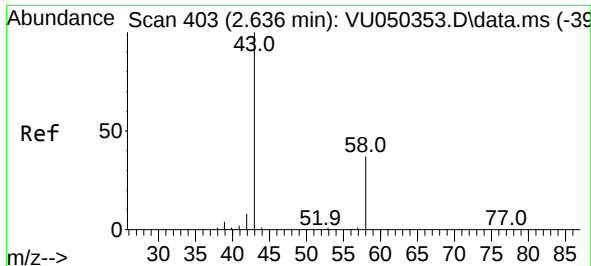
Tgt Ion: 41 Resp: 33554
 Ion Ratio Lower Upper
 41 100
 39 62.0 53.2 79.8



#12
 Acrylonitrile
 Concen: 5.988 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.013 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

Tgt Ion: 53 Resp: 13463
 Ion Ratio Lower Upper
 53 100
 52 78.6 64.6 97.0
 51 35.3 30.7 46.1

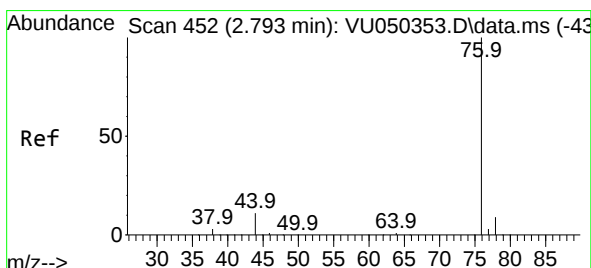
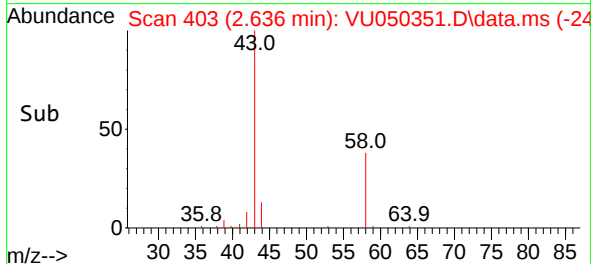
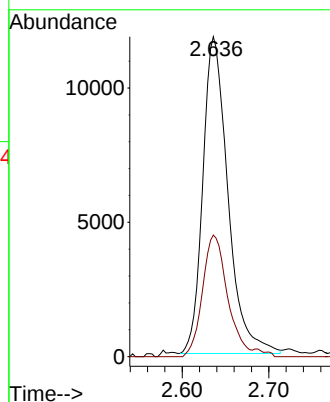
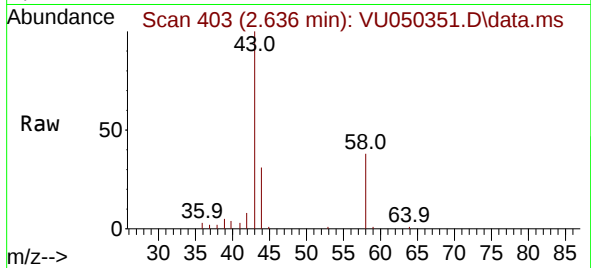




#13
Acetone
Concen: 13.418 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

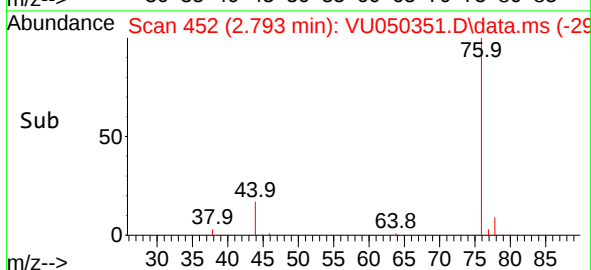
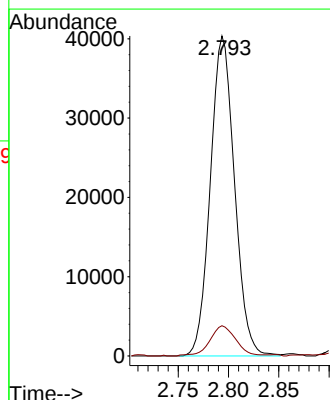
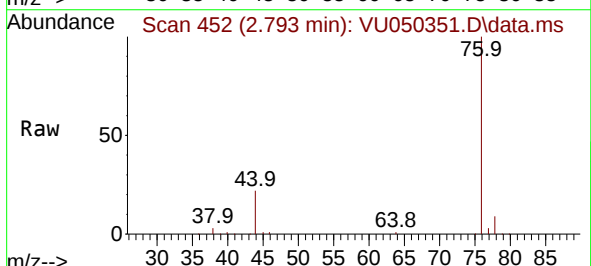
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

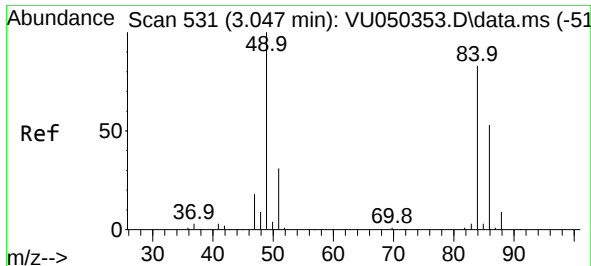
Tgt Ion: 43 Resp: 23805
Ion Ratio Lower Upper
43 100
58 38.4 26.2 39.2



#14
Carbon Disulfide
Concen: 2.437 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 76 Resp: 67491
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

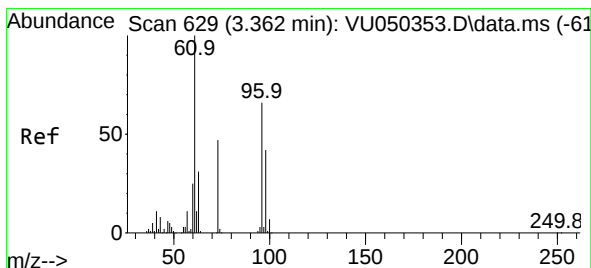
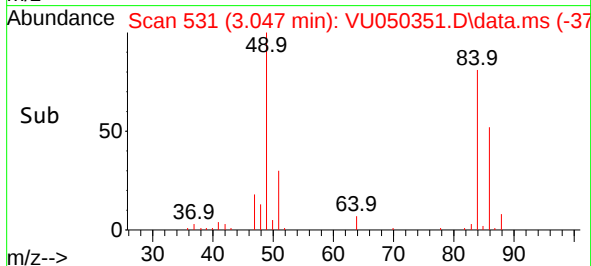
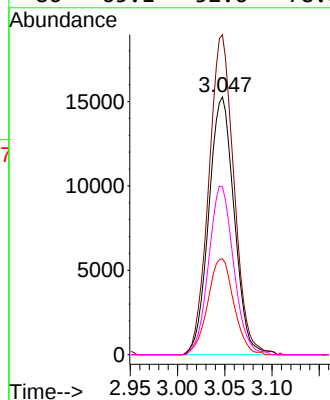
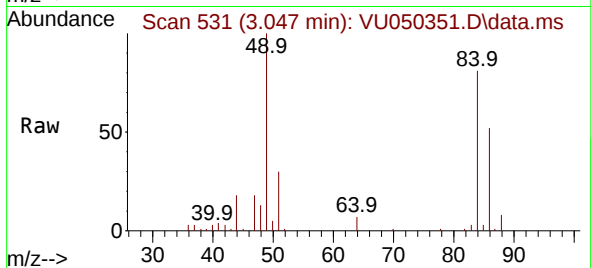




#15
Methylene Chloride
Concen: 2.715 ug/l
RT: 3.047 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

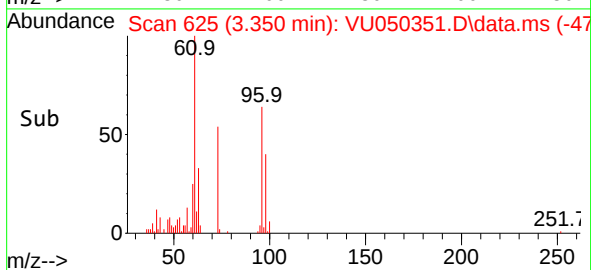
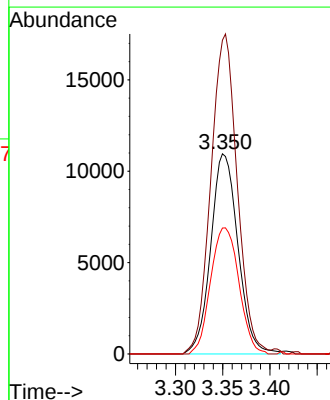
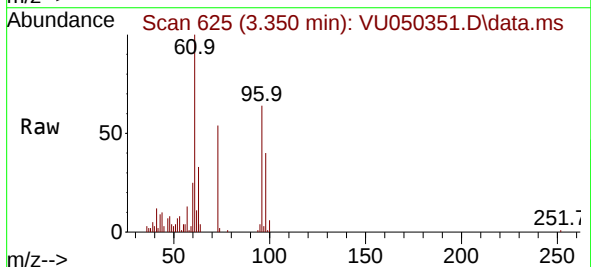
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

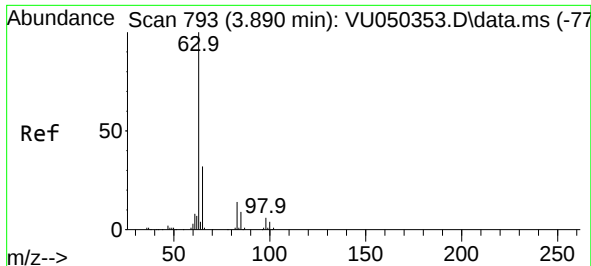
Tgt Ion:	84	Resp:	28591
Ion	Ratio	Lower	Upper
84	100		
49	124.2	104.6	157.0
51	37.2	0.0	81.4
86	65.1	52.6	78.8



#16
trans-1,2-Dichloroethene
Concen: 2.486 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.013 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion:	96	Resp:	21953
Ion	Ratio	Lower	Upper
96	100		
61	156.8	123.4	185.0
98	62.9	51.6	77.4

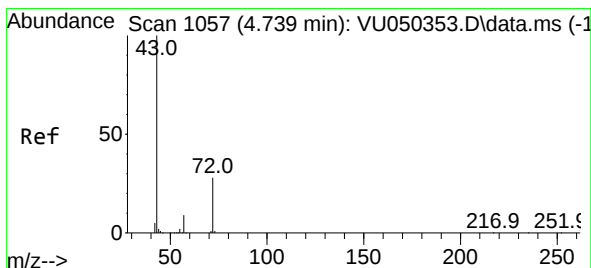
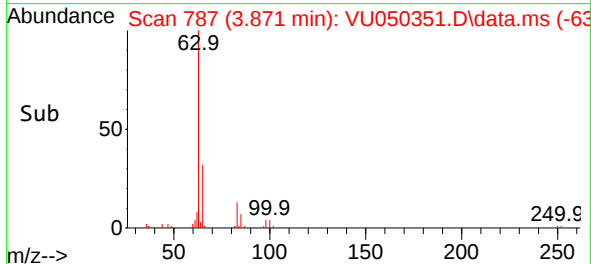
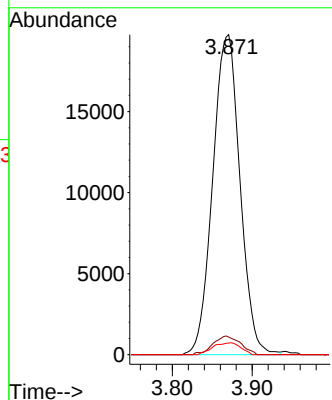
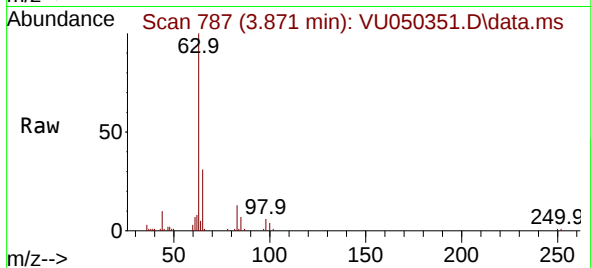




#17
1,1-Dichloroethane
Concen: 2.556 ug/l
RT: 3.871 min Scan# 793
Delta R.T. -0.019 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

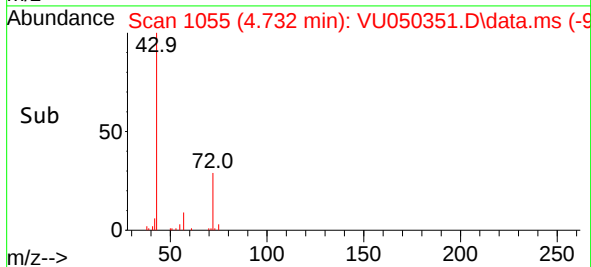
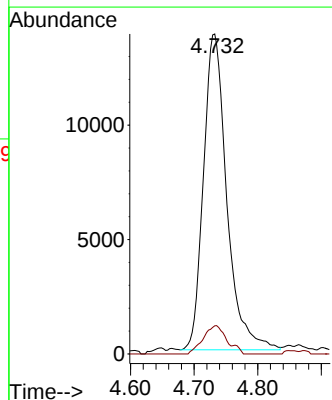
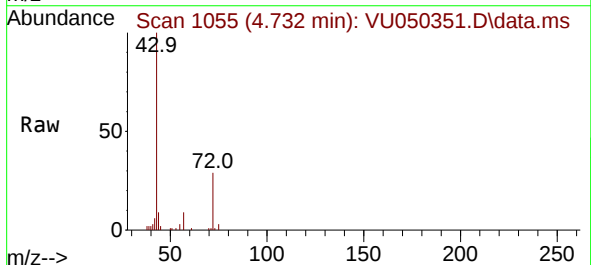
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

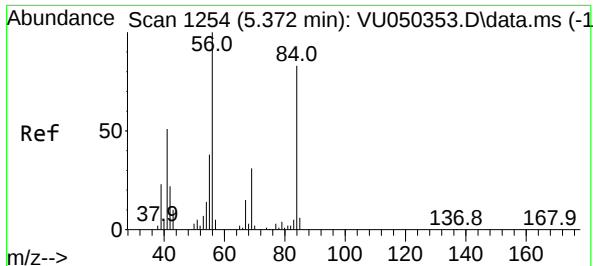
Tgt Ion: 63 Resp: 46684
Ion Ratio Lower Upper
63 100
98 5.5 3.4 10.2
100 3.7 2.0 6.0



#18
2-Butanone
Concen: 11.646 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 43 Resp: 35220
Ion Ratio Lower Upper
43 100
57 8.9 0.0 18.0





#19

Cyclohexane

Concen: 1.260 ug/l m

RT: 5.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

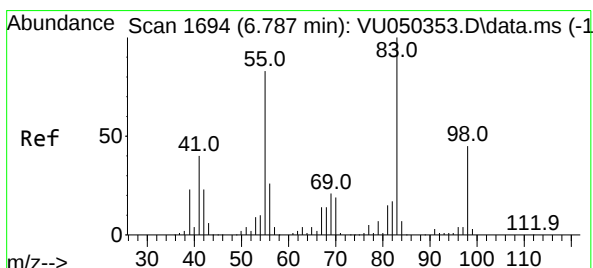
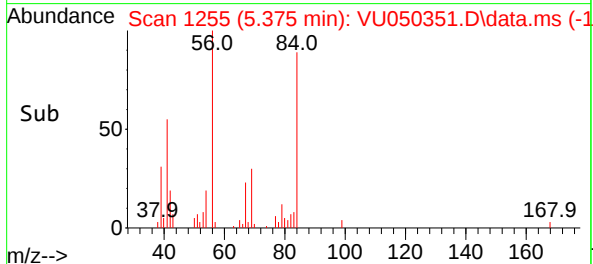
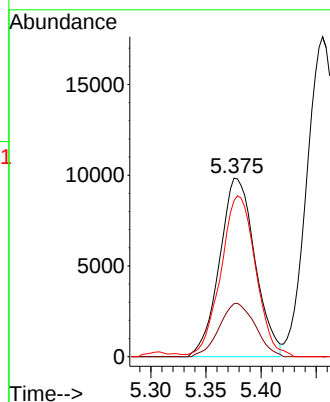
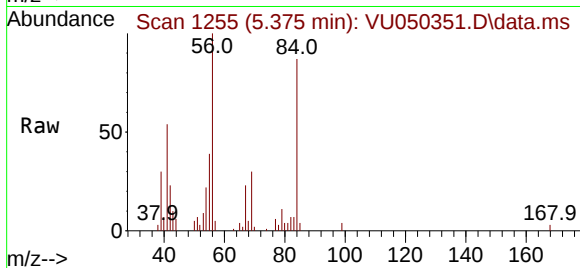
Tgt Ion: 56 Resp: 22000

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.4

84 87.0 63.4 95.2



#20

Methylcyclohexane

Concen: 1.174 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.029 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

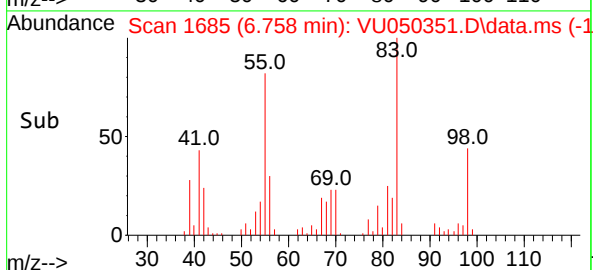
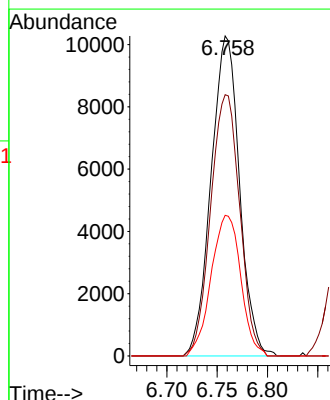
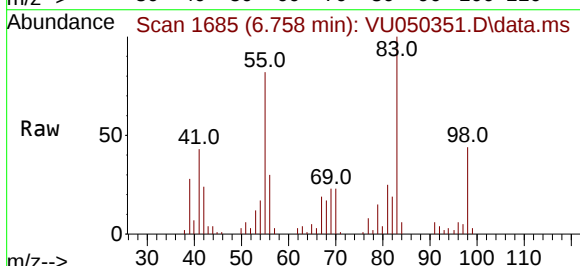
Tgt Ion: 83 Resp: 20204

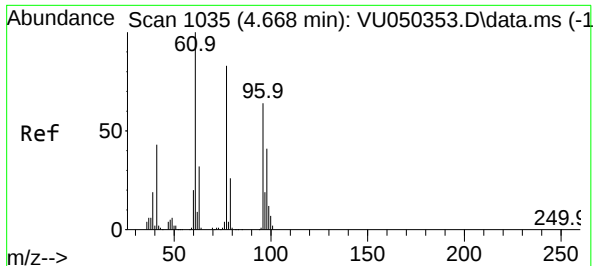
Ion Ratio Lower Upper

83 100

55 83.3 63.0 94.4

98 45.8 35.7 53.5





#21

2,2-Dichloropropane

Concen: 2.145 ug/l

RT: 4.655 min Scan# 1031

Delta R.T. -0.013 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

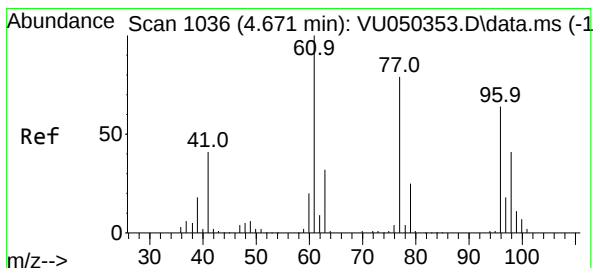
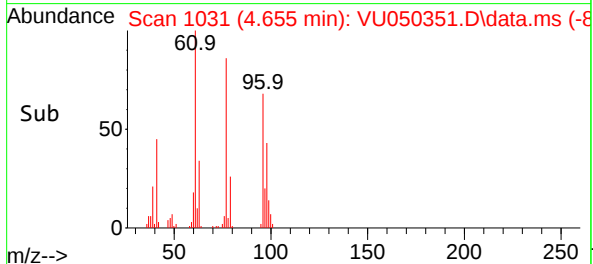
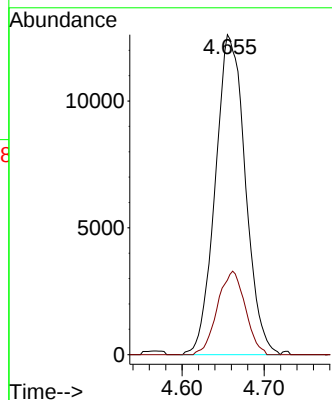
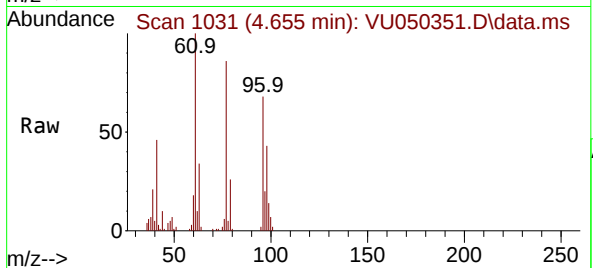
VSTDIC002

Tgt Ion: 77 Resp: 32059

Ion Ratio Lower Upper

77 100

97 24.2 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 2.378 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.010 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

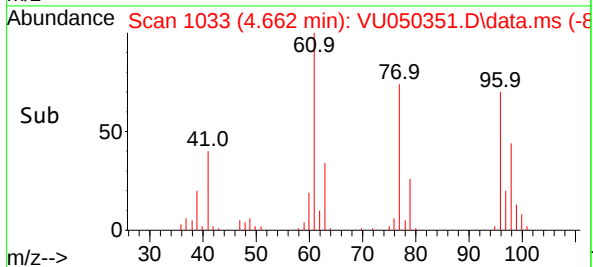
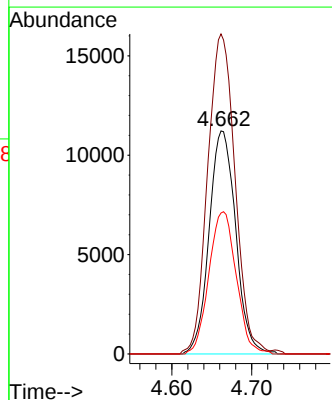
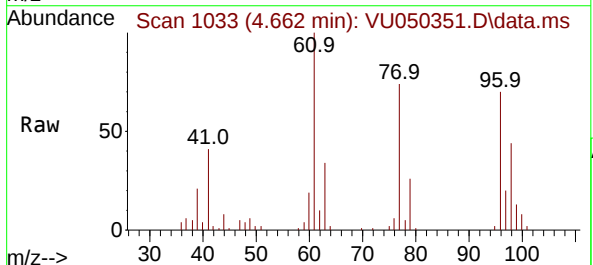
Tgt Ion: 96 Resp: 25896

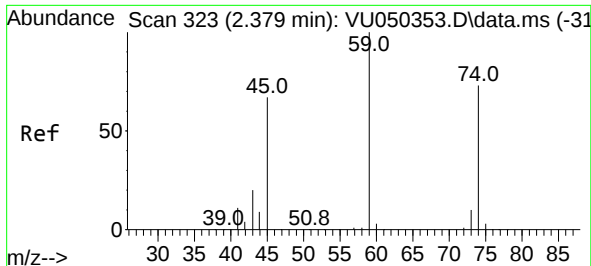
Ion Ratio Lower Upper

96 100

61 147.9 0.0 375.8

98 65.7 31.6 95.0





#23

Diethyl Ether

Concen: 2.643 ug/l

RT: 2.382 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

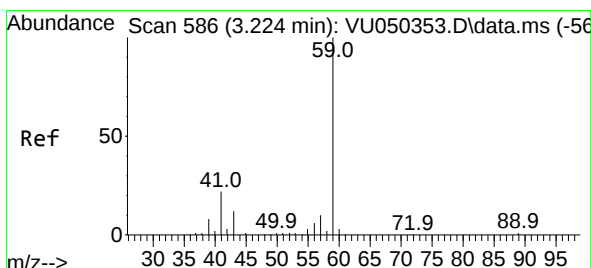
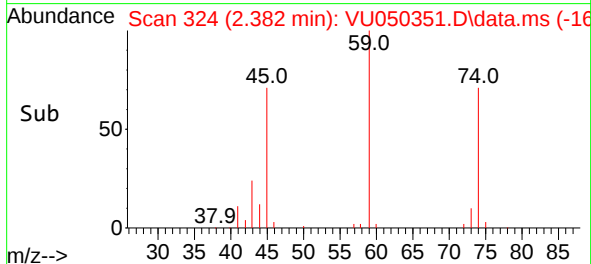
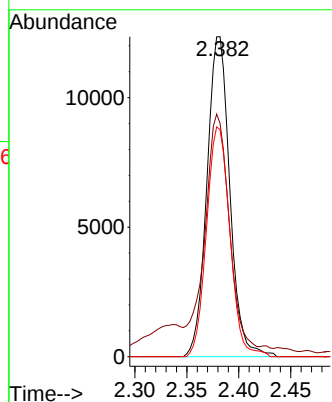
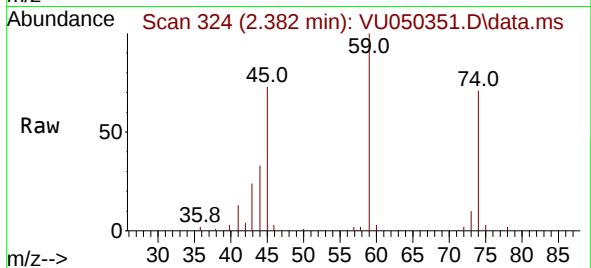
Tgt Ion: 59 Resp: 18936

Ion Ratio Lower Upper

59 100

45 77.6 56.0 84.0

74 73.0 57.6 86.4



#24

tert-Butyl Alcohol

Concen: 32.675 ug/l

RT: 3.218 min Scan# 584

Delta R.T. -0.006 min

Lab File: VU050351.D

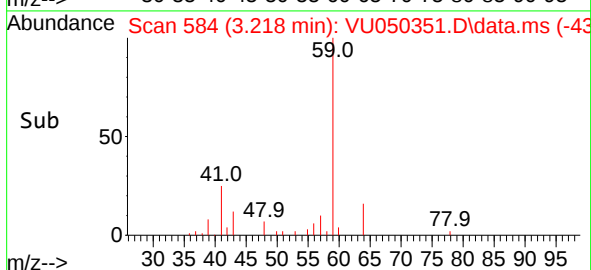
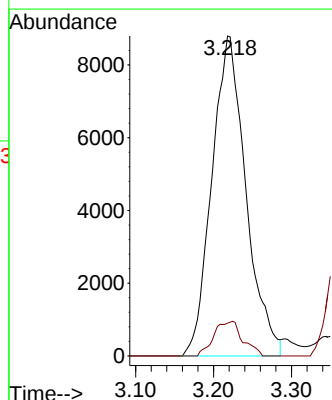
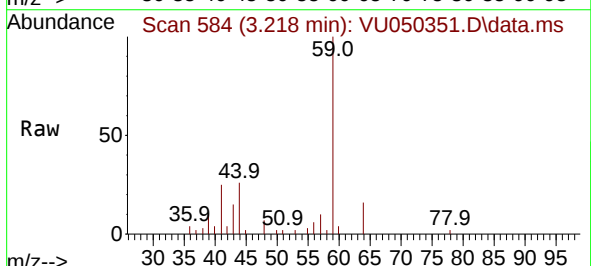
Acq: 17 Aug 2022 10:21

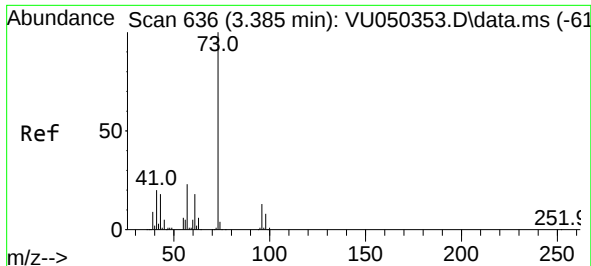
Tgt Ion: 59 Resp: 26708

Ion Ratio Lower Upper

59 100

57 9.2 8.2 12.2

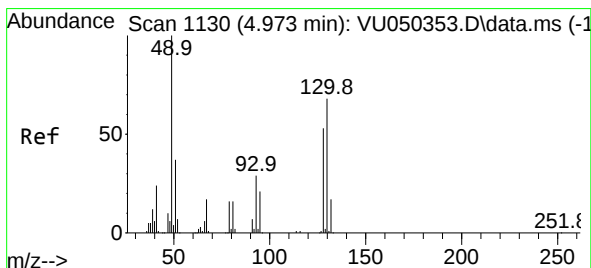
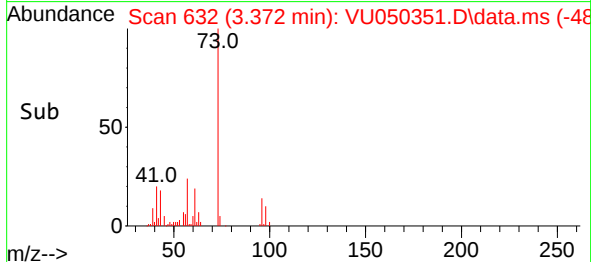
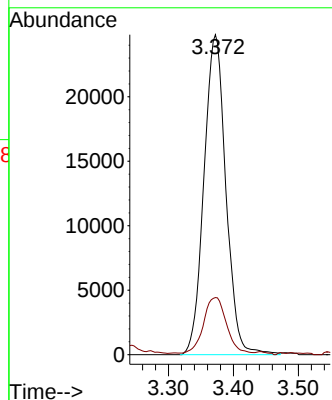
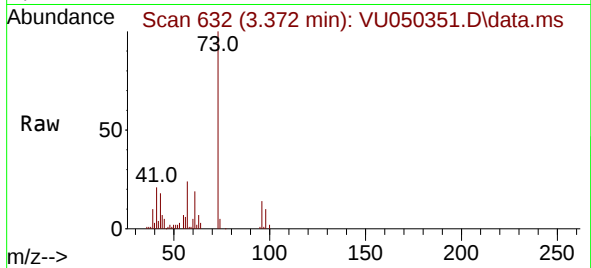




#25
Methyl tert-Butyl Ether
Concen: 2.481 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.013 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

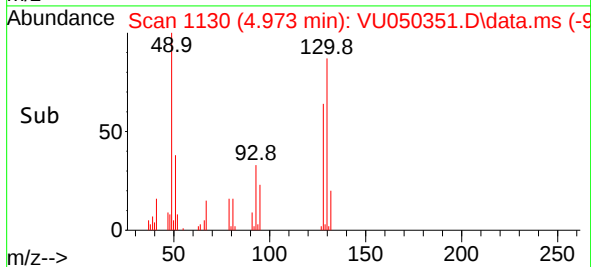
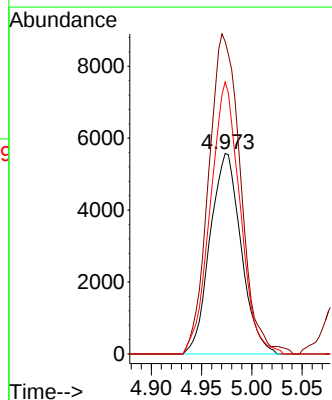
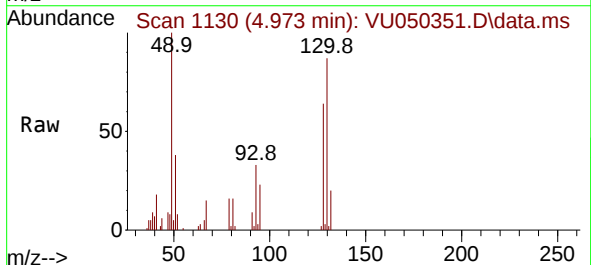
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

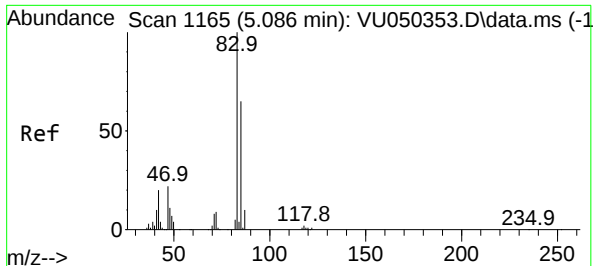
Tgt Ion: 73 Resp: 58355
Ion Ratio Lower Upper
73 100
43 18.4 15.9 23.9



#26
Bromochloromethane
Concen: 2.609 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion:128 Resp: 11962
Ion Ratio Lower Upper
128 100
49 164.0 0.0 349.2
130 130.2 103.0 154.6





#27

Chloroform

Concen: 2.458 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

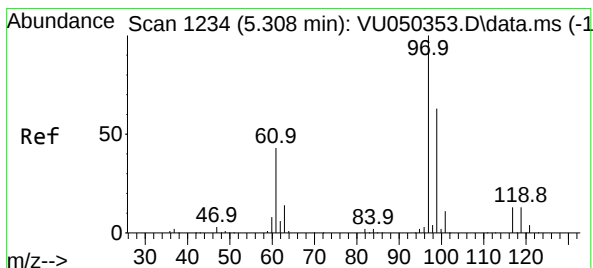
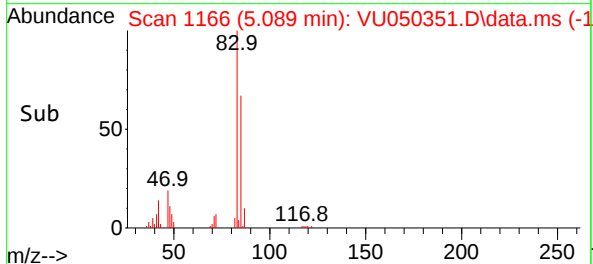
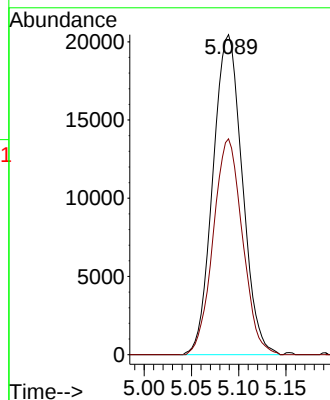
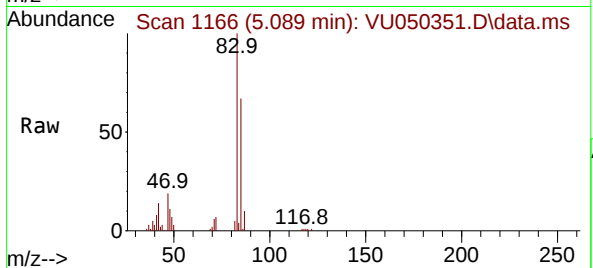
VSTDIC002

Tgt Ion: 83 Resp: 44181

Ion Ratio Lower Upper

83 100

85 67.5 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 2.097 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

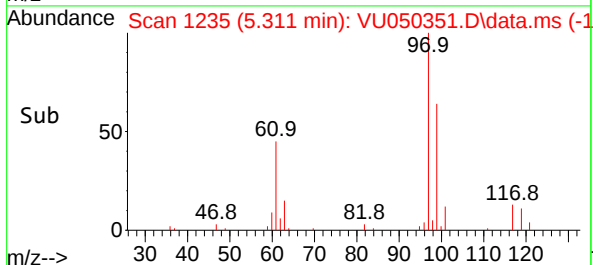
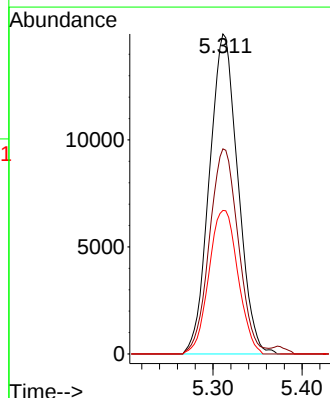
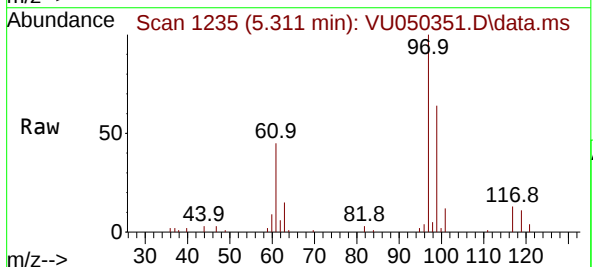
Tgt Ion: 97 Resp: 33239

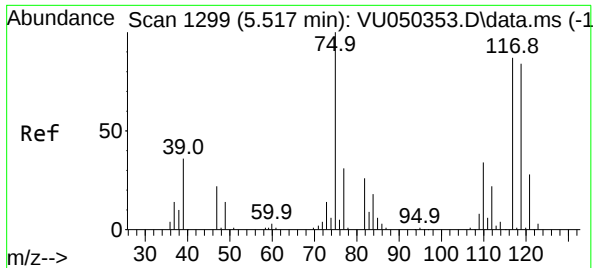
Ion Ratio Lower Upper

97 100

99 65.1 32.1 96.5

61 45.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.734 ug/l

RT: 5.523 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

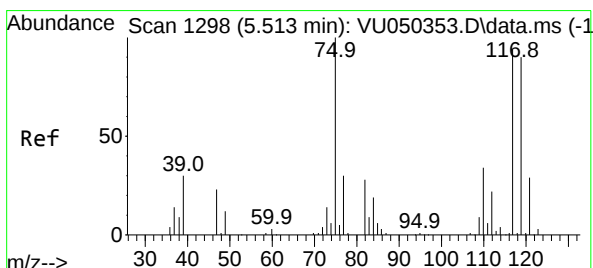
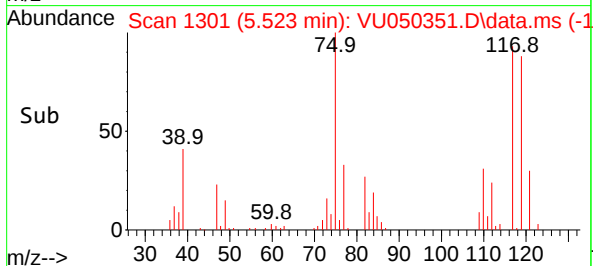
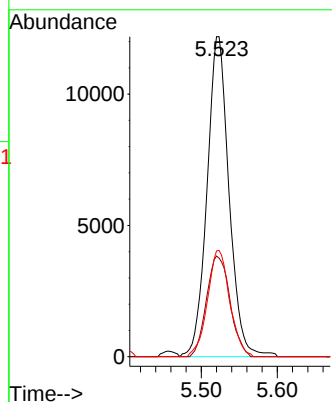
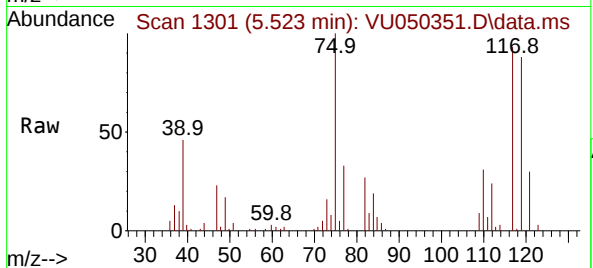
Tgt Ion: 75 Resp: 24539

Ion Ratio Lower Upper

75 100

110 33.4 17.3 52.0

77 33.4 24.6 37.0



#30

Carbon Tetrachloride

Concen: 2.015 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. 0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

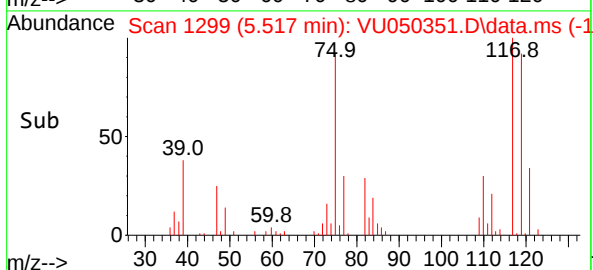
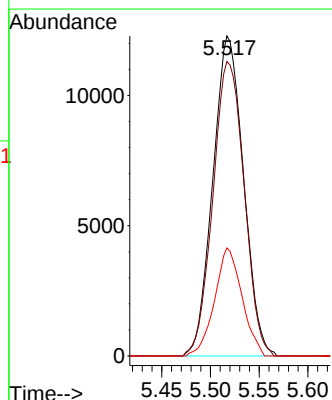
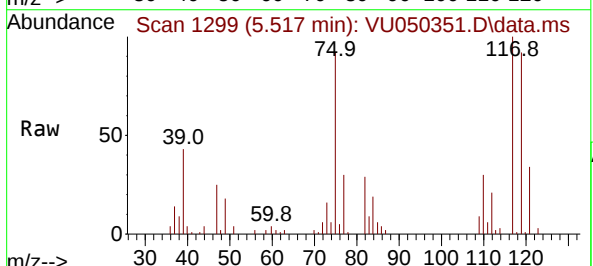
Tgt Ion: 117 Resp: 26886

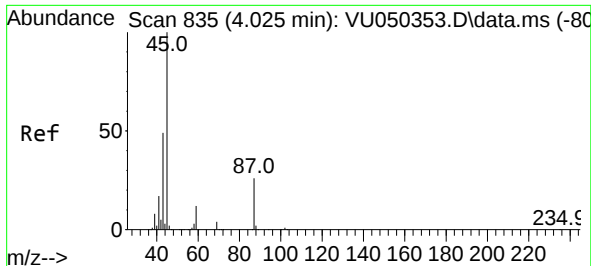
Ion Ratio Lower Upper

117 100

119 92.0 74.6 112.0

121 33.7 24.2 36.4

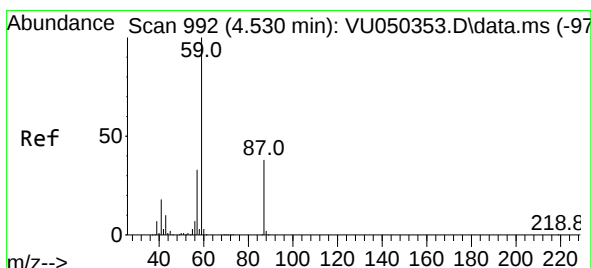
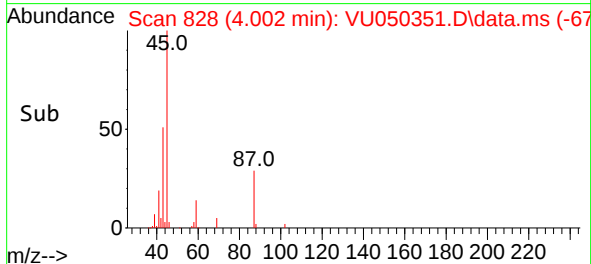
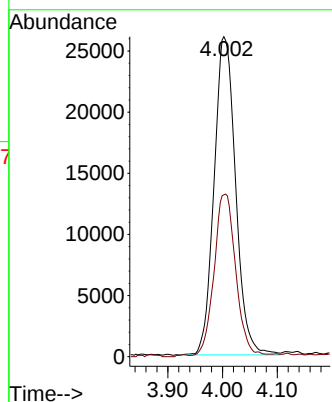
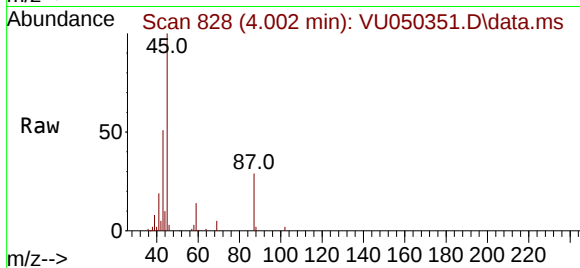




#31
Isopropyl Ether
Concen: 2.275 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.022 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

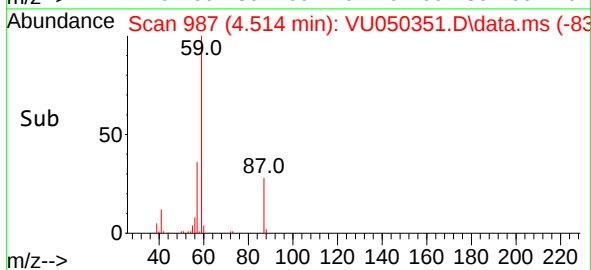
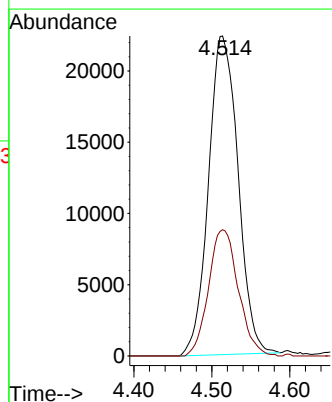
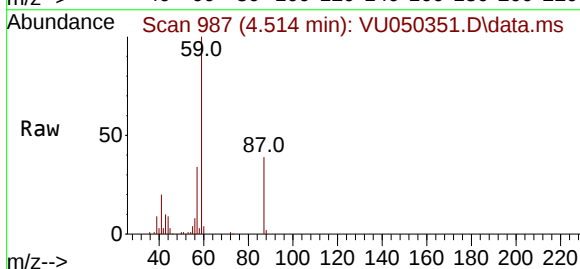
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

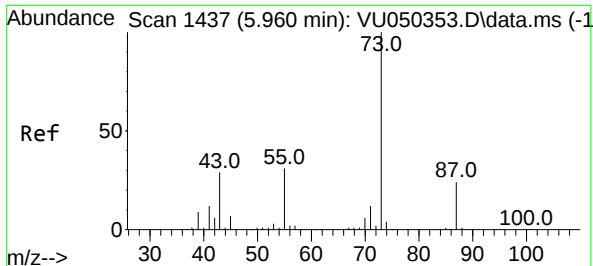
Tgt Ion: 45 Resp: 71254
Ion Ratio Lower Upper
45 100
43 50.3 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 1.988 ug/l
RT: 4.514 min Scan# 987
Delta R.T. -0.016 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 59 Resp: 58924
Ion Ratio Lower Upper
59 100
87 39.9 32.5 48.7

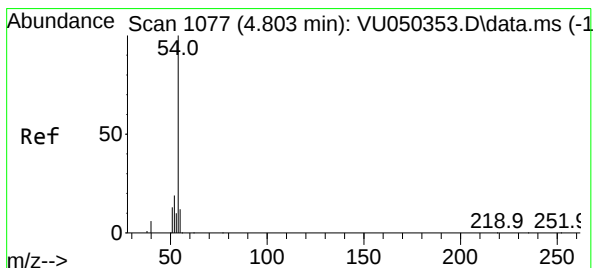
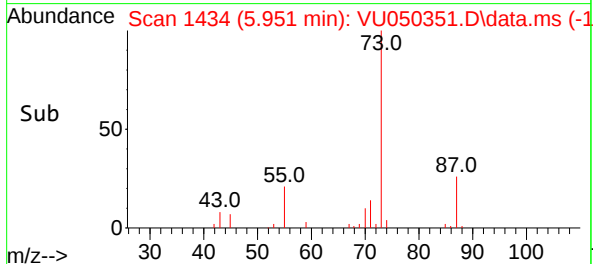
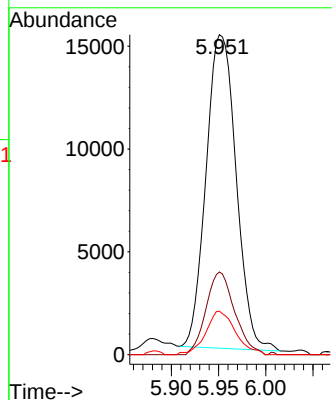
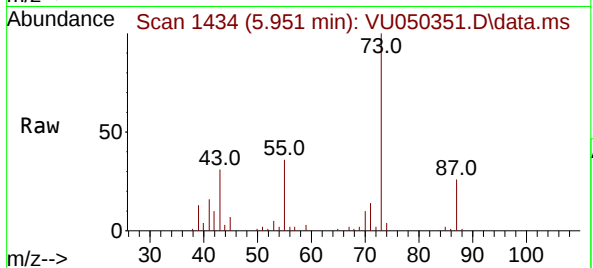




#33
Tert-Amyl methyl ether
Concen: 1.311 ug/l
RT: 5.951 min Scan# 1437
Delta R.T. -0.010 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

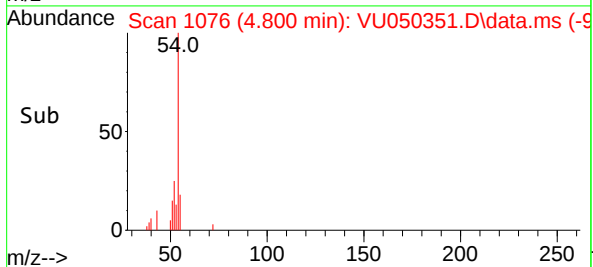
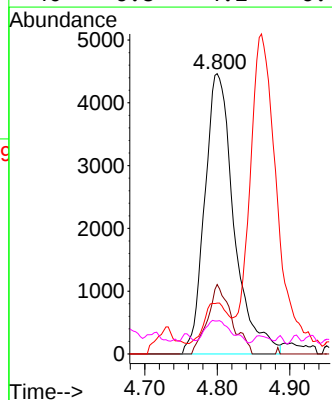
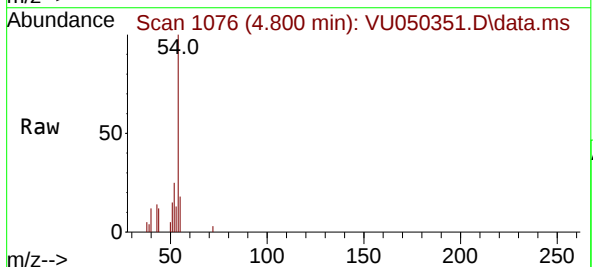
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

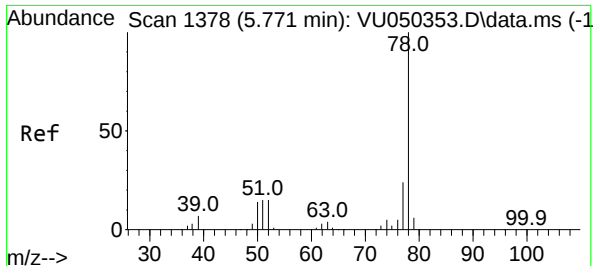
Tgt Ion: 73 Resp: 33780
Ion Ratio Lower Upper
73 100
87 25.0 19.7 29.5
71 13.7 9.0 13.4#



#34
Propionitrile
Concen: 14.449 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 54 Resp: 12529
Ion Ratio Lower Upper
54 100
52 18.4 15.0 22.6
55 16.0 12.6 19.0
40 6.8 4.2 6.4#

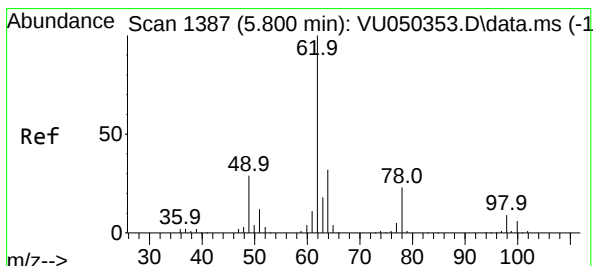
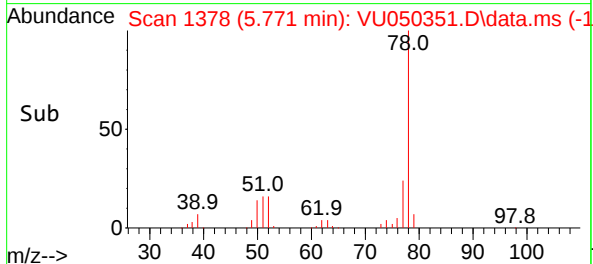
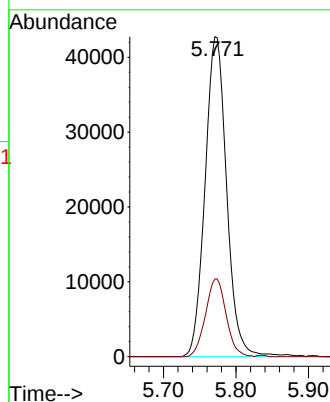
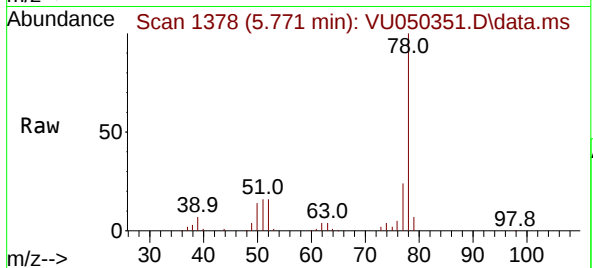




#35
Benzene
Concen: 2.192 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

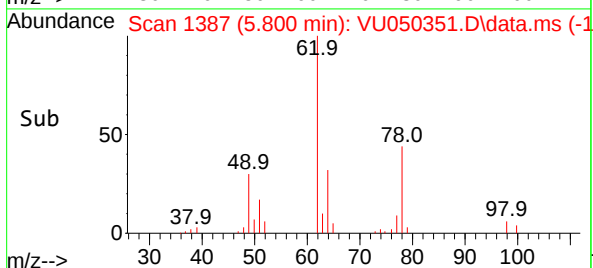
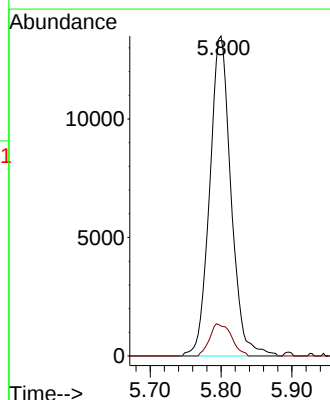
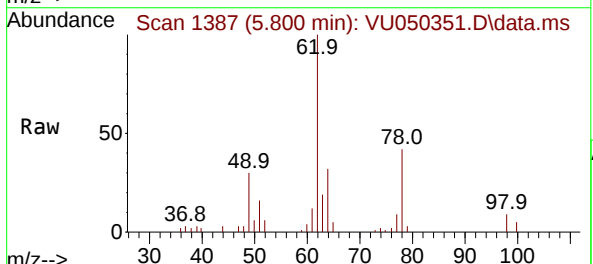
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

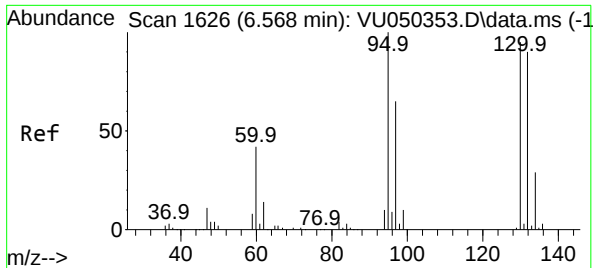
Tgt Ion: 78 Resp: 88410
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0



#36
1,2-Dichloroethane
Concen: 2.458 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 62 Resp: 28192
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0

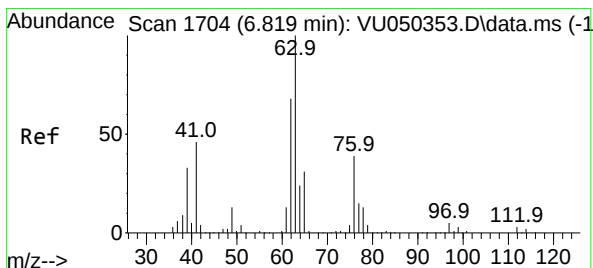
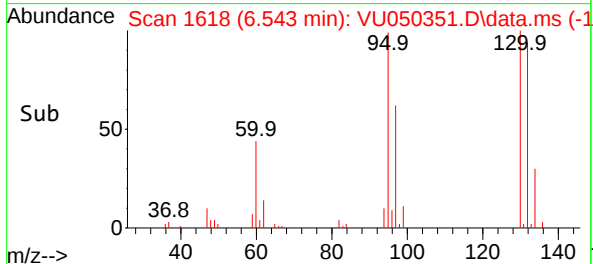
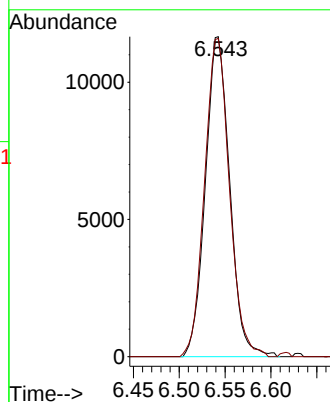
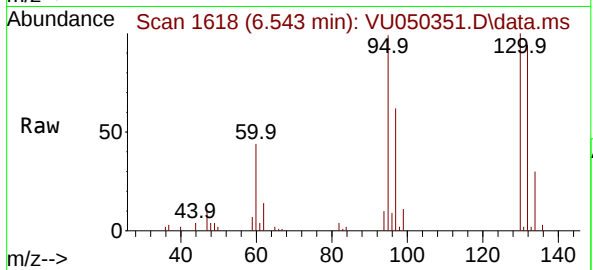




#37
Trichloroethene
Concen: 2.112 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.026 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

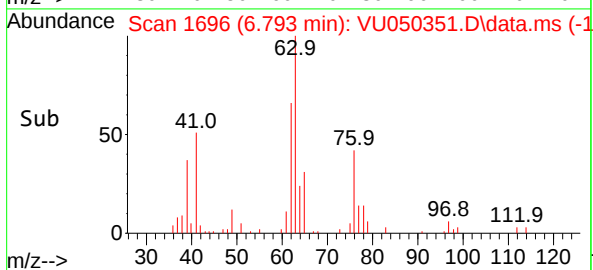
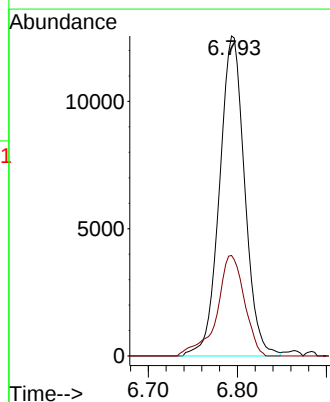
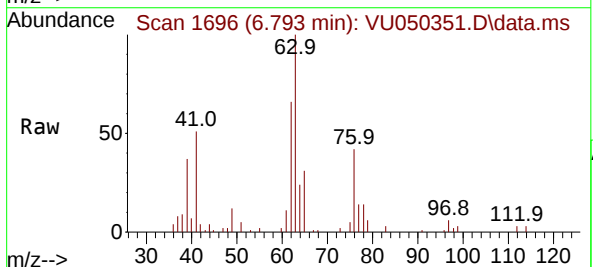
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

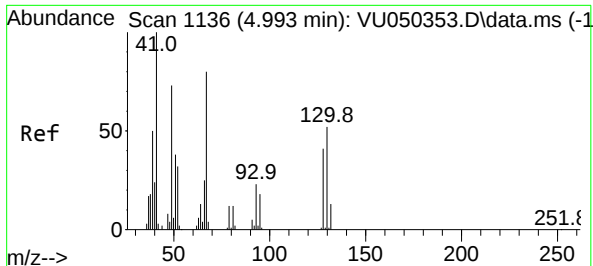
Tgt Ion:130 Resp: 21527
Ion Ratio Lower Upper
130 100
95 99.5 83.8 125.8



#38
1,2-Dichloropropane
Concen: 2.313 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.026 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 63 Resp: 24700
Ion Ratio Lower Upper
63 100
65 31.4 25.0 37.4





#39

Methacrylonitrile

Concen: 1.983 ug/l

RT: 4.986 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 41 Resp: 7368

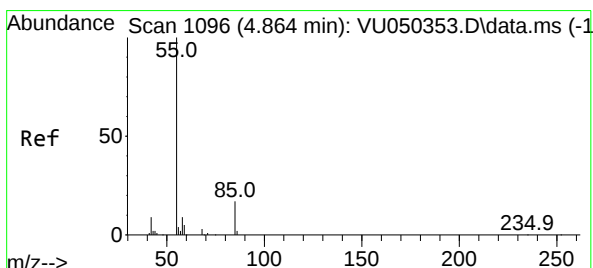
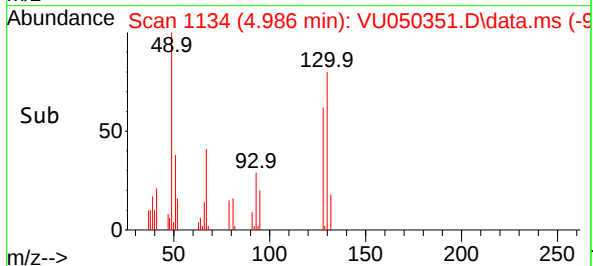
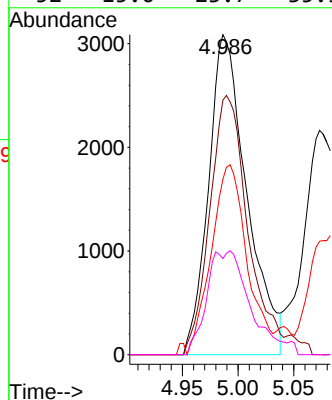
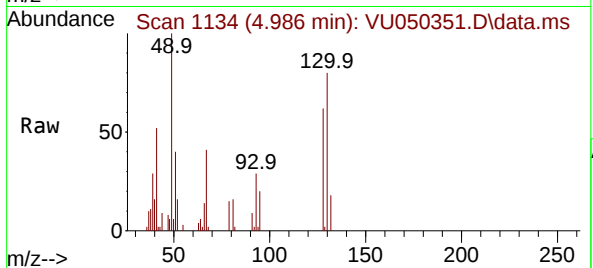
Ion Ratio Lower Upper

41 100

67 83.3 59.4 89.0

39 55.6 42.2 63.2

52 15.0 23.7 35.5#



#40

Methyl acrylate

Concen: 2.289 ug/l

RT: 4.861 min Scan# 1095

Delta R.T. -0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Tgt Ion: 55 Resp: 13317

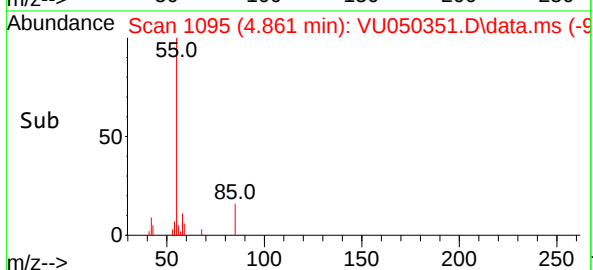
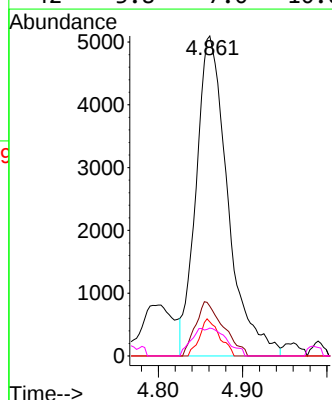
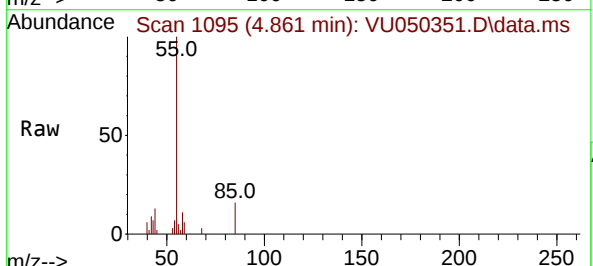
Ion Ratio Lower Upper

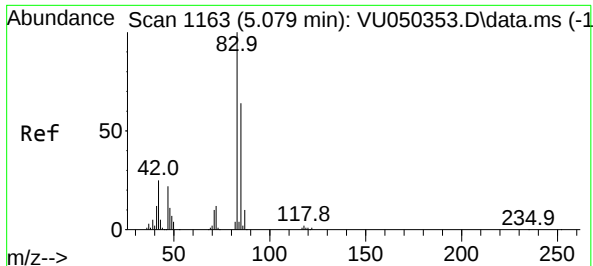
55 100

85 14.9 13.5 20.3

58 7.3 7.0 10.4

42 3.8 7.0 10.6#





#41

Tetrahydrofuran

Concen: 3.822 ug/l

RT: 5.080 min Scan# 1163

Delta R.T. 0.000 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

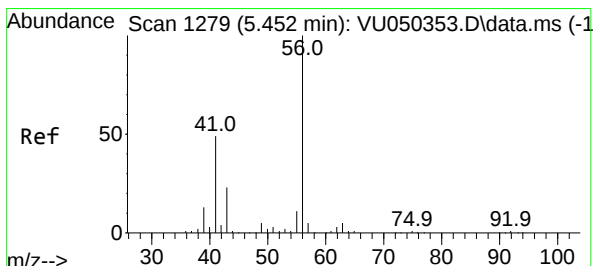
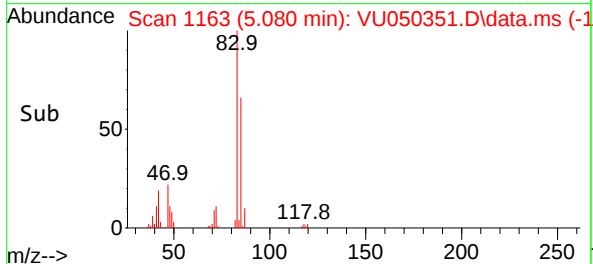
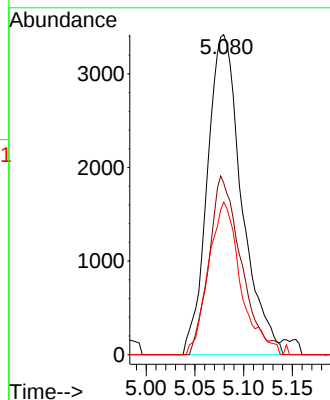
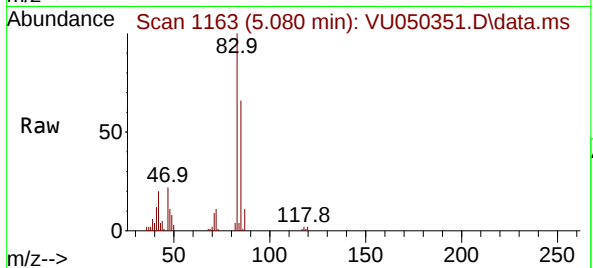
Tgt Ion: 42 Resp: 8393

Ion Ratio Lower Upper

42 100

72 52.3 38.9 58.3

71 44.7 33.7 50.5



#42

1-Chlorobutane

Concen: 1.748 ug/l

RT: 5.456 min Scan# 1280

Delta R.T. 0.003 min

Lab File: VU050351.D

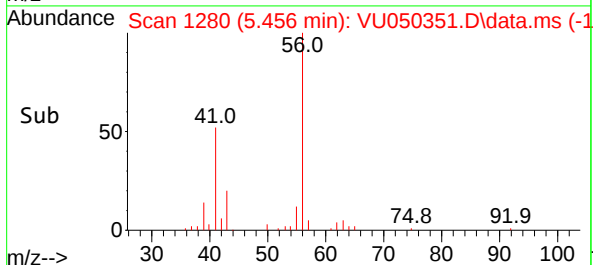
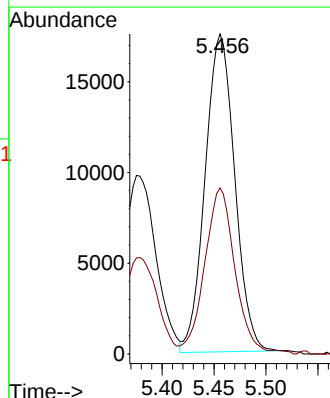
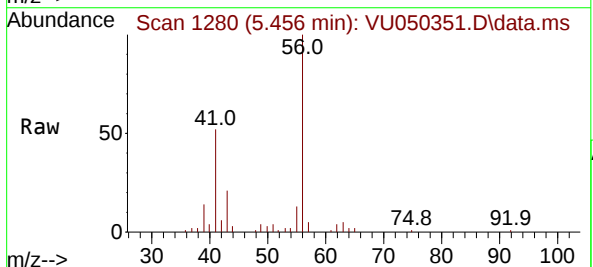
Acq: 17 Aug 2022 10:21

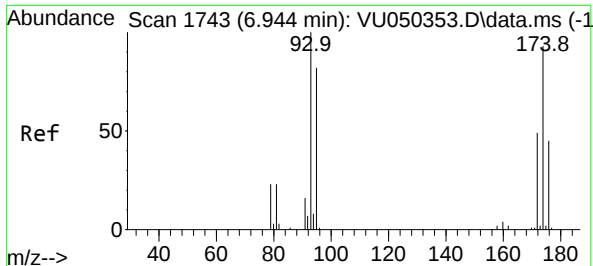
Tgt Ion: 56 Resp: 34693

Ion Ratio Lower Upper

56 100

41 51.0 26.4 79.2

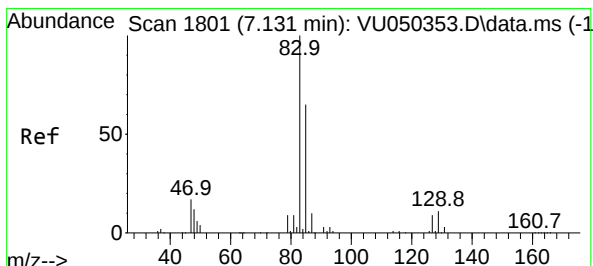
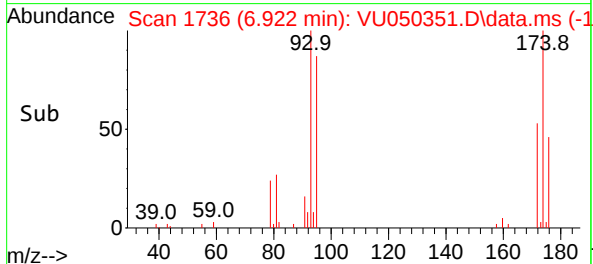
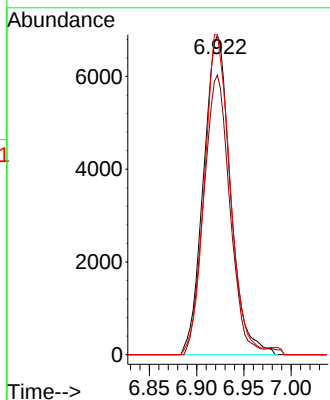
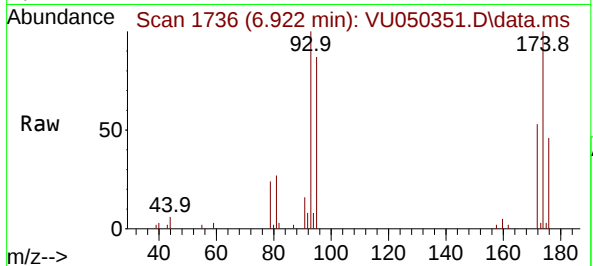




#43
Dibromomethane
Concen: 2.561 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.022 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

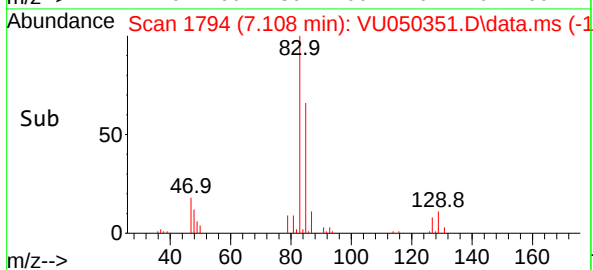
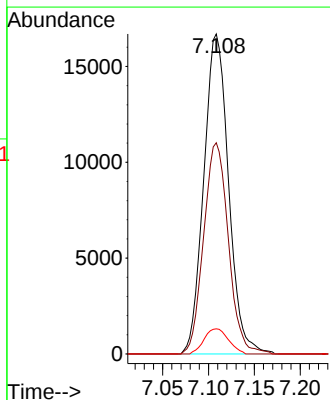
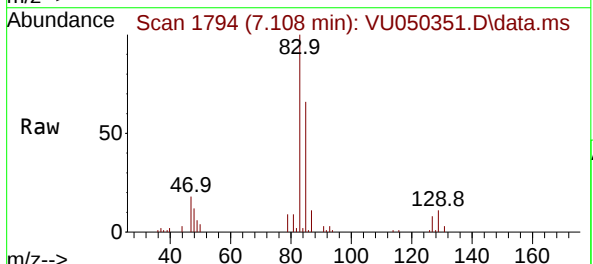
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

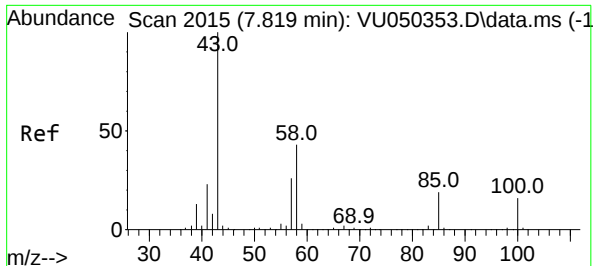
Tgt Ion: 93 Resp: 13626
Ion Ratio Lower Upper
93 100
95 84.7 65.0 97.6
174 95.2 76.3 114.5



#44
Bromodichloromethane
Concen: 2.466 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.022 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 83 Resp: 31440
Ion Ratio Lower Upper
83 100
85 66.0 49.4 74.0
127 7.9 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 9.574 ug/l

RT: 7.806 min Scan# 2011

Delta R.T. -0.013 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

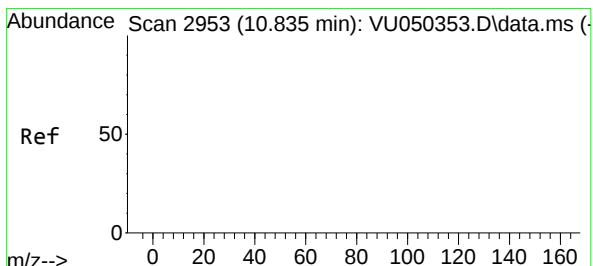
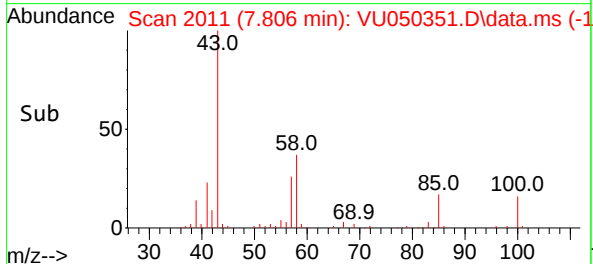
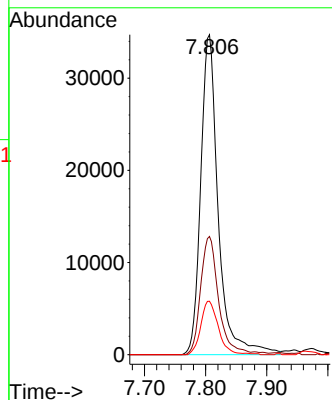
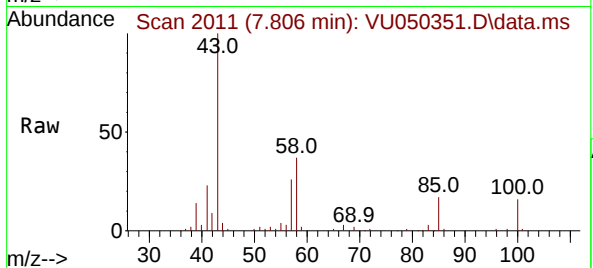
Tgt Ion: 43 Resp: 69133

Ion Ratio Lower Upper

43 100

58 37.6 20.3 61.0

85 16.9 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 3.922 ug/l m

RT: 10.832 min Scan# 2952

Delta R.T. -0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Tgt Ion: 75 Resp: 9217

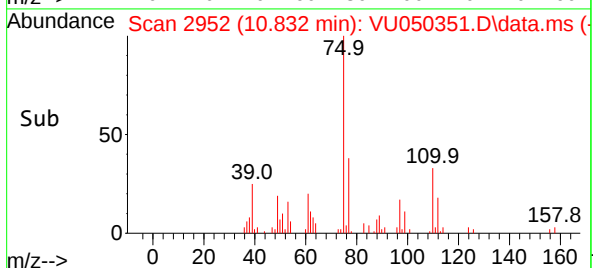
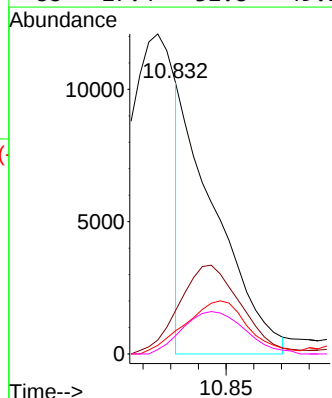
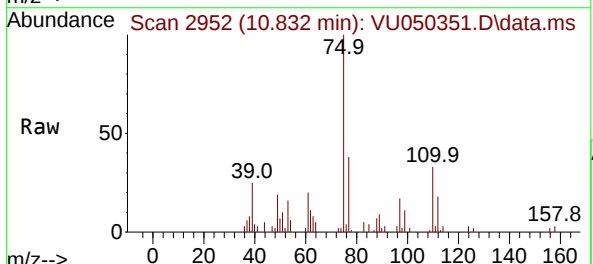
Ion Ratio Lower Upper

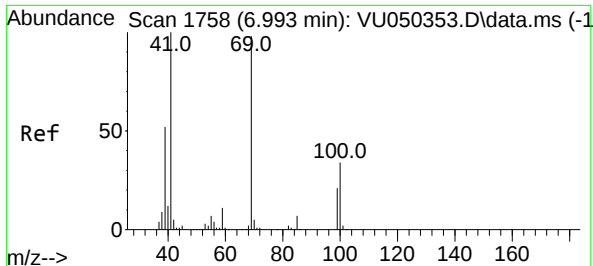
75 100

53 57.1 64.4 96.6#

89 34.7 44.2 66.2#

88 27.4 32.8 49.2#





#47

Methyl methacrylate

Concen: 3.655 ug/l

RT: 6.970 min Scan# 1

Delta R.T. -0.022 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 69 Resp: 19608

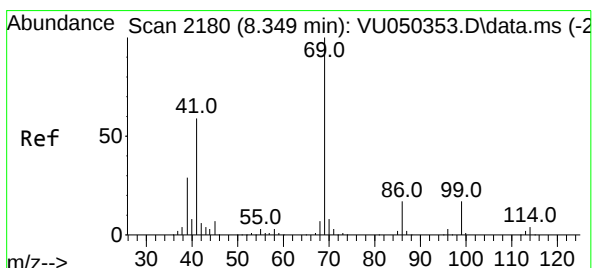
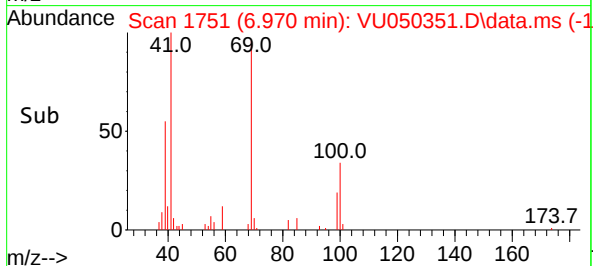
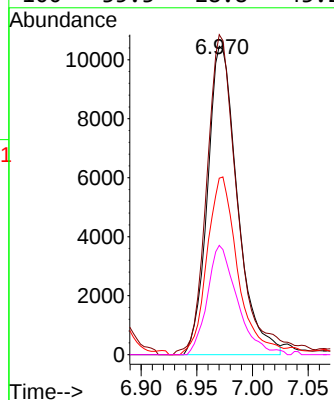
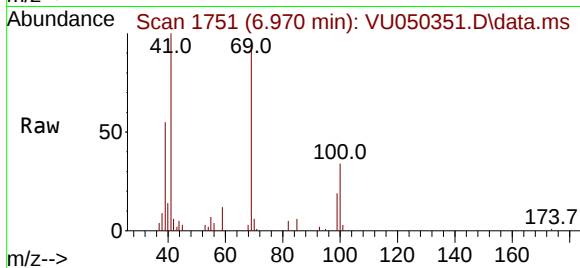
Ion Ratio Lower Upper

69 100

41 107.2 0.0 225.4

39 58.9 45.8 68.8

100 35.3 28.8 43.2



#48

Ethyl methacrylate

Concen: 1.638 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. -0.009 min

Lab File: VU050351.D

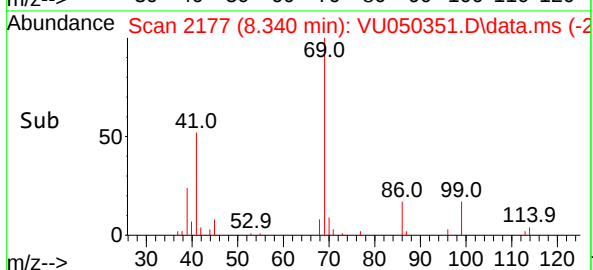
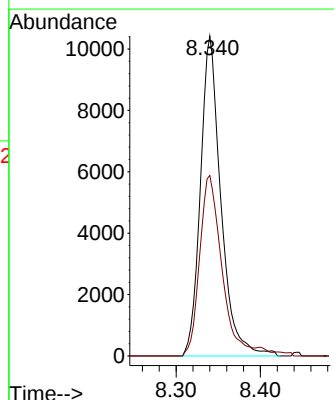
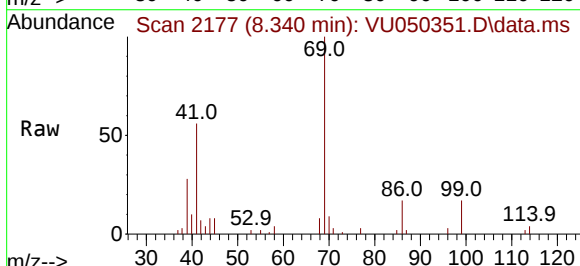
Acq: 17 Aug 2022 10:21

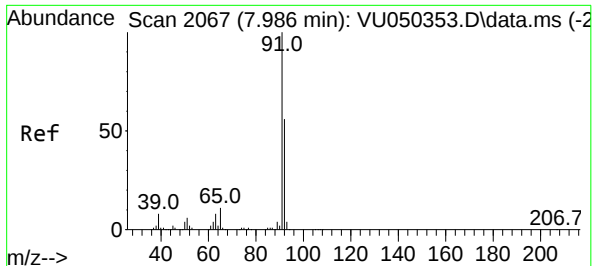
Tgt Ion: 69 Resp: 17630

Ion Ratio Lower Upper

69 100

41 60.6 32.3 96.9





#49

Toluene

Concen: 1.928 ug/l

RT: 7.970 min Scan# 2067

Delta R.T. -0.016 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

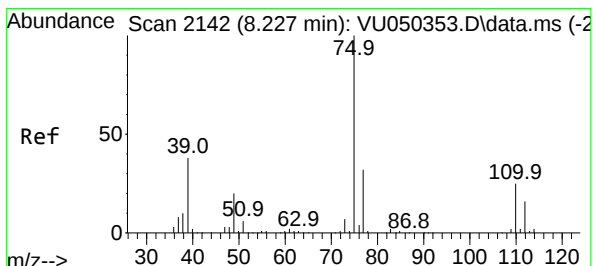
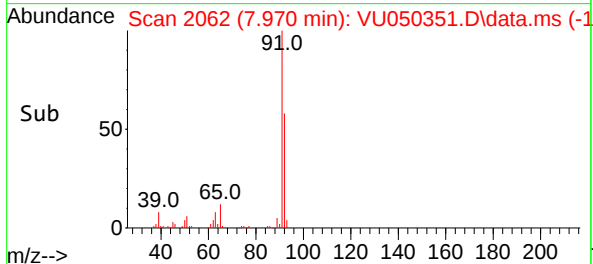
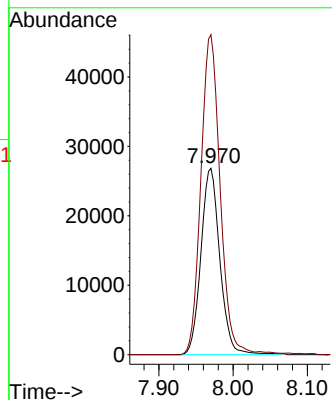
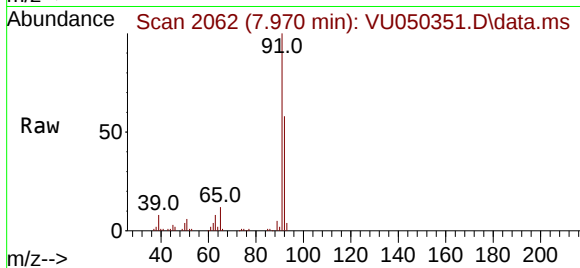
VSTDICC002

Tgt Ion: 92 Resp: 47479

Ion Ratio Lower Upper

92 100

91 174.1 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 2.061 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.016 min

Lab File: VU050351.D

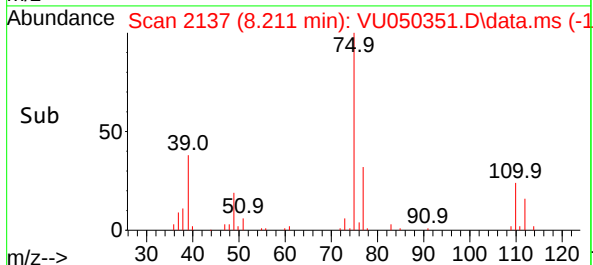
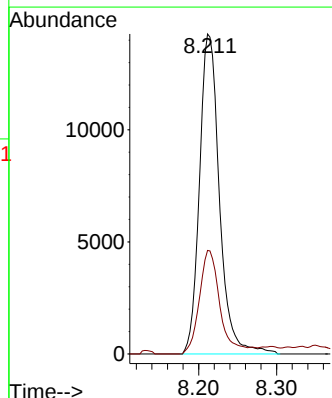
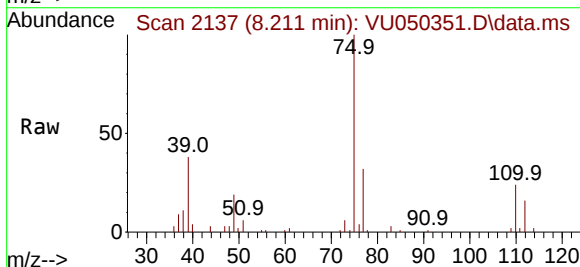
Acq: 17 Aug 2022 10:21

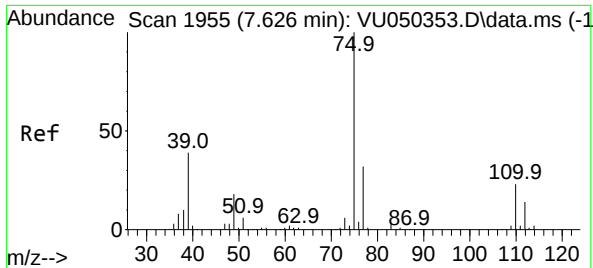
Tgt Ion: 75 Resp: 25385

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

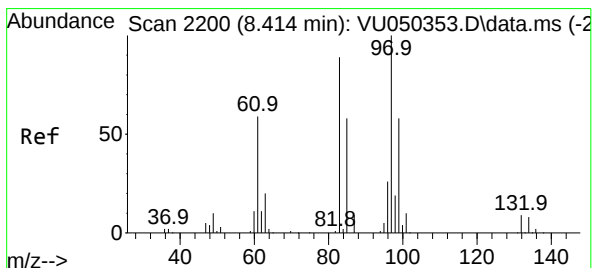
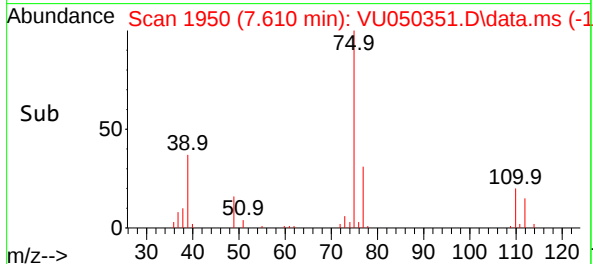
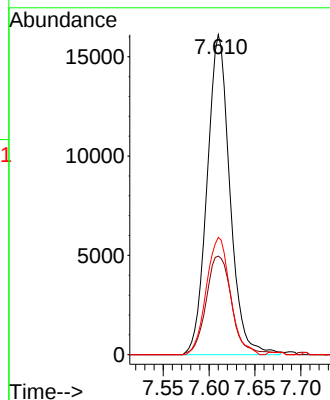
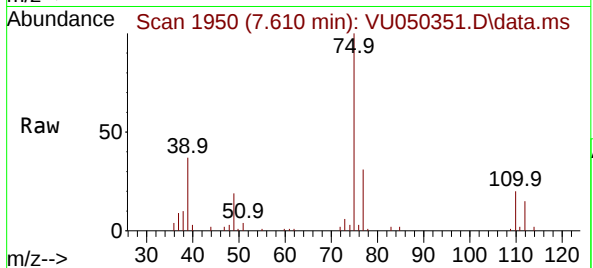




#51
 cis-1,3-Dichloropropene
 Concen: 1.911 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.016 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

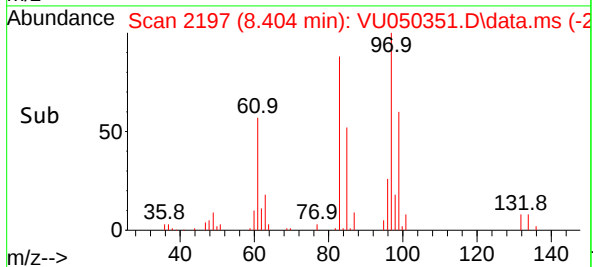
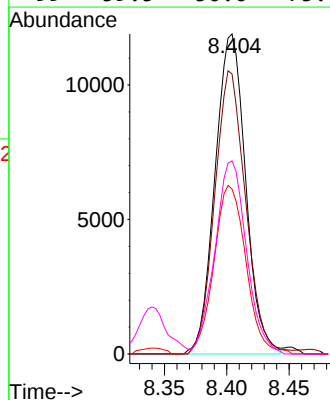
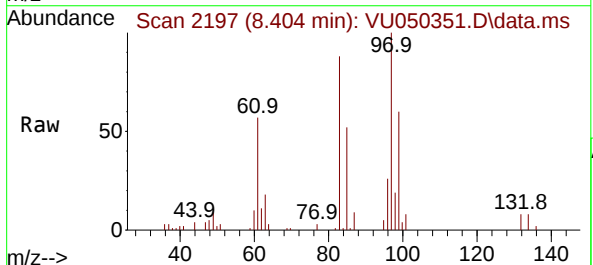
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

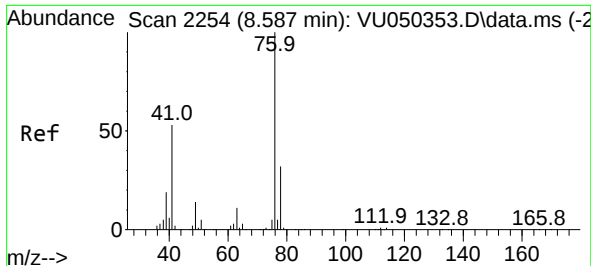
Tgt Ion: 75 Resp: 27900
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 36.6 35.1 52.7



#52
 1,1,2-Trichloroethane
 Concen: 2.767 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. -0.009 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

Tgt Ion: 97 Resp: 20313
 Ion Ratio Lower Upper
 97 100
 83 87.5 70.6 106.0
 85 51.6 46.2 69.4
 99 59.5 50.0 75.0





#53

1,3-Dichloropropane

Concen: 2.347 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.010 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

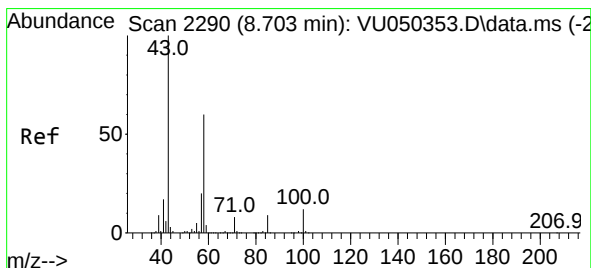
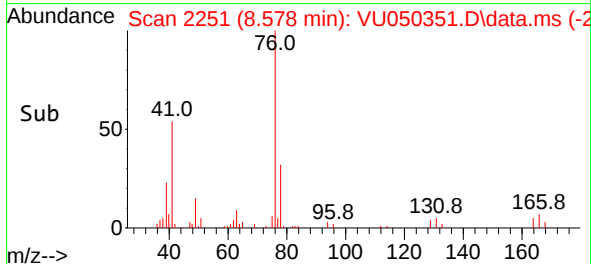
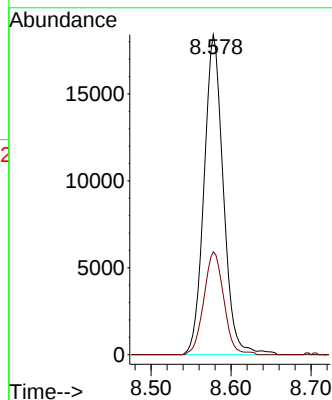
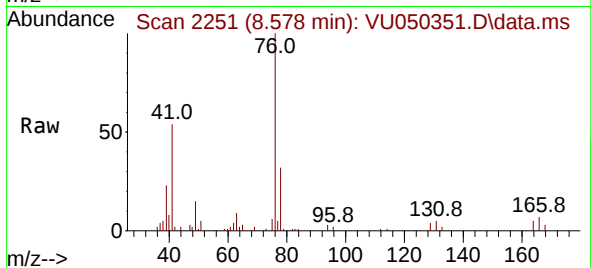
VSTDICC002

Tgt Ion: 76 Resp: 30925

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#54

2-Hexanone

Concen: 9.322 ug/l

RT: 8.694 min Scan# 2287

Delta R.T. -0.009 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

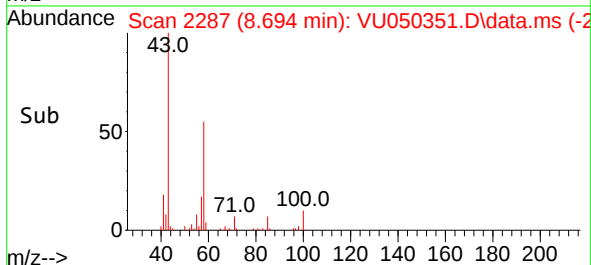
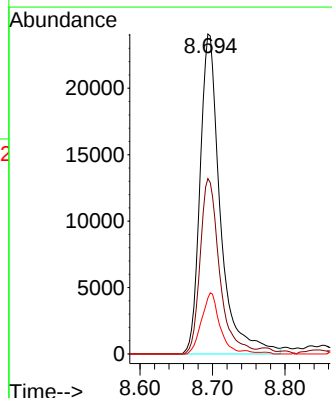
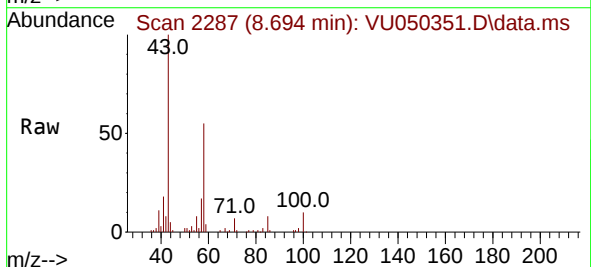
Tgt Ion: 43 Resp: 46750

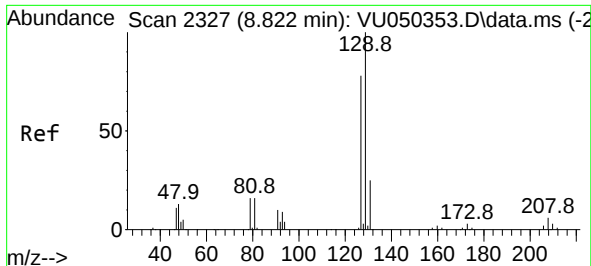
Ion Ratio Lower Upper

43 100

58 52.6 37.1 77.1

57 17.0 0.0 39.5





#55

Dibromochloromethane

Concen: 2.576 ug/l

RT: 8.809 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

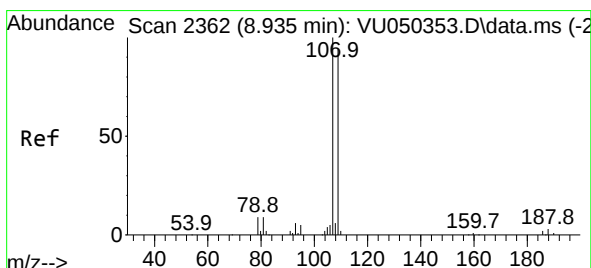
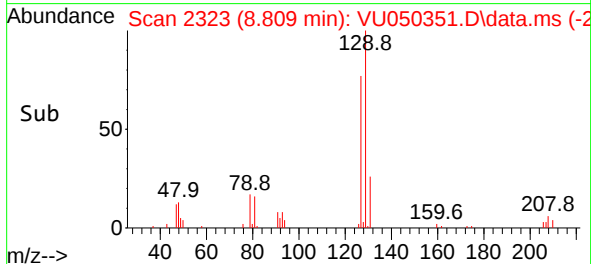
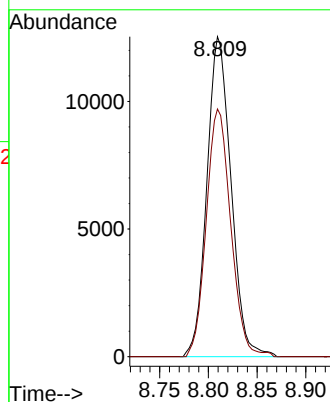
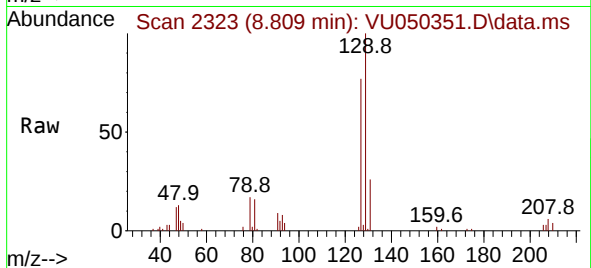
VSTDICC002

Tgt Ion:129 Resp: 21603

Ion Ratio Lower Upper

129 100

127 78.5 61.2 91.8



#56

1,2-Dibromoethane

Concen: 2.483 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. -0.010 min

Lab File: VU050351.D

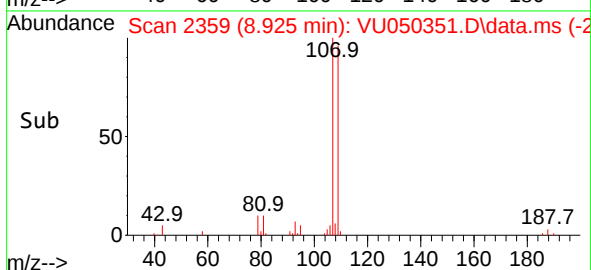
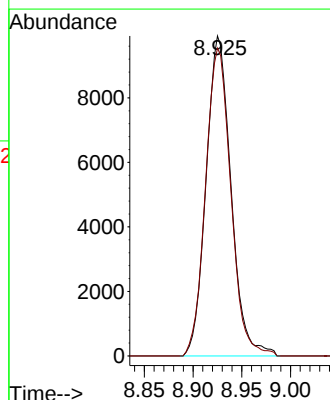
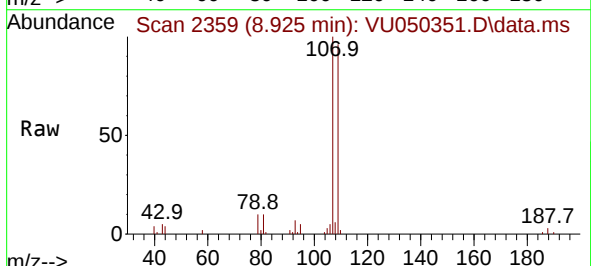
Acq: 17 Aug 2022 10:21

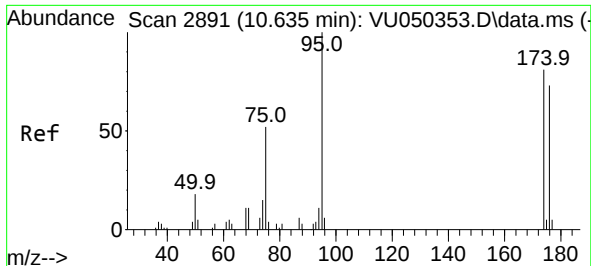
Tgt Ion:107 Resp: 17651

Ion Ratio Lower Upper

107 100

109 97.7 0.0 187.2

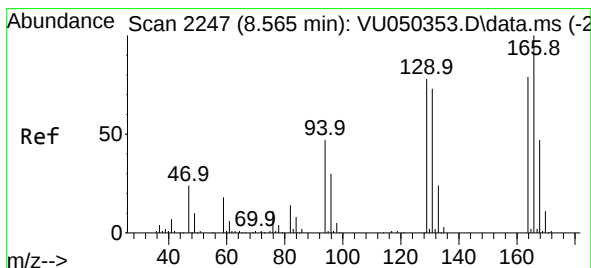
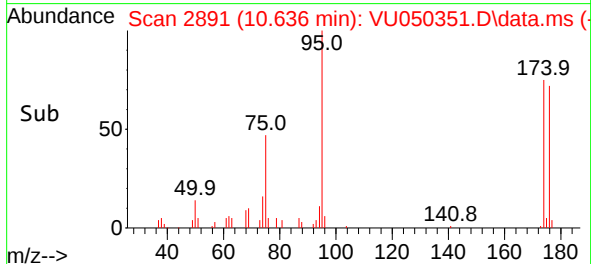
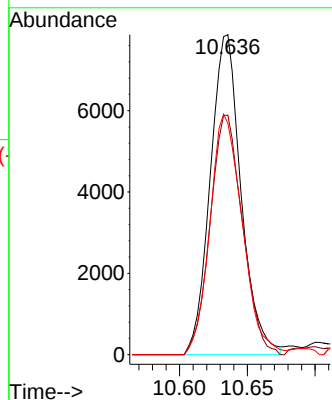
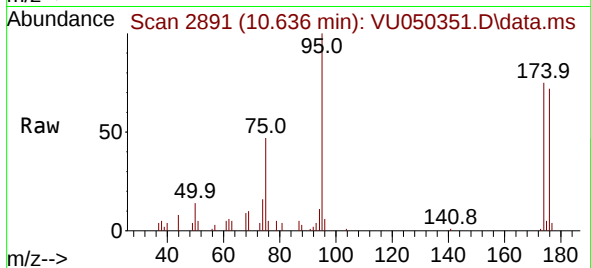




#57
4-Bromofluorobenzene
Concen: 0.913 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

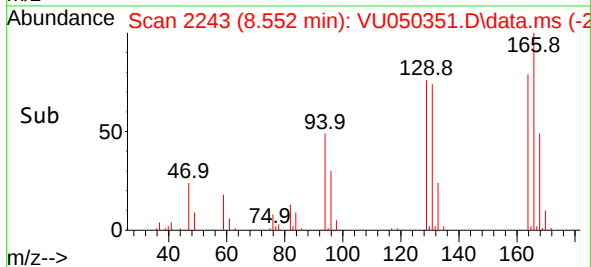
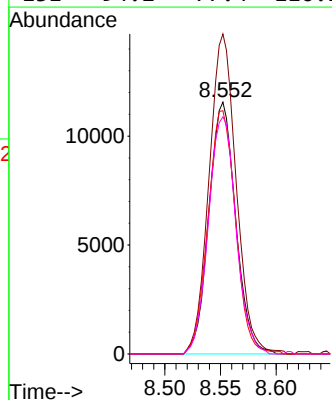
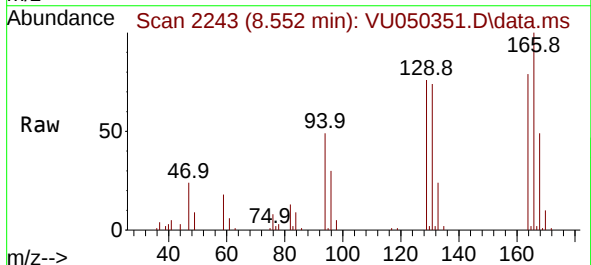
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

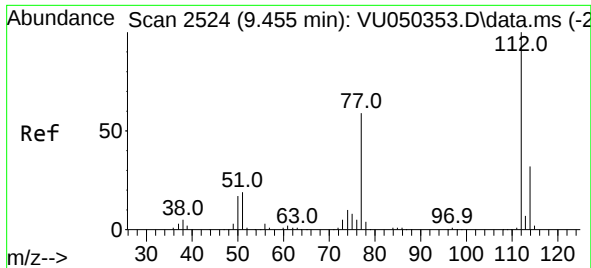
Tgt Ion: 95 Resp: 12408
Ion Ratio Lower Upper
95 100
174 78.6 62.4 93.6
176 79.0 56.2 84.2



#58
Tetrachloroethene
Concen: 2.284 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.013 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 164 Resp: 19356
Ion Ratio Lower Upper
164 100
166 127.1 102.4 153.6
129 96.6 79.5 119.3
131 94.2 77.4 116.2





#59

Chlorobenzene

Concen: 2.038 ug/l

RT: 9.446 min Scan# 2

Delta R.T. -0.010 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

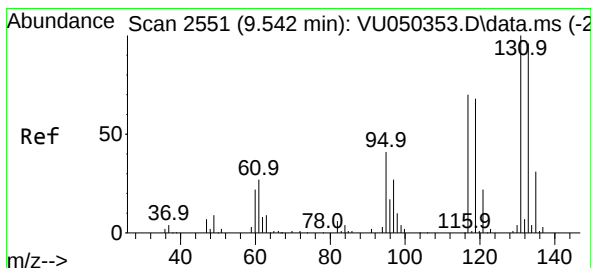
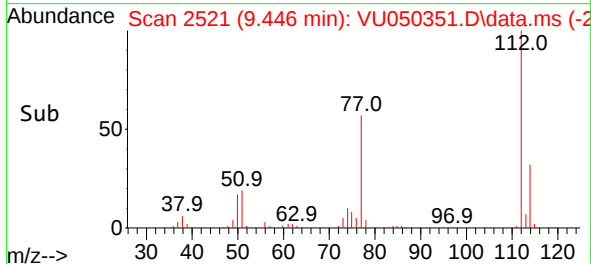
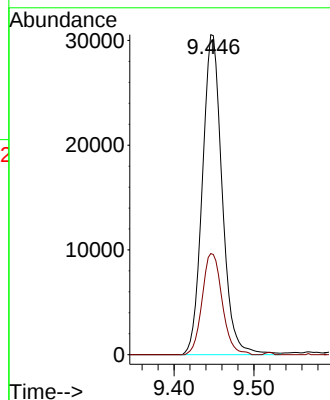
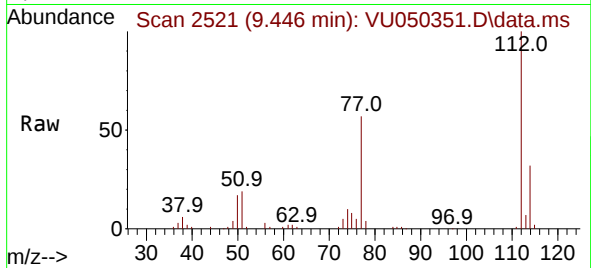
VSTDIC002

Tgt Ion:112 Resp: 52513

Ion Ratio Lower Upper

112 100

114 31.6 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 2.420 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.009 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

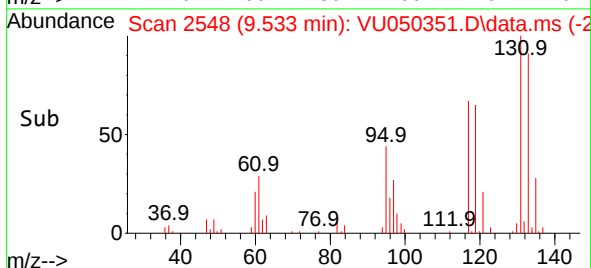
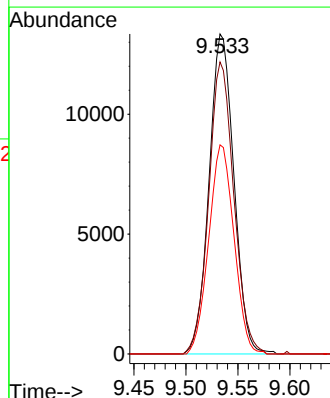
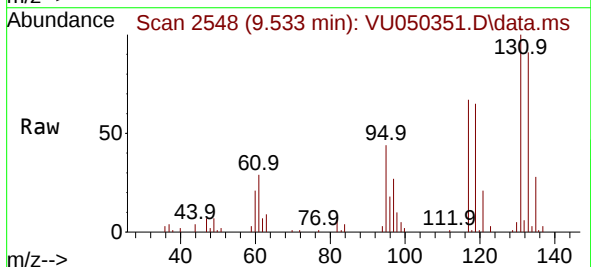
Tgt Ion:131 Resp: 22179

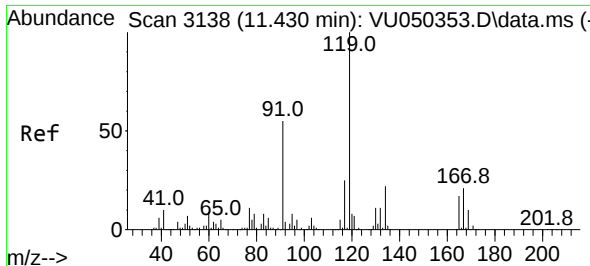
Ion Ratio Lower Upper

131 100

133 92.6 78.3 117.5

119 66.5 53.2 79.8

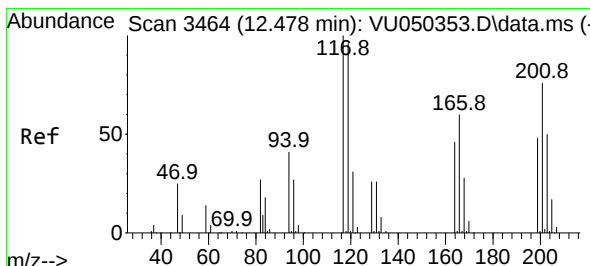
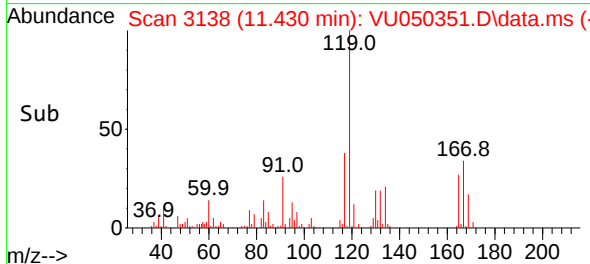
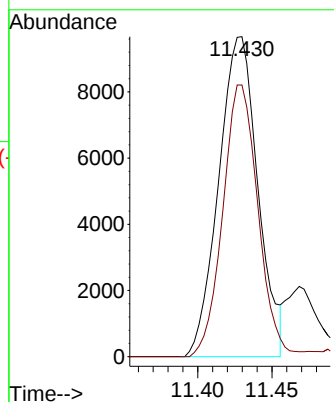
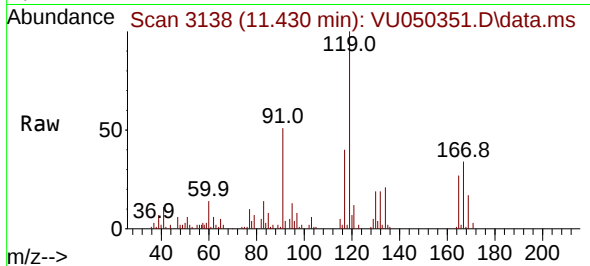




#61
 Pentachloroethane
 Concen: 2.522 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

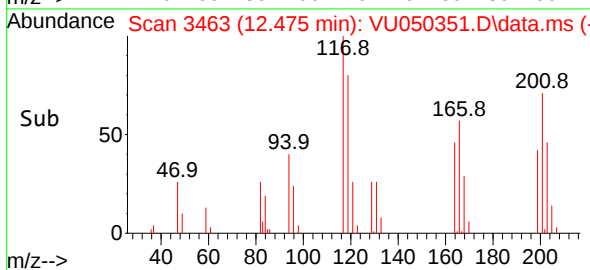
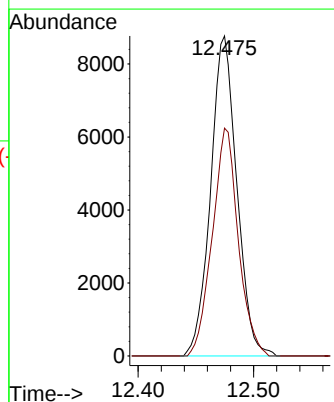
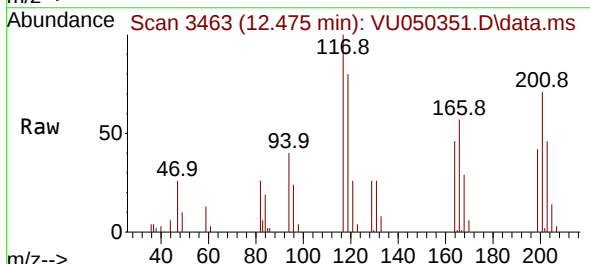
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

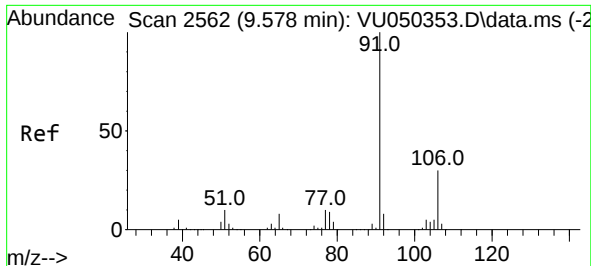
Tgt Ion:117 Resp: 17749
 Ion Ratio Lower Upper
 117 100
 167 76.3 66.2 99.4



#62
 Hexachloroethane
 Concen: 1.964 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.003 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

Tgt Ion:117 Resp: 13840
 Ion Ratio Lower Upper
 117 100
 201 70.5 61.0 91.4





#63

Ethyl Benzene

Concen: 1.638 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.006 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

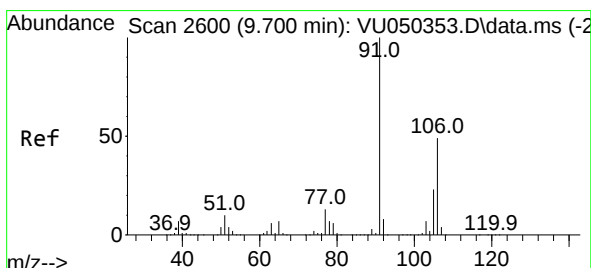
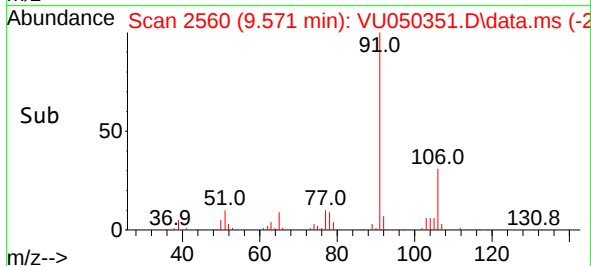
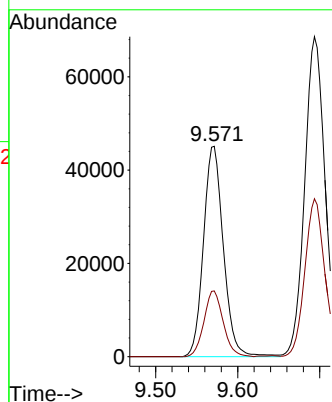
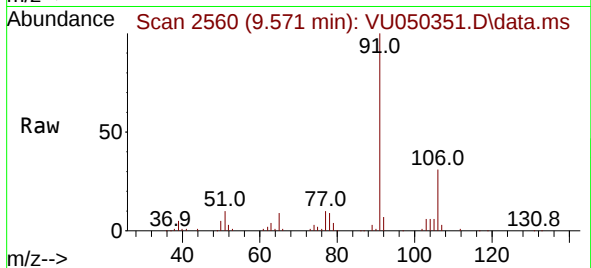
VSTDICC002

Tgt Ion: 91 Resp: 75970

Ion Ratio Lower Upper

91 100

106 31.2 24.4 36.6



#64

m/p-Xylenes

Concen: 3.359 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. -0.006 min

Lab File: VU050351.D

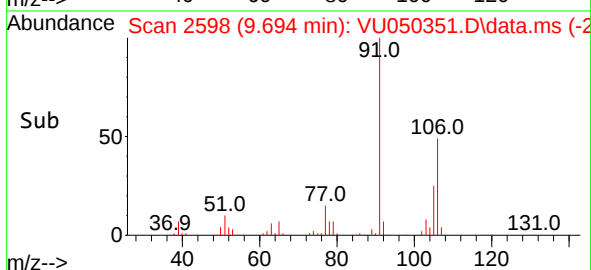
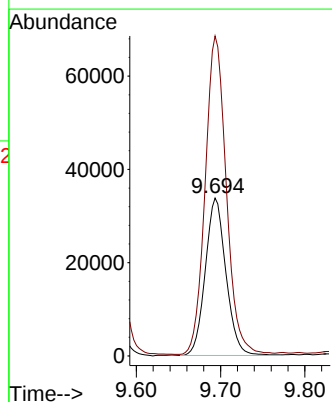
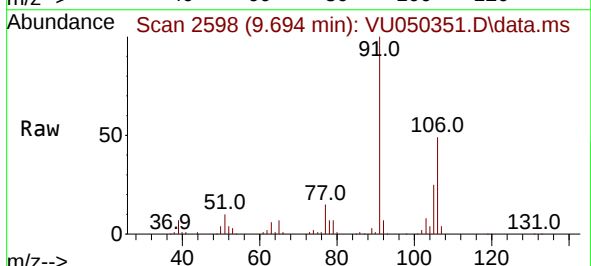
Acq: 17 Aug 2022 10:21

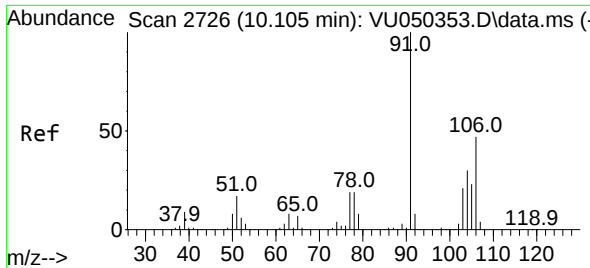
Tgt Ion: 106 Resp: 57615

Ion Ratio Lower Upper

106 100

91 206.7 167.8 251.6

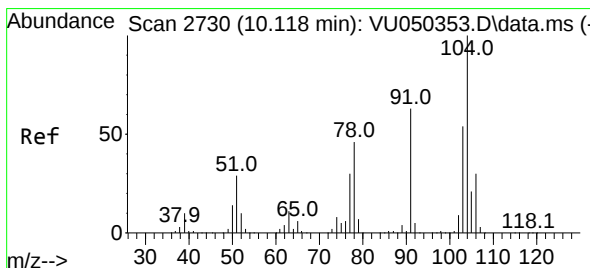
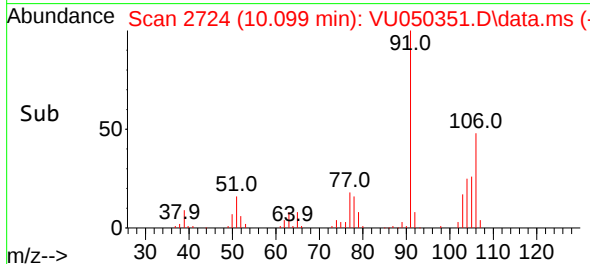
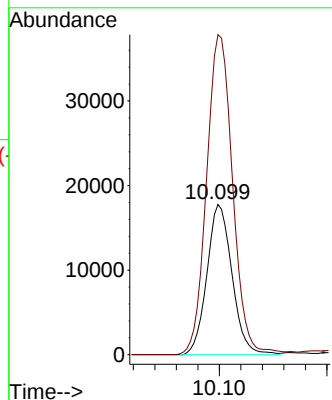
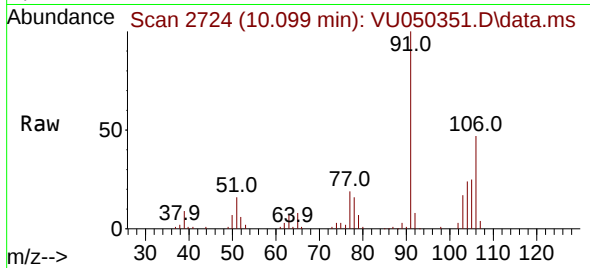




#65
o-Xylene
Concen: 1.707 ug/l
RT: 10.099 min Scan# 2726
Delta R.T. -0.006 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

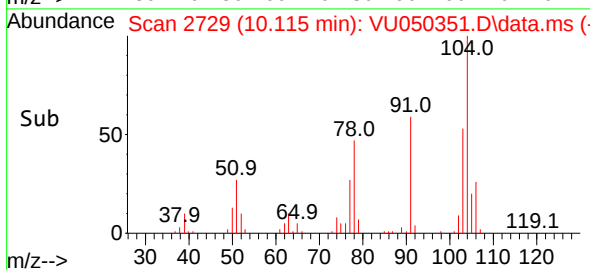
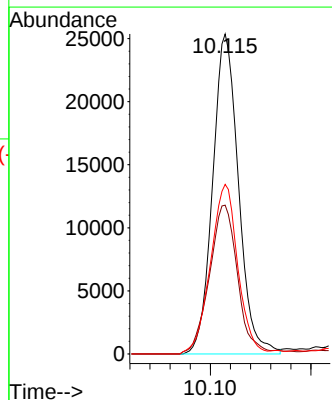
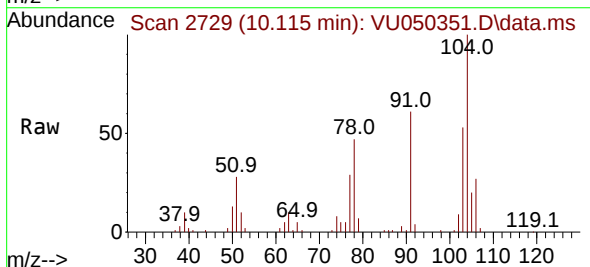
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

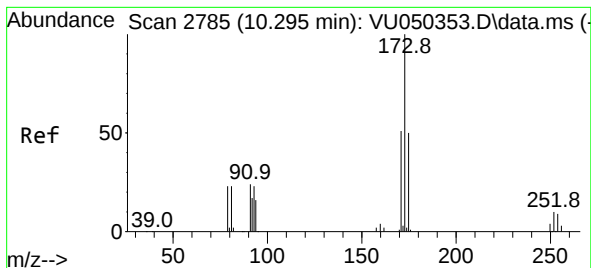
Tgt Ion:106 Resp: 28776
Ion Ratio Lower Upper
106 100
91 221.5 111.1 333.2



#66
Styrene
Concen: 1.671 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion:104 Resp: 45259
Ion Ratio Lower Upper
104 100
78 51.2 42.1 63.1
103 55.9 44.5 66.7





#67

Bromoform

Concen: 2.579 ug/l

RT: 10.292 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

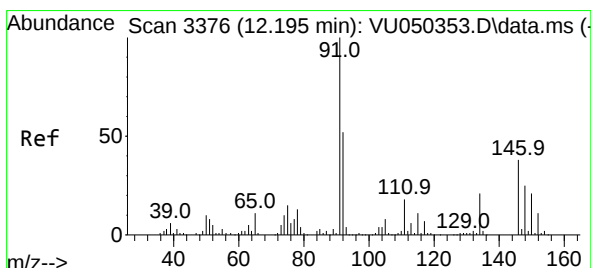
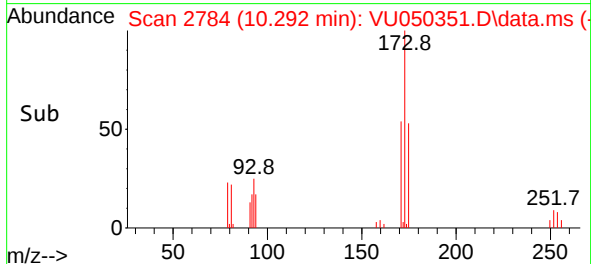
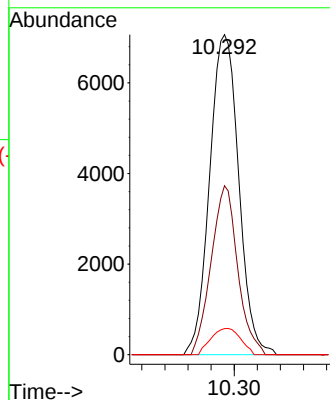
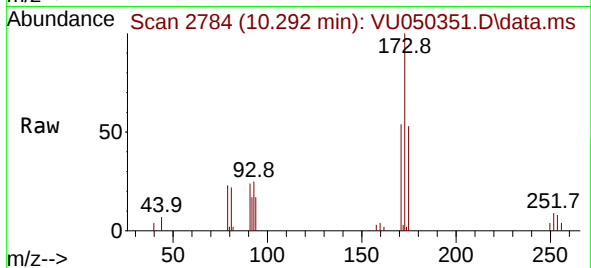
Tgt Ion:173 Resp: 12343

Ion Ratio Lower Upper

173 100

175 48.1 38.4 57.6

254 8.3 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.197 ug/l

RT: 12.192 min Scan# 3375

Delta R.T. -0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

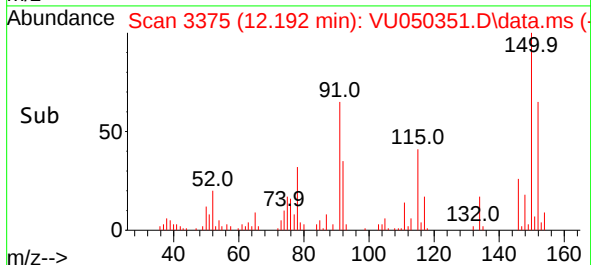
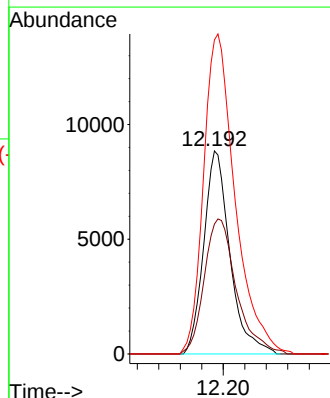
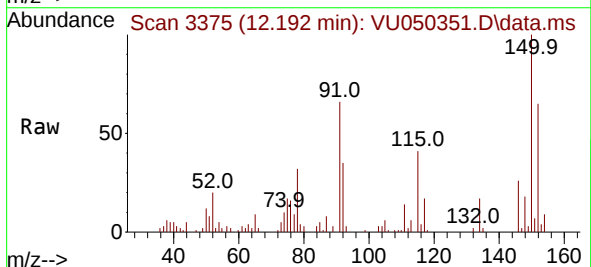
Tgt Ion:152 Resp: 14972

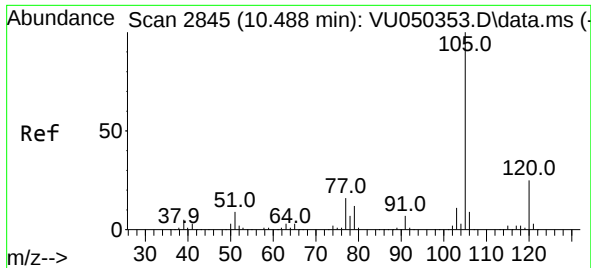
Ion Ratio Lower Upper

152 100

115 81.8 0.0 254.6

150 189.6 0.0 623.6

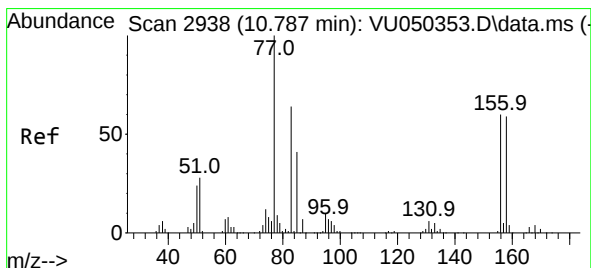
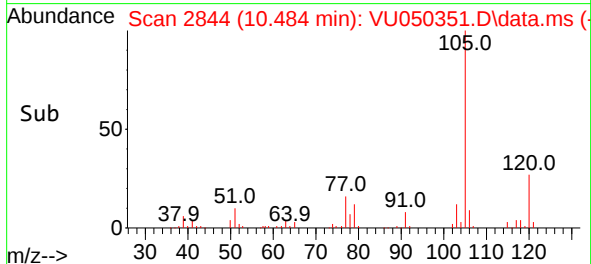
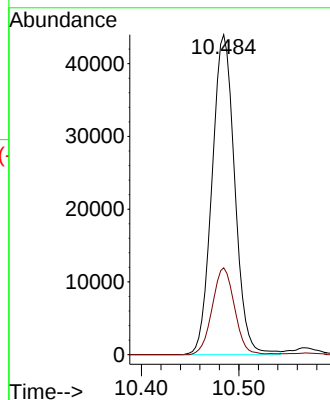
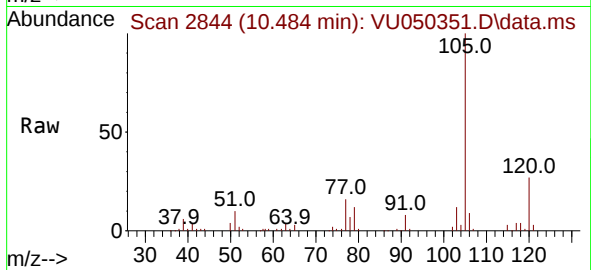




#69
Isopropylbenzene
Concen: 1.582 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

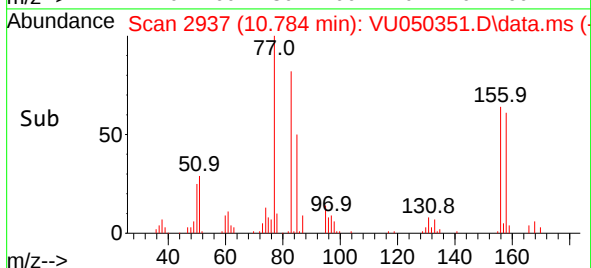
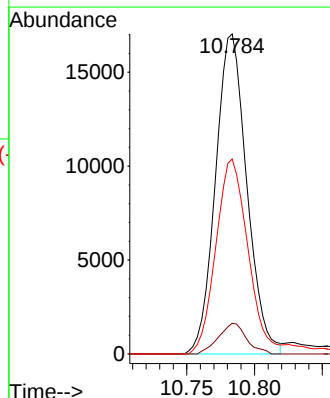
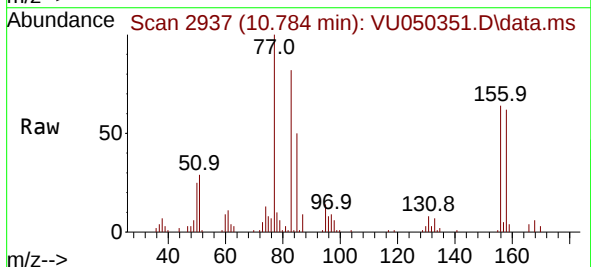
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

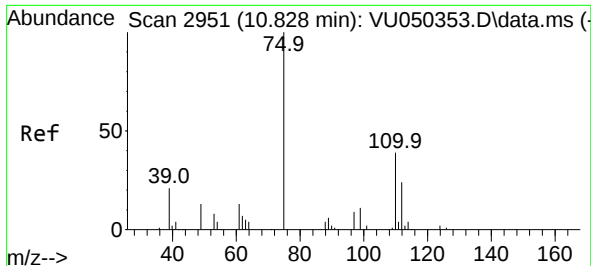
Tgt Ion:105 Resp: 71228
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 2.874 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 83 Resp: 27418
Ion Ratio Lower Upper
83 100
131 8.6 7.7 11.5
85 64.3 51.2 76.8

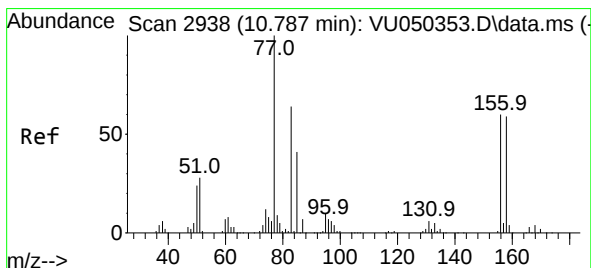
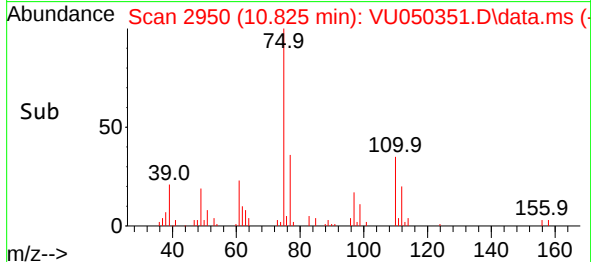
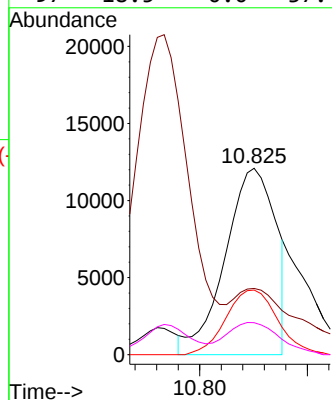
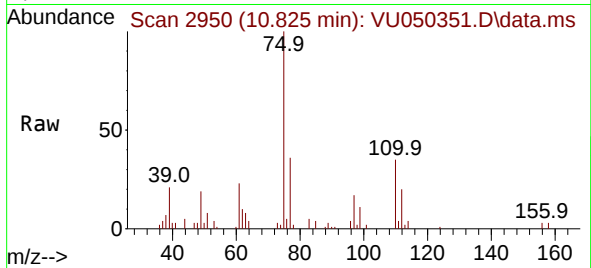




#71
1,2,3-Trichloropropane
Concen: 2.494 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

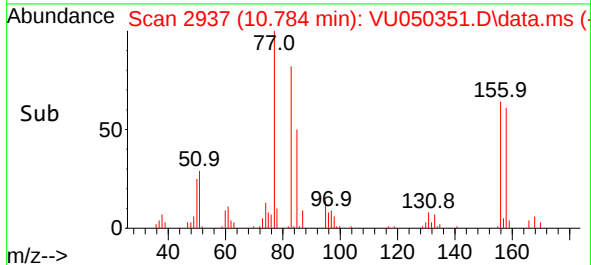
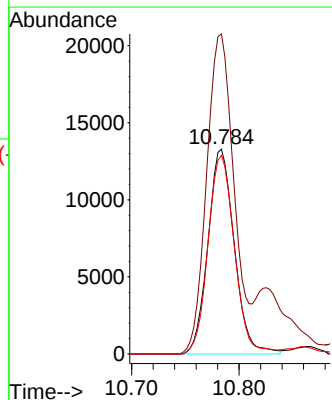
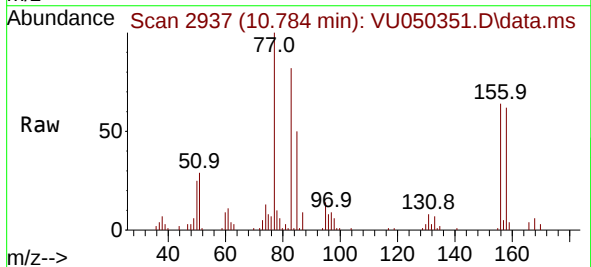
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

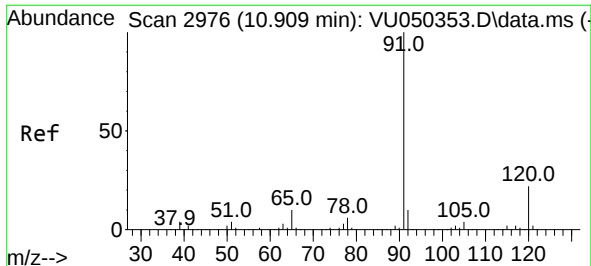
Tgt Ion:	75	Resp:	19699
Ion	Ratio	Lower	Upper
75	100		
77	48.1	0.0	112.4
110	35.7	0.0	70.6
97	18.5	0.0	37.4



#72
Bromobenzene
Concen: 2.228 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion:	156	Resp:	22610
Ion	Ratio	Lower	Upper
156	100		
77	163.2	0.0	344.4
158	97.0	0.0	192.2

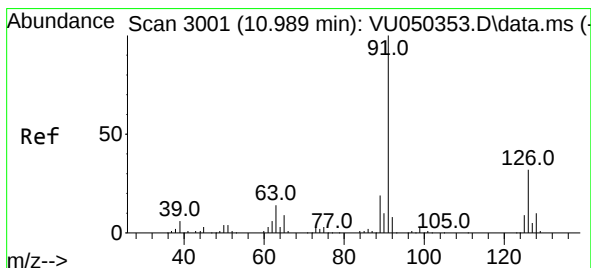
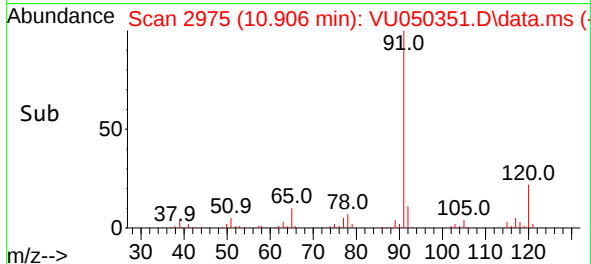
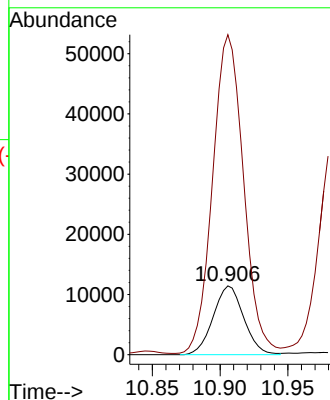
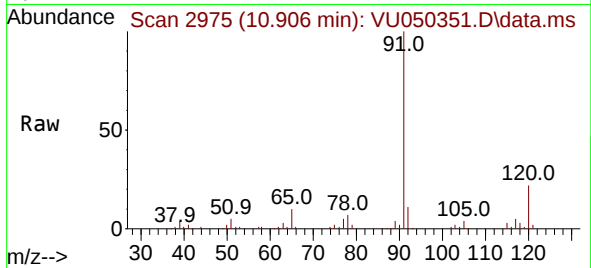




#73
n-propylbenzene
Concen: 1.574 ug/l
RT: 10.906 min Scan# 2976
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

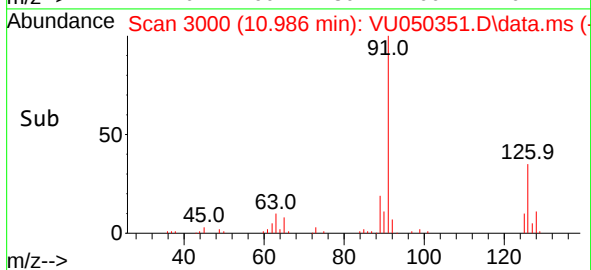
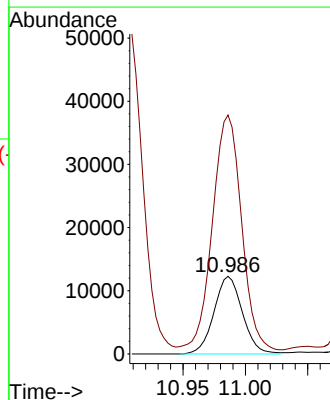
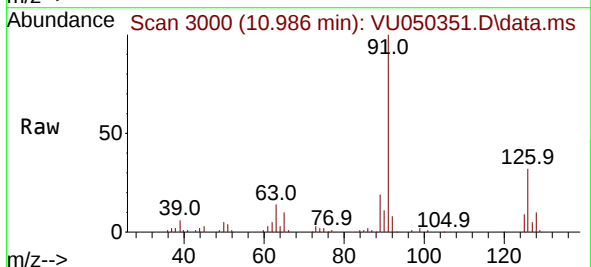
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

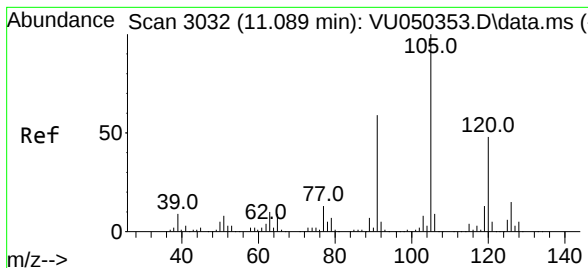
Tgt Ion:120 Resp: 17890
Ion Ratio Lower Upper
120 100
91 467.8 367.8 551.6



#74
2-Chlorotoluene
Concen: 1.918 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion:126 Resp: 19430
Ion Ratio Lower Upper
126 100
91 311.3 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 1.622 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

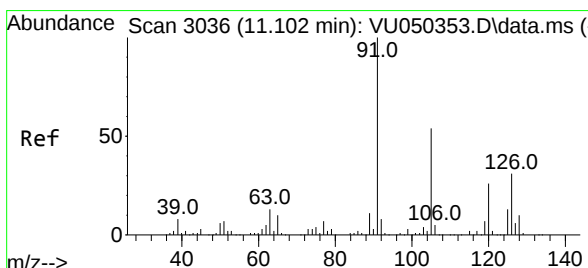
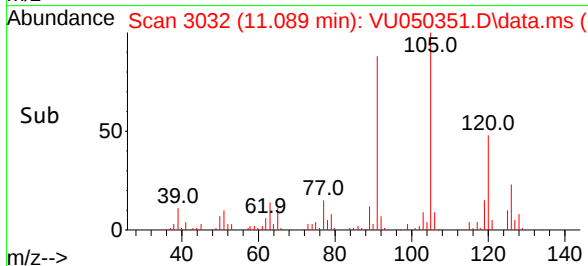
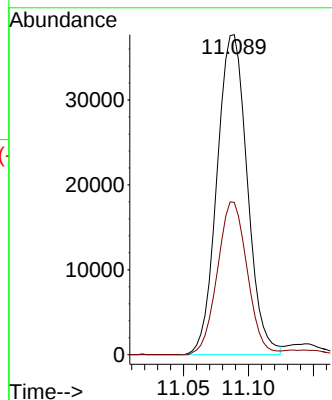
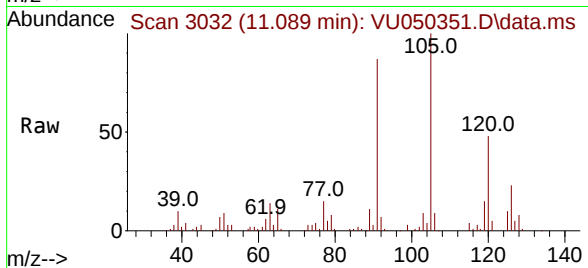
VSTDIC002

Tgt Ion:105 Resp: 61072

Ion Ratio Lower Upper

105 100

120 47.1 37.6 56.4



#76

4-Chlorotoluene

Concen: 1.854 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. -0.003 min

Lab File: VU050351.D

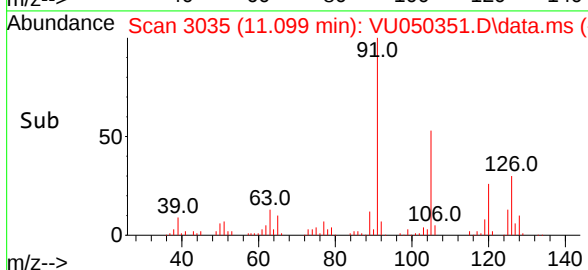
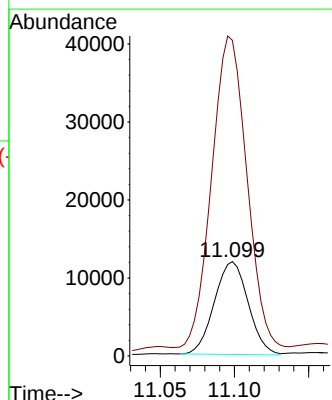
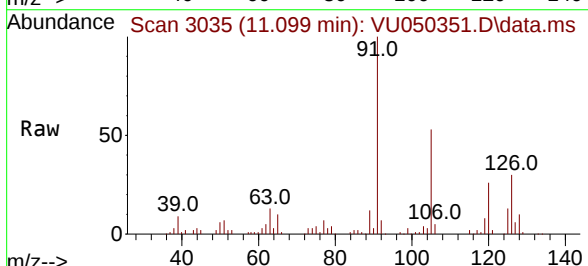
Acq: 17 Aug 2022 10:21

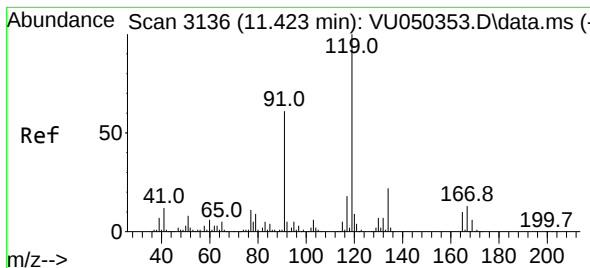
Tgt Ion:126 Resp: 18845

Ion Ratio Lower Upper

126 100

91 346.4 0.0 738.8





#77

tert-Butylbenzene

Concen: 1.693 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. -0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

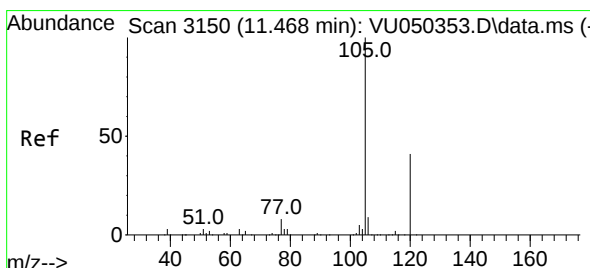
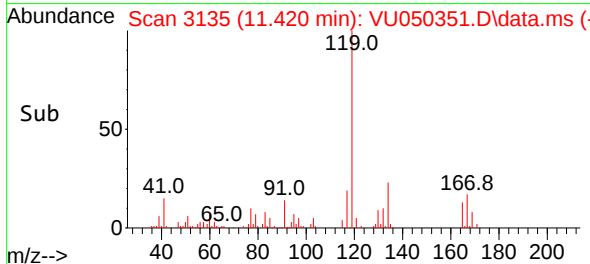
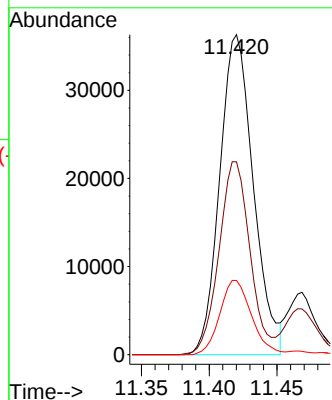
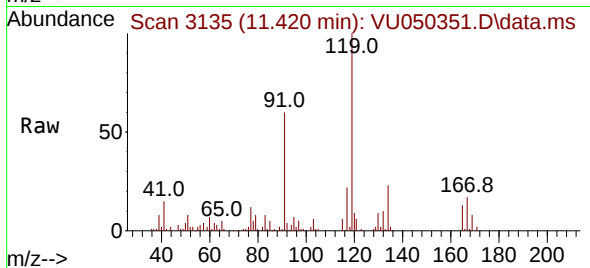
Tgt Ion:119 Resp: 62743

Ion Ratio Lower Upper

119 100

91 55.4 30.4 91.3

134 21.8 17.8 26.6



#78

1,2,4-Trimethylbenzene

Concen: 1.646 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050351.D

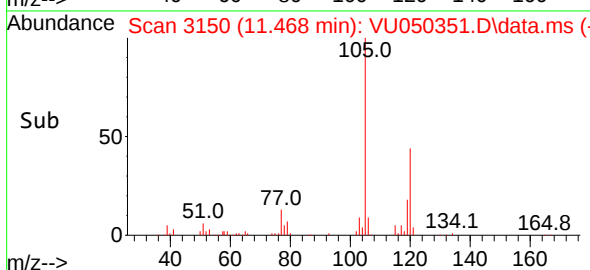
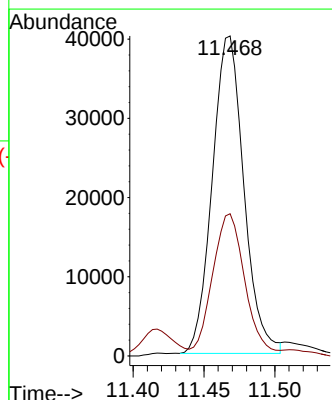
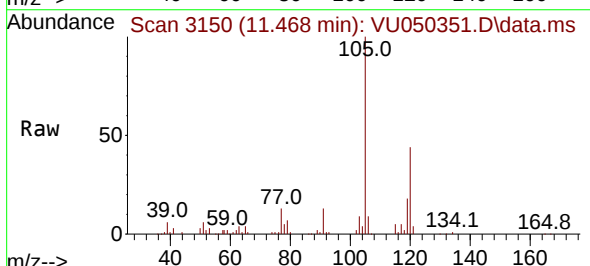
Acq: 17 Aug 2022 10:21

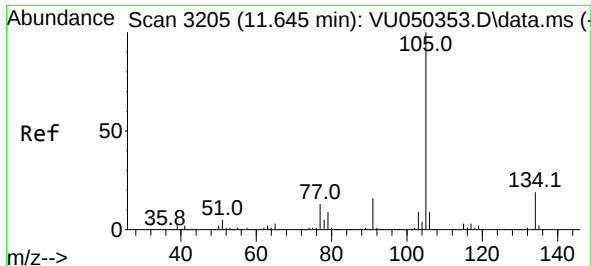
Tgt Ion:105 Resp: 62199

Ion Ratio Lower Upper

105 100

120 42.9 21.6 65.0

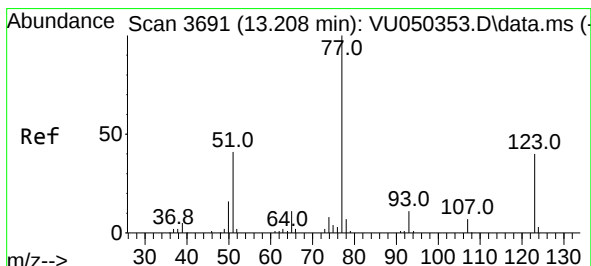
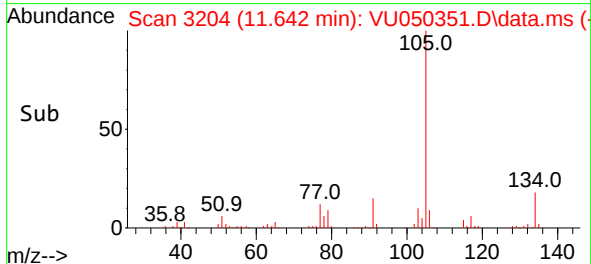
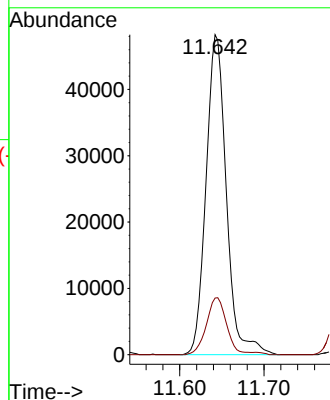
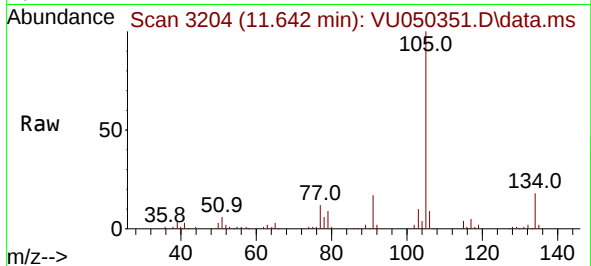




#79
 sec-Butylbenzene
 Concen: 1.662 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

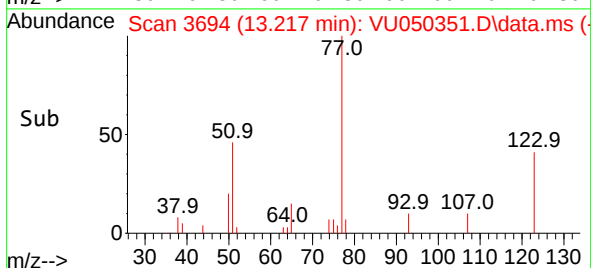
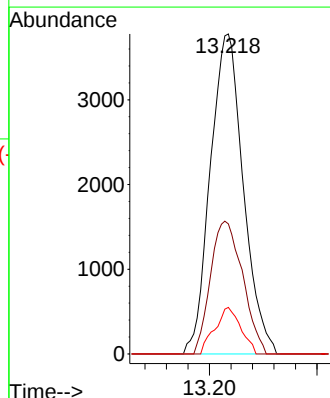
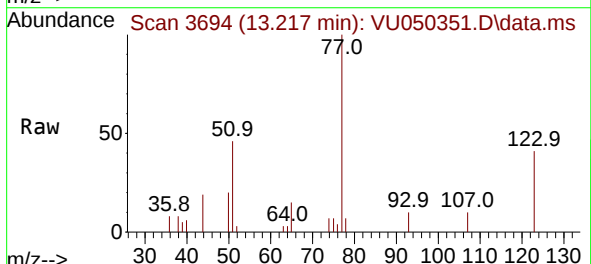
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

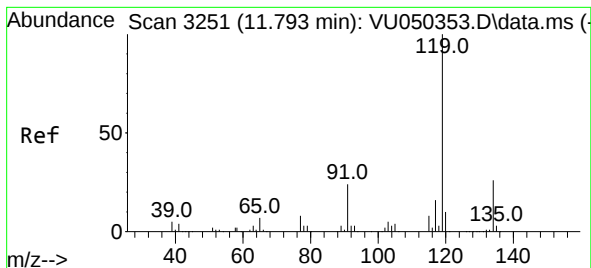
Tgt Ion:105 Resp: 80810
 Ion Ratio Lower Upper
 105 100
 134 17.8 15.4 23.0



#80
 Nitrobenzene
 Concen: 20.599 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

Tgt Ion: 77 Resp: 8038
 Ion Ratio Lower Upper
 77 100
 123 40.4 18.1 64.3
 65 11.4 10.8 13.8





#81

p-Isopropyltoluene

Concen: 1.616 ug/l

RT: 11.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

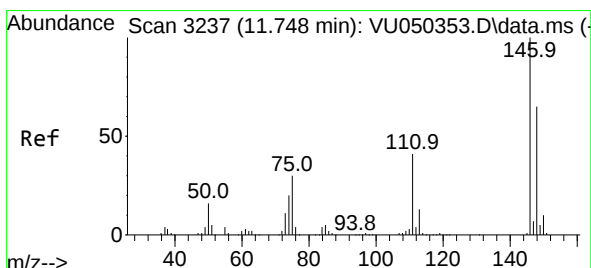
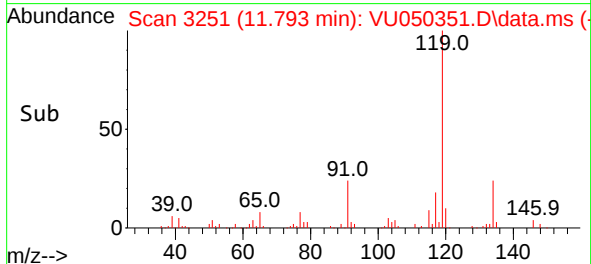
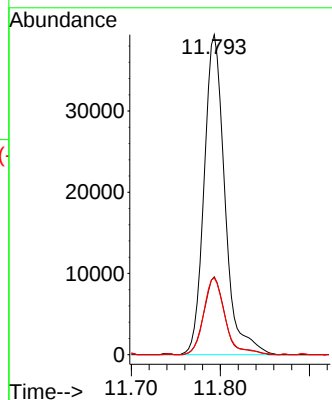
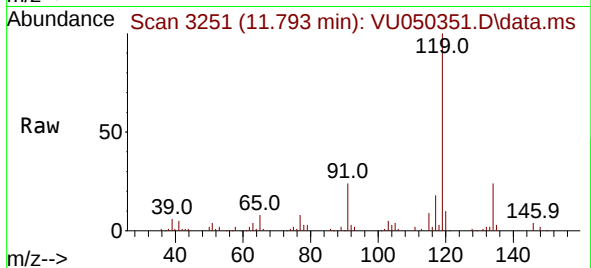
Tgt Ion:119 Resp: 63742

Ion Ratio Lower Upper

119 100

134 24.8 20.5 30.7

91 24.8 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 2.239 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. -0.003 min

Lab File: VU050351.D

Acq: 17 Aug 2022 10:21

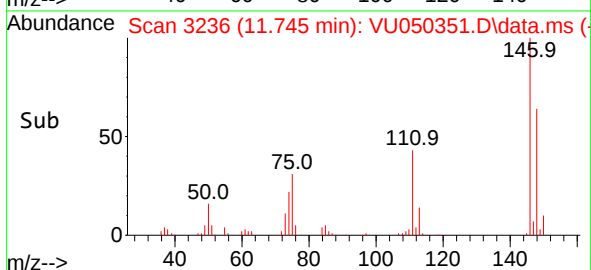
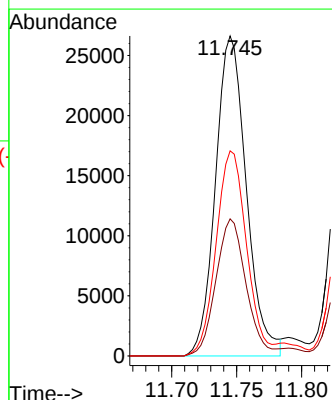
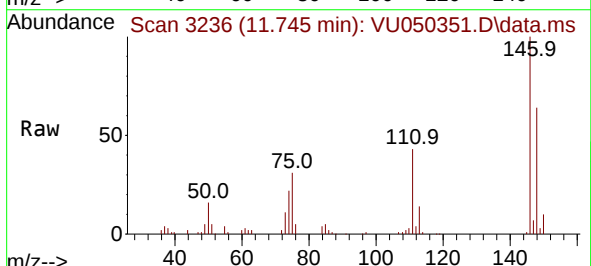
Tgt Ion:146 Resp: 43950

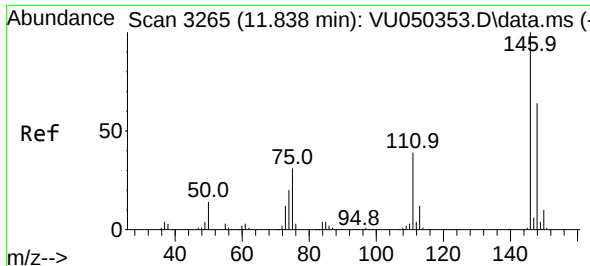
Ion Ratio Lower Upper

146 100

111 41.8 33.4 50.2

148 63.1 51.2 76.8

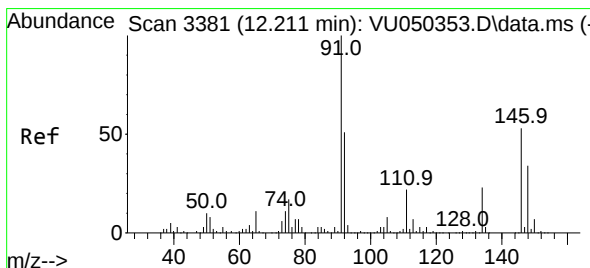
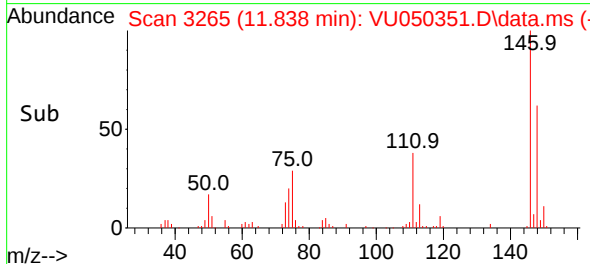
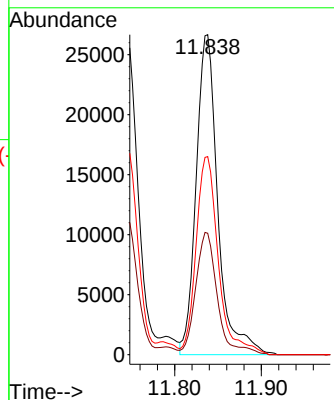
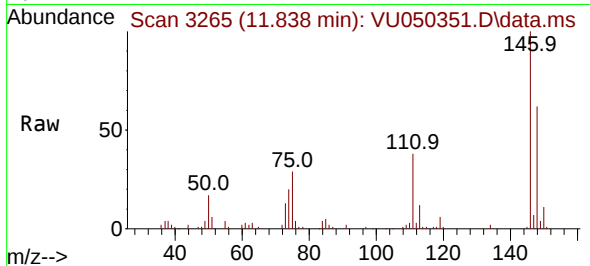




#83
1,4-Dichlorobenzene
Concen: 2.341 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

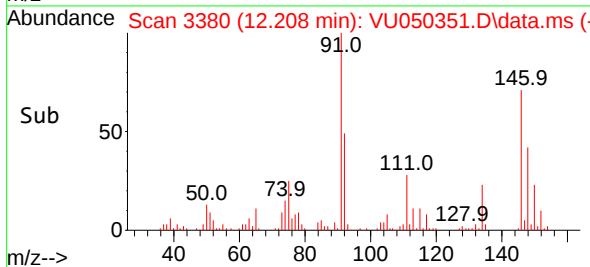
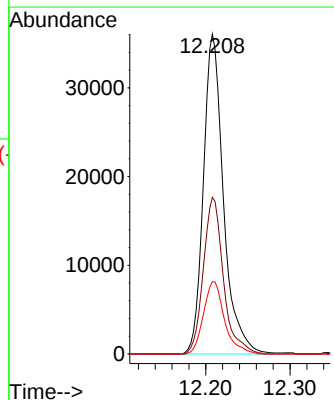
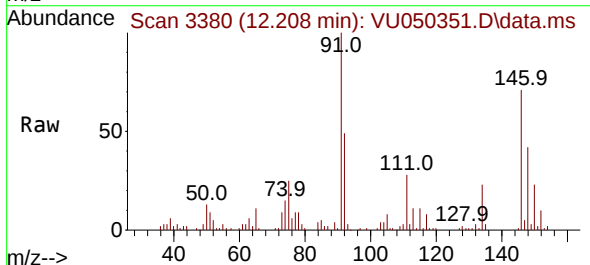
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

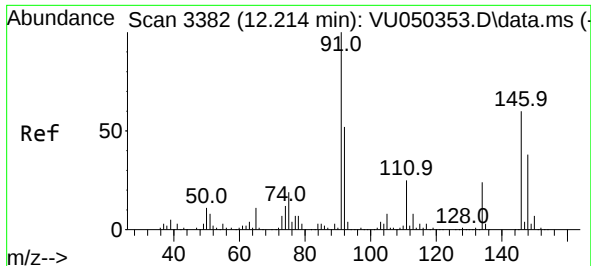
Tgt Ion:146 Resp: 46366
Ion Ratio Lower Upper
146 100
111 38.2 32.6 49.0
148 63.8 51.6 77.4



#84
n-Butylbenzene
Concen: 1.629 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion: 91 Resp: 59820
Ion Ratio Lower Upper
91 100
92 48.8 42.3 63.5
134 23.6 19.6 29.4

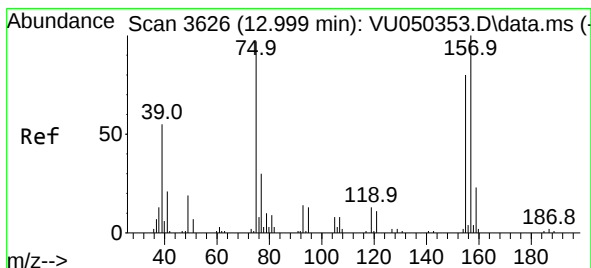
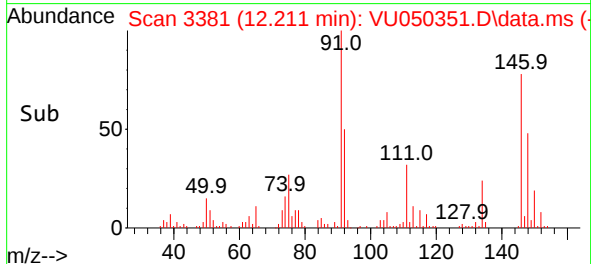
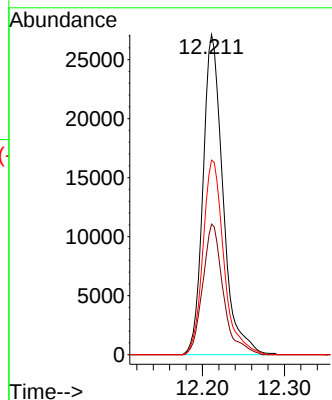
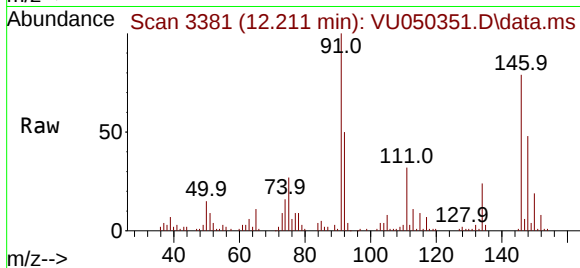




#85
 1,2-Dichlorobenzene
 Concen: 2.416 ug/l
 RT: 12.211 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

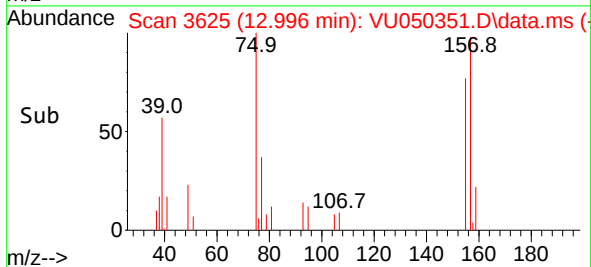
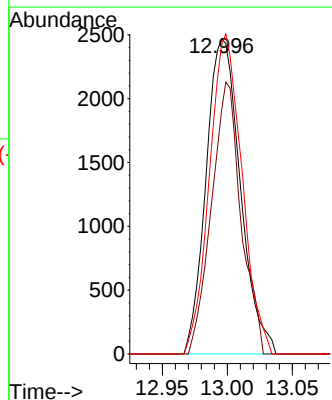
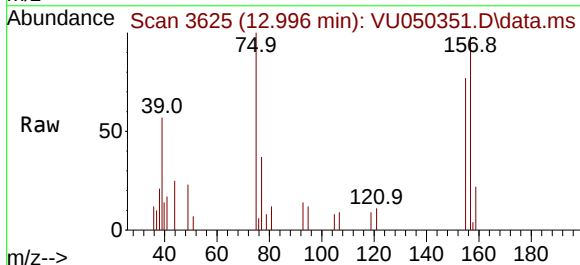
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

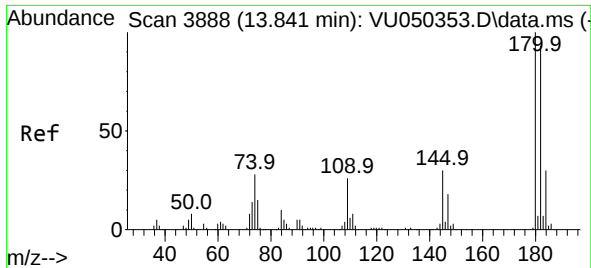
Tgt Ion:146 Resp: 45947
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.1 66.1
 148 63.4 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.721 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU050351.D
 Acq: 17 Aug 2022 10:21

Tgt Ion: 75 Resp: 4527
 Ion Ratio Lower Upper
 75 100
 155 74.4 66.8 100.2
 157 96.4 83.8 125.8

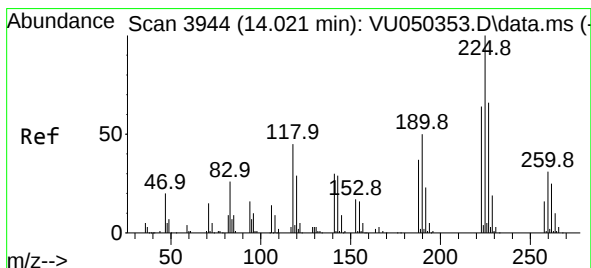
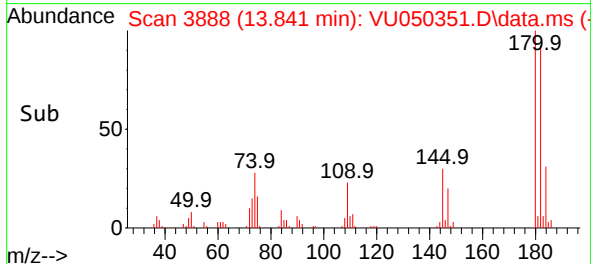
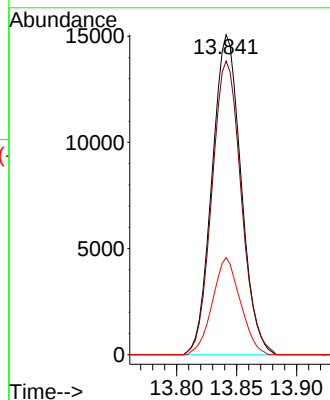
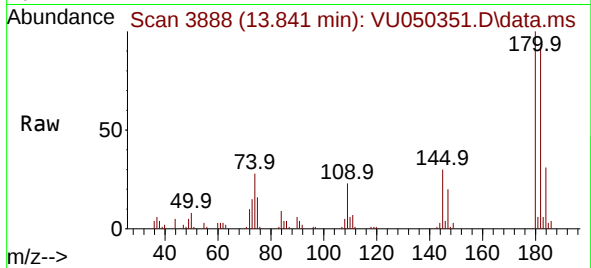




#87
1,2,4-Trichlorobenzene
Concen: 1.972 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

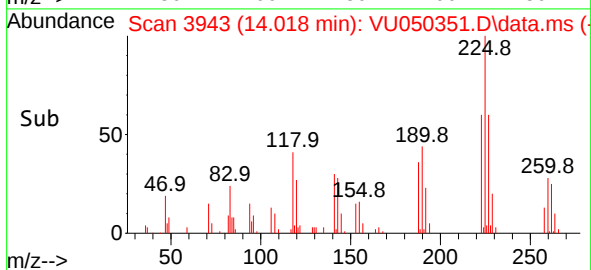
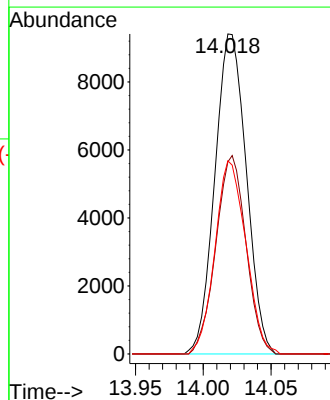
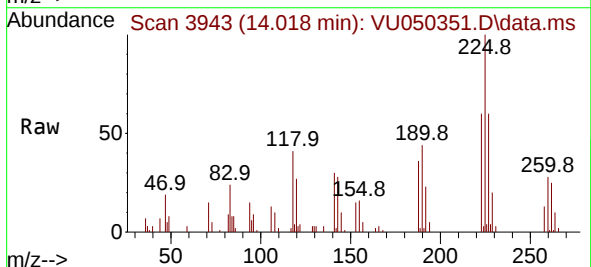
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

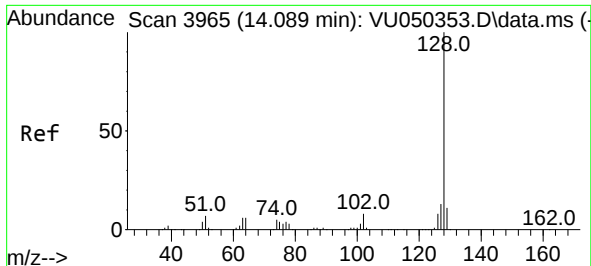
Tgt Ion:180 Resp: 25298
Ion Ratio Lower Upper
180 100
182 92.8 77.0 115.6
145 29.2 25.7 38.5



#88
Hexachlorobutadiene
Concen: 2.322 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion:225 Resp: 15181
Ion Ratio Lower Upper
225 100
223 59.3 50.6 76.0
227 59.3 50.7 76.1

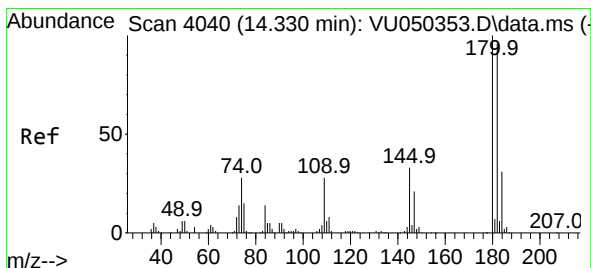
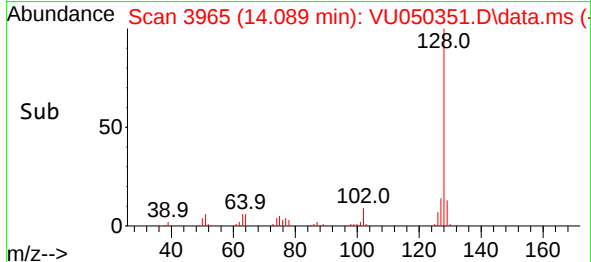
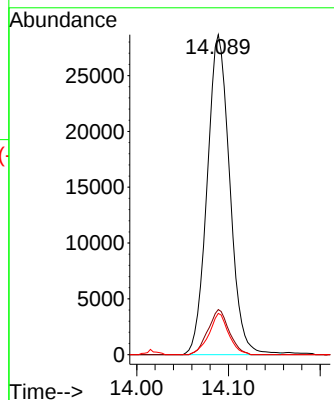
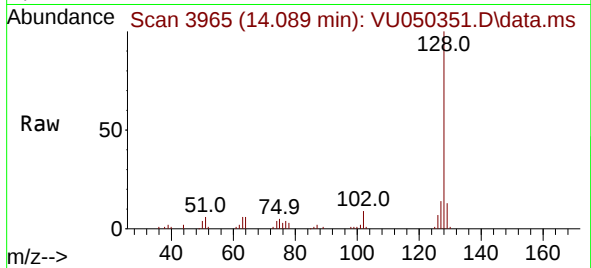




#89
Naphthalene
Concen: 1.823 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:	128	Resp:	49035
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.1	15.1
129	11.2	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 2.067 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050351.D
Acq: 17 Aug 2022 10:21

Tgt Ion:	180	Resp:	25328
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.6	114.8
145	31.6	27.3	40.9

