

Data File : VU039717.D
Acq On : 30 Jul 2020 11:37
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB55

Quant Time: Jul 31 06:14:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	21145	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	9791	1.18	ug/l	0.00
Spiked Amount	1.000		Recovery	=	118.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8375	1.04	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	72852	9.915	ug/l 98
3) Chloromethane	1.53	50	89288	9.782	ug/l 99
4) Vinyl Chloride	1.61	62	84987	10.103	ug/l 99
5) Bromomethane	1.86	94	50485	8.775	ug/l 98
6) Chloroethane	1.94	64	56246	9.637	ug/l 96
7) Trichlorofluoromethane	2.15	101	110972	9.974	ug/l 94
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	65134	10.200	ug/l 98
9) 1,1-Dichloroethene	2.59	96	58880	10.022	ug/l 98
10) Iodomethane	2.74	142	72456	12.227	ug/l 99
11) Allyl Chloride	2.93	41	125725	9.920	ug/l 99
12) Acrylonitrile	3.33	53	43005	20.854	ug/l 95
13) Acetone	2.64	43	103861	53.527	ug/l 99
14) Carbon Disulfide	2.81	76	215890	10.020	ug/l 99
15) Methylene Chloride	3.06	84	74168	9.056	ug/l 96
16) trans-1,2-Dichloroethene	3.37	96	68394	10.239	ug/l 98
17) 1,1-Dichloroethane	3.89	63	145112	9.893	ug/l 99
18) 2-Butanone	4.74	43	161703	49.558	ug/l 99
19) Cyclohexane	5.39	56	129816	9.144	ug/l 93
20) Methylcyclohexane	6.77	83	113356	10.776	ug/l 99
21) 2,2-Dichloropropane	4.68	77	116536	9.740	ug/l 99
22) cis-1,2-Dichloroethene	4.68	96	72993	10.138	ug/l 98
23) Diethyl Ether	2.39	59	59797	9.955	ug/l 100
24) tert-Butyl Alcohol	3.20	59	66444	92.280	ug/l 98
25) Methyl tert-Butyl Ether	3.38	73	194028	10.121	ug/l 100
26) Bromochloromethane	4.99	128	29599	10.048	ug/l 99
27) Chloroform	5.11	83	135177	9.847	ug/l 98
28) 1,1,1-Trichloroethane	5.33	97	113174	10.189	ug/l 98
29) 1,1-Dichloropropene	5.54	75	107575	10.057	ug/l 99
30) Carbon Tetrachloride	5.53	117	92164	10.148	ug/l 98
31) Isopropyl Ether	4.02	45	265709	9.933	ug/l 100
32) Ethyl-t-butyl ether	4.53	59	224447	9.859	ug/l 98
33) Tert-Amyl methyl ether	5.96	73	163083	9.936	ug/l 99
34) Propionitrile	4.80	54	40118	49.841	ug/l 99
35) Benzene	5.79	78	261385	9.879	ug/l 100
36) 1,2-Dichloroethane	5.81	62	97329	9.814	ug/l 100
37) Trichloroethene	6.55	130	61088	10.092	ug/l 97
38) 1,2-Dichloropropane	6.81	63	75355	10.334	ug/l 99
39) Methacrylonitrile	5.00	41	38821	9.152	ug/l 98
40) Methyl acrylate	4.87	55	54948	10.045	ug/l 98
41) Tetrahydrofuran	5.08	42	38583	18.078	ug/l 99
42) 1-Chlorobutane	5.47	56	169293	10.085	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	38572	9.830	ug/l	99
44) Bromodichloromethane	7.12	83	93008	10.338	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	311492	52.403	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	93987	53.161	ug/l #	49
47) Methyl methacrylate	6.98	69	78182	21.362	ug/l	99
48) Ethyl methacrylate	8.34	69	72811	10.809	ug/l	99
49) Toluene	7.98	92	166712	10.586	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	89465	11.041	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	100349	10.536	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	52041	10.208	ug/l	97
53) 1,3-Dichloropropane	8.58	76	99651	10.180	ug/l	99
54) 2-Hexanone	8.70	43	225593	53.007	ug/l	99
55) Dibromochloromethane	8.82	129	57476	10.499	ug/l	99
56) 1,2-Dibromoethane	8.93	107	50540	10.288	ug/l	99
58) Tetrachloroethene	8.56	164	54388	10.264	ug/l	98
59) Chlorobenzene	9.45	112	171239	10.515	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	57540	10.479	ug/l	99
61) Pentachloroethane	11.43	117	49094	10.176	ug/l	99
62) Hexachloroethane	12.47	117	47345	10.708	ug/l	99
63) Ethyl Benzene	9.57	91	320091	10.968	ug/l	99
64) m/p-Xylenes	9.70	106	253907	22.268	ug/l	100
65) o-Xylene	10.10	106	118373	10.934	ug/l	97
66) Styrene	10.11	104	208661	11.247	ug/l	99
67) Bromoform	10.29	173	30786	11.024	ug/l	97
69) Isopropylbenzene	10.48	105	315652	10.916	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	75774	10.325	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	93987	16.999	ug/l	80
72) Bromobenzene	10.78	156	68982	10.504	ug/l	98
73) n-propylbenzene	10.91	120	88634	10.902	ug/l	98
74) 2-Chlorotoluene	10.99	126	72538	10.562	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	281845	11.275	ug/l	99
76) 4-Chlorotoluene	11.10	126	77619	10.911	ug/l	99
77) tert-Butylbenzene	11.42	119	259752	10.832	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	286315	11.168	ug/l	99
79) sec-Butylbenzene	11.64	105	379989	11.133	ug/l	99
80) Nitrobenzene	13.20	77	6541	52.669	ug/l	99
81) p-Isopropyltoluene	11.79	119	308577	11.218	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	147883	10.463	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	149556	10.520	ug/l	99
84) n-Butylbenzene	12.20	91	326306	11.168	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	141285	10.371	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13008	10.522	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	88428	10.378	ug/l	99
88) Hexachlorobutadiene	14.01	225	40915	10.574	ug/l	99
89) Naphthalene	14.08	128	194124	10.648	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	83295	10.356	ug/l	100

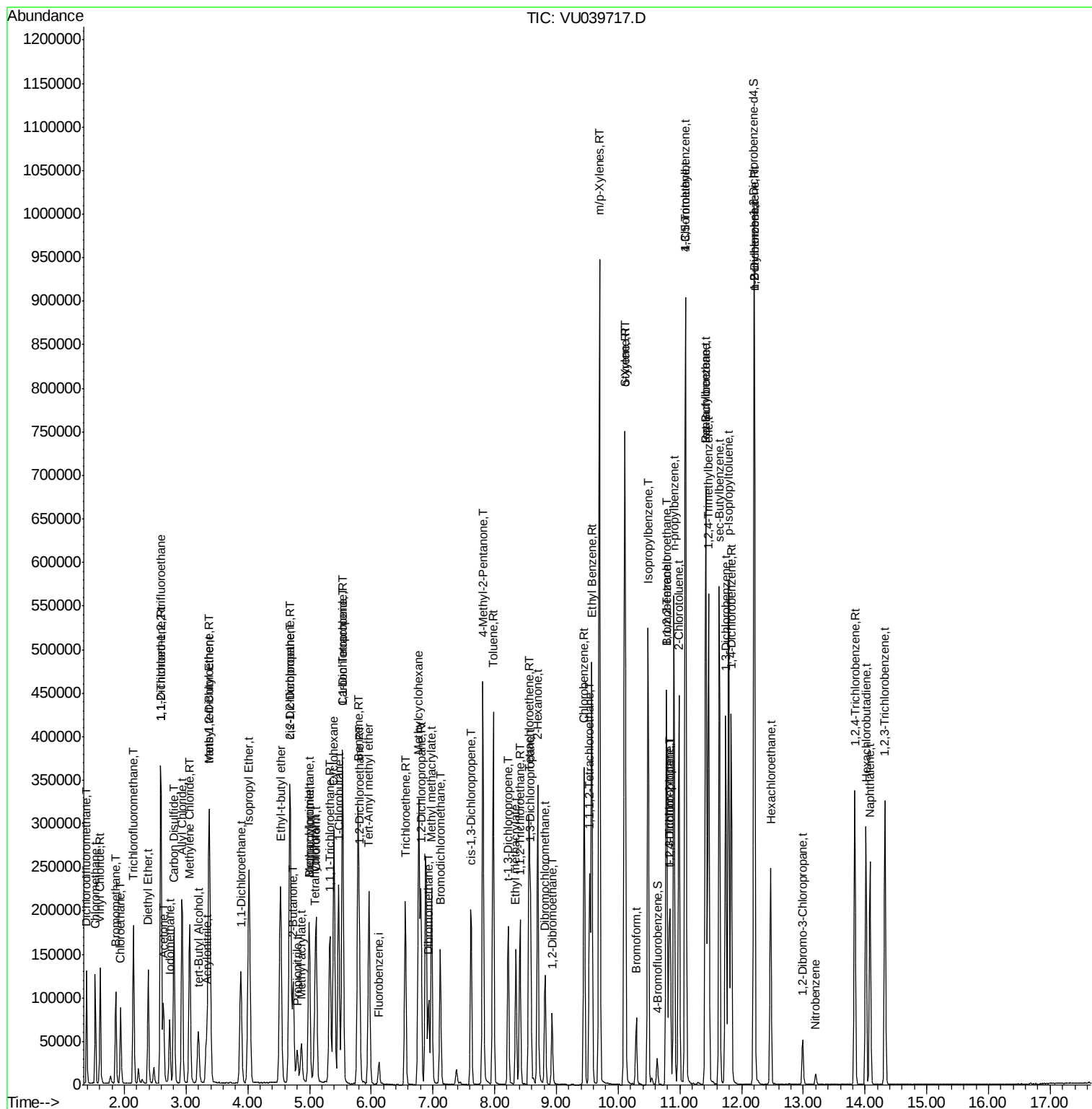
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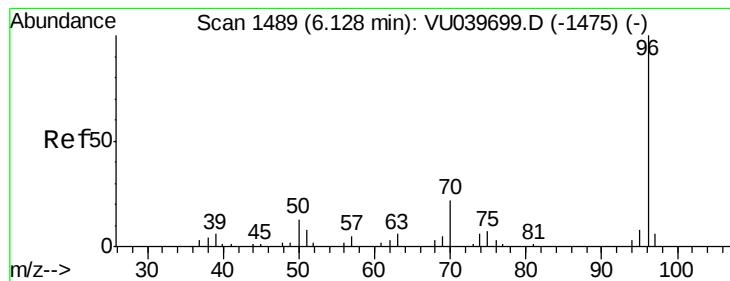
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

BFB55

Tgt Ion: 96 Resp: 21145

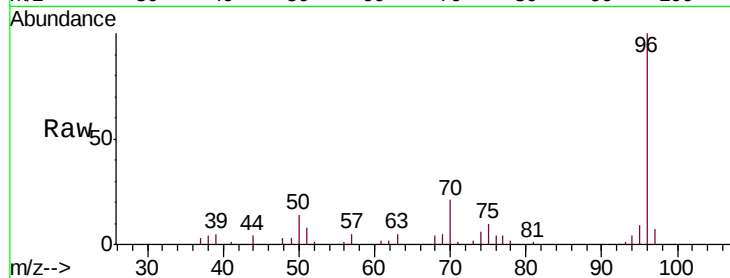
Ion Ratio Lower Upper

96 100

70 20.6 16.3 24.5

95 8.8 6.8 10.2

97 0.0 0.0 0.0

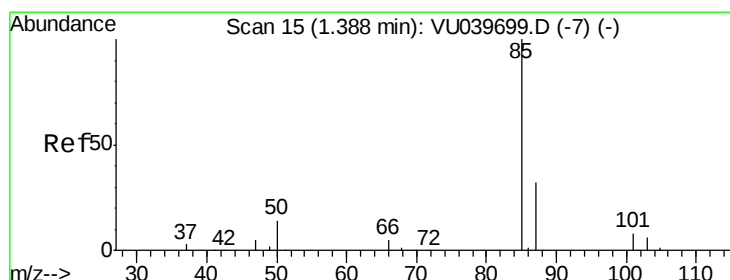
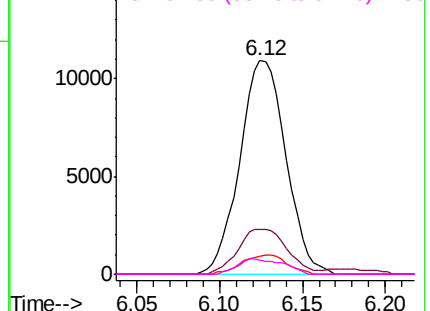
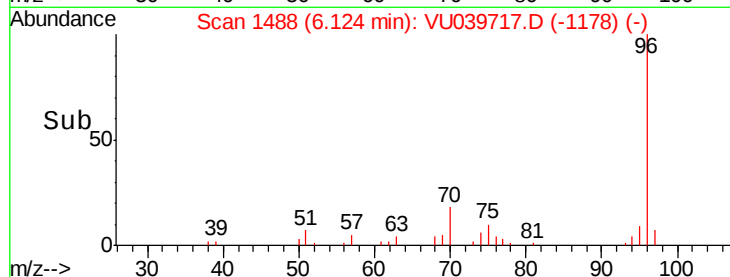


Abundance Ion 96.00 (95.70 to 96.70): VU039717.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU039717.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU039717.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU039717.D (-1178) (-)



#2

Dichlorodifluoromethane

Concen: 9.915 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039717.D

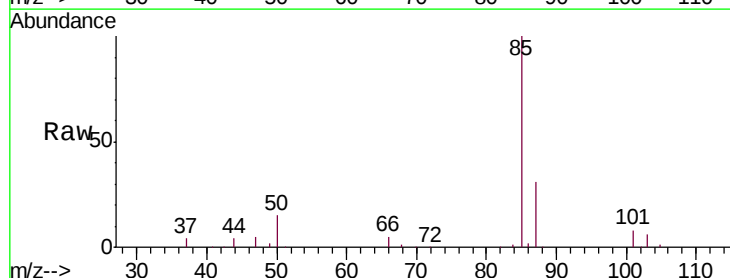
Acq: 30 Jul 2020 11:37

Tgt Ion: 85 Resp: 72852

Ion Ratio Lower Upper

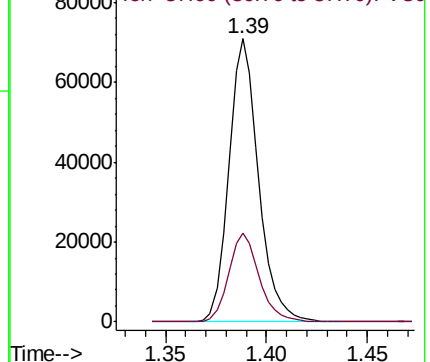
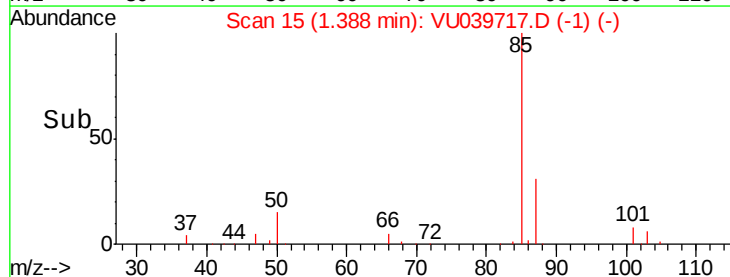
85 100

87 31.5 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039717.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU039717.D (-1) (-)

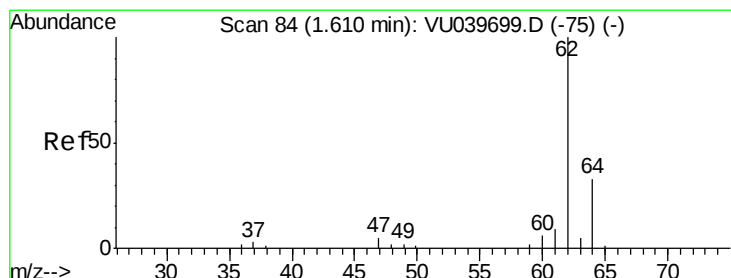
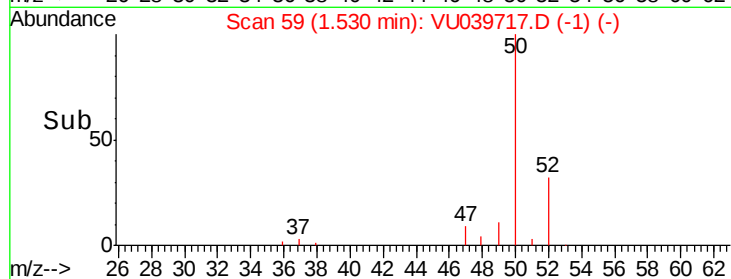
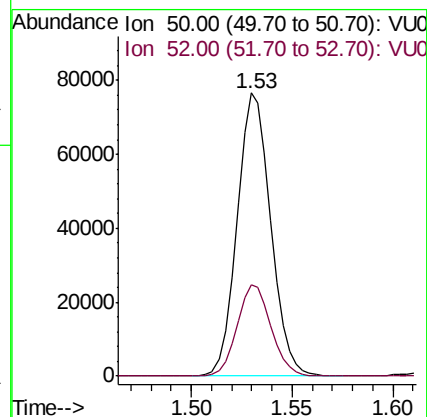
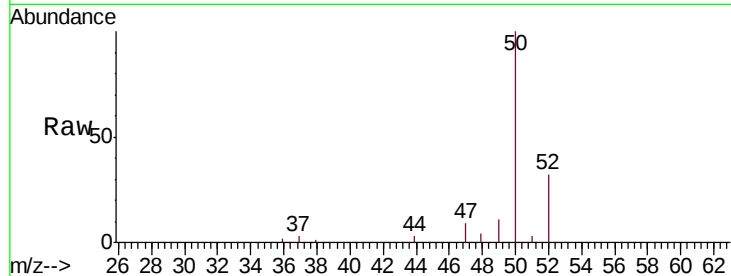




#3
Chloromethane
Concen: 9.782 ug/l
RT: 1.53 min Scan# 59
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

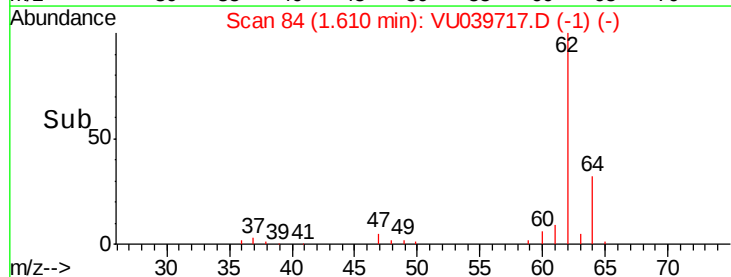
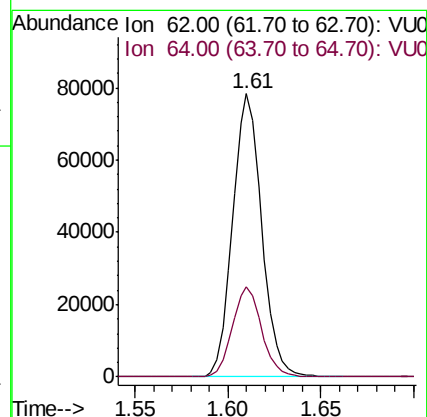
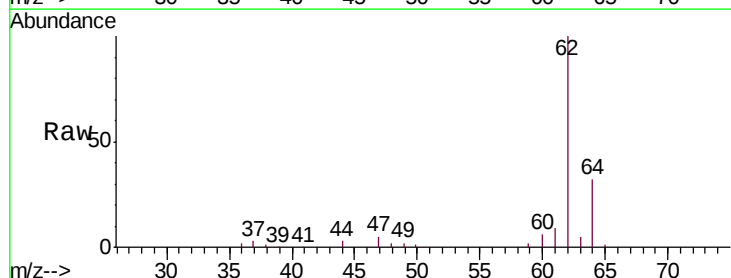
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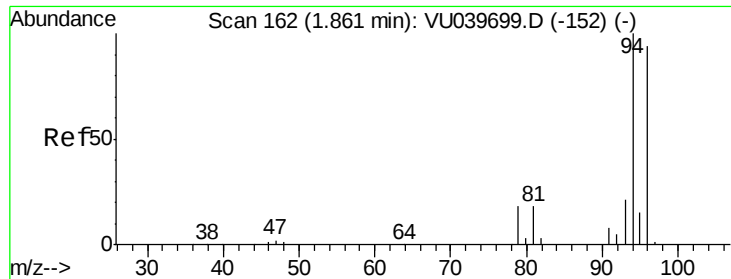
Tgt Ion: 50 Resp: 89288
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0



#4
Vinyl Chloride
Concen: 10.103 ug/l
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 62 Resp: 84987
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

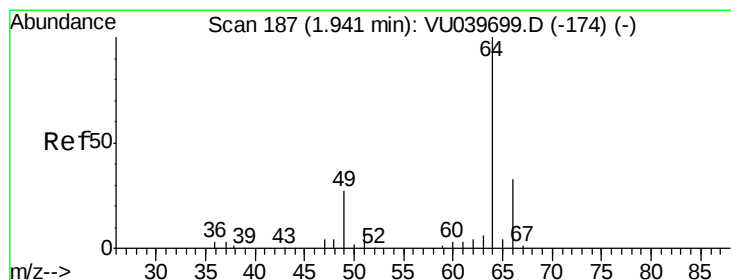
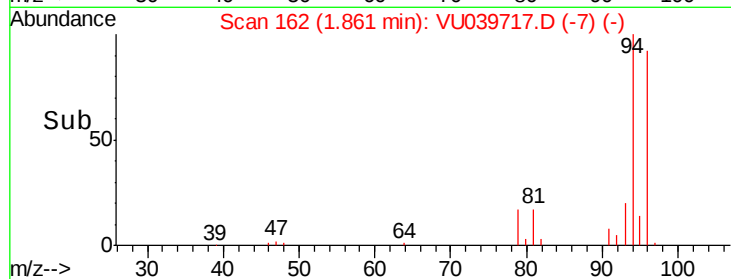
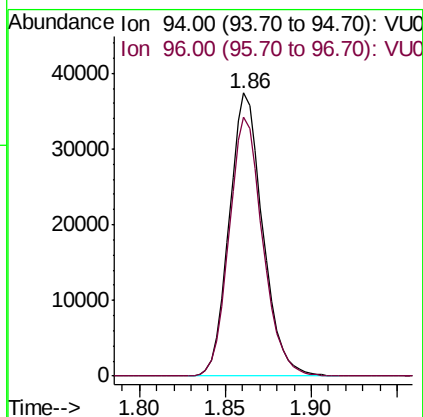
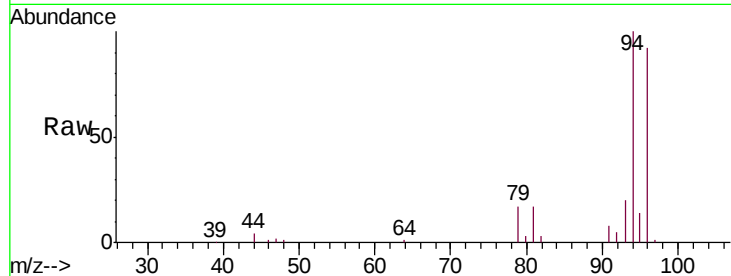




#5
Bromomethane
Concen: 8.775 ug/l
RT: 1.86 min Scan# 162
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

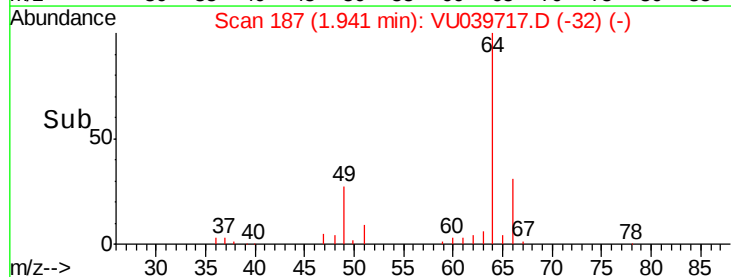
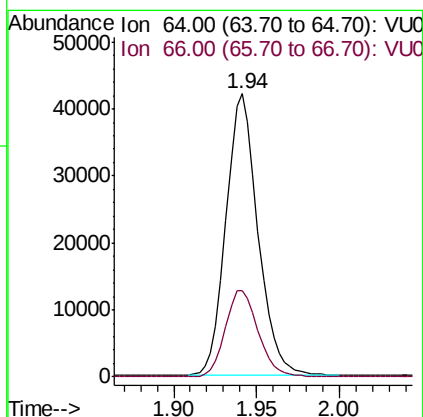
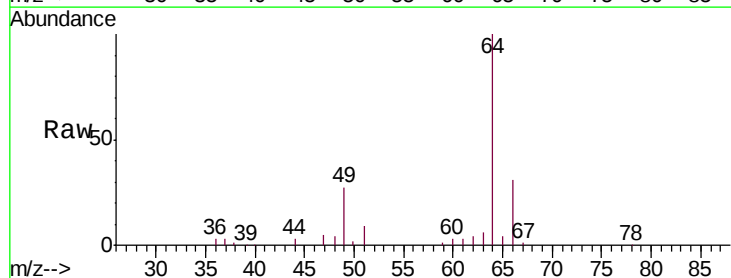
Instrument :
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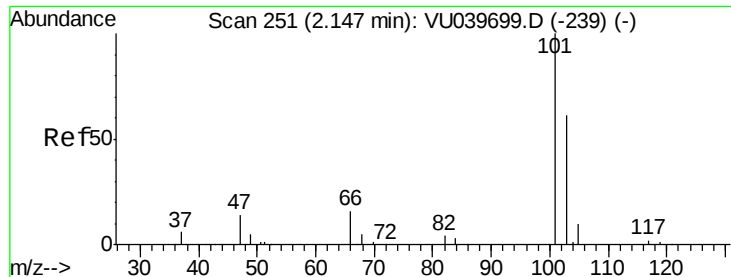
Tgt Ion: 94 Resp: 50485
Ion Ratio Lower Upper
94 100
96 91.7 75.0 112.6



#6
Chloroethane
Concen: 9.637 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 64 Resp: 56246
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.2



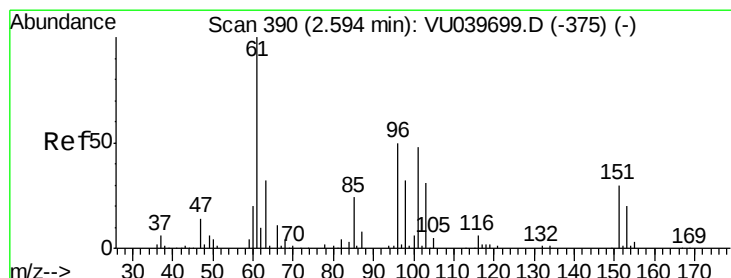
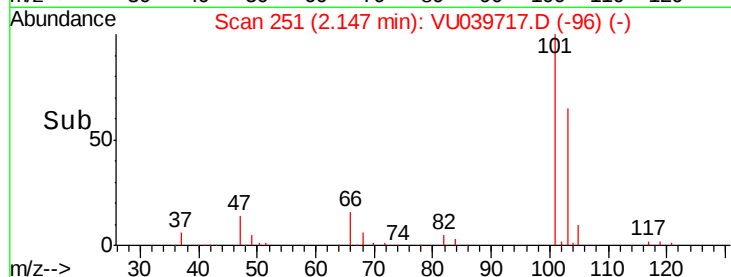
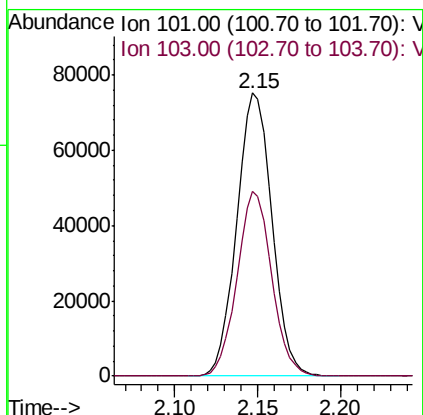
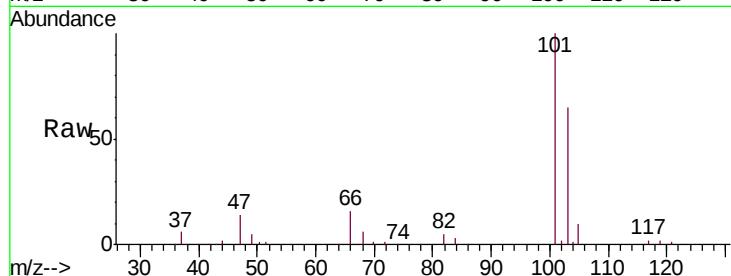


#7

Trichlorofluoromethane
 Concen: 9.974 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
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 BFB55

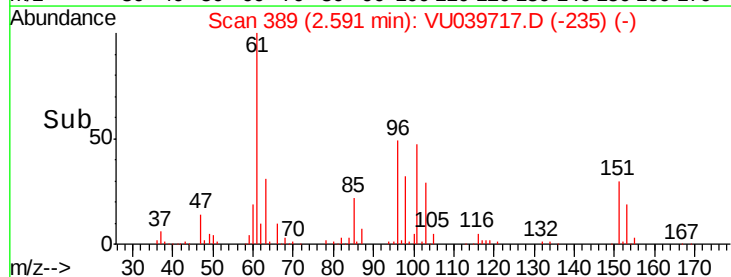
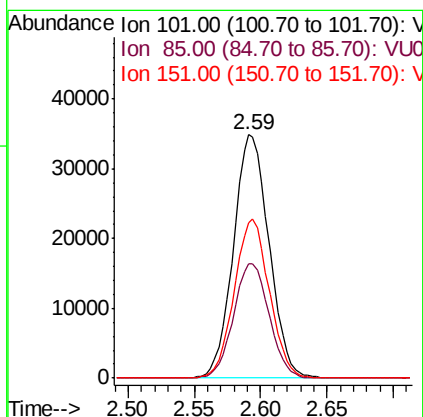
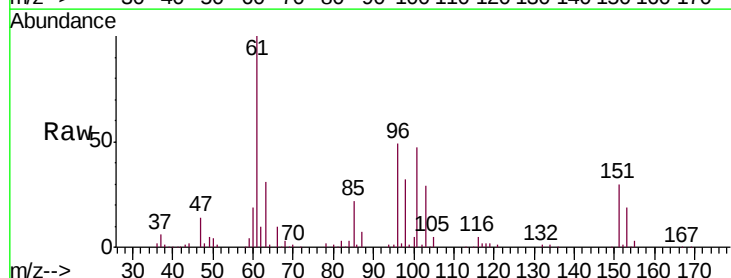
Tgt Ion:101 Resp: 110972
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.8 73.2

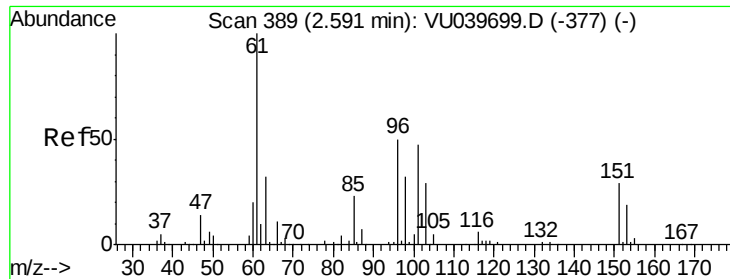


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.200 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion:101 Resp: 65134
 Ion Ratio Lower Upper
 101 100
 85 46.8 39.9 59.9
 151 64.1 51.0 76.4





#9

1,1-Dichloroethene

Concen: 10.022 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

BFB55

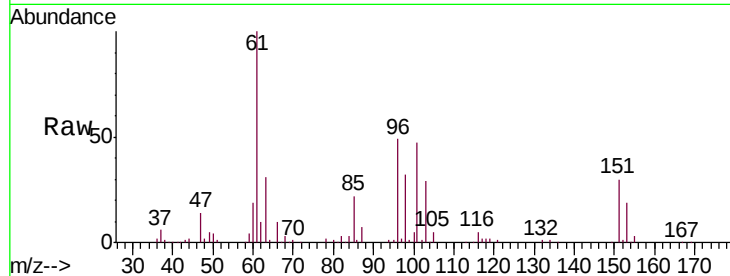
Tgt Ion: 96 Resp: 58880

Ion Ratio Lower Upper

96 100

61 205.1 0.0 604.5

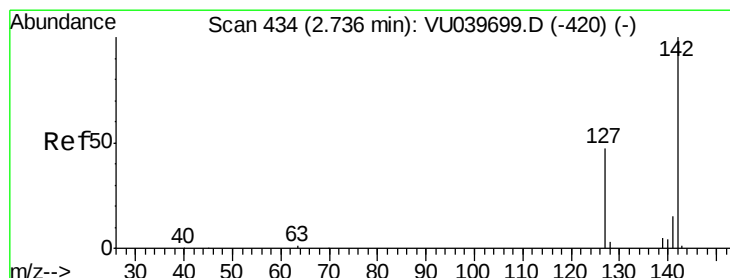
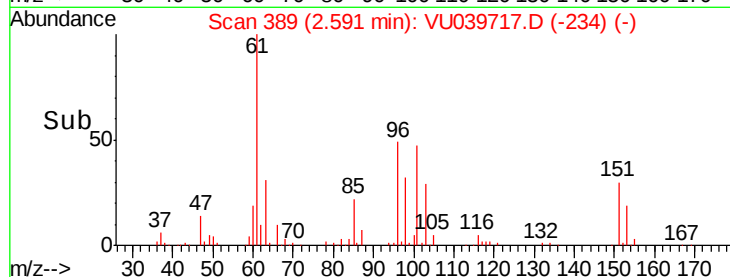
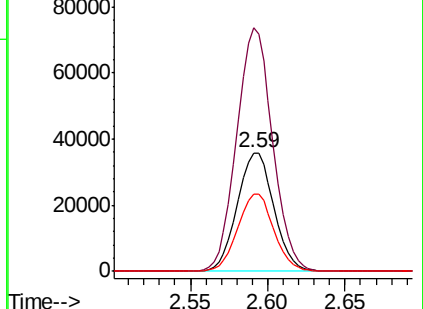
98 65.1 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039717.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU039717.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU039717.D (-234) (-)



#10

Iodomethane

Concen: 12.227 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU039717.D

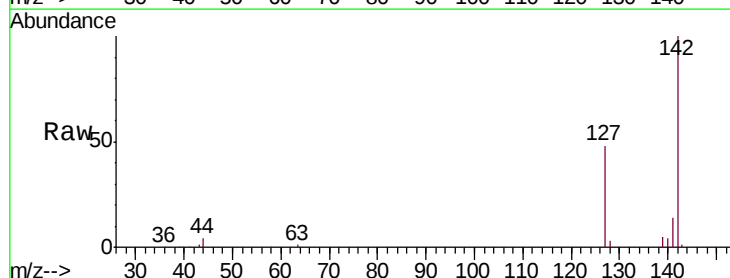
Acq: 30 Jul 2020 11:37

Tgt Ion: 142 Resp: 72456

Ion Ratio Lower Upper

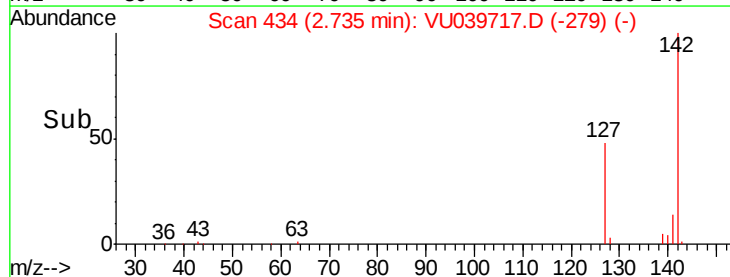
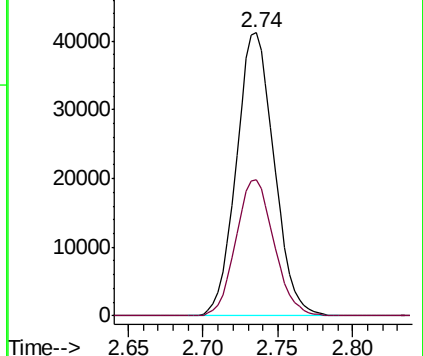
142 100

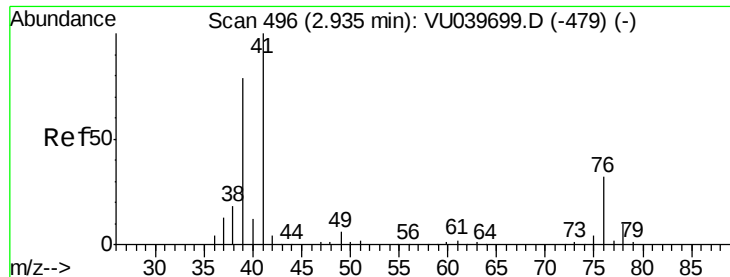
127 48.6 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039717.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU039717.D (-279) (-)

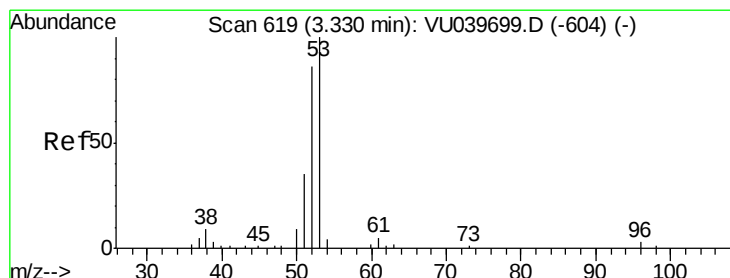
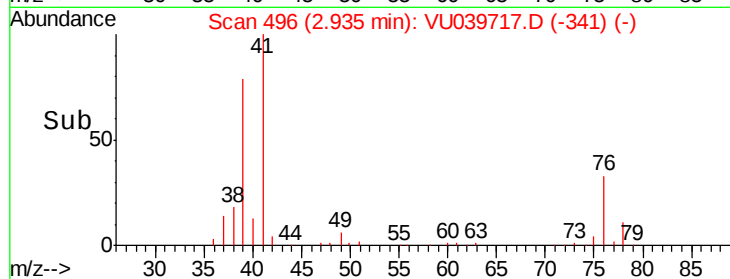
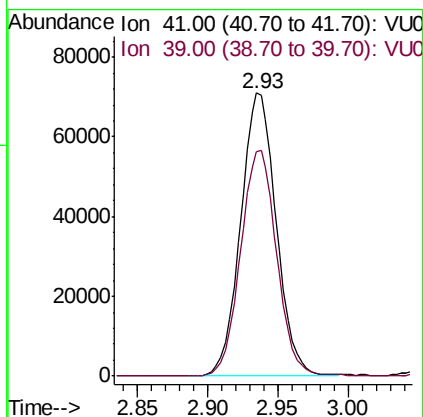
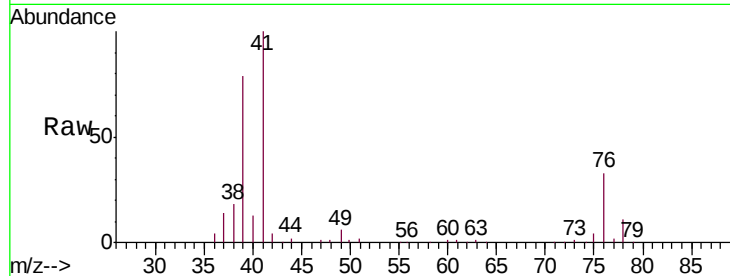




#11
 Allyl Chloride
 Concen: 9.920 ug/l
 RT: 2.93 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

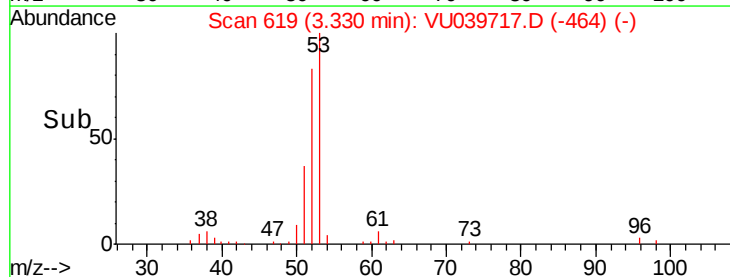
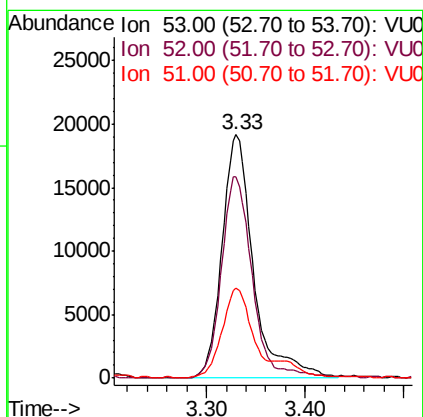
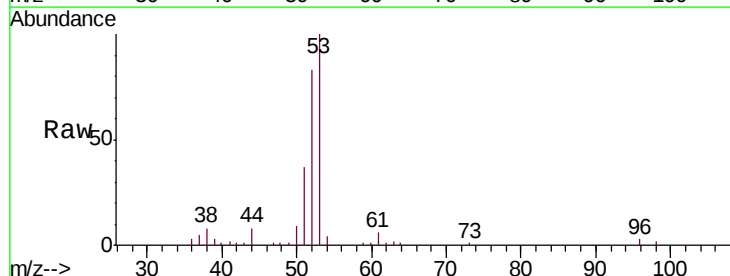
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

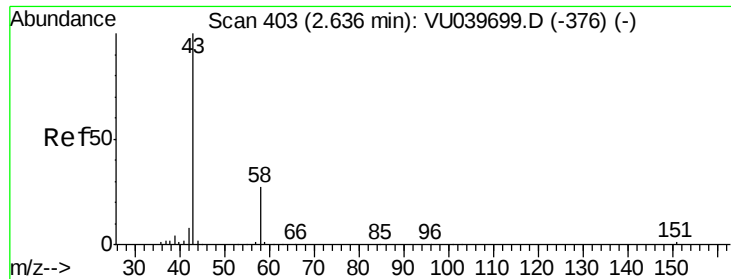
Tgt Ion: 41 Resp: 125725
 Ion Ratio Lower Upper
 41 100
 39 80.7 64.2 96.2



#12
 Acrylonitrile
 Concen: 20.854 ug/l
 RT: 3.33 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 53 Resp: 43005
 Ion Ratio Lower Upper
 53 100
 52 81.0 69.1 103.7
 51 35.2 29.4 44.2





#13

Acetone

Concen: 53.527 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

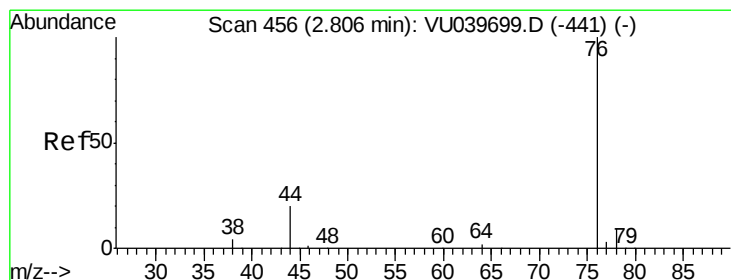
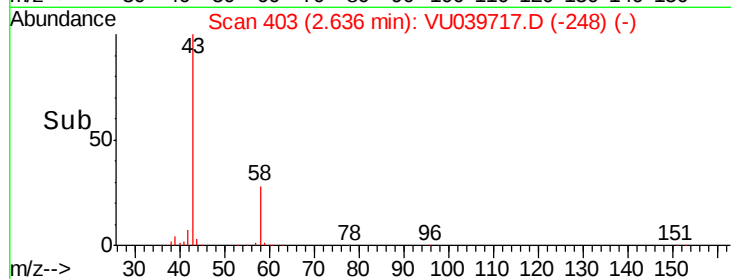
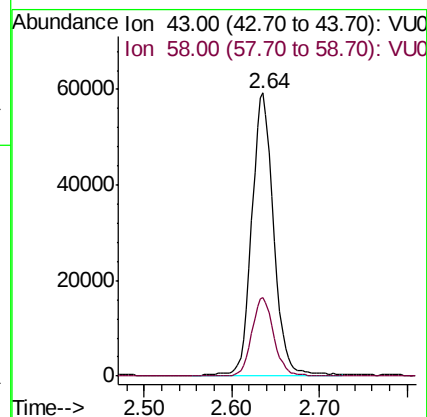
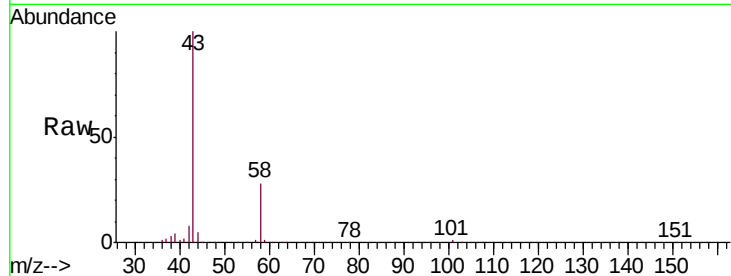
BFB55

Tgt Ion: 43 Resp: 103861

Ion Ratio Lower Upper

43 100

58 27.7 21.8 32.6



#14

Carbon Disulfide

Concen: 10.020 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039717.D

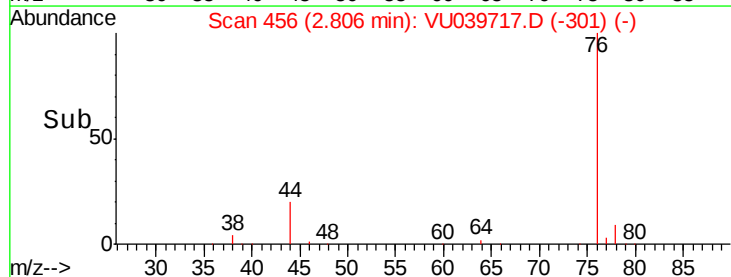
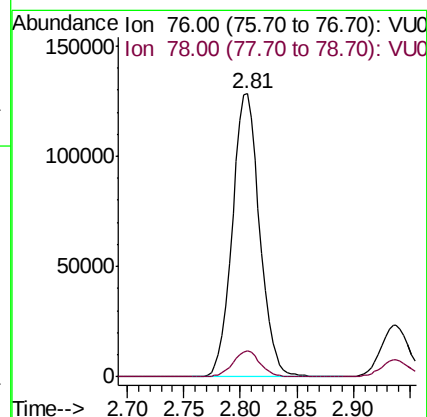
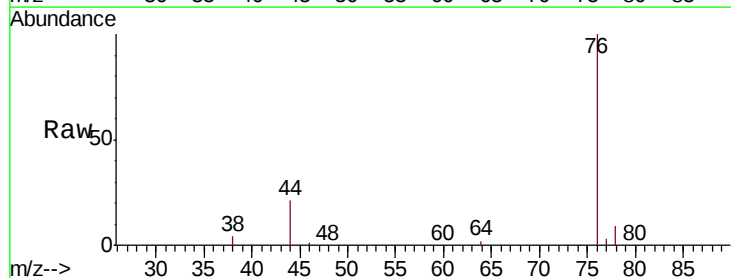
Acq: 30 Jul 2020 11:37

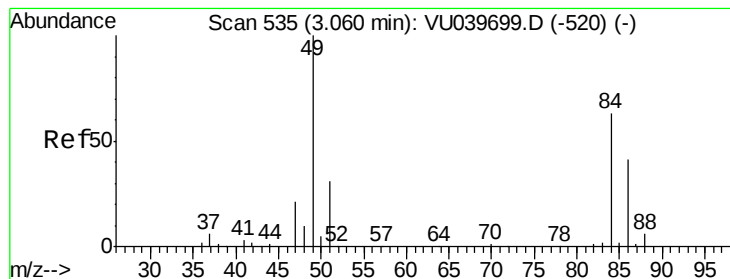
Tgt Ion: 76 Resp: 215890

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6





#15

Methylene Chloride

Concen: 9.056 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

BFB55

Tgt Ion: 84 Resp: 74168

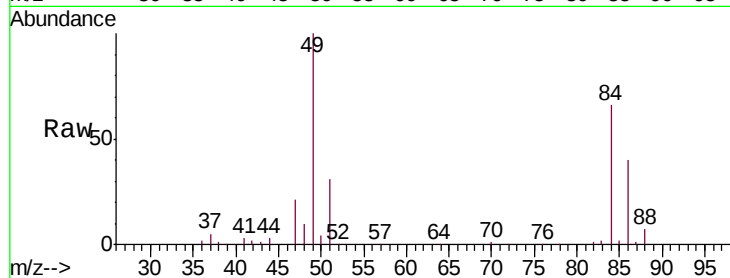
Ion Ratio Lower Upper

84 100

49 152.4 126.8 190.2

51 46.9 0.0 97.2

86 61.4 51.4 77.2

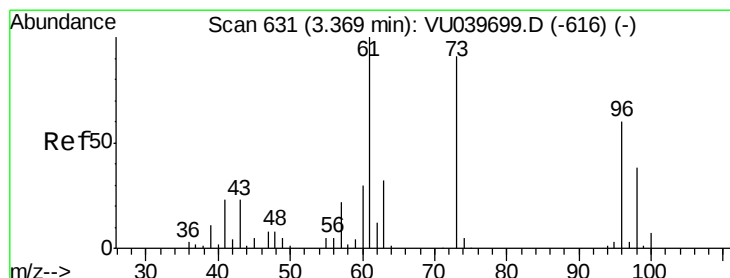
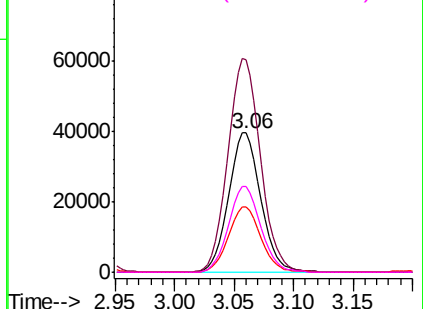
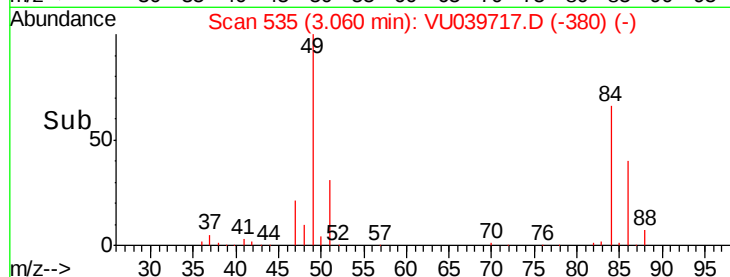


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 10.239 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

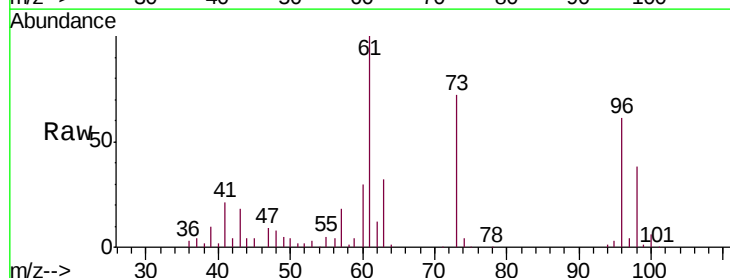
Tgt Ion: 96 Resp: 68394

Ion Ratio Lower Upper

96 100

61 162.7 132.6 199.0

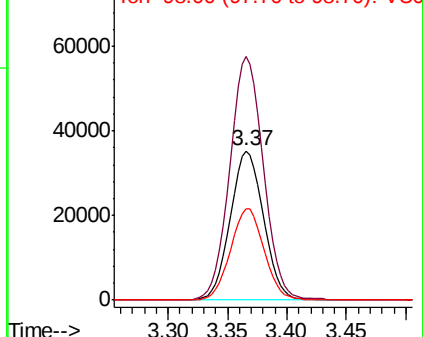
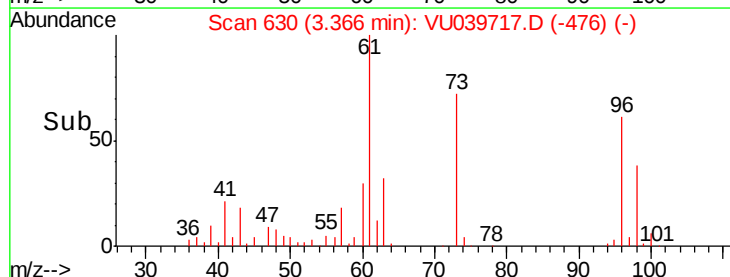
98 61.3 50.2 75.2

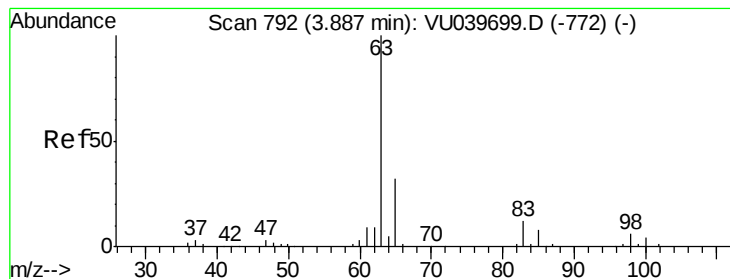


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

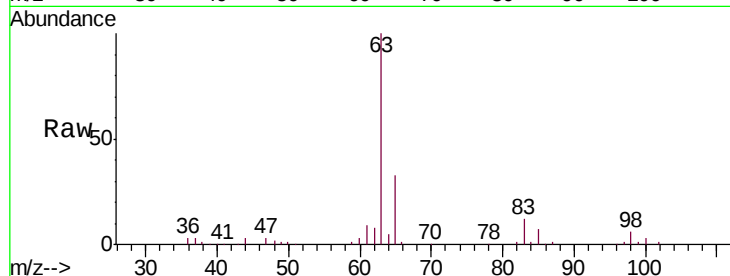




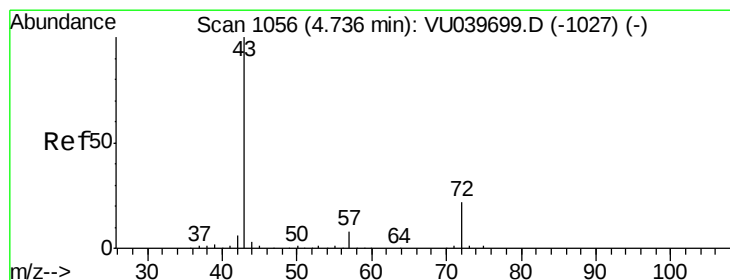
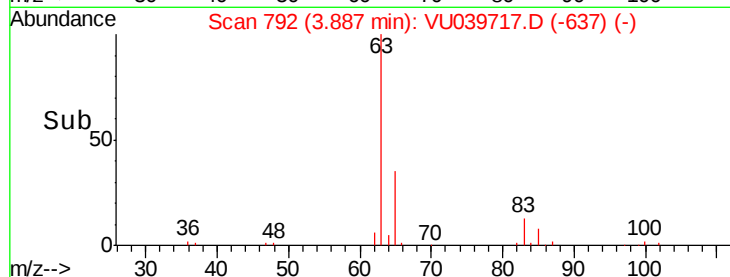
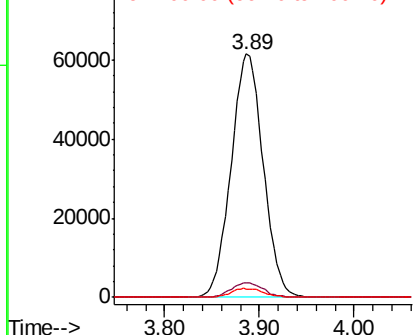
#17
 1,1-Dichloroethane
 Concen: 9.893 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

Tgt Ion: 63 Resp: 145112
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.7
 100 3.5 2.0 6.0

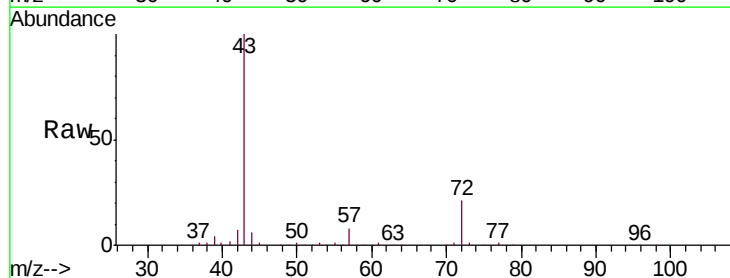


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

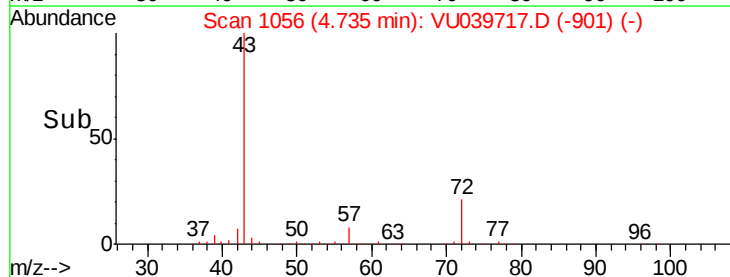
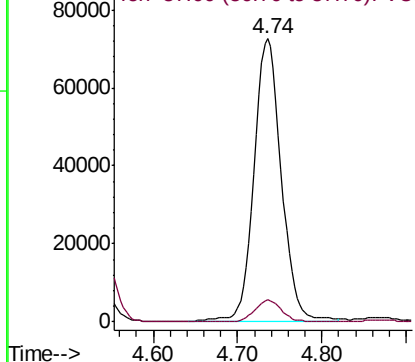


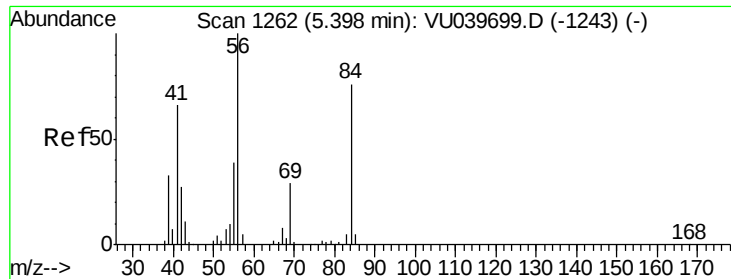
#18
 2-Butanone
 Concen: 49.558 ug/l
 RT: 4.74 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 43 Resp: 161703
 Ion Ratio Lower Upper
 43 100
 57 7.8 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

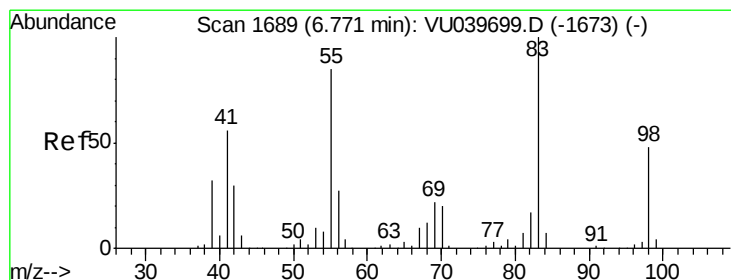
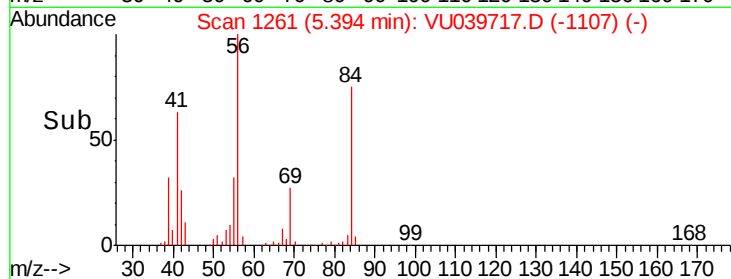
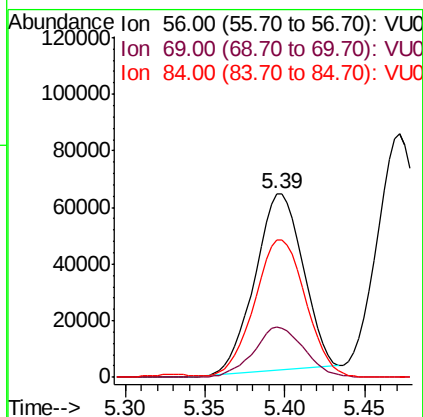
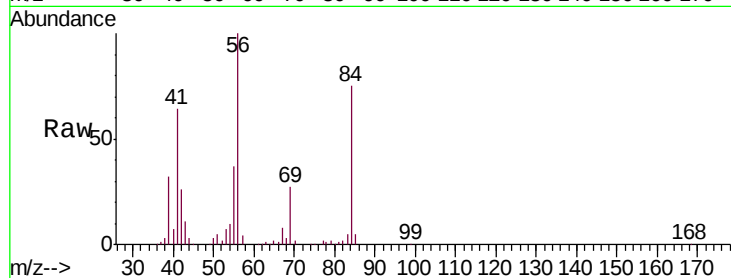




#19
Cyclohexane
Concen: 9.144 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

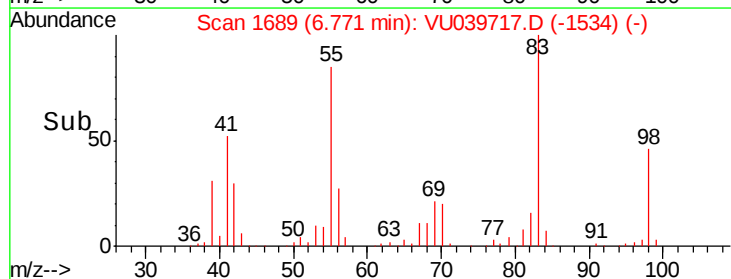
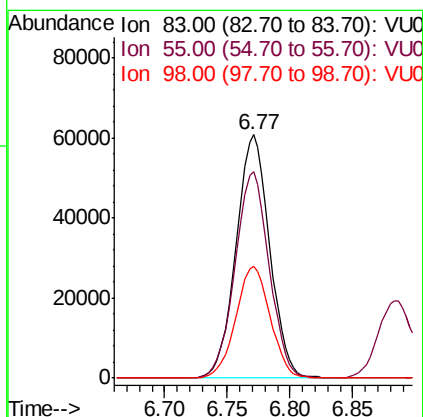
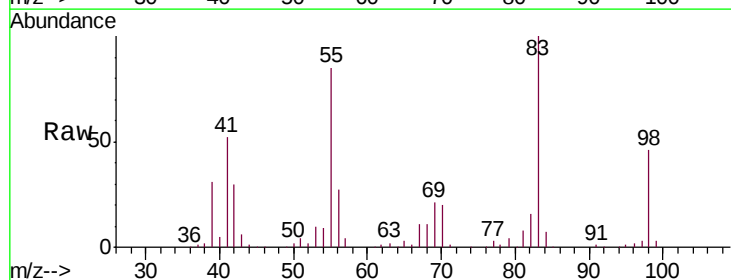
Instrument :
MSVOA_U
ClientSampled :
BFB55

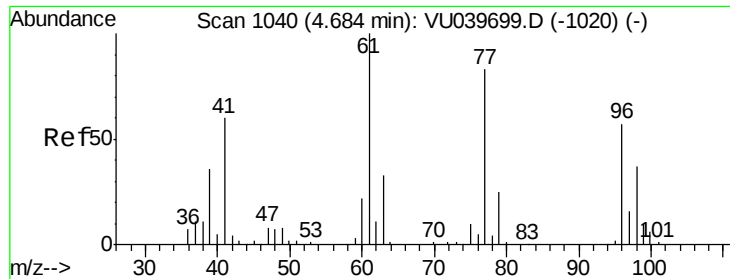
Tgt Ion: 56 Resp: 129816
Ion Ratio Lower Upper
56 100
69 30.0 22.8 34.2
84 82.0 59.9 89.9



#20
Methylcyclohexane
Concen: 10.776 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 83 Resp: 113356
Ion Ratio Lower Upper
83 100
55 85.6 67.6 101.4
98 46.8 37.3 55.9

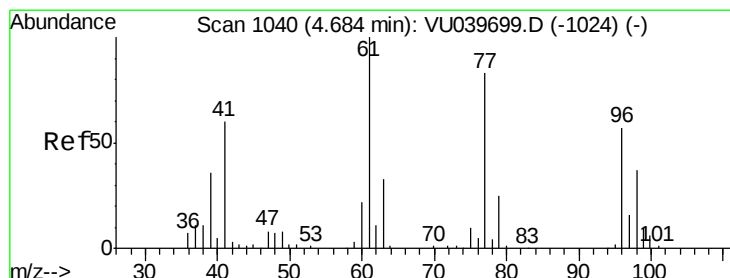
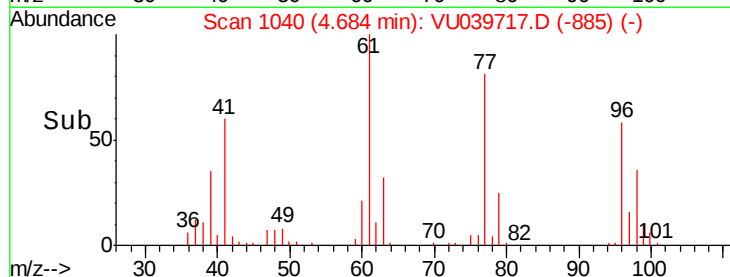
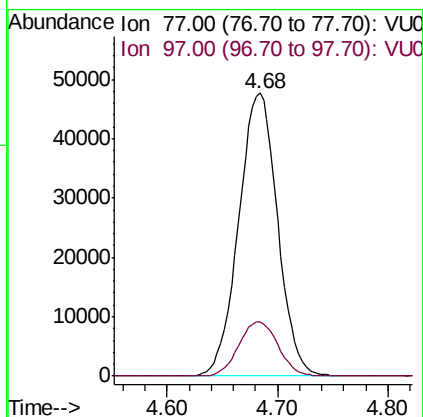
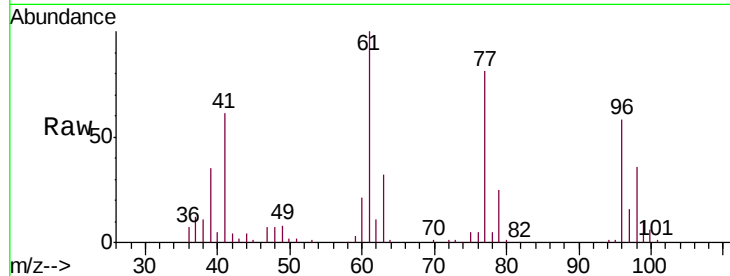




#21
 2,2-Dichloropropane
 Concen: 9.740 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

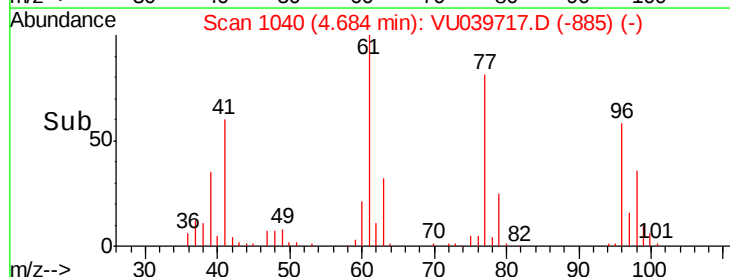
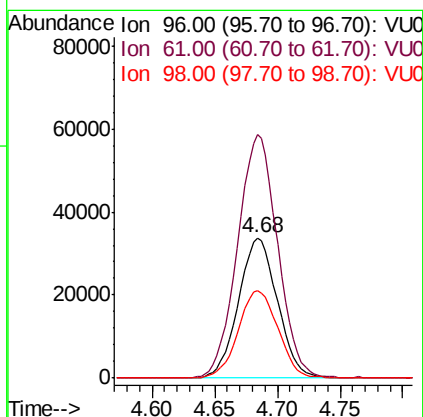
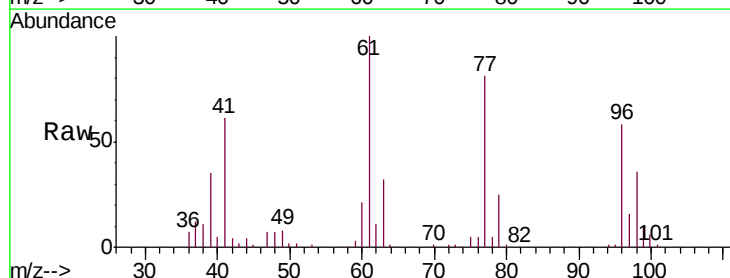
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

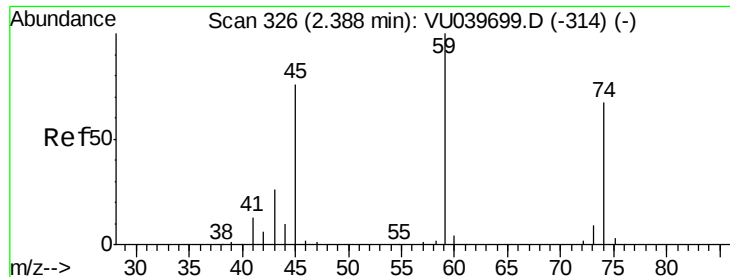
Tgt Ion: 77 Resp: 116536
 Ion Ratio Lower Upper
 77 100
 97 19.4 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 10.138 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 96 Resp: 72993
 Ion Ratio Lower Upper
 96 100
 61 177.9 0.0 451.3
 98 63.4 32.6 98.0

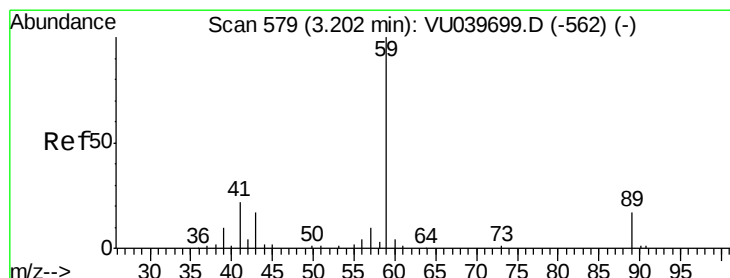
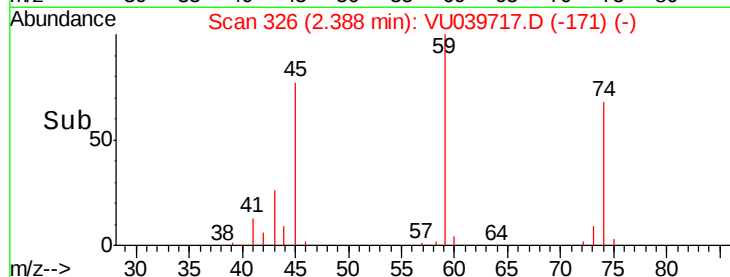
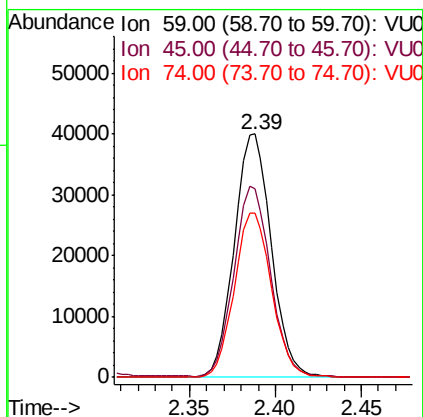
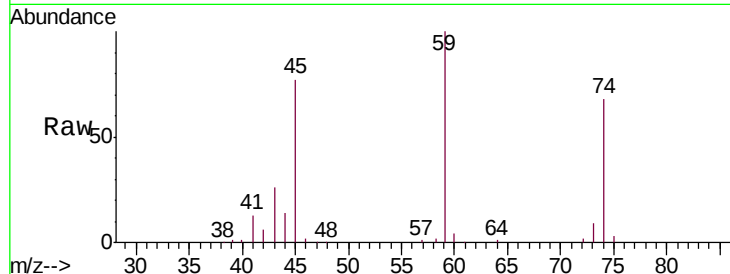




#23
Diethyl Ether
Concen: 9.955 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

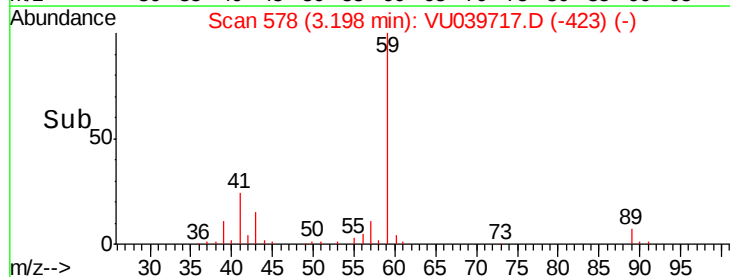
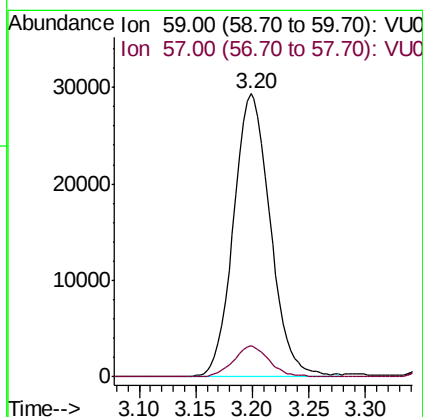
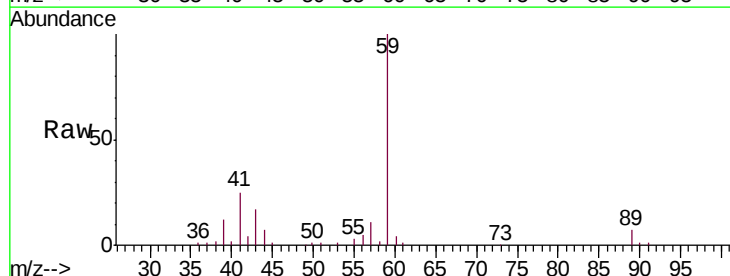
Instrument :
MSVOA_U
ClientSampleId :
BFB55

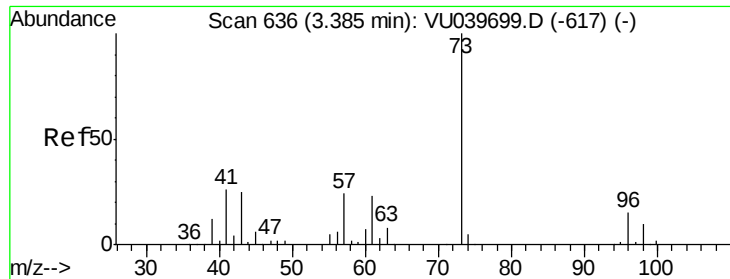
Tgt Ion: 59 Resp: 59797
Ion Ratio Lower Upper
59 100
45 76.6 61.5 92.3
74 67.9 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 92.280 ug/l
RT: 3.20 min Scan# 578
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 59 Resp: 66444
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.6



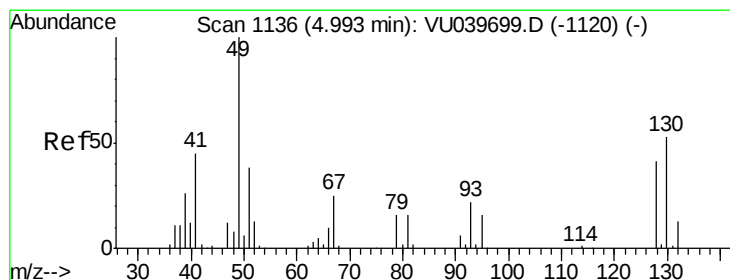
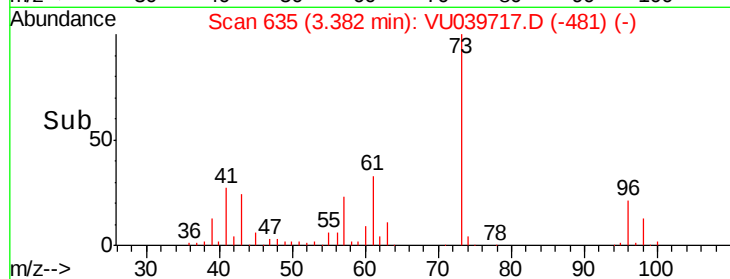
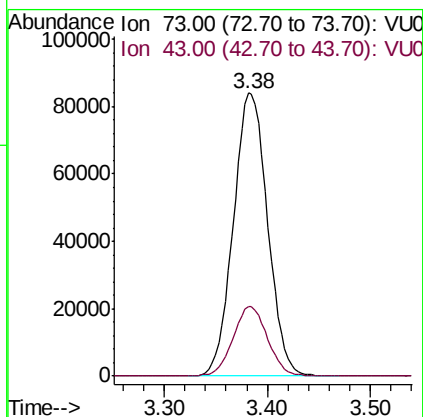
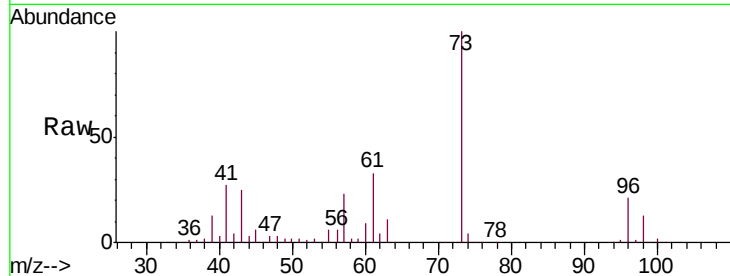


#25

Methyl tert-Butyl Ether
 Concen: 10.121 ug/l
 RT: 3.38 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleID :
 BFB55

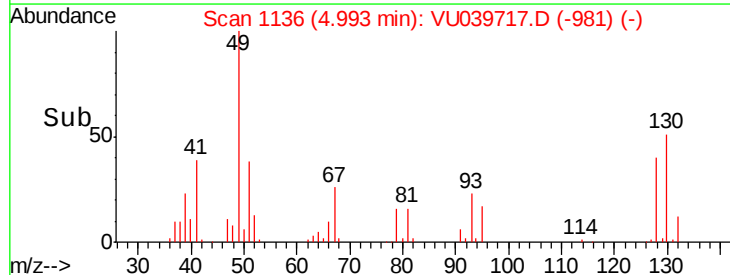
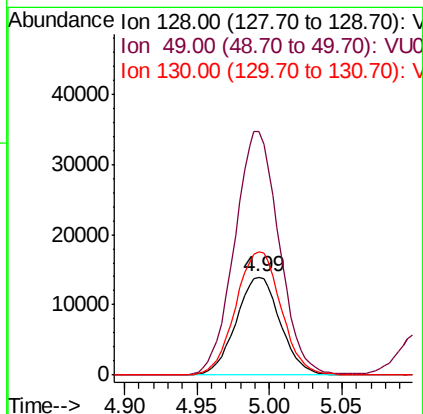
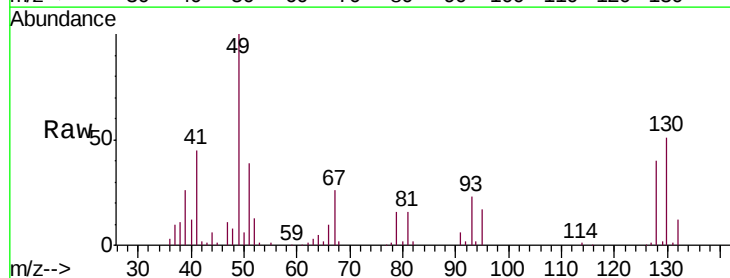
Tgt Ion: 73 Resp: 194028
 Ion Ratio Lower Upper
 73 100
 43 25.1 20.1 30.1

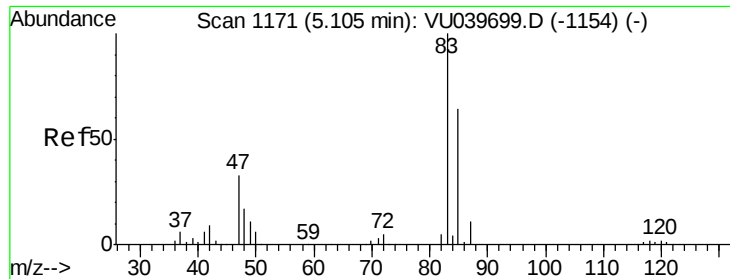


#26

Bromochloromethane
 Concen: 10.048 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 128 Resp: 29599
 Ion Ratio Lower Upper
 128 100
 49 250.5 0.0 503.8
 130 129.5 102.7 154.1

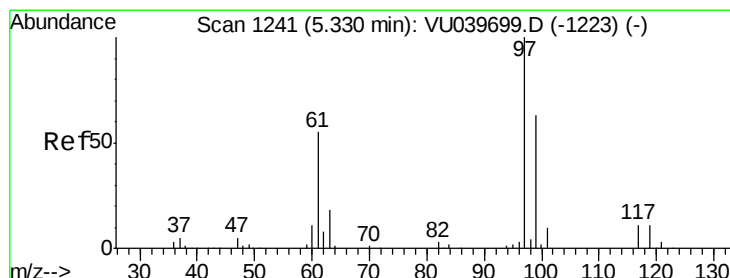
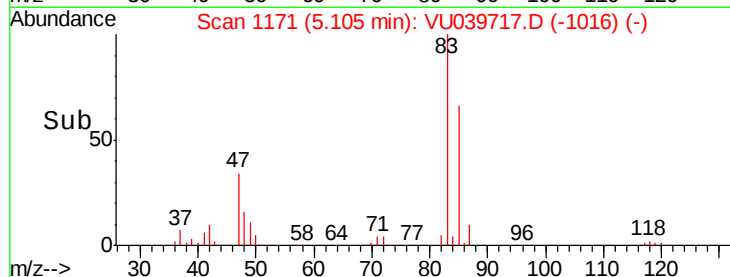
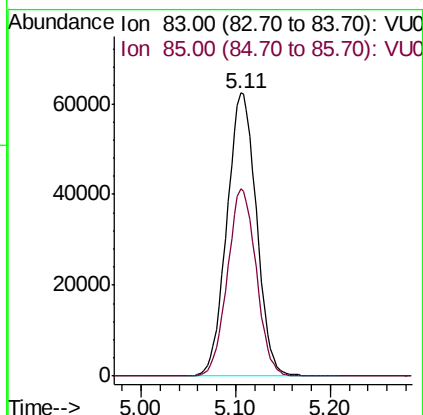
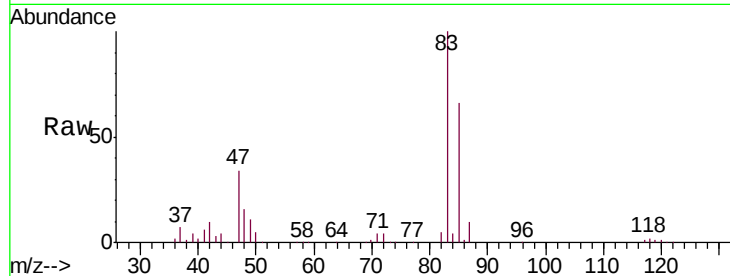




#27
Chloroform
Concen: 9.847 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

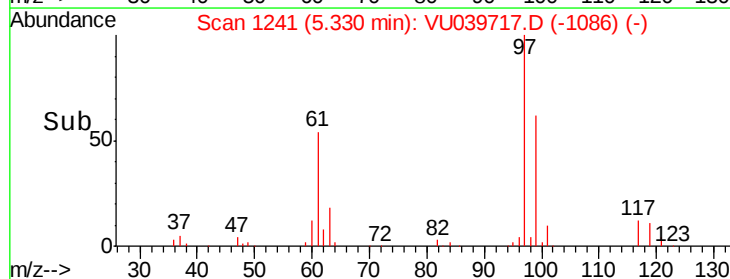
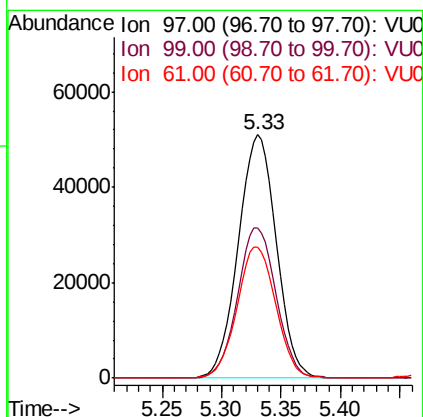
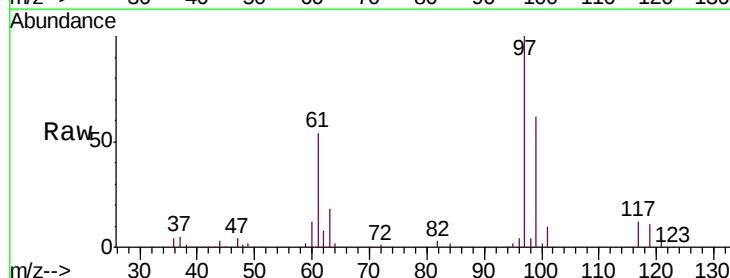
Instrument :
MSVOA_U
ClientSampleId :
BFB55

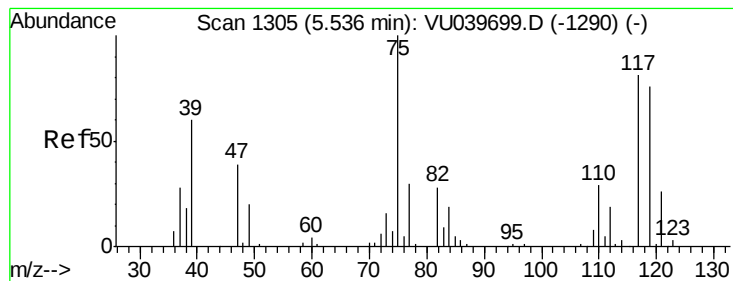
Tgt Ion: 83 Resp: 135177
Ion Ratio Lower Upper
83 100
85 66.0 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 10.189 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 97 Resp: 113174
Ion Ratio Lower Upper
97 100
99 62.4 32.2 96.6
61 54.9 28.3 85.0





#29

1,1-Dichloropropene

Concen: 10.057 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

BFB55

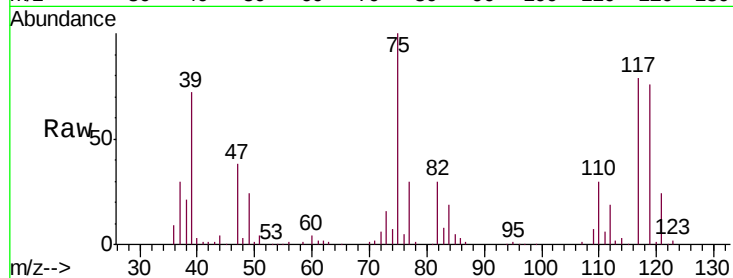
Tgt Ion: 75 Resp: 107575

Ion Ratio Lower Upper

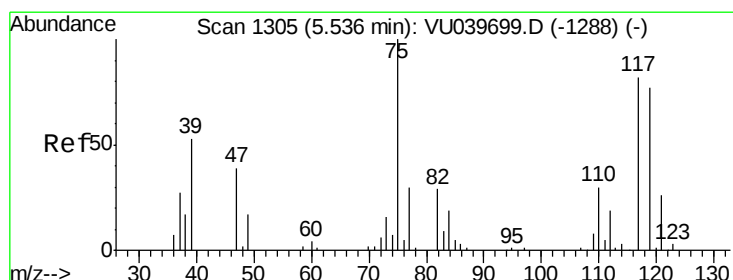
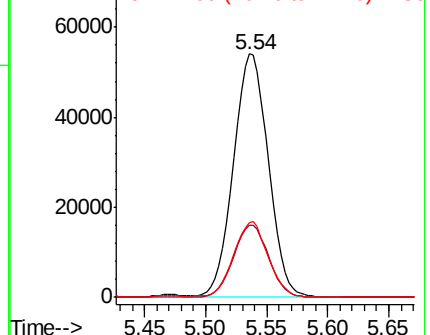
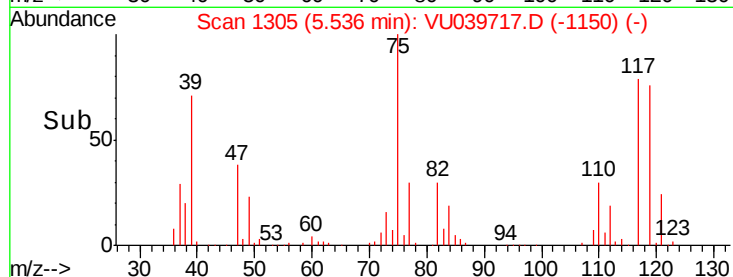
75 100

110 29.9 14.6 44.0

77 30.8 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU039717.D (-1150) (-)



#30

Carbon Tetrachloride

Concen: 10.148 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

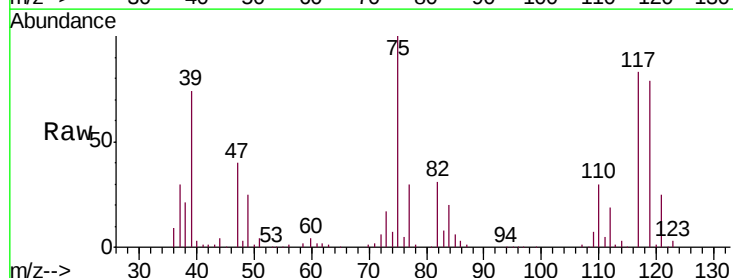
Tgt Ion: 117 Resp: 92164

Ion Ratio Lower Upper

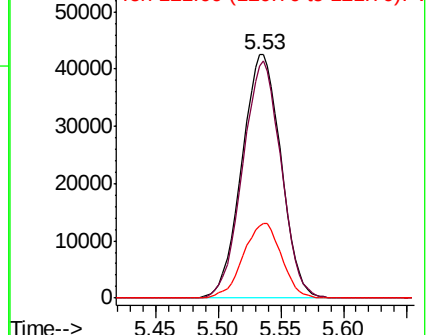
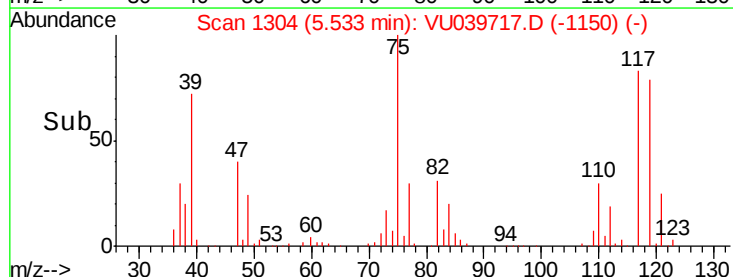
117 100

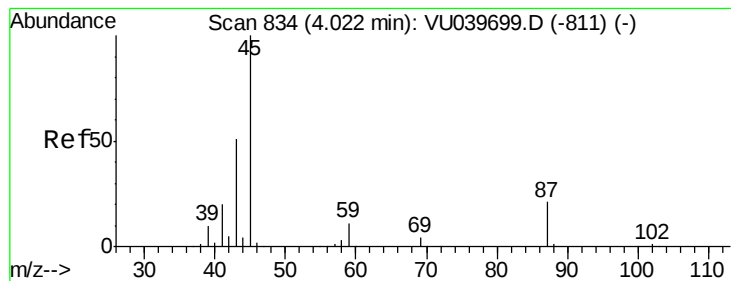
119 95.3 75.2 112.8

121 29.8 25.4 38.2



Abundance Ion 117.00 (116.70 to 117.70): VU039717.D (-1150) (-)





#31

Isopropyl Ether

Concen: 9.933 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

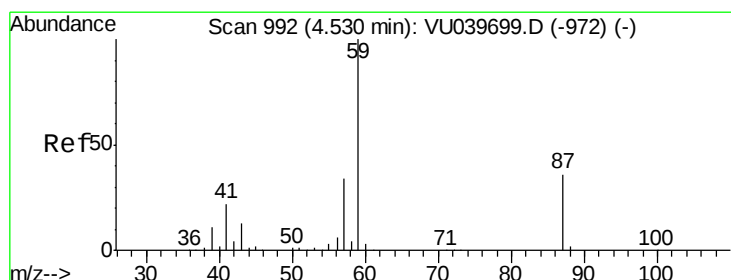
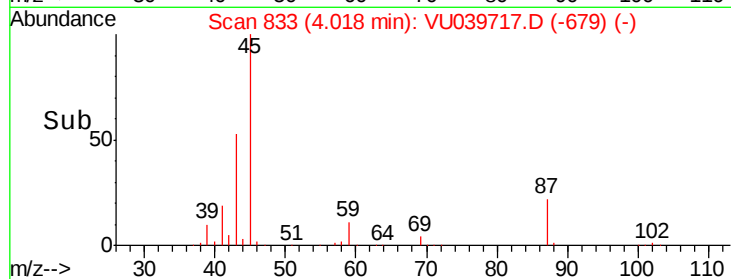
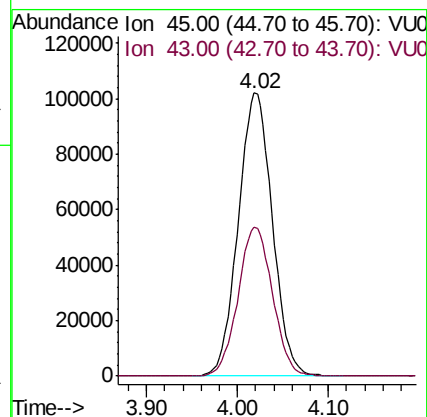
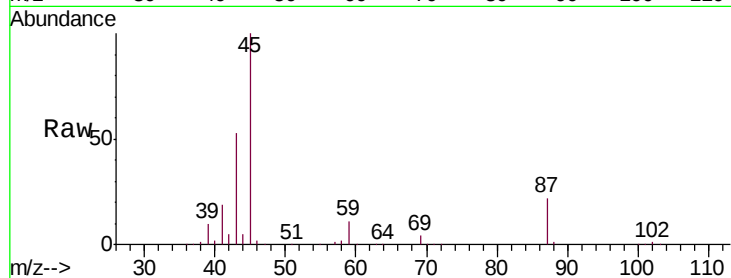
BFB55

Tgt Ion: 45 Resp: 265709

Ion Ratio Lower Upper

45 100

43 52.9 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 9.859 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039717.D

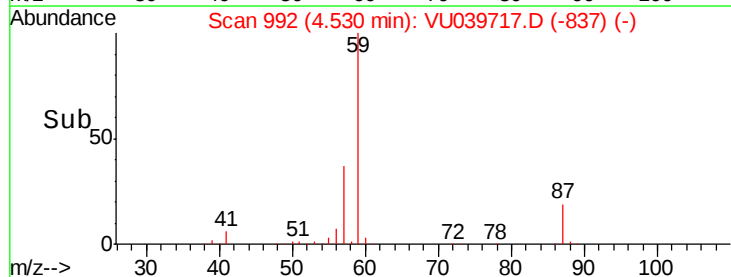
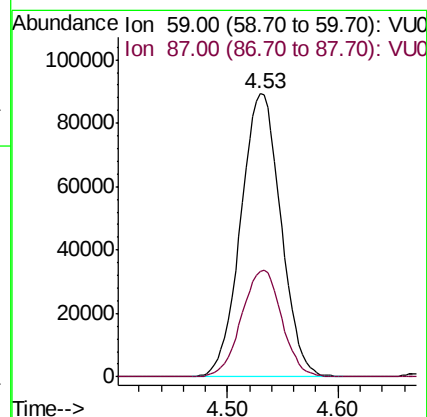
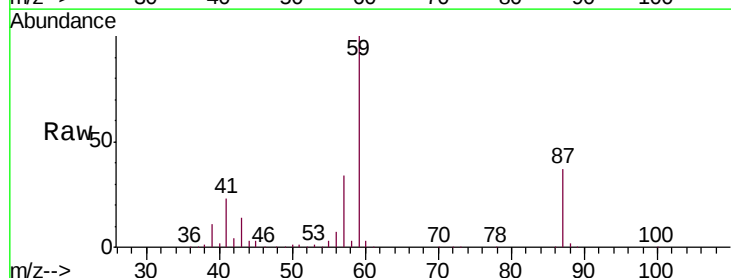
Acq: 30 Jul 2020 11:37

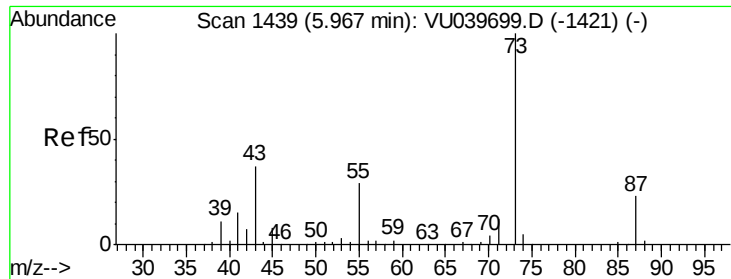
Tgt Ion: 59 Resp: 224447

Ion Ratio Lower Upper

59 100

87 37.9 29.4 44.0

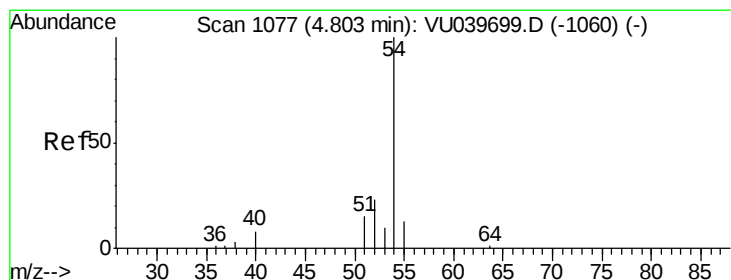
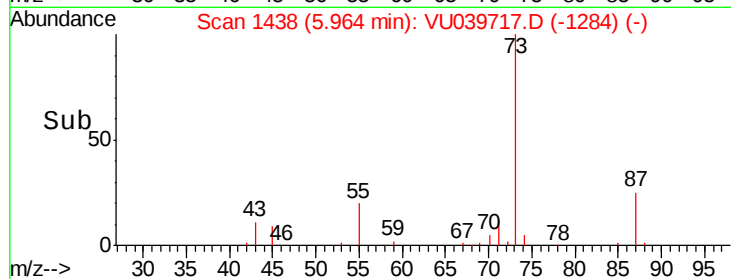
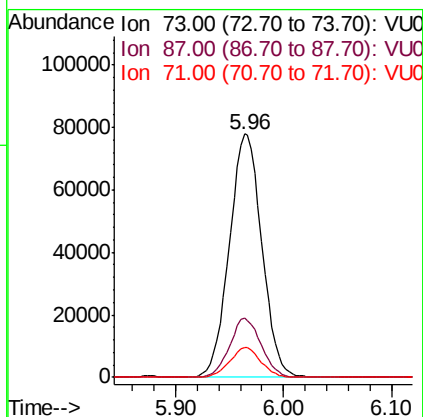
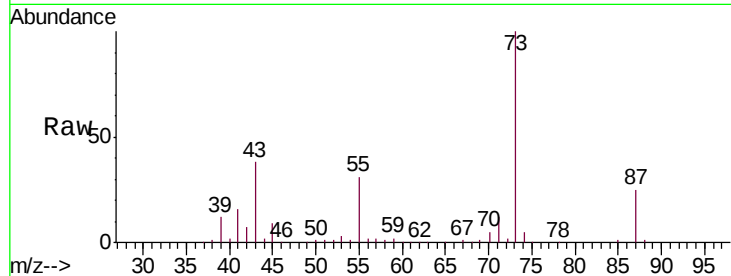




#33
Tert-Amyl methyl ether
Concen: 9.936 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

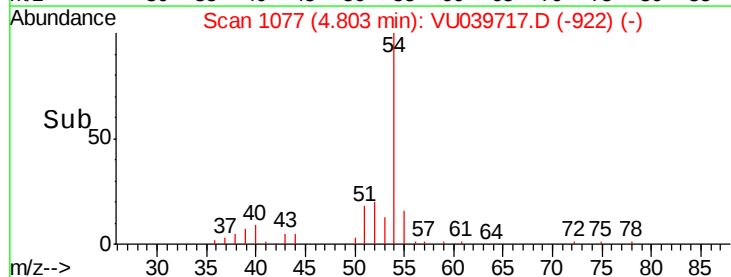
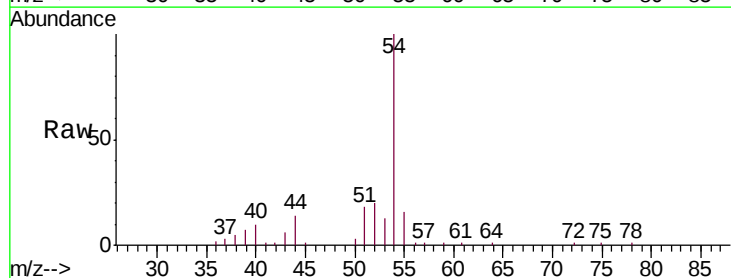
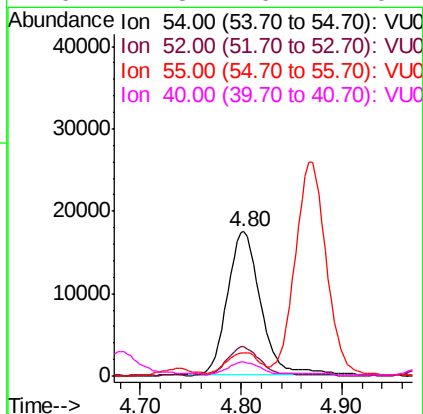
Instrument :
MSVOA_U
ClientSampleId :
BFB55

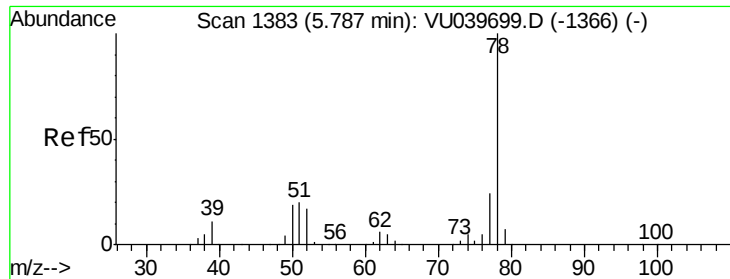
Tgt Ion: 73 Resp: 163083
Ion Ratio Lower Upper
73 100
87 23.6 18.7 28.1
71 11.8 9.1 13.7



#34
Propionitrile
Concen: 49.841 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 54 Resp: 40118
Ion Ratio Lower Upper
54 100
52 20.8 16.9 25.3
55 15.9 12.9 19.3
40 7.8 6.2 9.2





#35

Benzene

Concen: 9.879 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

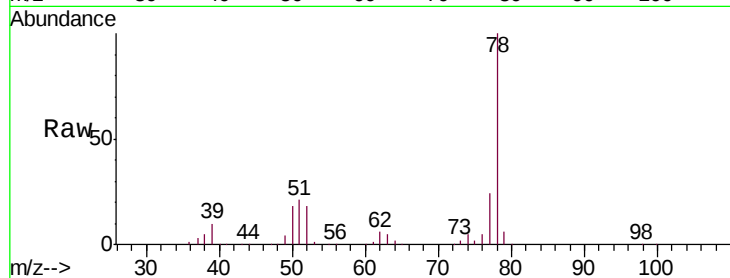
BFB55

Tgt Ion: 78 Resp: 261385

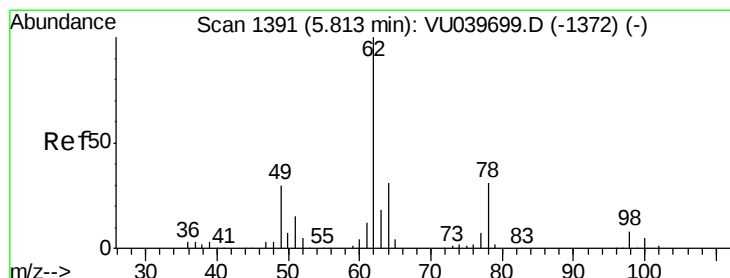
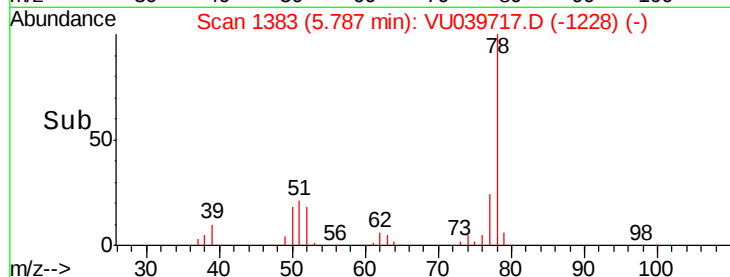
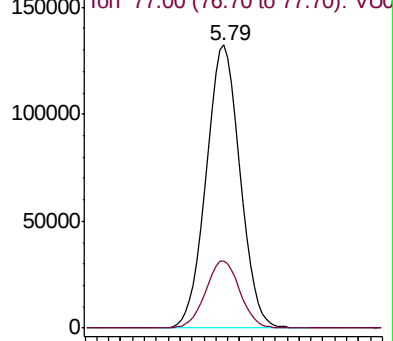
Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039717.D (-1228) (-)



#36

1,2-Dichloroethane

Concen: 9.814 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039717.D

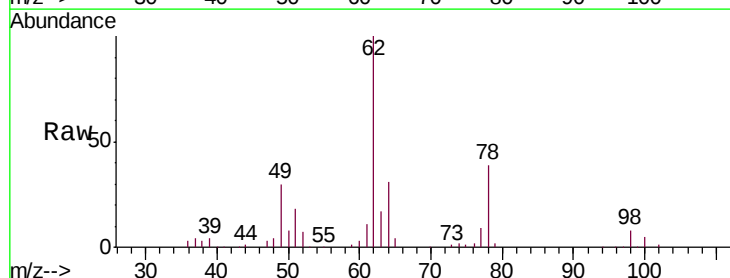
Acq: 30 Jul 2020 11:37

Tgt Ion: 62 Resp: 97329

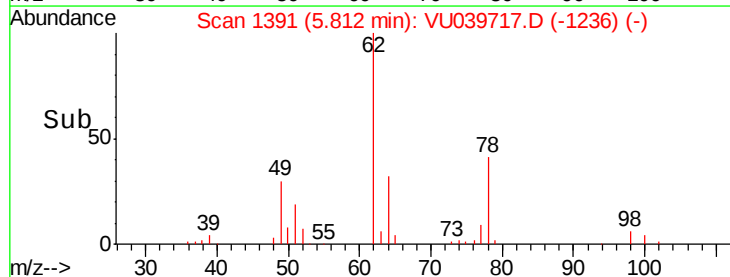
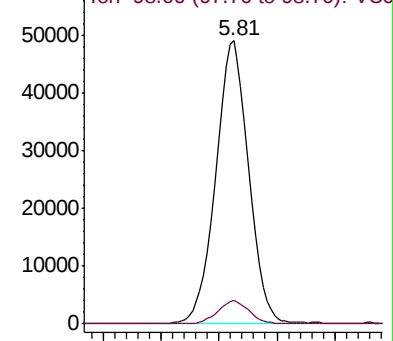
Ion Ratio Lower Upper

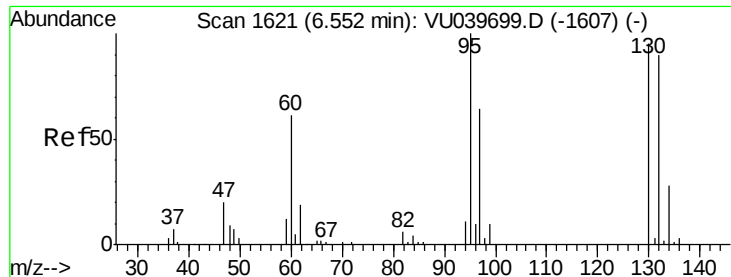
62 100

98 7.8 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039717.D (-1236) (-)

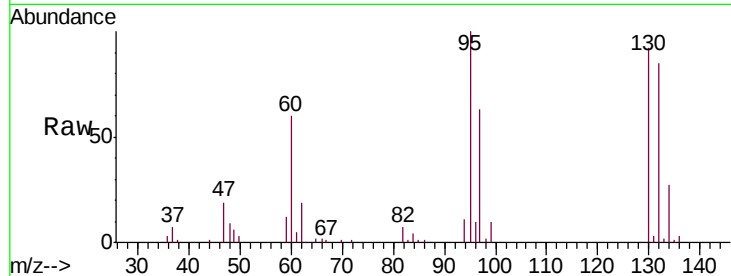




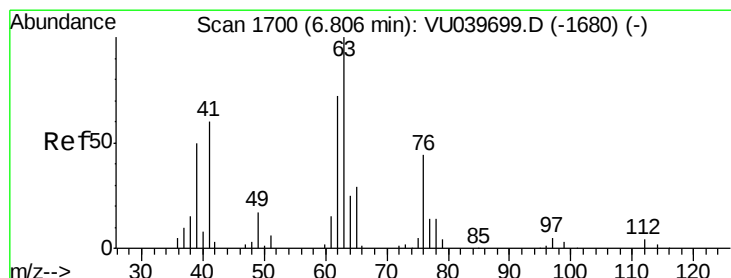
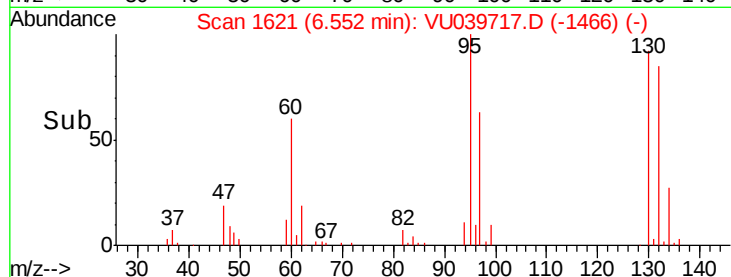
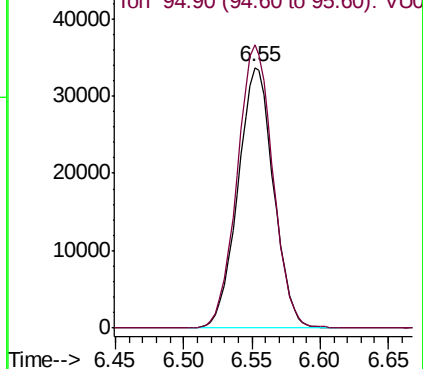
#37
 Trichloroethene
 Concen: 10.092 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

Tgt Ion: 130 Resp: 61088
 Ion Ratio Lower Upper
 130 100
 95 108.5 84.3 126.5

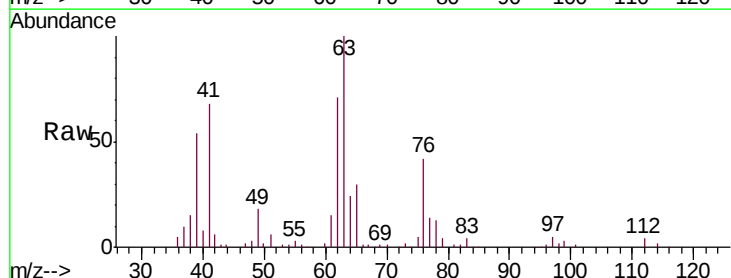


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

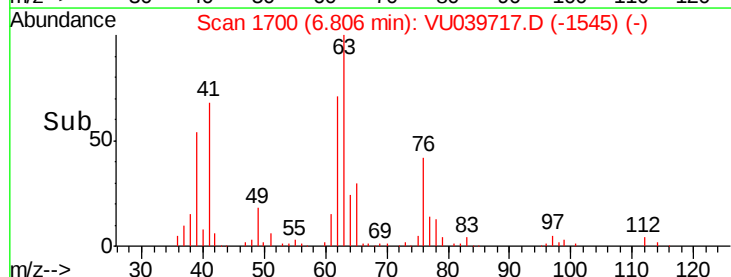
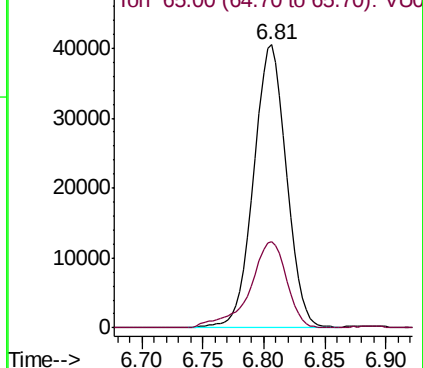


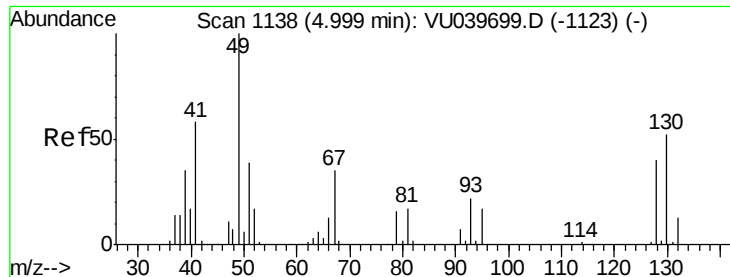
#38
 1,2-Dichloropropane
 Concen: 10.334 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 63 Resp: 75355
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-1680) (-)
 Ion 65.00 (64.70 to 65.70): VU039699.D (-1680) (-)

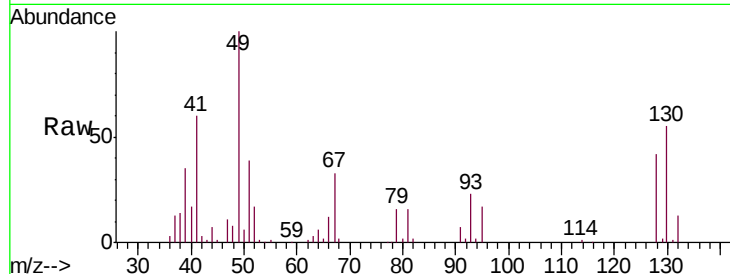




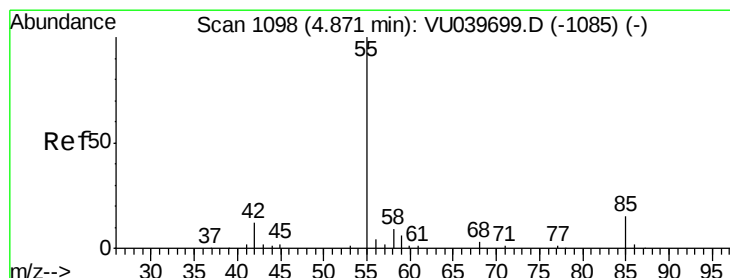
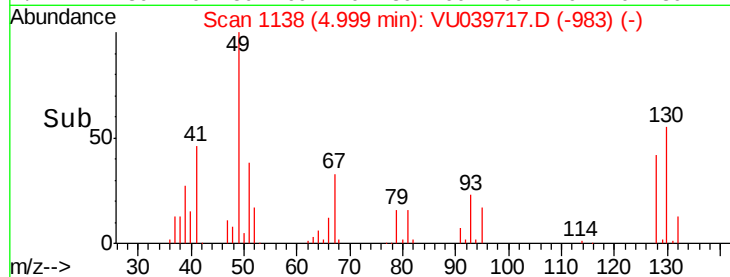
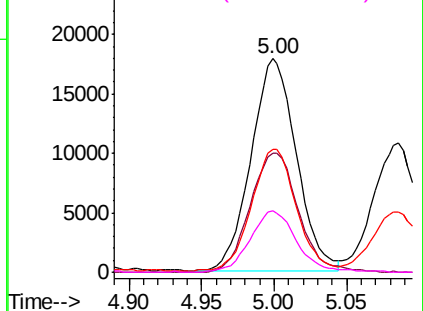
#39
Methacrylonitrile
Concen: 9.152 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampled :
BFB55

Tgt Ion:	41	Resp:	38821
Ion	Ratio	Lower	Upper
41	100		
67	59.6	48.3	72.5
39	56.6	47.6	71.4
52	29.5	23.9	35.9

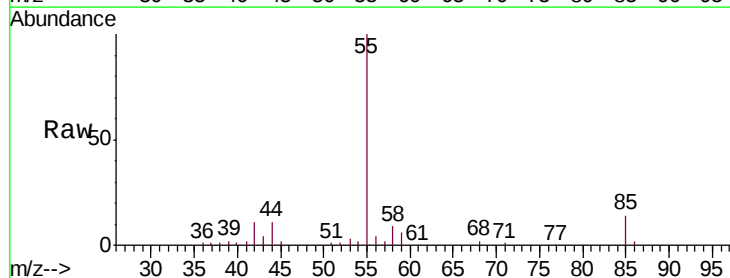


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

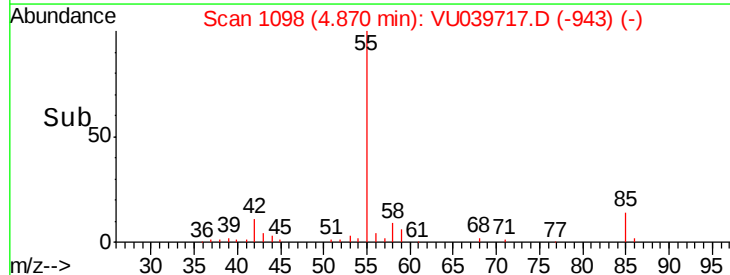
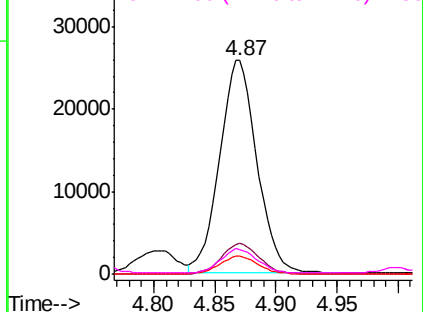


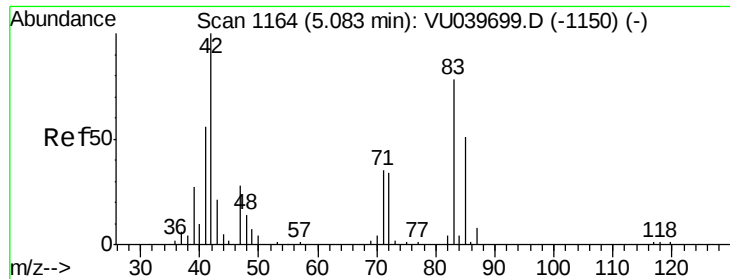
#40
Methyl acrylate
Concen: 10.045 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion:	55	Resp:	54948
Ion	Ratio	Lower	Upper
55	100		
85	14.4	11.4	17.0
58	8.6	7.4	11.0
42	11.1	10.3	15.5



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 18.078 ug/l

RT: 5.08 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

BFB55

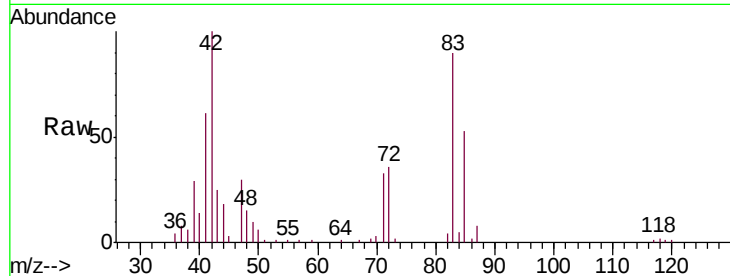
Tgt Ion: 42 Resp: 38583

Ion Ratio Lower Upper

42 100

72 38.5 31.0 46.6

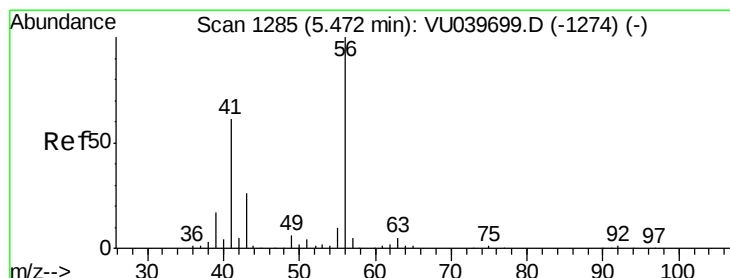
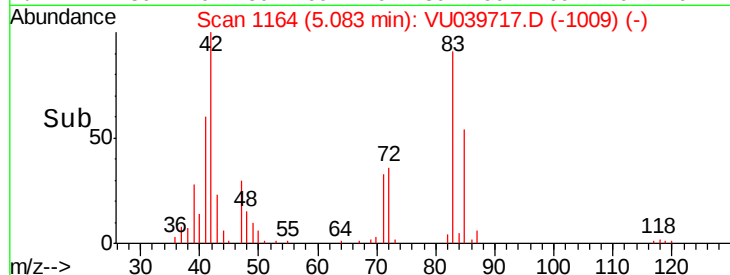
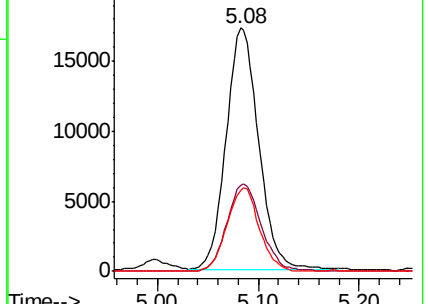
71 34.3 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU039717.D (-1150) (-)

Ion 72.00 (71.70 to 72.70): VU039717.D (-1150) (-)

Ion 71.00 (70.70 to 71.70): VU039717.D (-1150) (-)



#42

1-Chlorobutane

Concen: 10.085 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039717.D

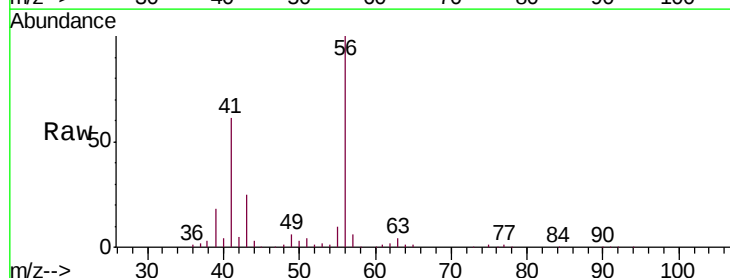
Acq: 30 Jul 2020 11:37

Tgt Ion: 56 Resp: 169293

Ion Ratio Lower Upper

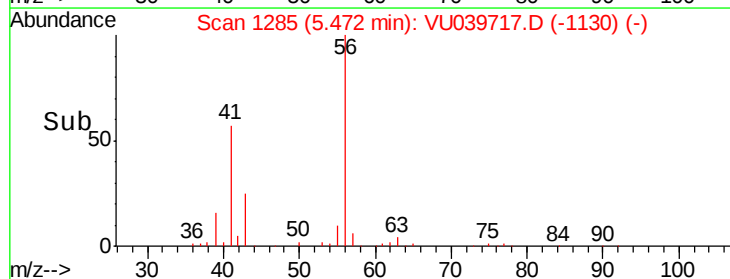
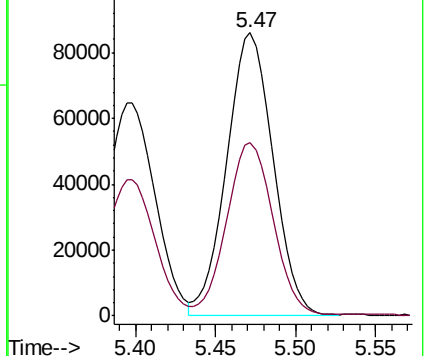
56 100

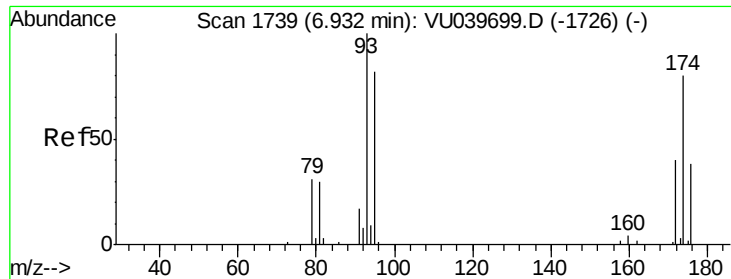
41 60.4 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039717.D (-1274) (-)

Ion 41.00 (40.70 to 41.70): VU039717.D (-1274) (-)





#43

Dibromomethane

Concen: 9.830 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampled :

BFB55

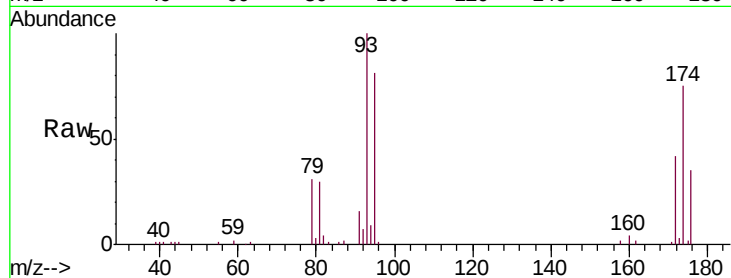
Tgt Ion: 93 Resp: 38572

Ion Ratio Lower Upper

93 100

95 81.4 66.6 99.8

174 77.7 62.7 94.1

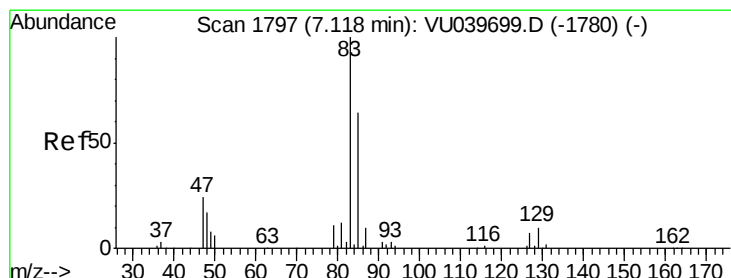
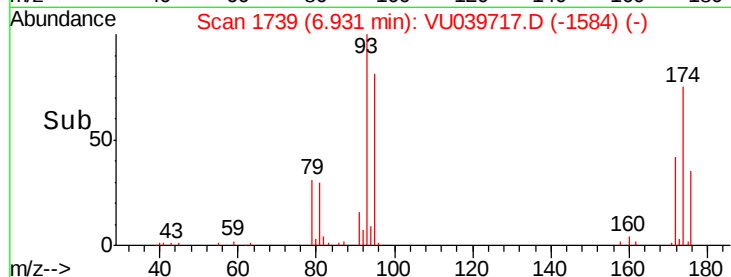


Abundance Ion 93.00 (92.70 to 93.70): VU039717.D (-1726) (-)

Ion 95.00 (94.70 to 95.70): VU039717.D (-1726) (-)

Ion 174.00 (173.70 to 174.70): VU039717.D (-1726) (-)

Time-->



#44

Bromodichloromethane

Concen: 10.338 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

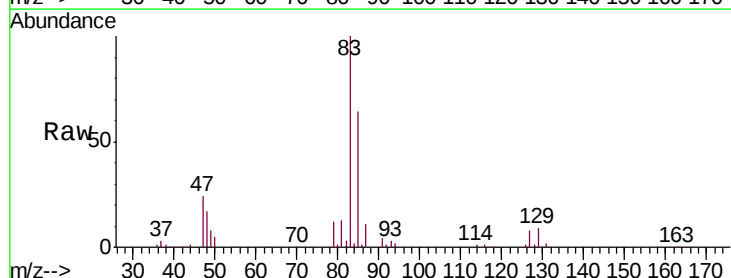
Tgt Ion: 83 Resp: 93008

Ion Ratio Lower Upper

83 100

85 64.5 50.8 76.2

127 7.7 5.8 8.6

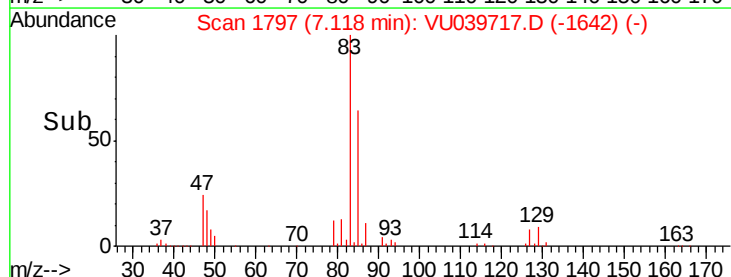


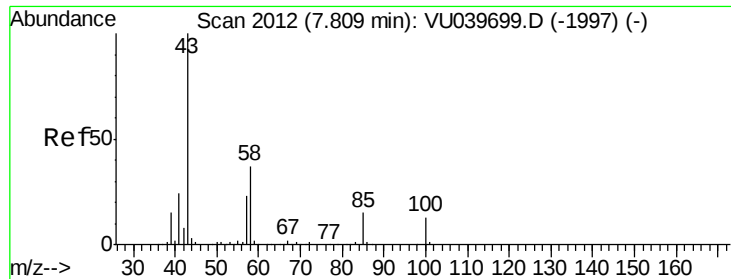
Abundance Ion 83.00 (82.70 to 83.70): VU039717.D (-1780) (-)

Ion 85.00 (84.70 to 85.70): VU039717.D (-1780) (-)

Ion 127.00 (126.70 to 127.70): VU039717.D (-1780) (-)

Time-->

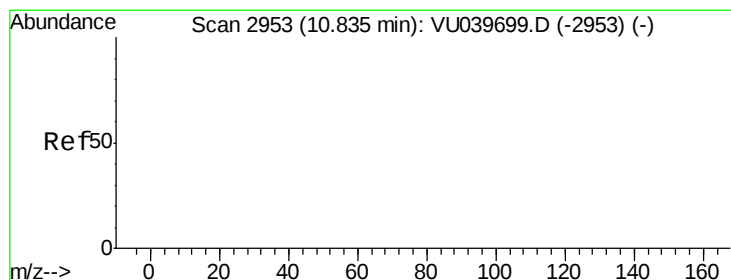
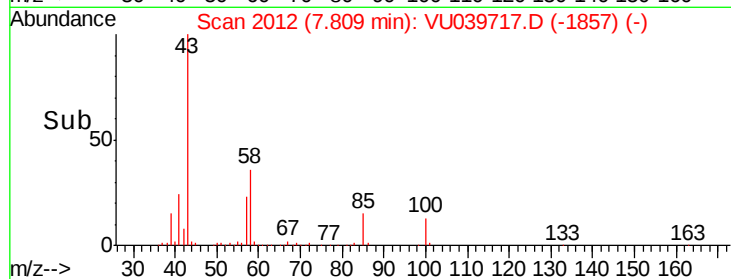
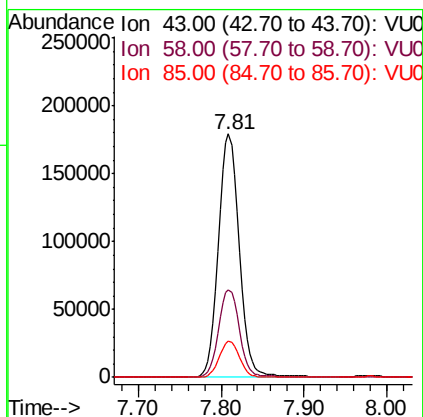
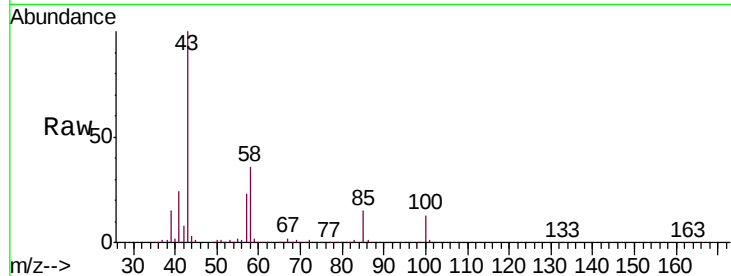




#45
 4-Methyl-2-Pentanone
 Concen: 52.403 ug/l
 RT: 7.81 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

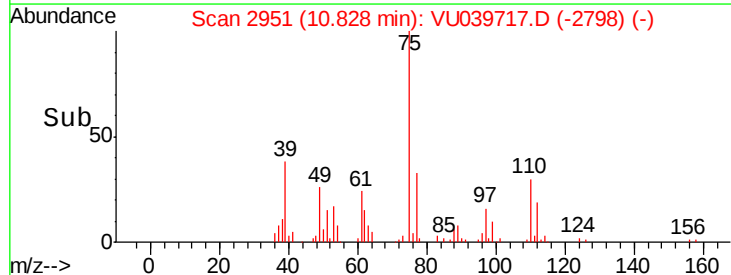
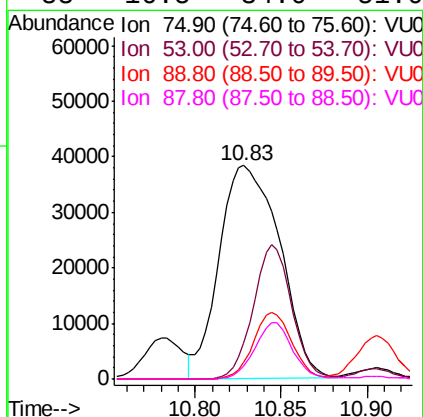
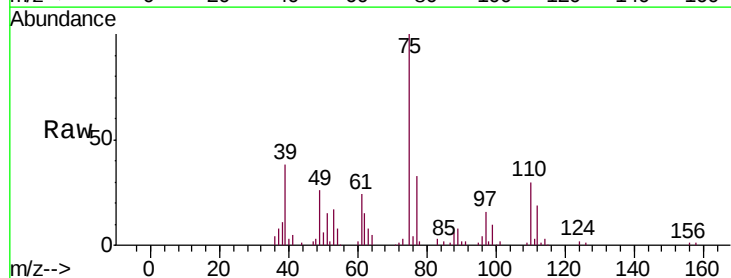
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

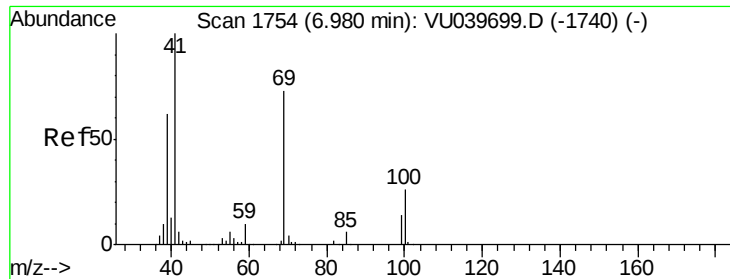
Tgt Ion: 43 Resp: 311492
 Ion Ratio Lower Upper
 43 100
 58 35.9 18.4 55.0
 85 14.6 11.8 17.6



#46
 t-1,4-Dichloro-2-butene
 Concen: 53.161 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 75 Resp: 93987
 Ion Ratio Lower Upper
 75 100
 53 39.9 78.6 118.0#
 89 19.8 40.3 60.5#
 88 16.5 34.0 51.0#

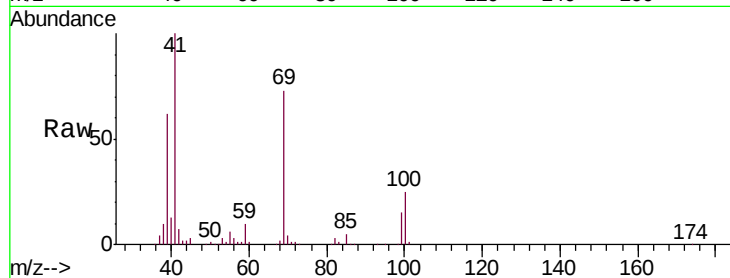




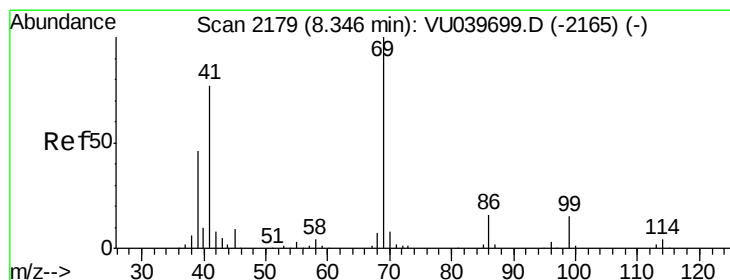
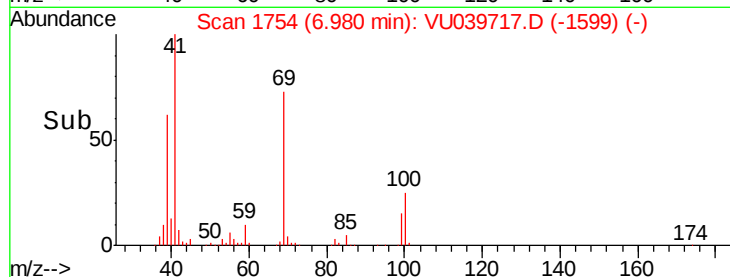
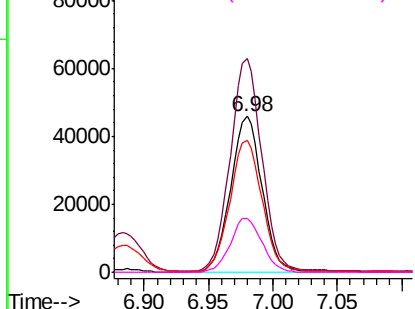
#47
Methyl methacrylate
Concen: 21.362 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampleId :
BFB55

Tgt Ion: 69 Resp: 78182
Ion Ratio Lower Upper
69 100
41 136.5 0.0 271.6
39 86.1 67.4 101.2
100 34.5 28.3 42.5

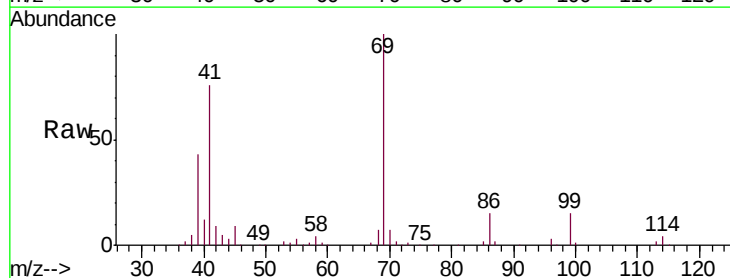


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

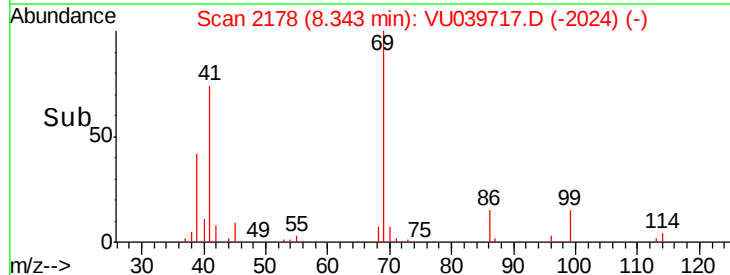
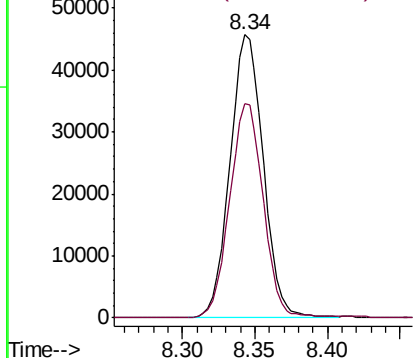


#48
Ethyl methacrylate
Concen: 10.809 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 69 Resp: 72811
Ion Ratio Lower Upper
69 100
41 77.0 39.1 117.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.586 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

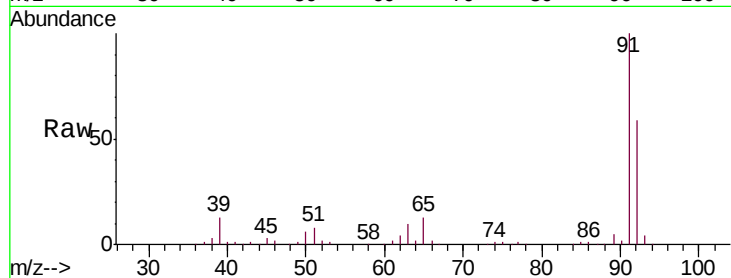
BFB55

Tgt Ion: 92 Resp: 166712

Ion Ratio Lower Upper

92 100

91 169.1 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039717.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU039717.D (-1909) (-)

200000

150000

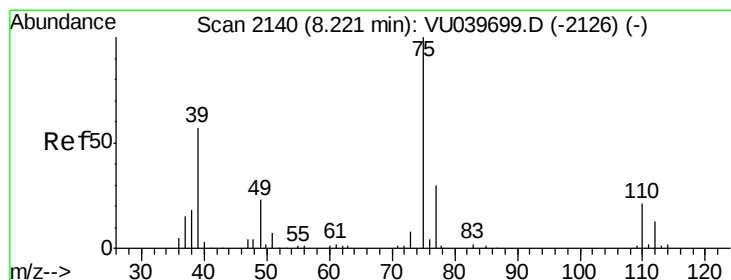
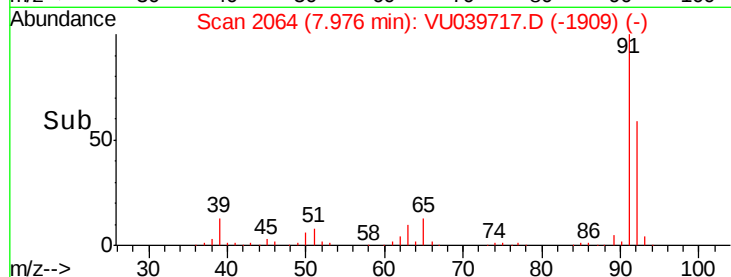
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#50

t-1,3-Dichloropropene

Concen: 11.041 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039717.D

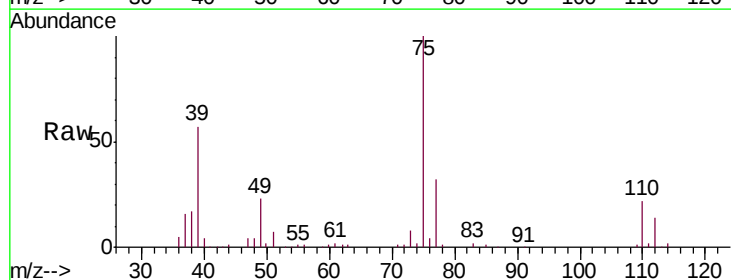
Acq: 30 Jul 2020 11:37

Tgt Ion: 75 Resp: 89465

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039717.D (-1985) (-)

Ion 77.00 (76.70 to 77.70): VU039717.D (-1985) (-)

60000

50000

40000

30000

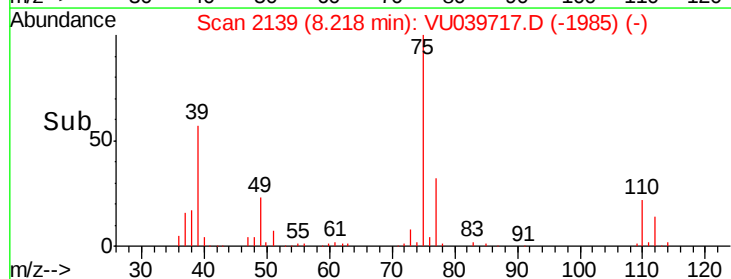
20000

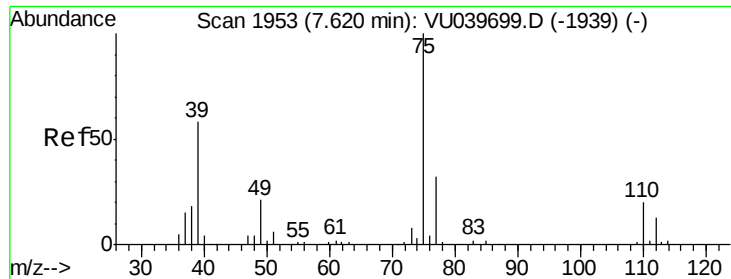
10000

0

8.15 8.20 8.25 8.30

Time-->



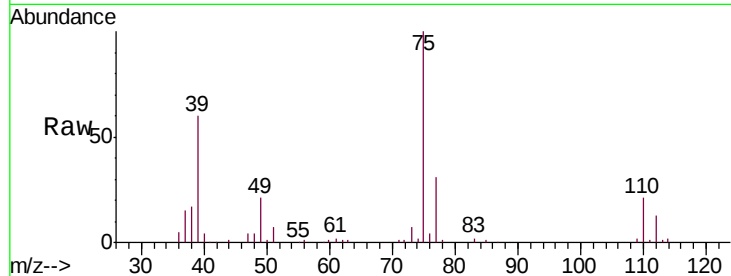


#51

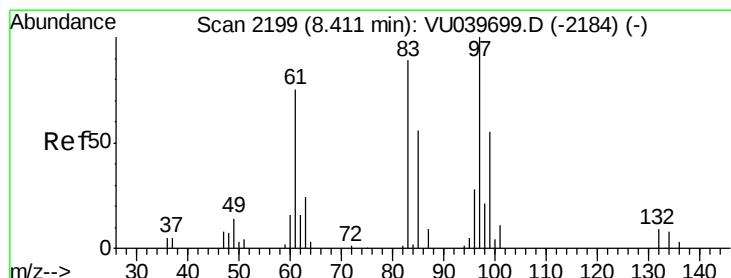
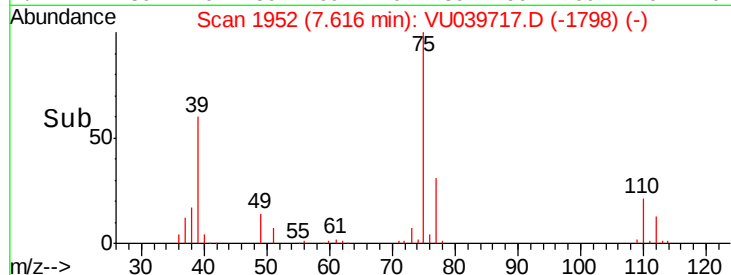
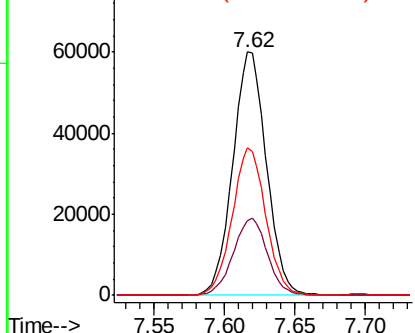
cis-1,3-Dichloropropene
 Concen: 10.536 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

Tgt Ion: 75 Resp: 100349
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5
 39 60.3 46.1 69.1



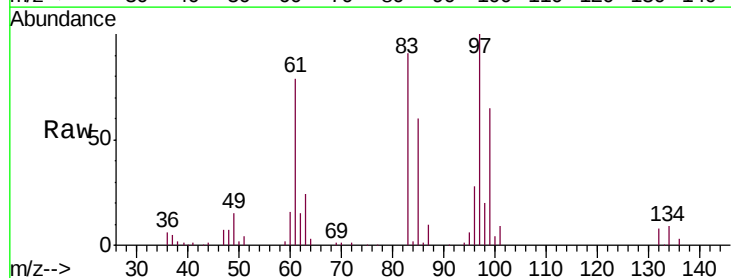
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



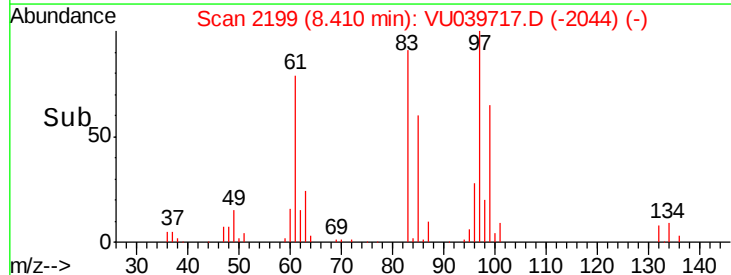
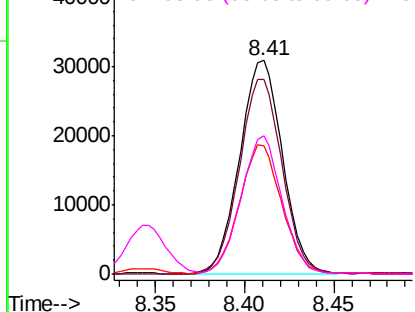
#52

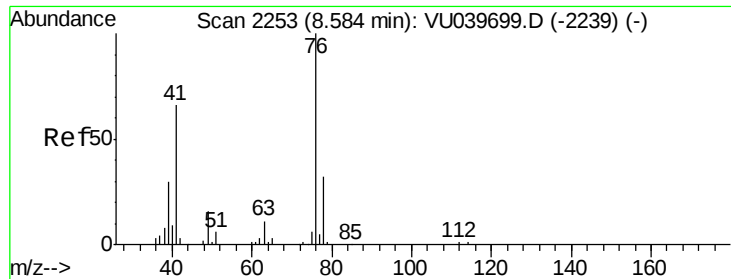
1,1,2-Trichloroethane
 Concen: 10.208 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 97 Resp: 52041
 Ion Ratio Lower Upper
 97 100
 83 90.9 71.3 106.9
 85 60.2 45.4 68.2
 99 64.3 49.4 74.0



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

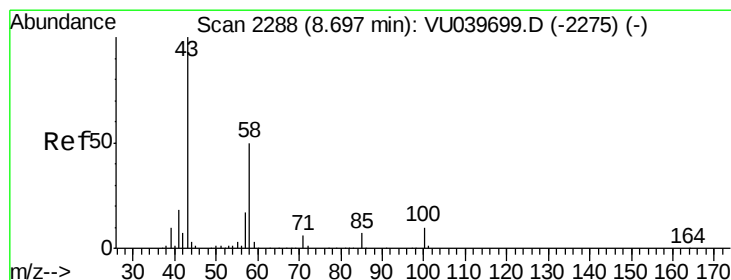
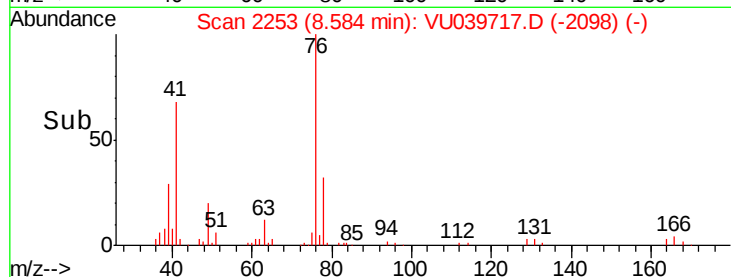
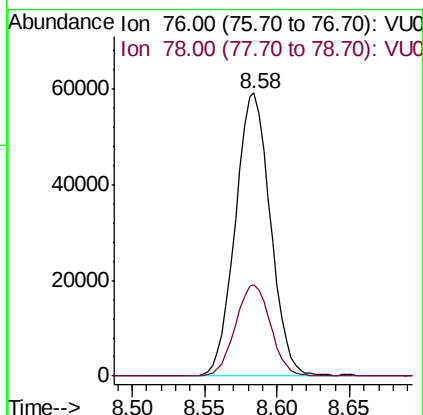
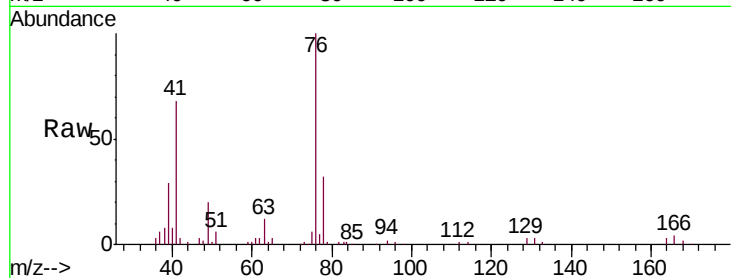




#53
 1,3-Dichloropropane
 Concen: 10.180 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

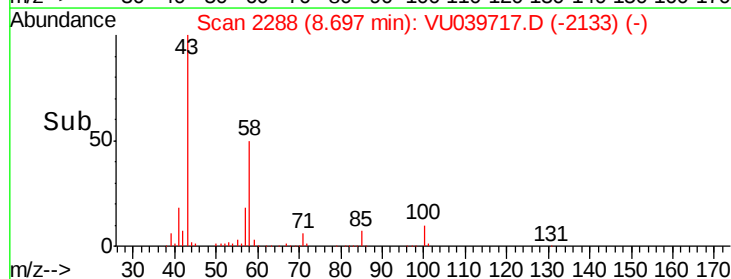
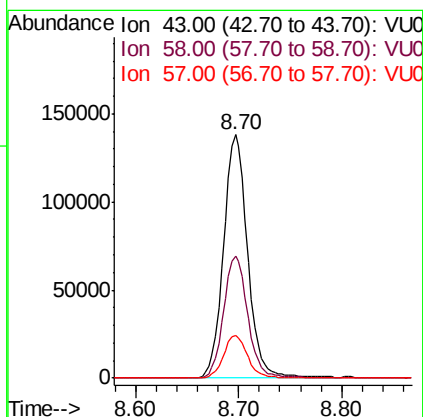
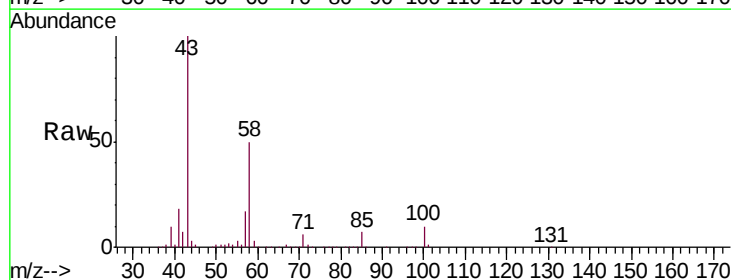
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

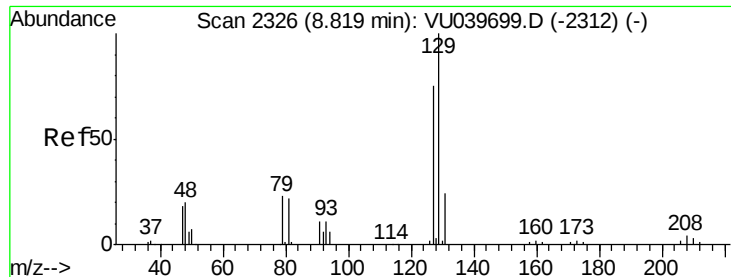
Tgt Ion: 76 Resp: 99651
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.2



#54
 2-Hexanone
 Concen: 53.007 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 43 Resp: 225593
 Ion Ratio Lower Upper
 43 100
 58 50.3 29.9 69.9
 57 17.4 0.0 37.2

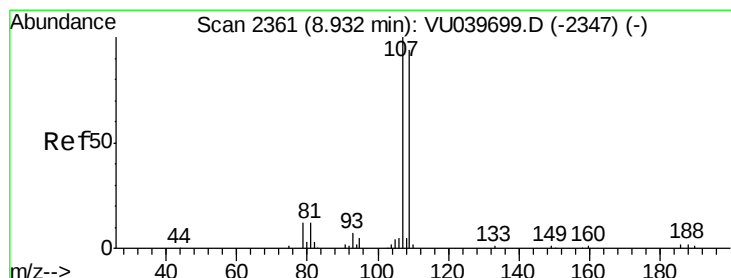
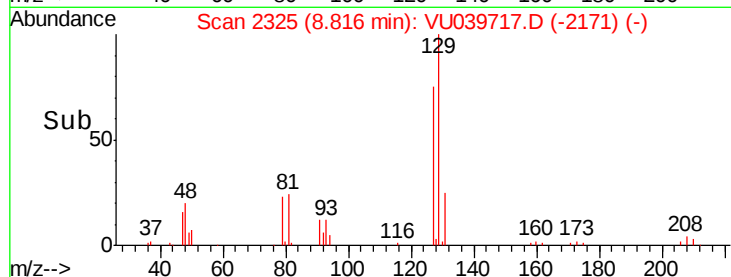
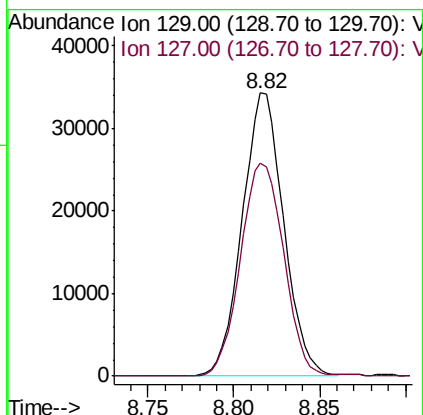
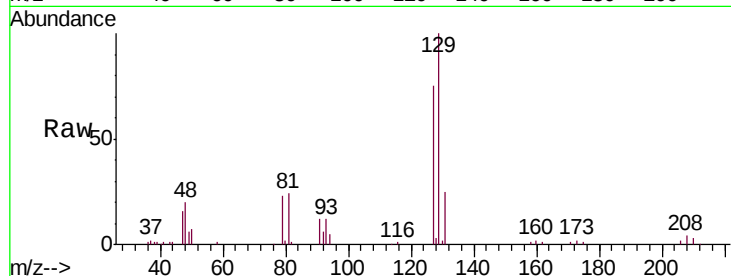




#55
 Dibromochloromethane
 Concen: 10.499 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

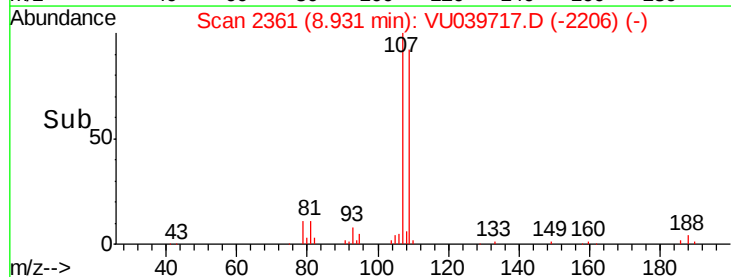
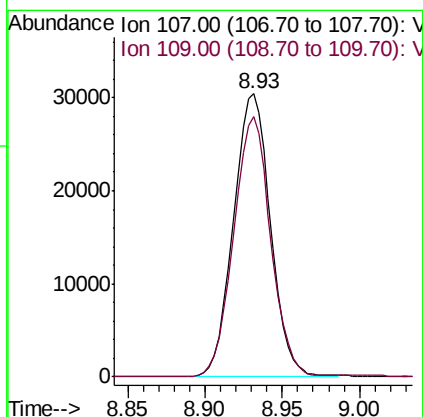
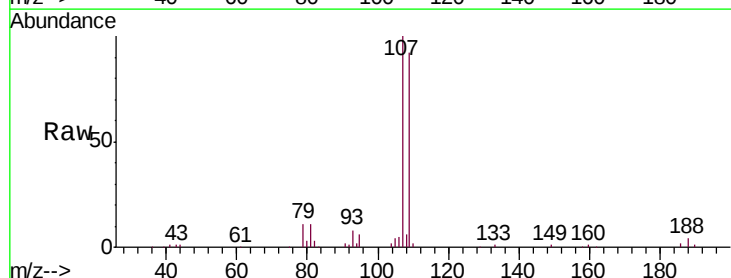
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

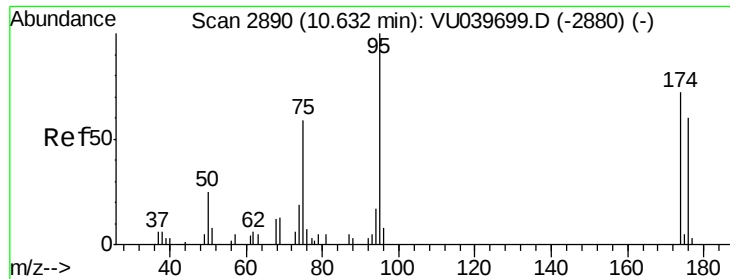
Tgt Ion:129 Resp: 57476
 Ion Ratio Lower Upper
 129 100
 127 78.6 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 10.288 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion:107 Resp: 50540
 Ion Ratio Lower Upper
 107 100
 109 92.0 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 1.185 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

BFB55

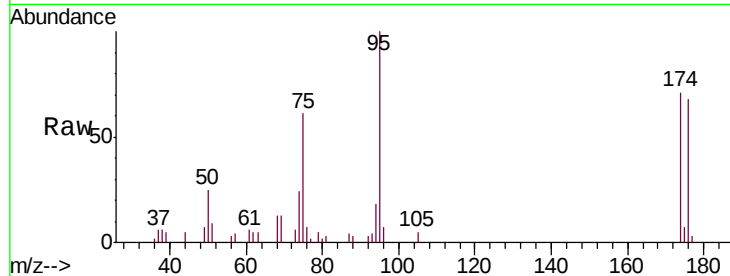
Tgt Ion: 95 Resp: 9791

Ion Ratio Lower Upper

95 100

174 70.1 57.0 85.4

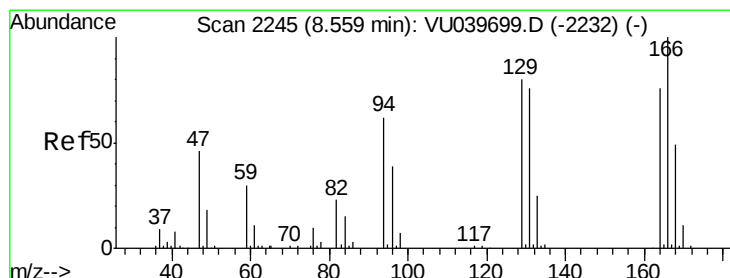
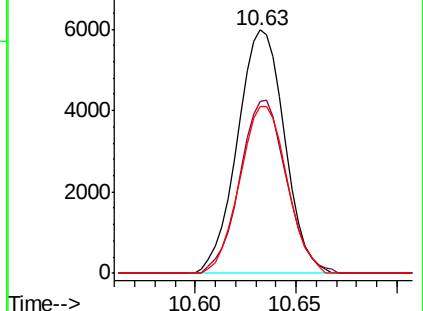
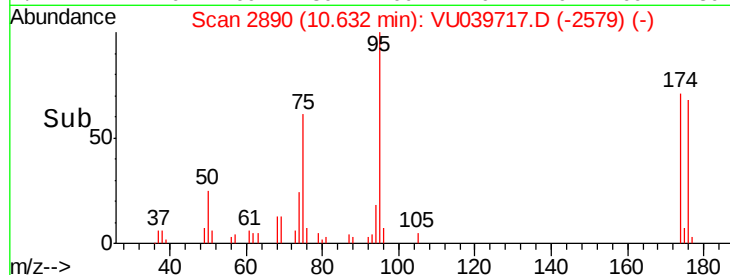
176 68.8 50.2 75.2



Abundance Ion 95.00 (94.70 to 95.70): VU039717.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU039717.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU039717.D (-2579) (-)



#58

Tetrachloroethene

Concen: 10.264 ug/l

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Tgt Ion: 164 Resp: 54388

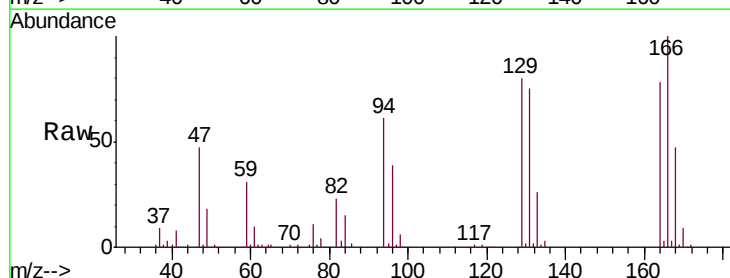
Ion Ratio Lower Upper

164 100

166 128.5 104.8 157.2

129 103.3 84.1 126.1

131 97.0 80.1 120.1

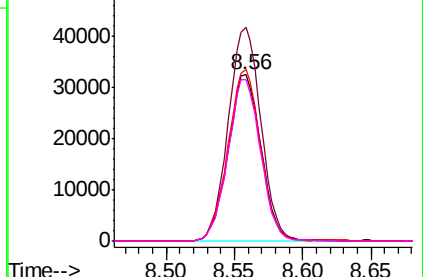
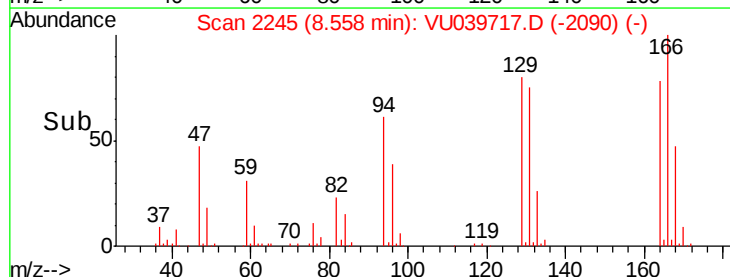


Abundance Ion 163.85 (163.55 to 164.55): VU039717.D (-2090) (-)

Ion 165.80 (165.50 to 166.50): VU039717.D (-2090) (-)

Ion 128.90 (128.60 to 129.60): VU039717.D (-2090) (-)

Ion 130.90 (130.60 to 131.60): VU039717.D (-2090) (-)





#59

Chlorobenzene

Concen: 10.515 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

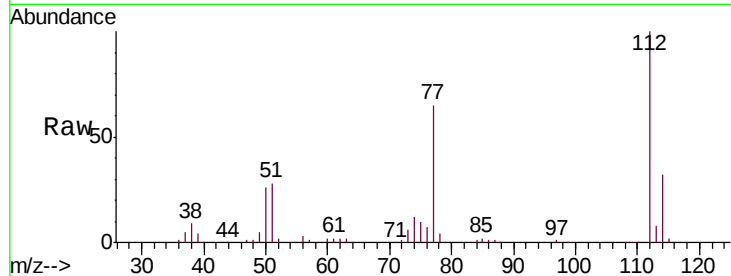
BFB55

Tgt Ion:112 Resp: 171239

Ion Ratio Lower Upper

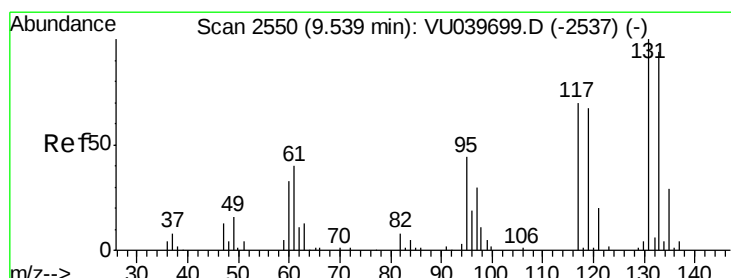
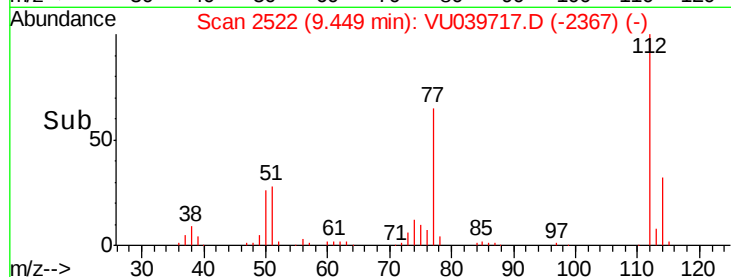
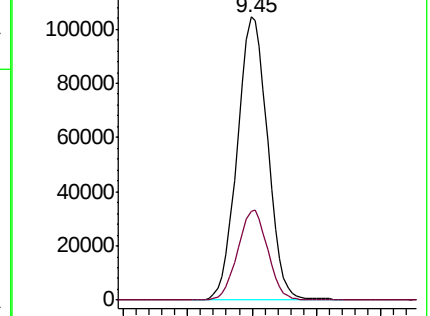
112 100

114 31.6 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 10.479 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

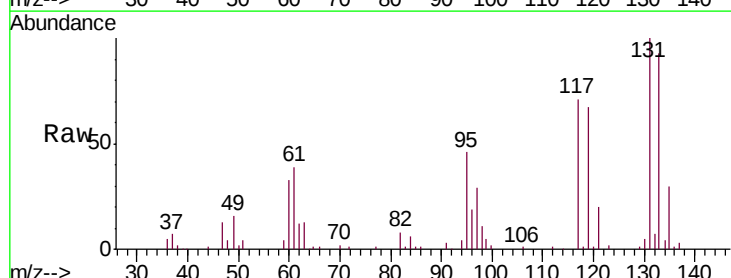
Tgt Ion:131 Resp: 57540

Ion Ratio Lower Upper

131 100

133 93.2 75.8 113.8

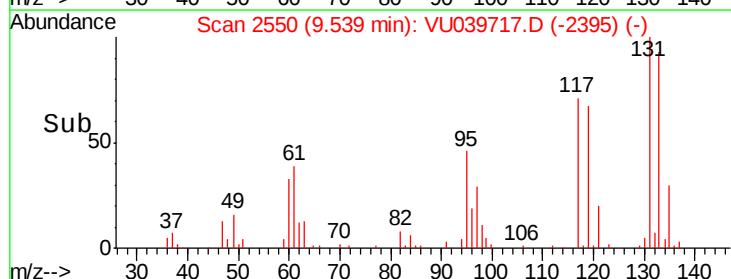
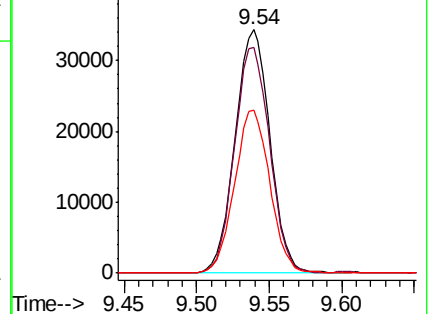
119 67.5 54.6 81.8

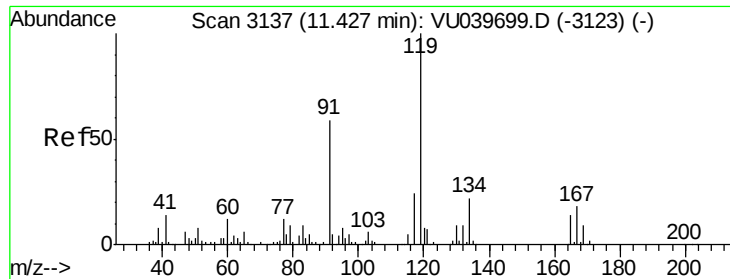


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

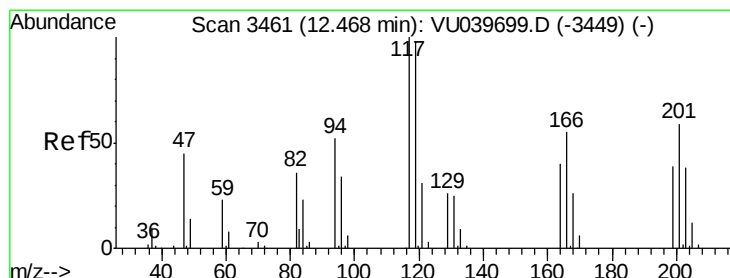
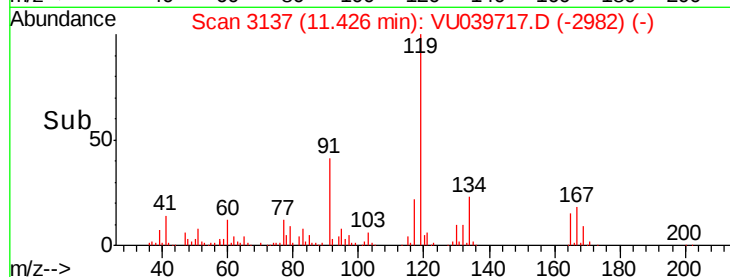
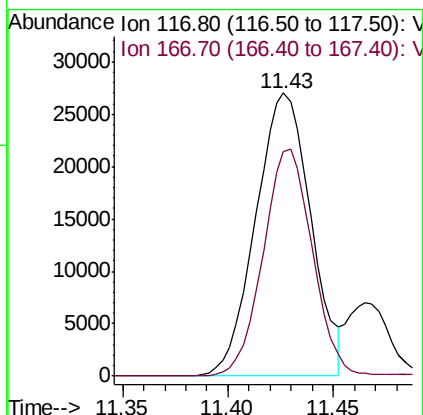
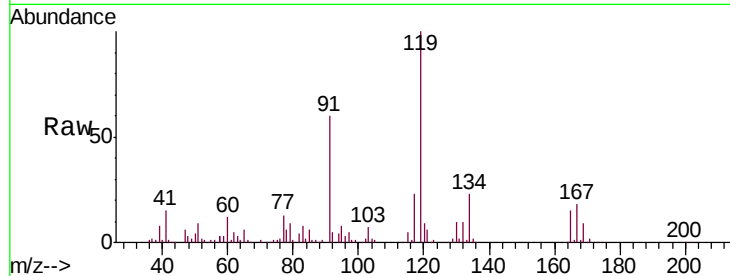




#61
 Pentachloroethane
 Concen: 10.176 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

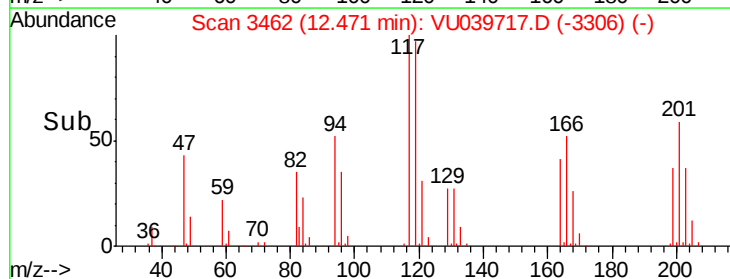
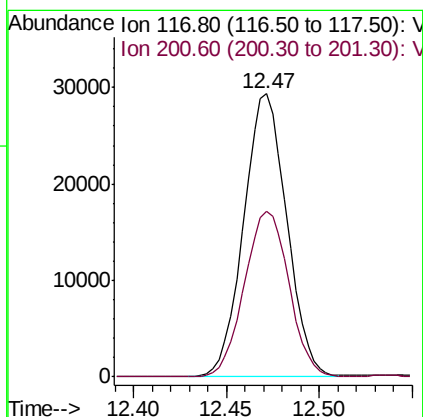
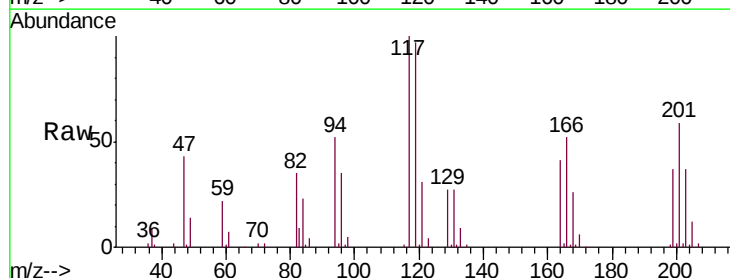
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

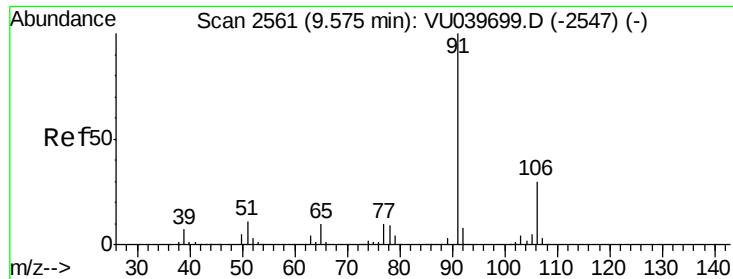
Tgt Ion:117 Resp: 49094
 Ion Ratio Lower Upper
 117 100
 167 71.7 56.6 85.0



#62
 Hexachloroethane
 Concen: 10.708 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion:117 Resp: 47345
 Ion Ratio Lower Upper
 117 100
 201 60.6 48.1 72.1

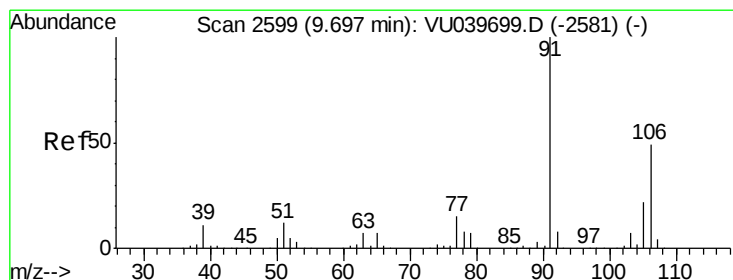
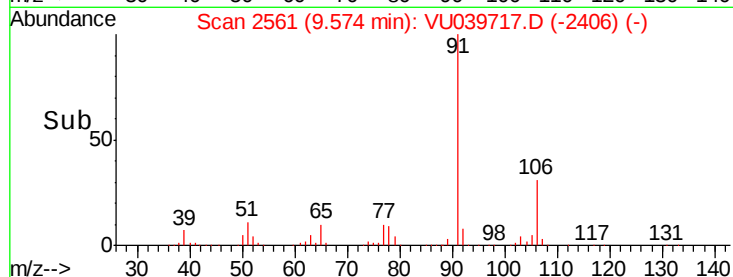
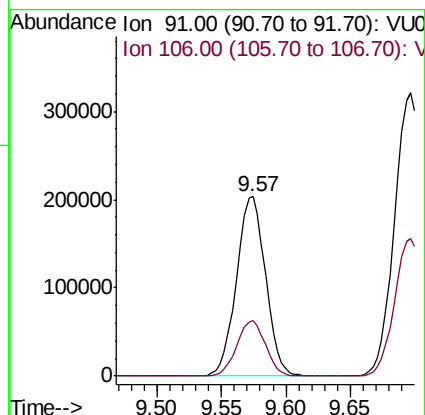
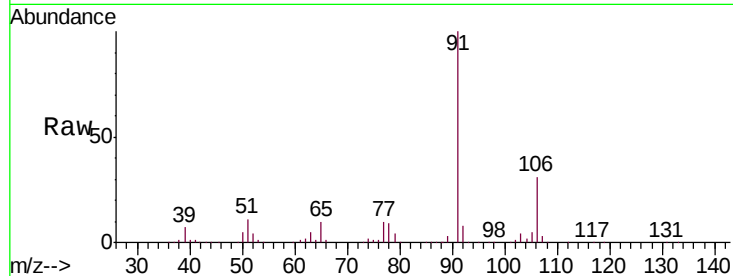




#63
Ethyl Benzene
Concen: 10.968 ug/l
RT: 9.57 min Scan# 2561
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

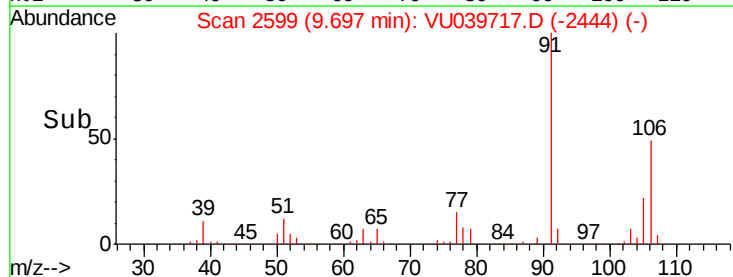
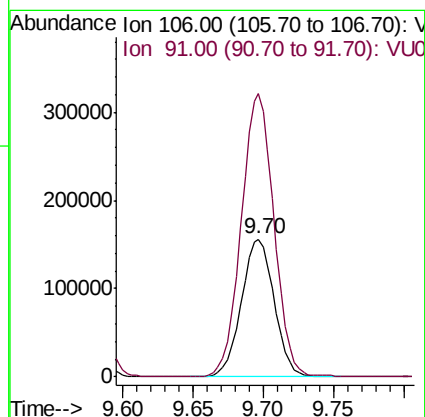
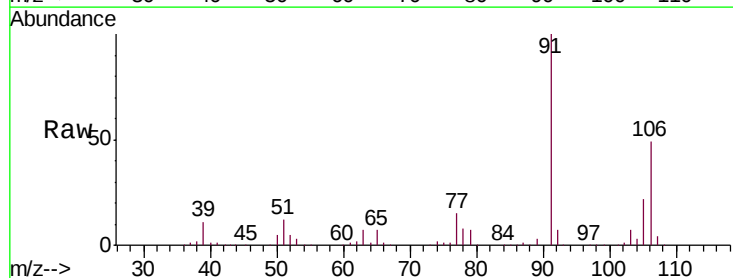
Instrument :
MSVOA_U
ClientSampleId :
BFB55

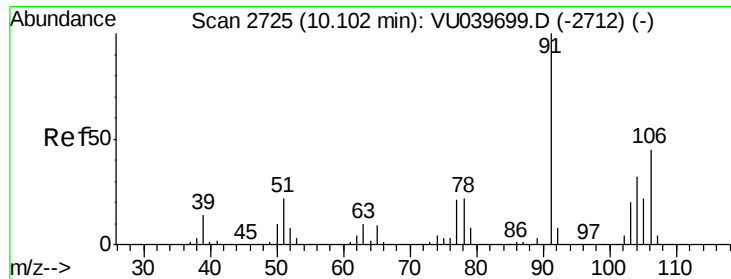
Tgt Ion: 91 Resp: 320091
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#64
m/p-Xylenes
Concen: 22.268 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion: 106 Resp: 253907
Ion Ratio Lower Upper
106 100
91 204.3 163.9 245.9

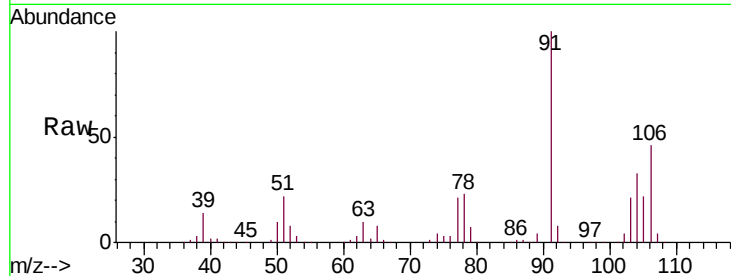




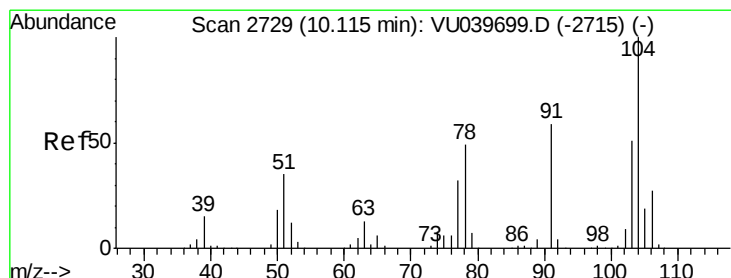
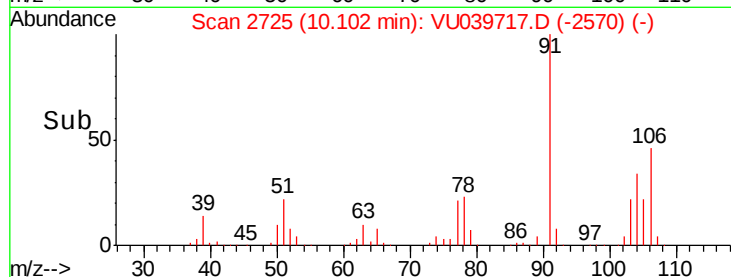
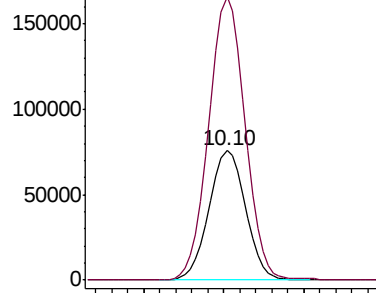
#65
o-Xylene
Concen: 10.934 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Instrument :
MSVOA_U
ClientSampled :
BFB55

Tgt Ion:106 Resp: 118373
Ion Ratio Lower Upper
106 100
91 216.4 110.3 331.0

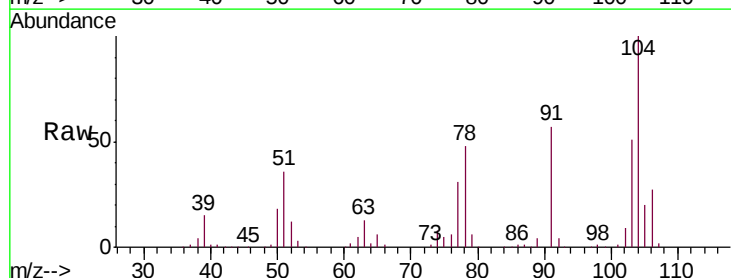


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

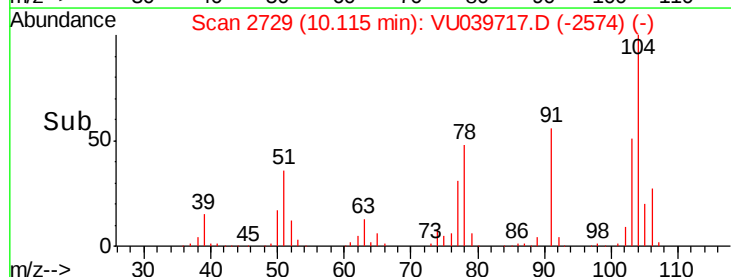
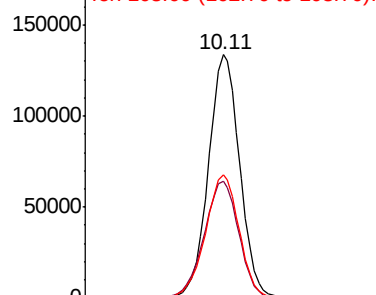


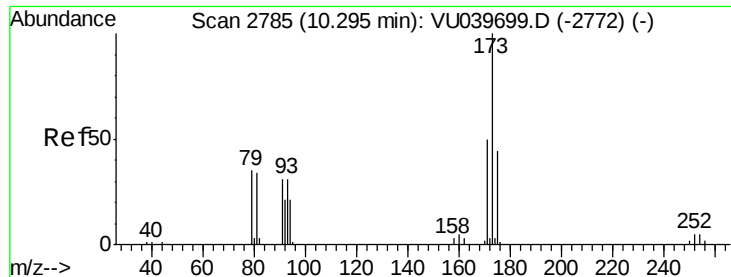
#66
Styrene
Concen: 11.247 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion:104 Resp: 208661
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.4
103 54.4 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

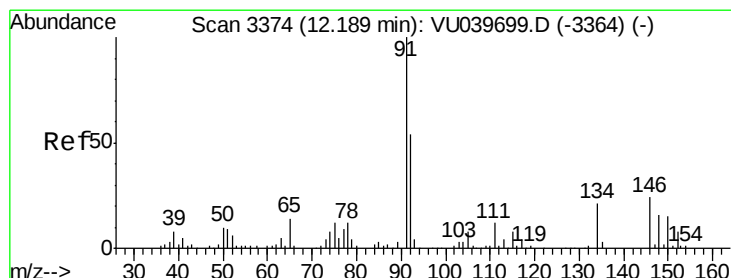
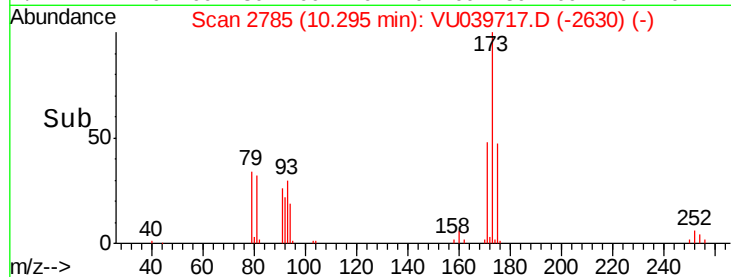
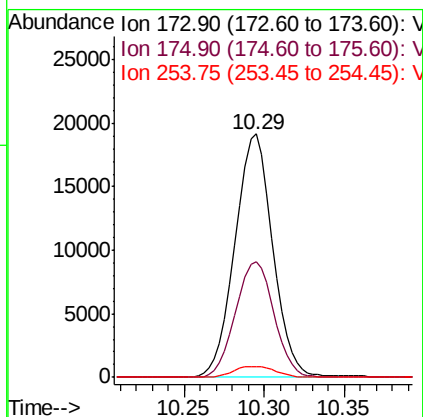
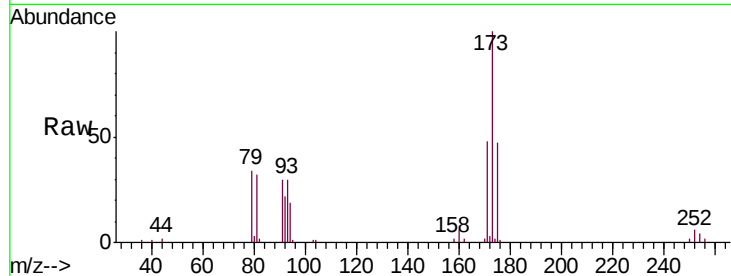




#67
Bromoform
Concen: 11.024 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

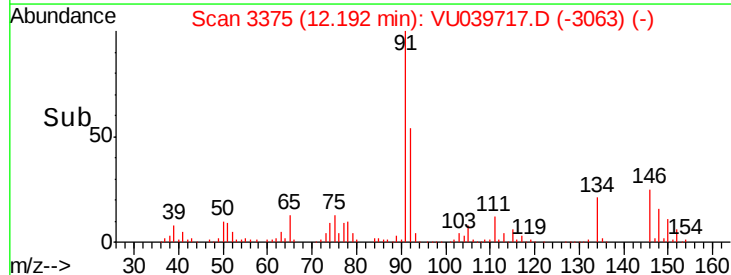
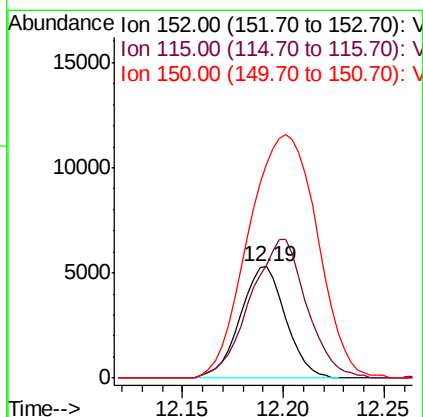
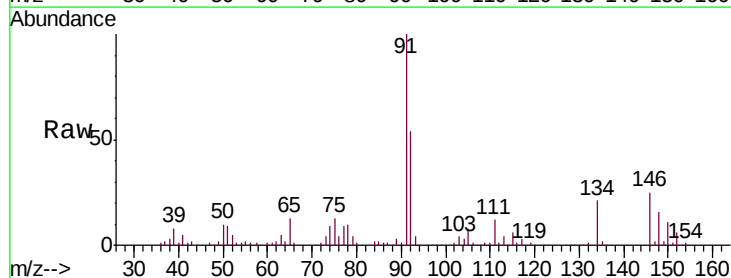
Instrument :
MSVOA_U
ClientSampleId :
BFB55

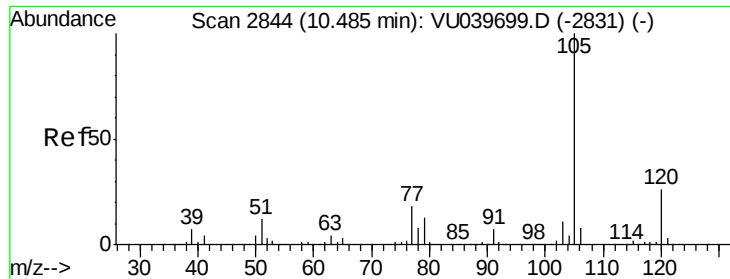
Tgt Ion:173 Resp: 30786
Ion Ratio Lower Upper
173 100
175 48.3 36.7 55.1
254 4.9 3.8 5.8



#68
1,2-Dichlorobenzene-d4
Concen: 1.036 ug/l
RT: 12.19 min Scan# 3375
Delta R.T. 0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion:152 Resp: 8375
Ion Ratio Lower Upper
152 100
115 153.8 0.0 302.4
150 327.3 0.0 645.8





#69

Isopropylbenzene

Concen: 10.916 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampled :

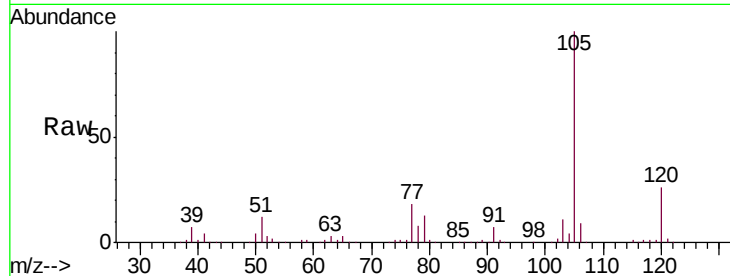
BFB55

Tgt Ion: 105 Resp: 315652

Ion Ratio Lower Upper

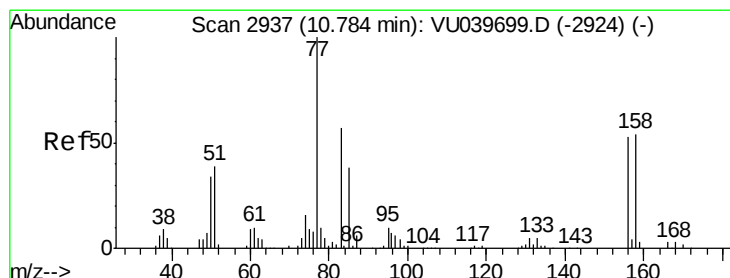
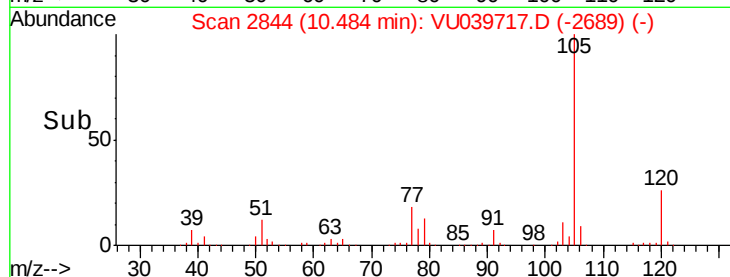
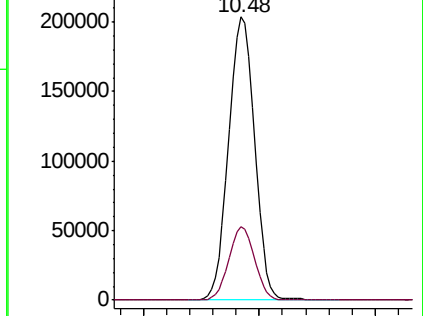
105 100

120 25.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.325 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

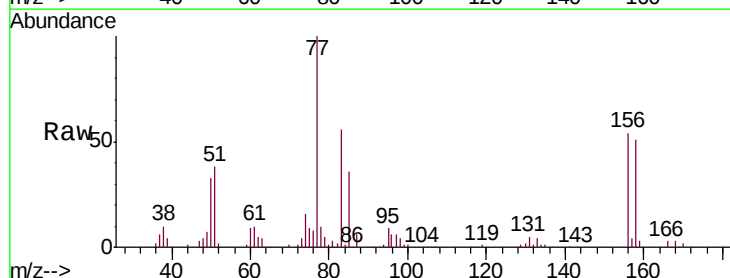
Tgt Ion: 83 Resp: 75774

Ion Ratio Lower Upper

83 100

131 8.8 7.0 10.6

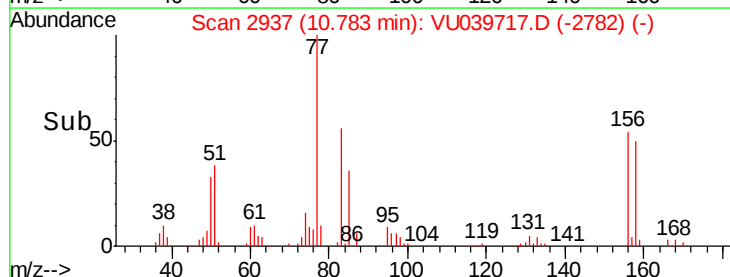
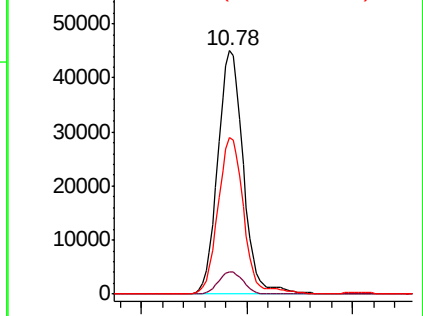
85 64.7 50.6 75.8

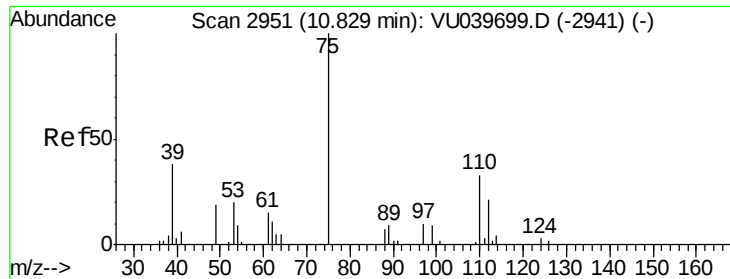


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

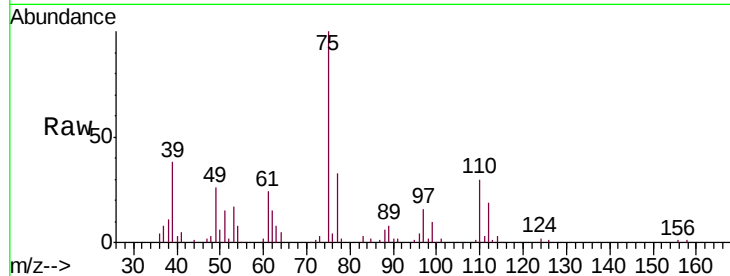




#71
 1,2,3-Trichloropropane
 Concen: 16.999 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

Tgt Ion:	75	Resp:	93987
Ion	Ratio	Lower	Upper
75	100		
77	29.9	0.0	91.0
110	21.2	0.0	64.2
97	11.0	0.0	32.6



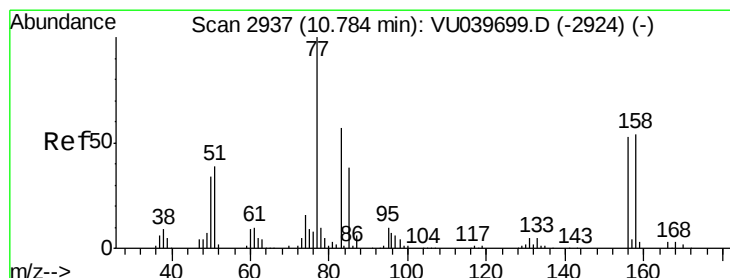
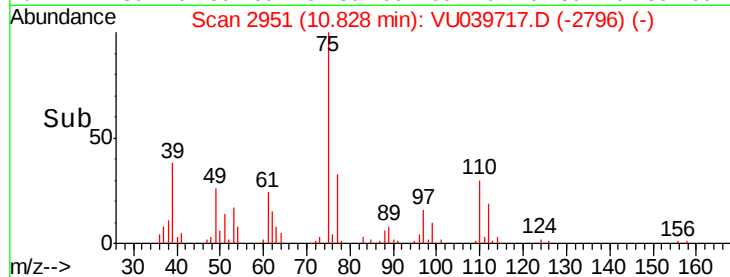
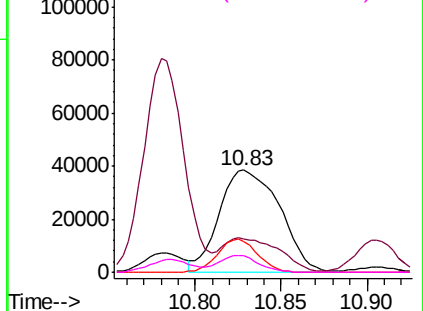
Abundance

Ion 75.00 (74.70 to 75.70): VU039717.D (-2796) (-)

Ion 77.00 (76.70 to 77.70): VU039717.D (-2796) (-)

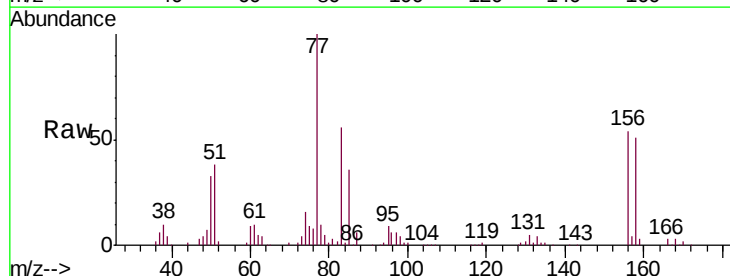
Ion 110.00 (109.70 to 110.70): VU039717.D (-2796) (-)

Ion 97.00 (96.70 to 97.70): VU039717.D (-2796) (-)



#72
 Bromobenzene
 Concen: 10.504 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion:	156	Resp:	68982
Ion	Ratio	Lower	Upper
156	100		
77	190.7	0.0	385.2
158	96.2	0.0	200.8

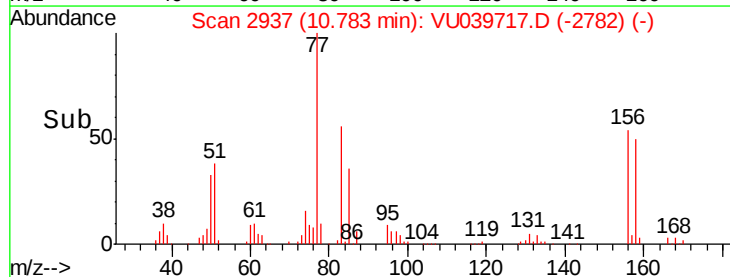
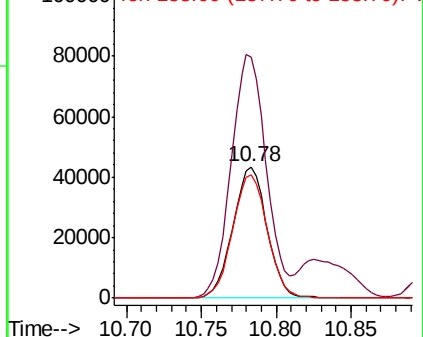


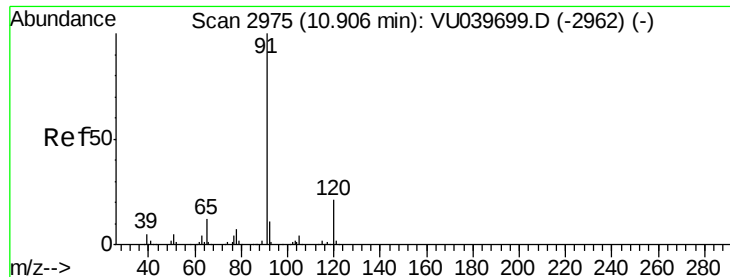
Abundance

Ion 156.00 (155.70 to 156.70): VU039717.D (-2782) (-)

Ion 77.00 (76.70 to 77.70): VU039717.D (-2782) (-)

Ion 158.00 (157.70 to 158.70): VU039717.D (-2782) (-)





#73

n-propylbenzene

Concen: 10.902 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

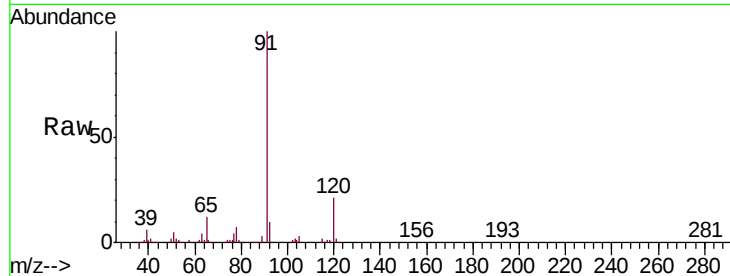
BFB55

Tgt Ion:120 Resp: 88634

Ion Ratio Lower Upper

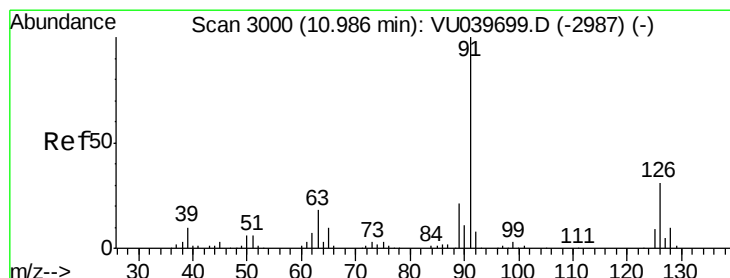
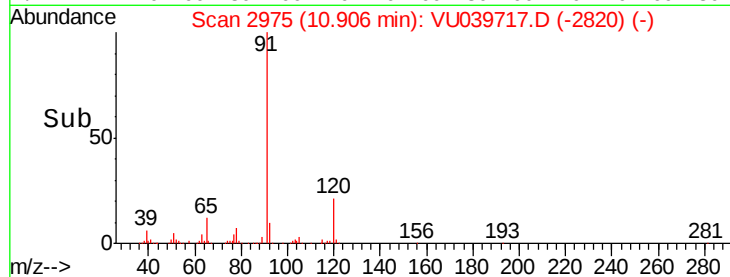
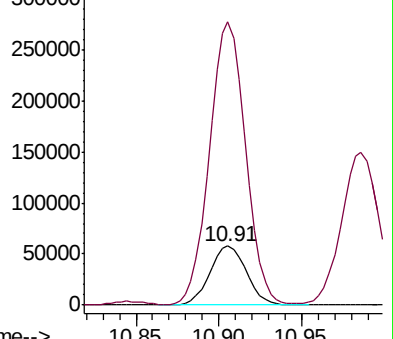
120 100

91 469.6 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.562 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039717.D

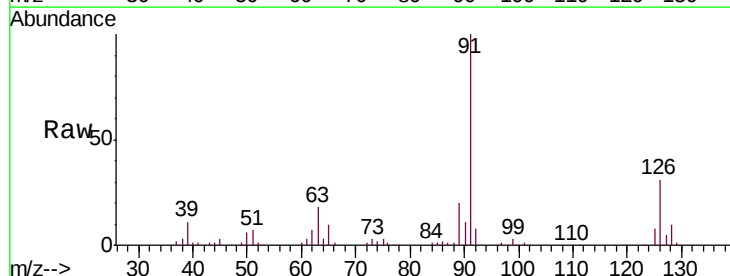
Acq: 30 Jul 2020 11:37

Tgt Ion:126 Resp: 72538

Ion Ratio Lower Upper

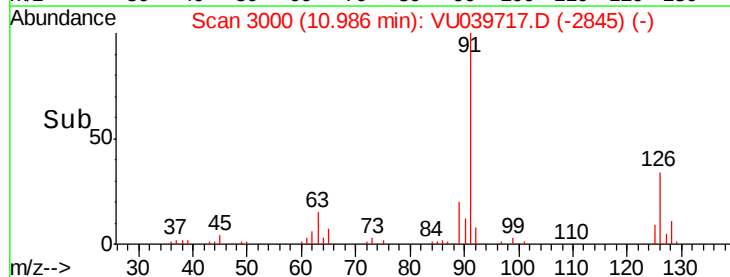
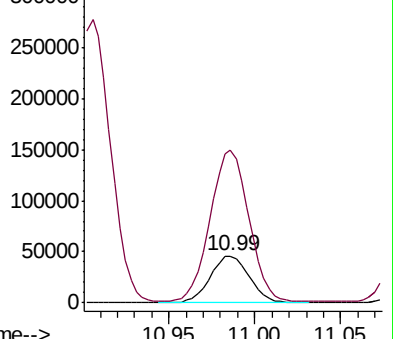
126 100

91 319.8 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

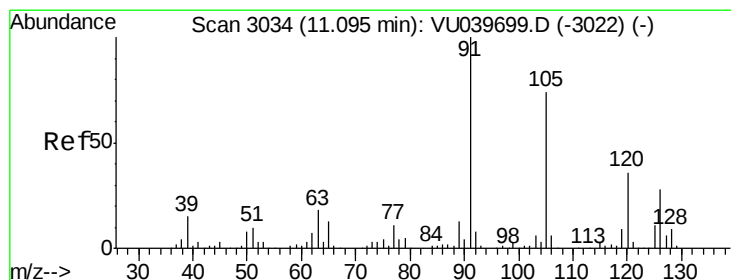
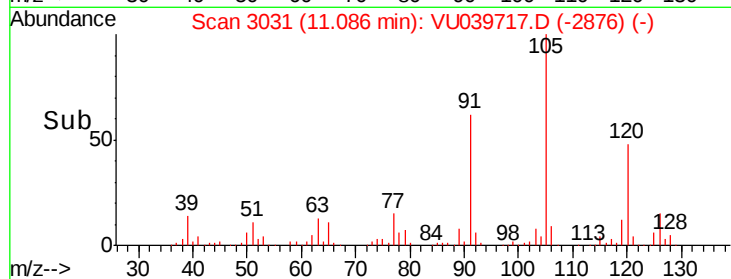
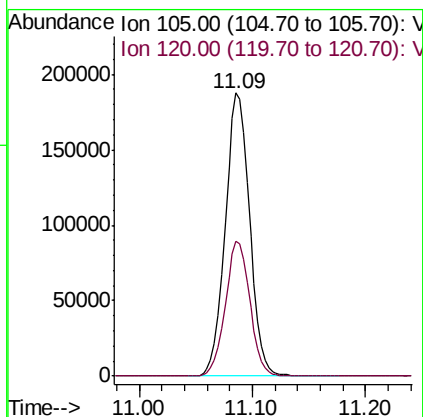
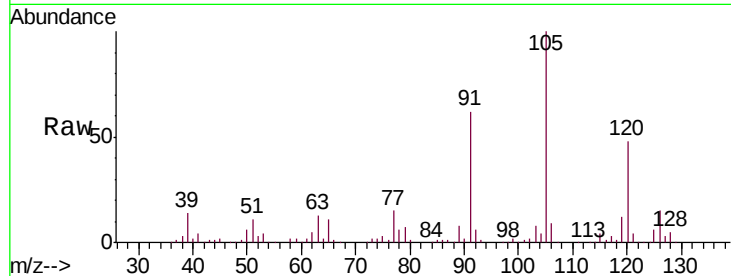




#75
 1,3,5-Trimethylbenzene
 Concen: 11.275 ug/l
 RT: 11.09 min Scan# 3031
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

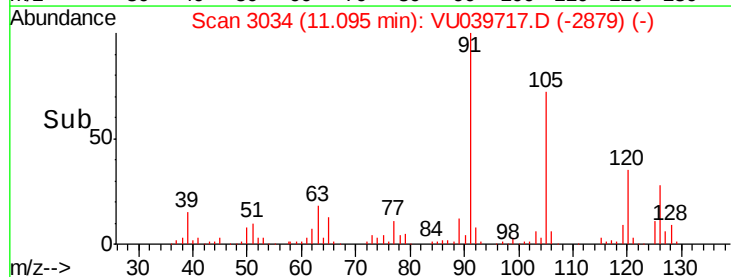
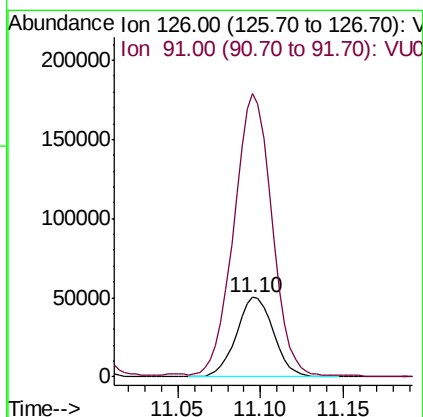
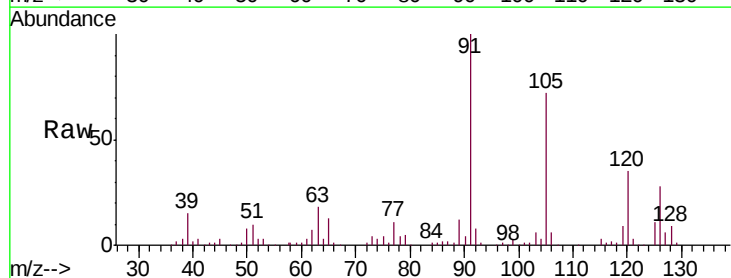
Instrument :
 MSVOA_U
 ClientSampleID :
 BFB55

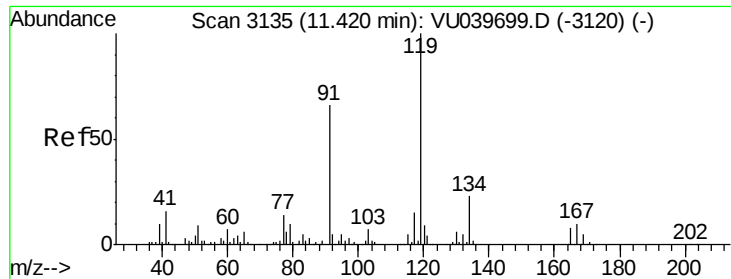
Tgt Ion:105 Resp: 281845
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.0 57.0



#76
 4-Chlorotoluene
 Concen: 10.911 ug/l
 RT: 11.10 min Scan# 3034
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion:126 Resp: 77619
 Ion Ratio Lower Upper
 126 100
 91 368.6 0.0 732.2

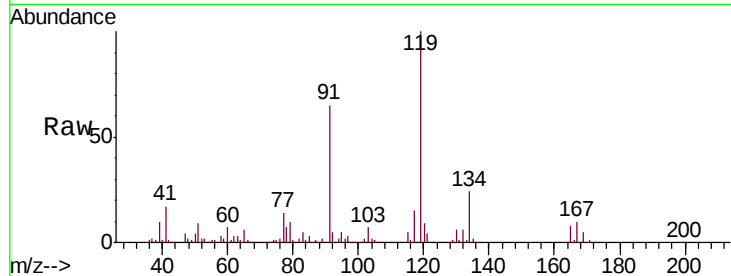




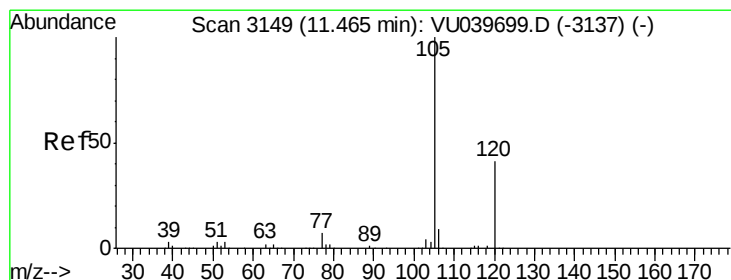
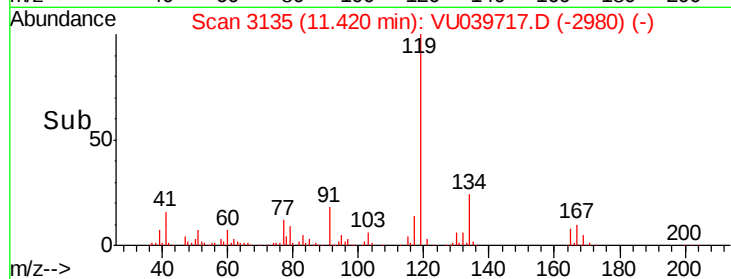
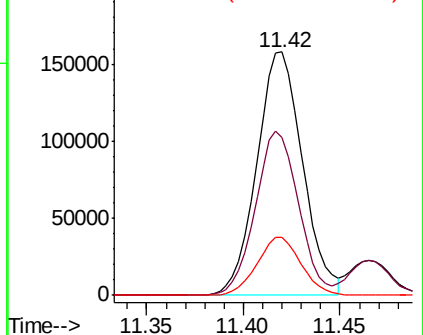
#77
 tert-Butylbenzene
 Concen: 10.832 ug/l
 RT: 11.42 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.5	31.9	95.5
134	23.1	18.2	27.4

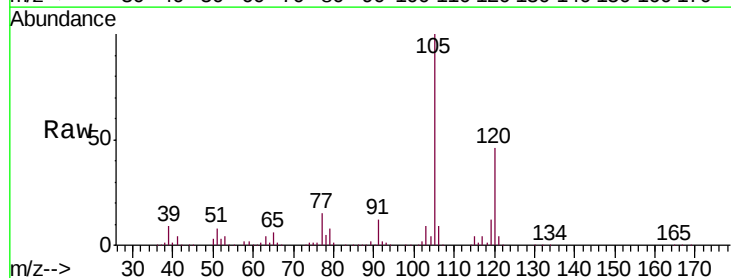


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

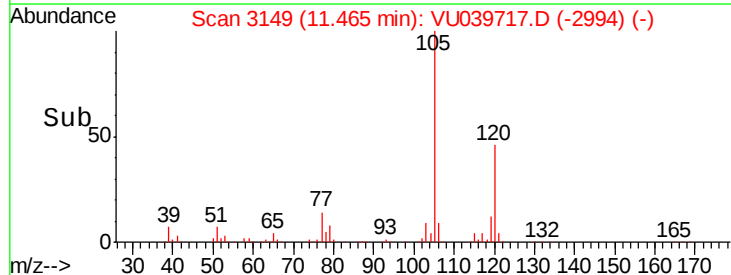
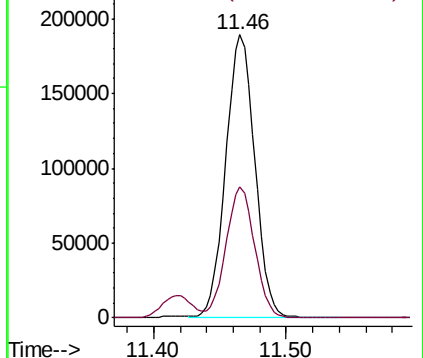


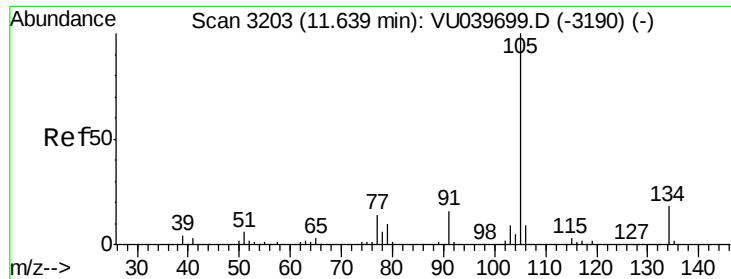
#78
 1,2,4-Trimethylbenzene
 Concen: 11.168 ug/l
 RT: 11.46 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.7	68.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 11.133 ug/l

RT: 11.64 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampled :

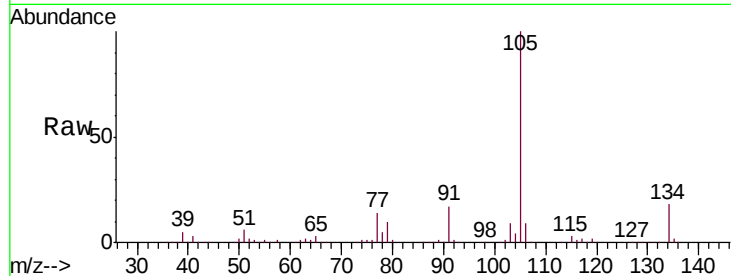
BFB55

Tgt Ion: 105 Resp: 379989

Ion Ratio Lower Upper

105 100

134 18.3 14.8 22.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

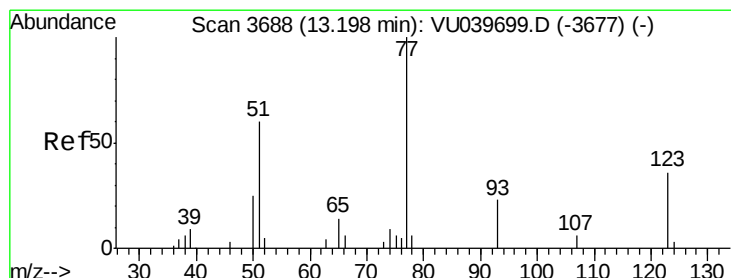
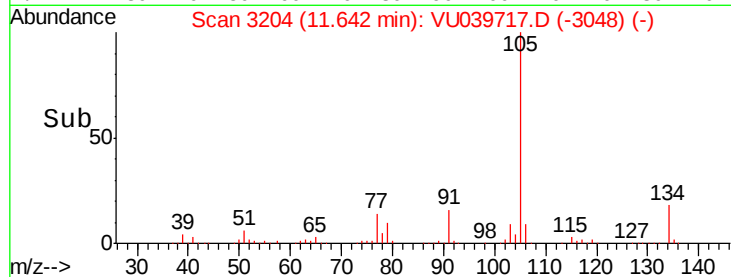
50000

0

11.60

11.70

Time-->



#80

Nitrobenzene

Concen: 52.669 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

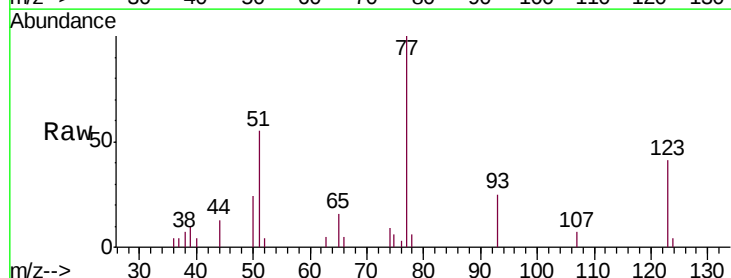
Tgt Ion: 77 Resp: 6541

Ion Ratio Lower Upper

77 100

123 38.1 16.9 59.9

65 16.1 14.4 18.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

4000

3000

2000

1000

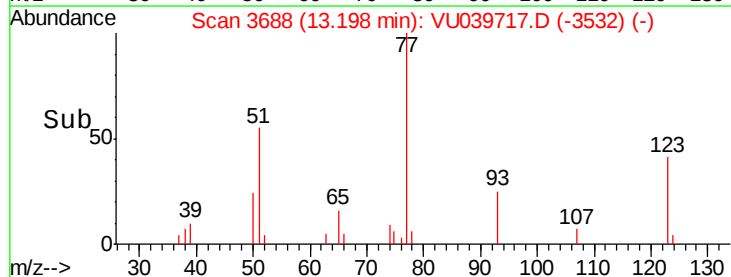
0

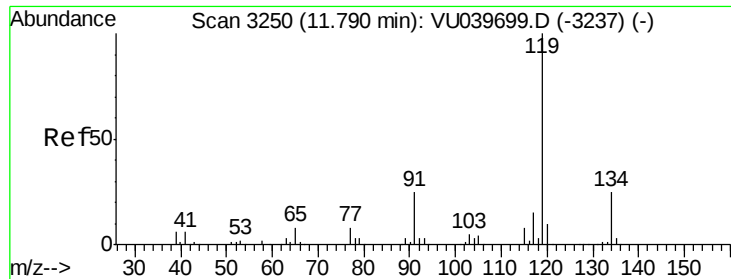
13.15

13.20

13.25

Time-->

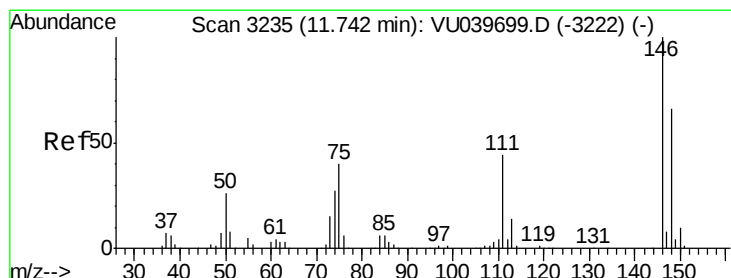
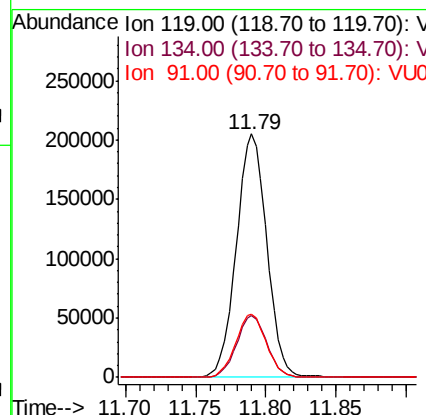
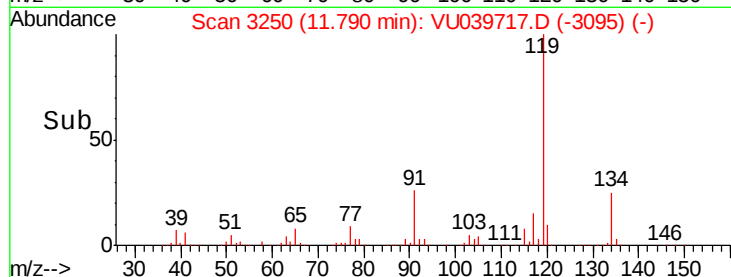
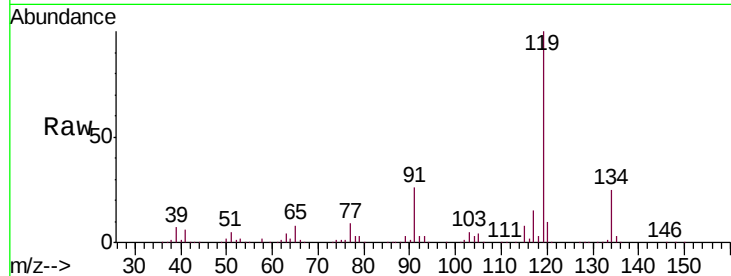




#81
p-Isopropyltoluene
Concen: 11.218 ug/l
RT: 11.79 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

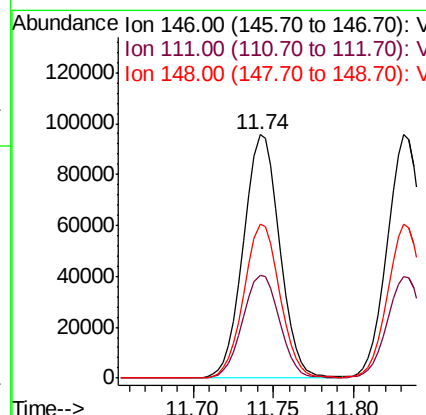
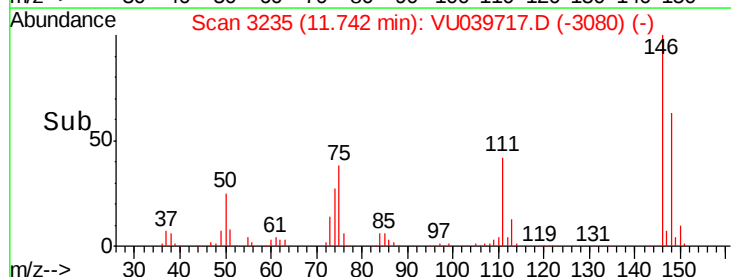
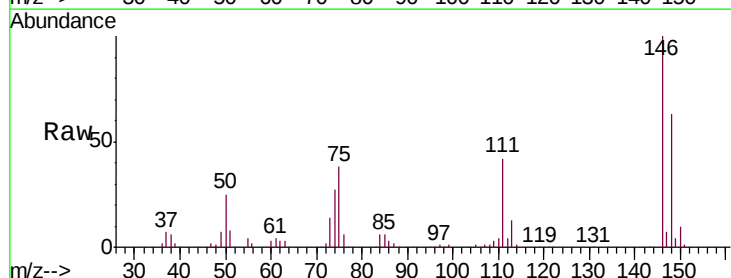
Instrument :
MSVOA_U
ClientSampled :
BFB55

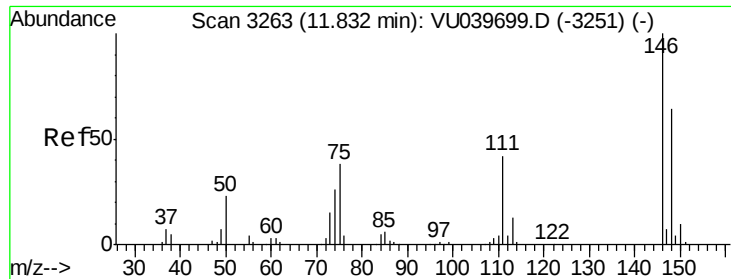
Tgt Ion:119 Resp: 308577
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 25.7 20.7 31.1



#82
1,3-Dichlorobenzene
Concen: 10.463 ug/l
RT: 11.74 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU039717.D
Acq: 30 Jul 2020 11:37

Tgt Ion:146 Resp: 147883
Ion Ratio Lower Upper
146 100
111 43.0 34.5 51.7
148 62.9 51.4 77.0

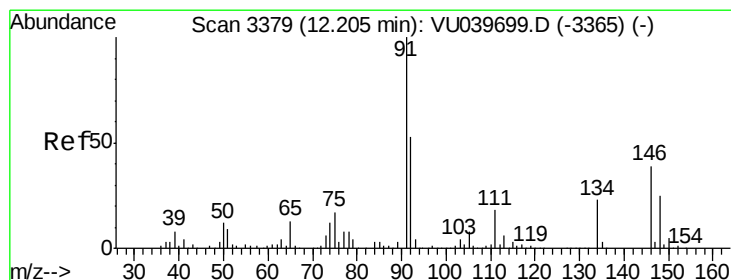
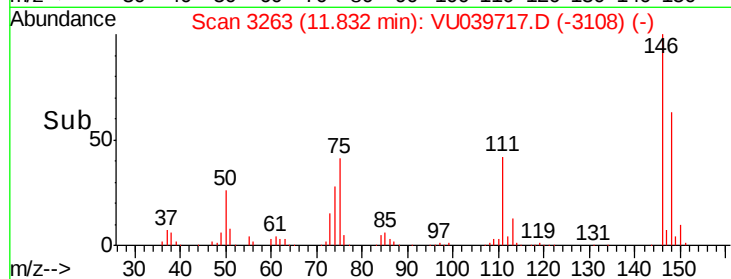
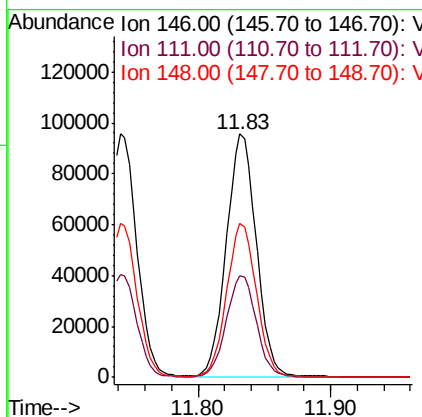
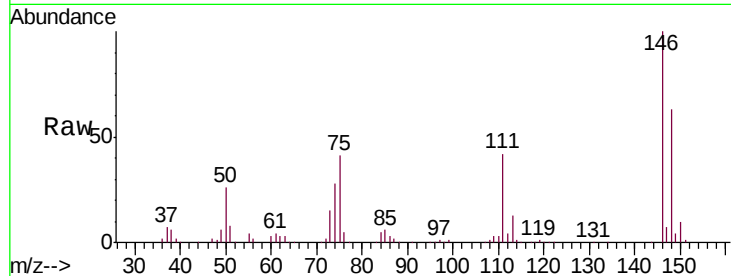




#83
 1,4-Dichlorobenzene
 Concen: 10.520 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

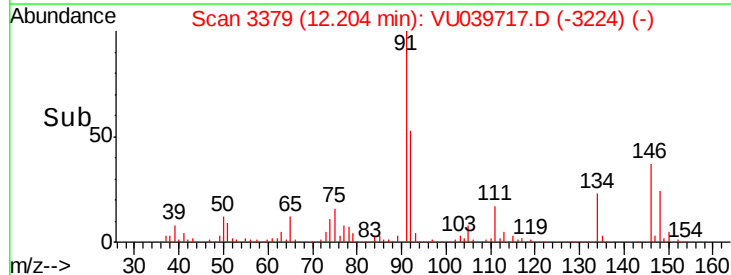
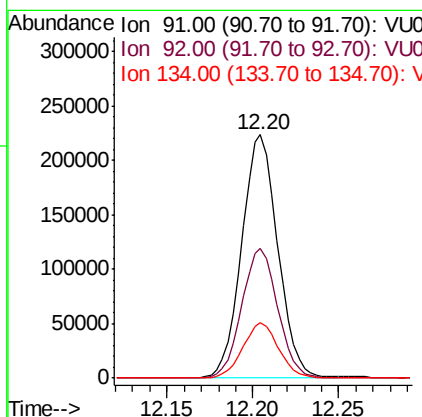
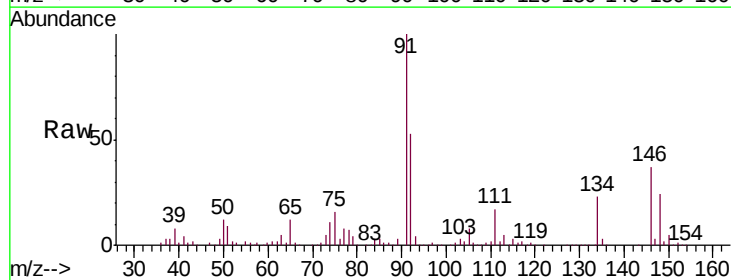
Instrument :
 MSVOA_U
 ClientSampled :
 BFB55

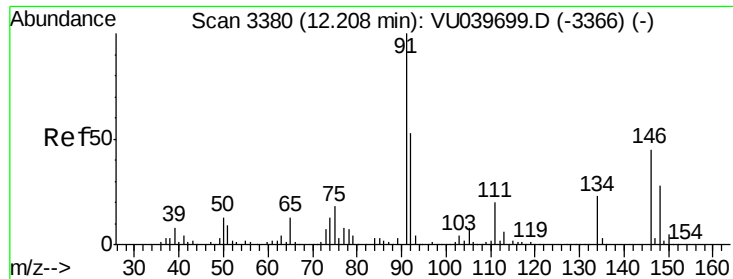
Tgt Ion: 146 Resp: 149556
 Ion Ratio Lower Upper
 146 100
 111 41.6 33.8 50.6
 148 62.8 51.1 76.7



#84
 n-Butylbenzene
 Concen: 11.168 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 91 Resp: 326306
 Ion Ratio Lower Upper
 91 100
 92 53.0 42.6 64.0
 134 22.6 18.2 27.4

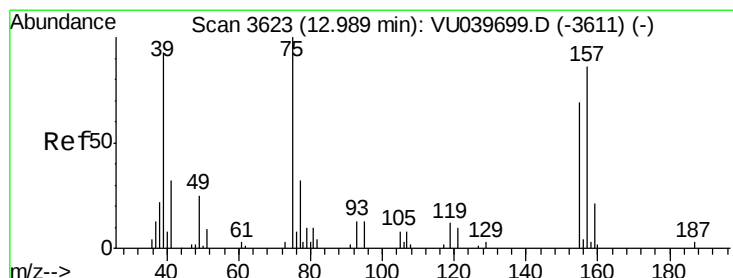
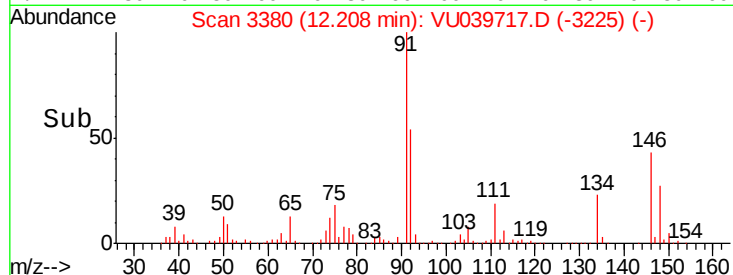
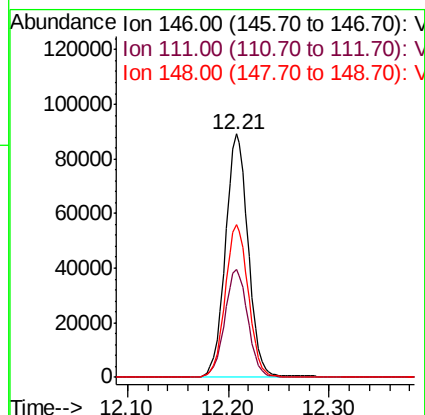
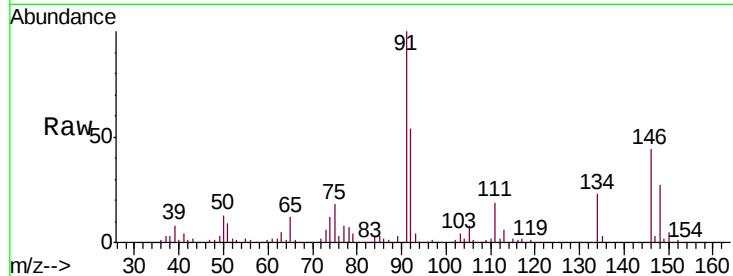




#85
 1,2-Dichlorobenzene
 Concen: 10.371 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

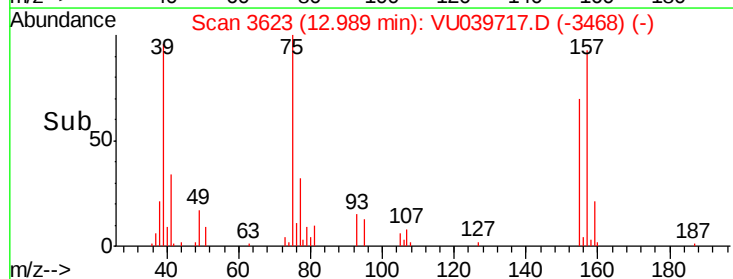
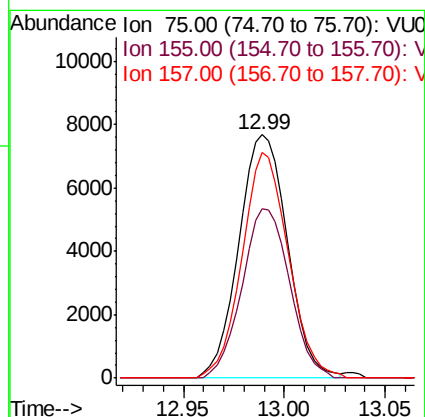
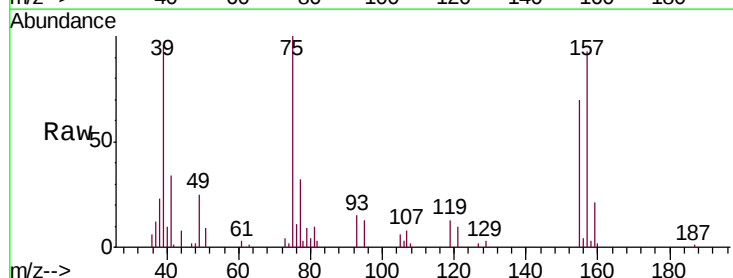
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

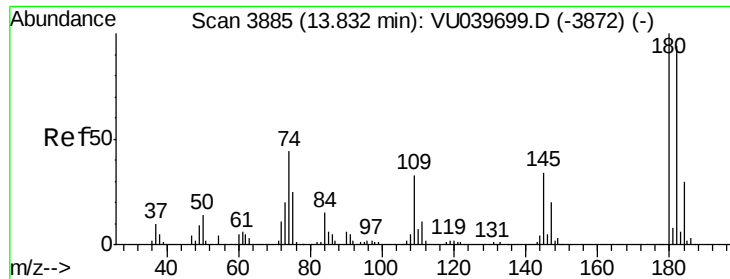
Tgt Ion: 146 Resp: 141285
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.8 68.3
 148 63.5 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.522 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion: 75 Resp: 13008
 Ion Ratio Lower Upper
 75 100
 155 67.9 52.9 79.3
 157 88.3 67.8 101.6

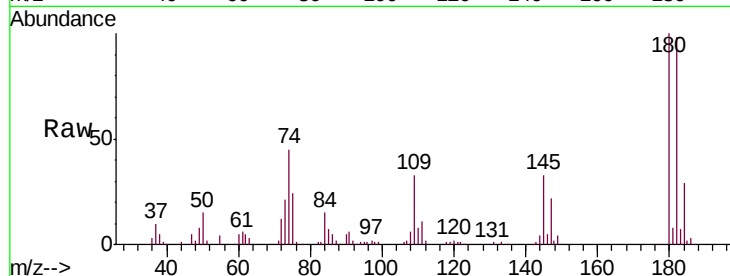




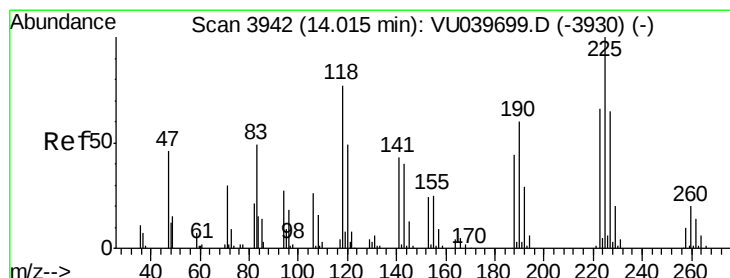
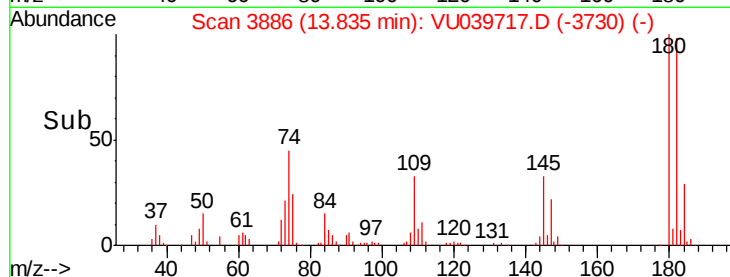
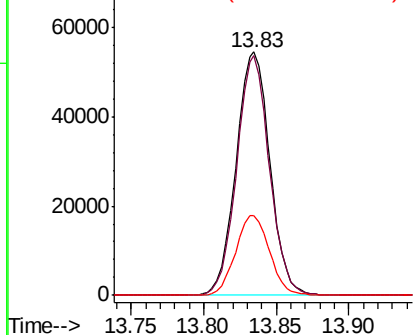
#87
 1,2,4-Trichlorobenzene
 Concen: 10.378 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB55

Tgt Ion:180 Resp: 88428
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.2 114.4
 145 32.8 26.8 40.2

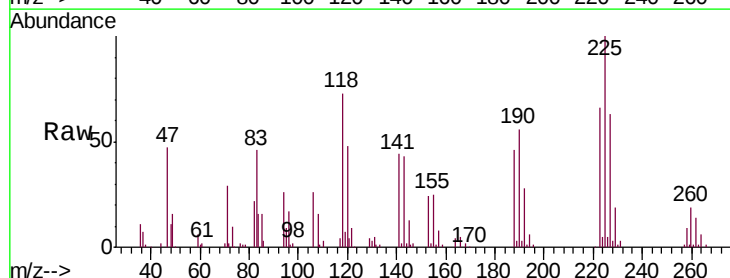


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

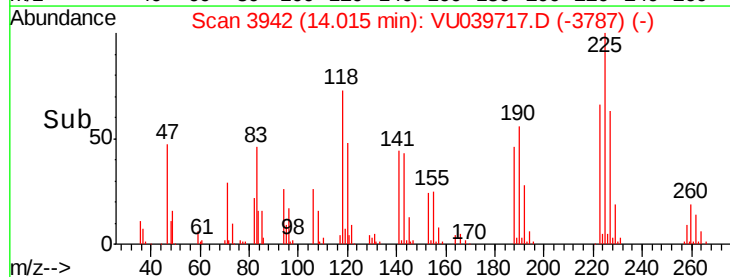
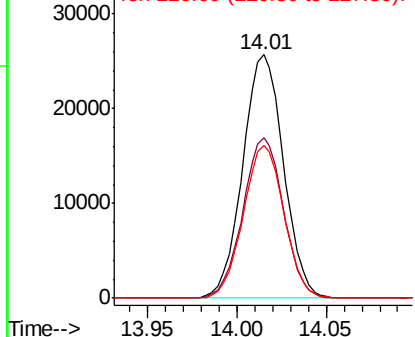


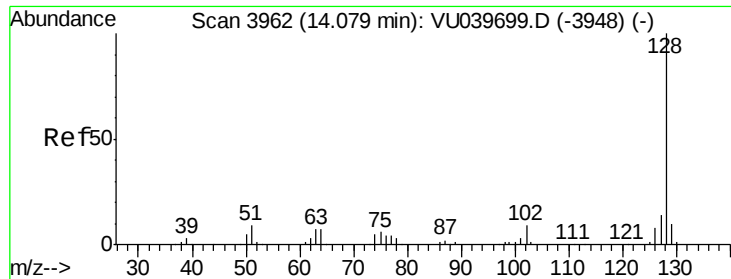
#88
 Hexachlorobutadiene
 Concen: 10.574 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039717.D
 Acq: 30 Jul 2020 11:37

Tgt Ion:225 Resp: 40915
 Ion Ratio Lower Upper
 225 100
 223 65.4 52.4 78.6
 227 62.5 50.7 76.1



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 10.648 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

Instrument :

MSVOA_U

ClientSampleId :

BFB55

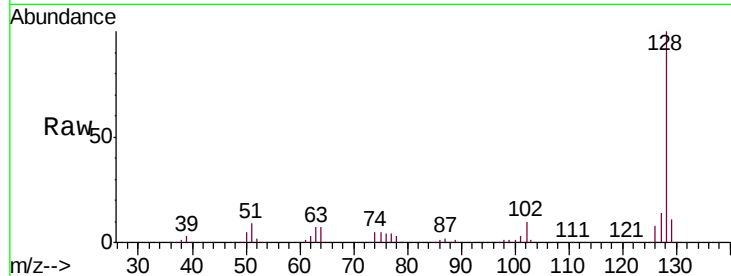
Tgt Ion:128 Resp: 194124

Ion Ratio Lower Upper

128 100

127 14.0 11.0 16.4

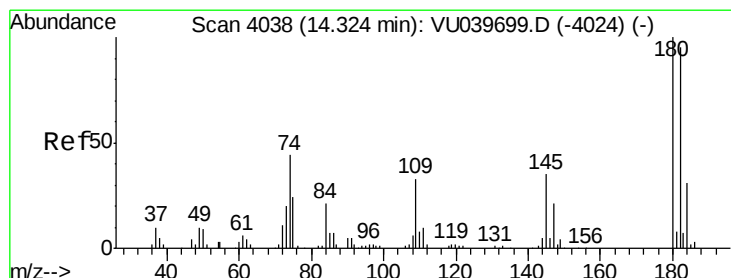
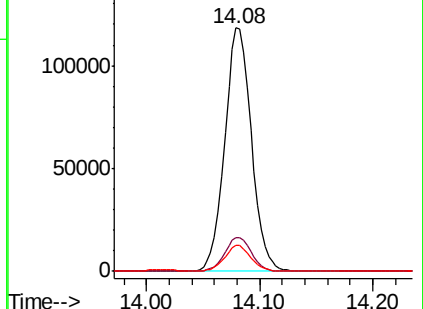
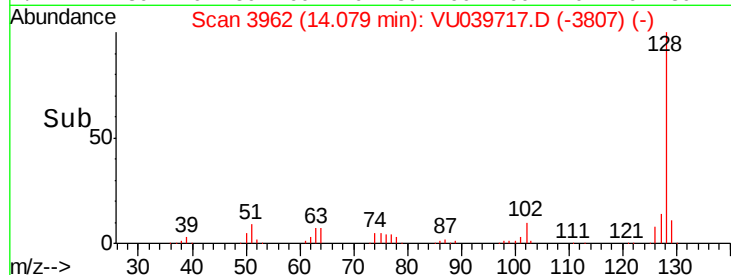
129 10.5 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 10.356 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039717.D

Acq: 30 Jul 2020 11:37

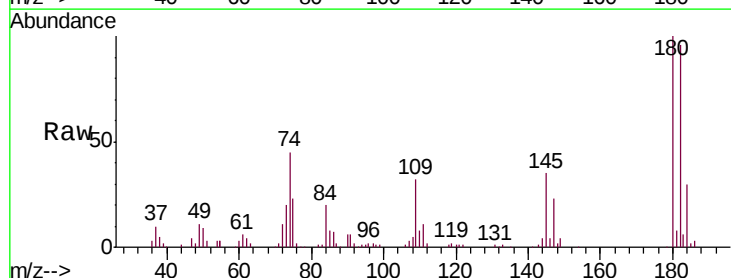
Tgt Ion:180 Resp: 83295

Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 34.5 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

