

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U081220\
 Data File : VU039837.D
 Acq On : 12 Aug 2020 10:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:48:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	22594	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	9709	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8083	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	67638	8.615	ug/l 96
3) Chloromethane	1.53	50	73136	7.499	ug/l 99
4) Vinyl Chloride	1.61	62	77665	8.641	ug/l 98
5) Bromomethane	1.86	94	47270	7.689	ug/l 98
6) Chloroethane	1.94	64	52059	8.347	ug/l 99
7) Trichlorofluoromethane	2.15	101	106833	8.986	ug/l 96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	63070	9.244	ug/l 98
9) 1,1-Dichloroethene	2.59	96	54189	8.632	ug/l 97
10) Iodomethane	2.74	142	37033	5.849	ug/l 97
11) Allyl Chloride	2.94	41	125441	9.263	ug/l 100
12) Acrylonitrile	3.34	53	43029	19.527	ug/l 91
13) Acetone	2.65	43	96757	46.668	ug/l 100
14) Carbon Disulfide	2.80	76	159250	6.917	ug/l 98
15) Methylene Chloride	3.06	84	69629	7.957	ug/l 97
16) trans-1,2-Dichloroethene	3.37	96	62107	8.702	ug/l 96
17) 1,1-Dichloroethane	3.89	63	146081	9.321	ug/l 99
18) 2-Butanone	4.75	43	154065	44.189	ug/l 98
19) Cyclohexane	5.39	56	114840	7.570	ug/l 96
20) Methylcyclohexane	6.77	83	95583	8.503	ug/l 97
21) 2,2-Dichloropropane	4.68	77	119254	9.328	ug/l 99
22) cis-1,2-Dichloroethene	4.68	96	68723	8.933	ug/l 94
23) Diethyl Ether	2.39	59	57005	8.881	ug/l 96
24) tert-Butyl Alcohol	3.23	59	76589	100.265	ug/l 99
25) Methyl tert-Butyl Ether	3.39	73	192984	9.421	ug/l 99
26) Bromochloromethane	4.99	128	27905	8.866	ug/l 98
27) Chloroform	5.11	83	136328	9.294	ug/l 98
28) 1,1,1-Trichloroethane	5.33	97	110543	9.314	ug/l 99
29) 1,1-Dichloropropene	5.54	75	99261	8.685	ug/l 99
30) Carbon Tetrachloride	5.54	117	90998	9.377	ug/l 98
31) Isopropyl Ether	4.02	45	275325	9.632	ug/l 100
32) Ethyl-t-butyl ether	4.53	59	227185	9.339	ug/l 99
33) Tert-Amyl methyl ether	5.97	73	151874	8.660	ug/l 99
34) Propionitrile	4.82	54	38962	45.300	ug/l 98
35) Benzene	5.79	78	273994	9.692	ug/l 99
36) 1,2-Dichloroethane	5.81	62	97083	9.161	ug/l 99
37) Trichloroethene	6.55	130	55740	8.618	ug/l 99
38) 1,2-Dichloropropane	6.81	63	72905	9.357	ug/l 98
39) Methacrylonitrile	5.01	41	37111	8.187	ug/l 98
40) Methyl acrylate	4.87	55	51009	8.727	ug/l 98
41) Tetrahydrofuran	5.09	42	37491	16.440	ug/l 97
42) 1-Chlorobutane	5.47	56	158352	8.828	ug/l 97

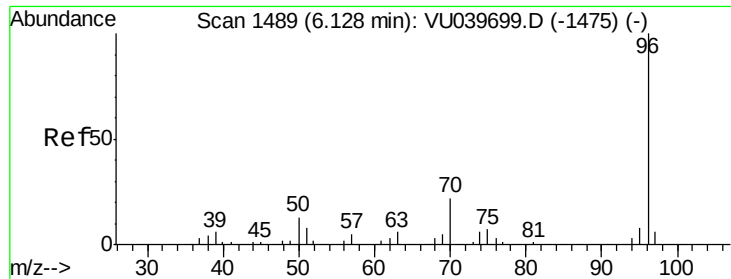
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081220\
 Data File : VU039837.D
 Acq On : 12 Aug 2020 10:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:48:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	37206	8.874	ug/l	97
44) Bromodichloromethane	7.12	83	91841	9.553	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	287700	45.296	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	84528	44.745	ug/l #	51
47) Methyl methacrylate	6.98	69	72006	18.412	ug/l	98
48) Ethyl methacrylate	8.35	69	65860	9.150	ug/l	100
49) Toluene	7.98	92	151897	9.027	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	84513	9.761	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	96650	9.497	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	48168	8.842	ug/l	96
53) 1,3-Dichloropropane	8.58	76	91887	8.785	ug/l	100
54) 2-Hexanone	8.70	43	206414	45.390	ug/l	98
55) Dibromochloromethane	8.82	129	53756	9.189	ug/l	97
56) 1,2-Dibromoethane	8.93	107	45123	8.596	ug/l	100
58) Tetrachloroethene	8.56	164	52411	9.256	ug/l	97
59) Chlorobenzene	9.45	112	158325	9.099	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	55074	9.387	ug/l	99
61) Pentachloroethane	11.43	117	42883	8.319	ug/l	98
62) Hexachloroethane	12.47	117	45441	9.618	ug/l	100
63) Ethyl Benzene	9.57	91	290390	9.312	ug/l	100
64) m/p-Xylenes	9.69	106	228713	18.772	ug/l	100
65) o-Xylene	10.10	106	107783	9.318	ug/l	97
66) Styrene	10.11	104	188232	9.495	ug/l	99
67) Bromoform	10.29	173	28284	9.478	ug/l	98
69) Isopropylbenzene	10.48	105	285860	9.252	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	67372	8.591	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	84528	14.308	ug/l	80
72) Bromobenzene	10.78	156	62010	8.837	ug/l	97
73) n-propylbenzene	10.90	120	81105	9.336	ug/l	97
74) 2-Chlorotoluene	10.98	126	65092	8.870	ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	249254	9.332	ug/l	100
76) 4-Chlorotoluene	11.10	126	71793	9.445	ug/l	97
77) tert-Butylbenzene	11.42	119	231660	9.041	ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	259538	9.474	ug/l	99
79) sec-Butylbenzene	11.64	105	335747	9.206	ug/l	100
80) Nitrobenzene	13.20	77	8969	67.587	ug/l	99
81) p-Isopropyltoluene	11.79	119	273715	9.312	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	127862	8.466	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	131978	8.688	ug/l	99
84) n-Butylbenzene	12.20	91	286747	9.185	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	124806	8.574	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	12473	9.442	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	79436	8.725	ug/l	100
88) Hexachlorobutadiene	14.01	225	36475	8.822	ug/l	99
89) Naphthalene	14.08	128	170508	8.753	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	76267	8.874	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 22594

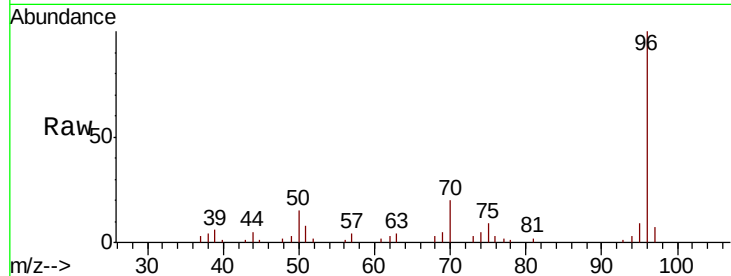
Ion Ratio Lower Upper

96 100

70 20.8 16.3 24.5

95 9.2 6.8 10.2

97 0.0 0.0 0.0

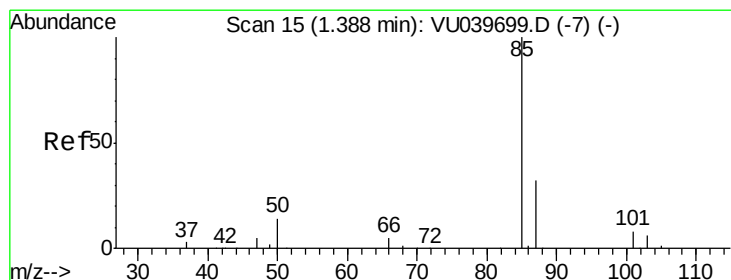
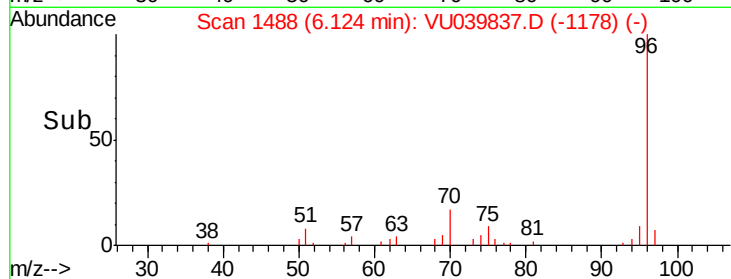
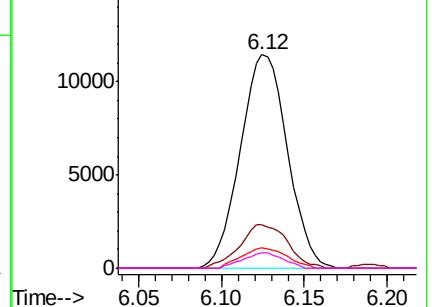


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 8.615 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039837.D

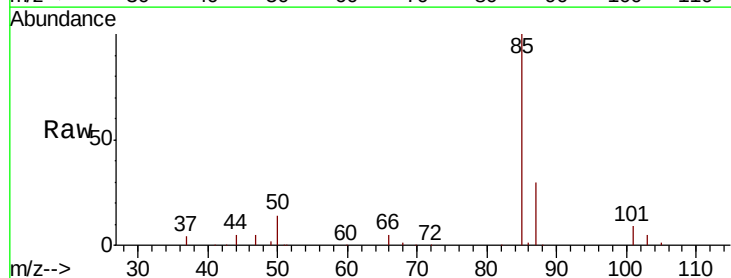
Acq: 12 Aug 2020 10:22

Tgt Ion: 85 Resp: 67638

Ion Ratio Lower Upper

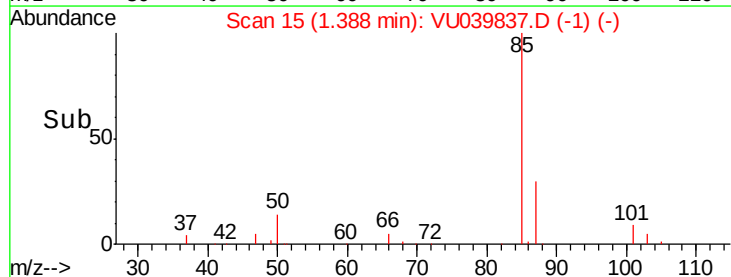
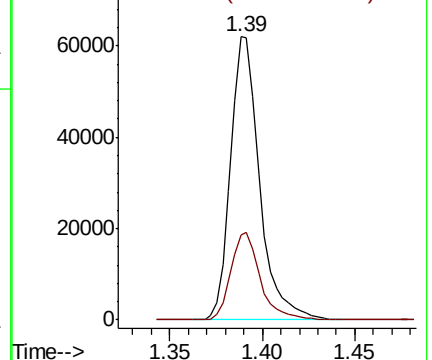
85 100

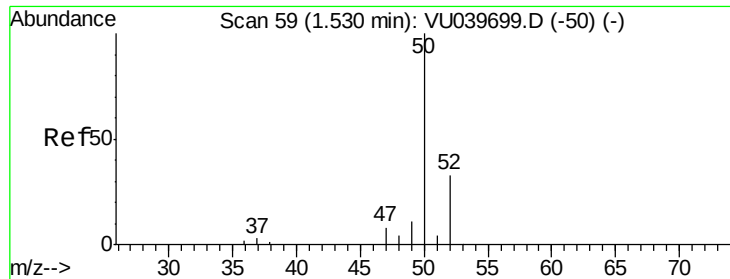
87 30.2 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

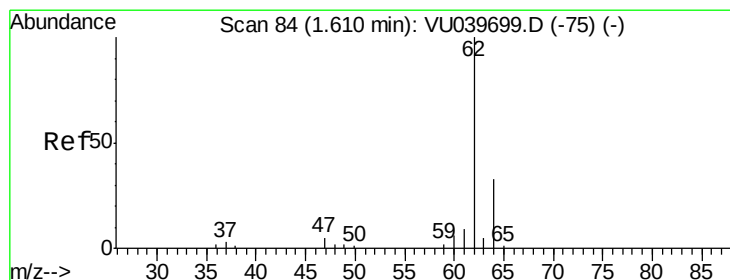
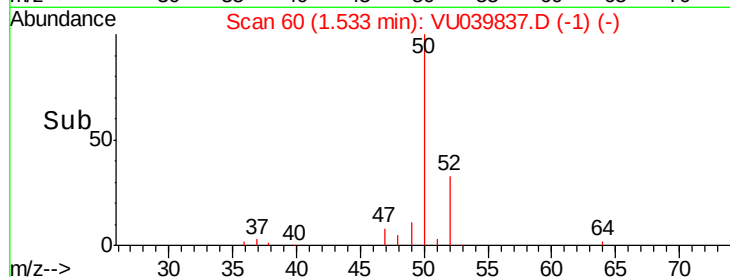
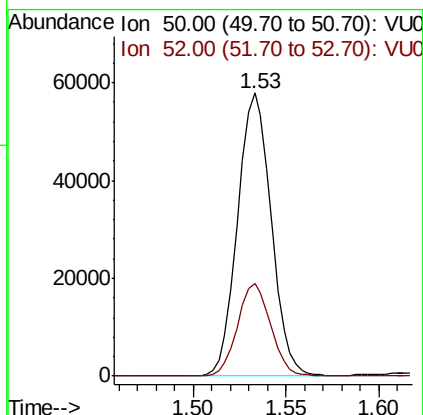
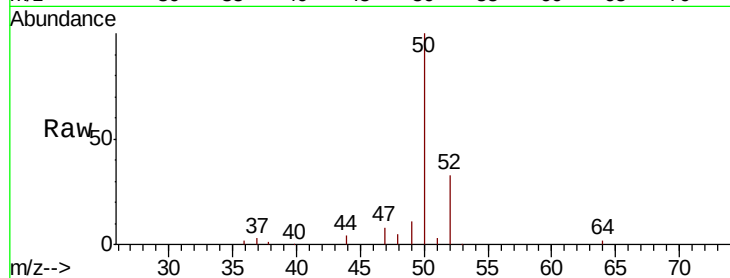




#3
Chloromethane
Concen: 7.499 ug/l
RT: 1.53 min Scan# 60
Delta R.T. 0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

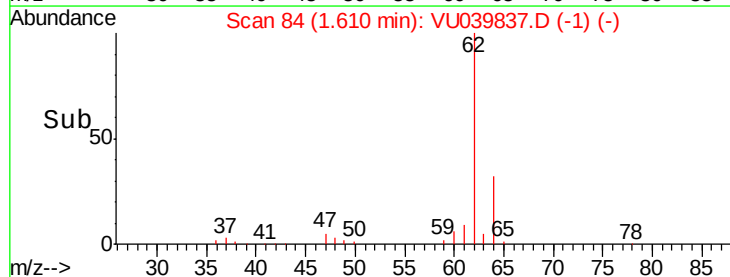
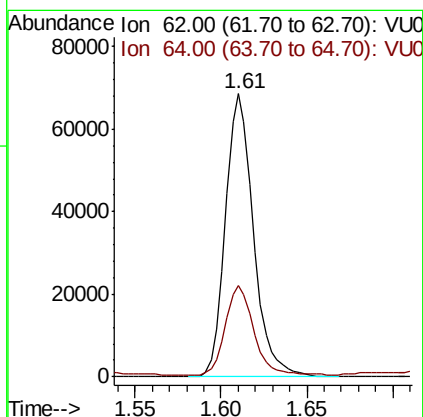
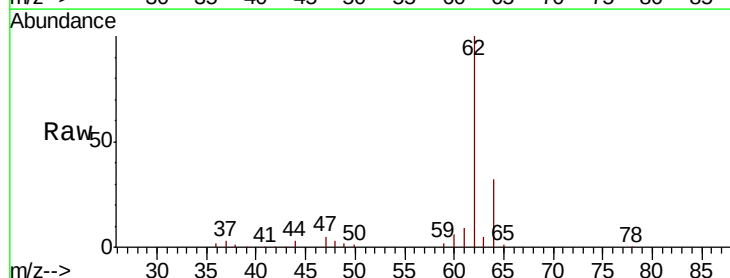
Instrument :
MSVOA_U
ClientSampleId :

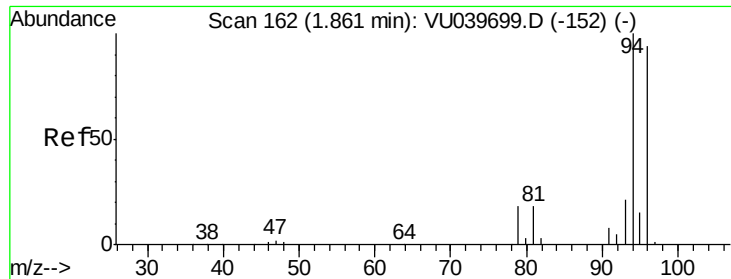
Tot Ion: 50 Resp: 73136
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 8.641 ug/l
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 62 Resp: 77665
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0

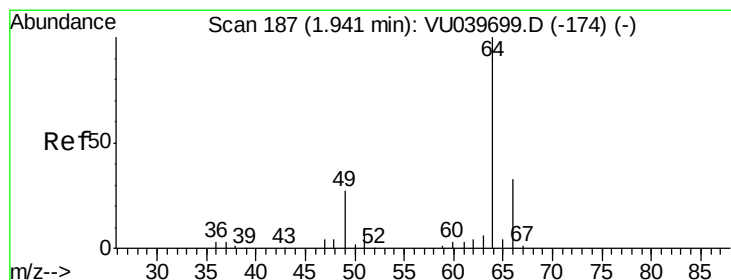
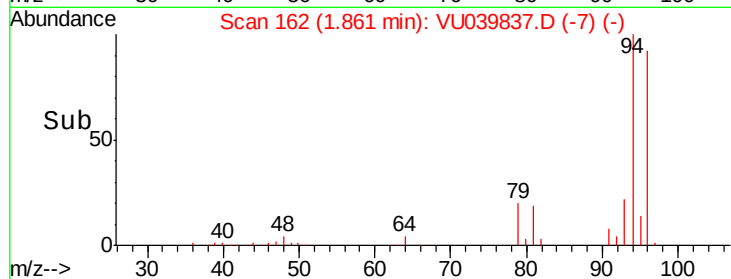
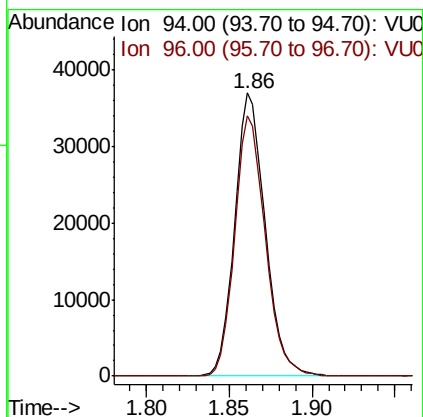
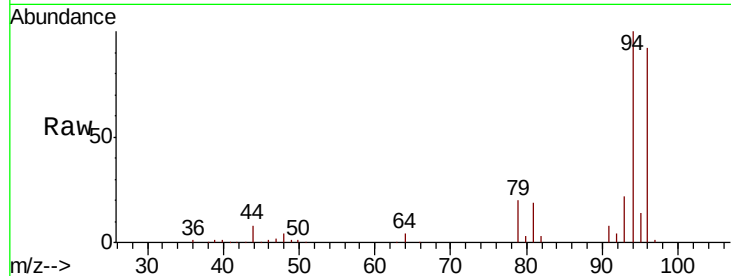




#5
Bromomethane
Concen: 7.689 ug/l
RT: 1.86 min Scan# 162
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

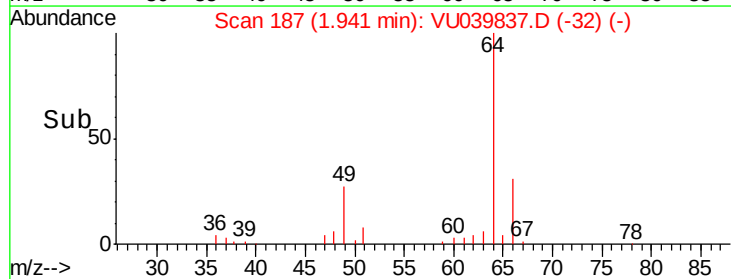
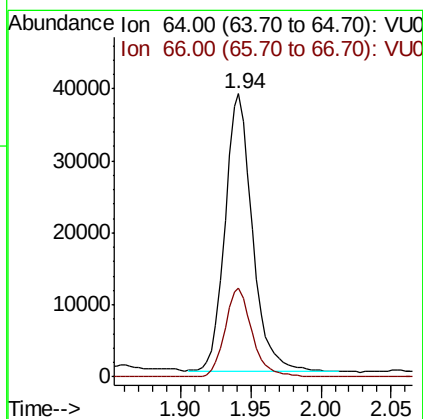
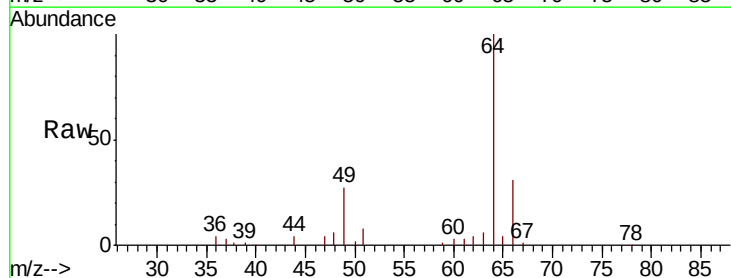
Instrument :
MSVOA_U
ClientSampleId :

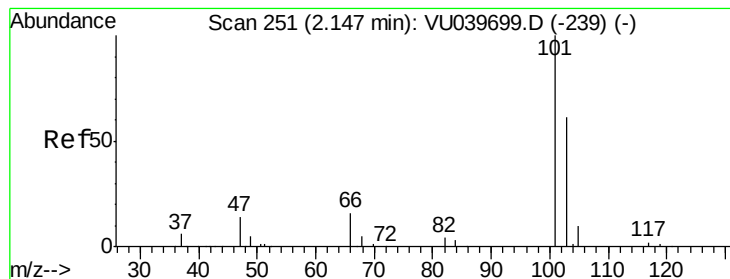
Tot Ion: 94 Resp: 47270
Ion Ratio Lower Upper
94 100
96 92.0 75.0 112.6



#6
Chloroethane
Concen: 8.347 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 64 Resp: 52059
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.2



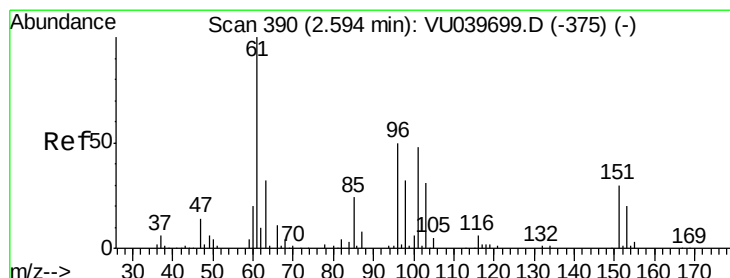
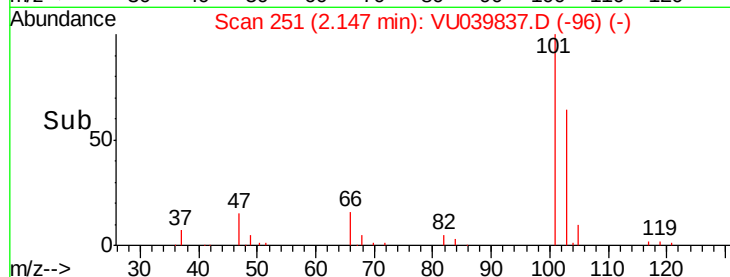
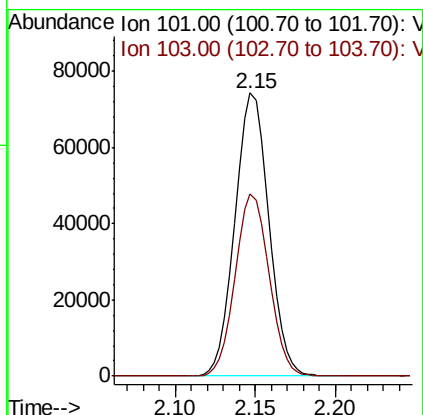
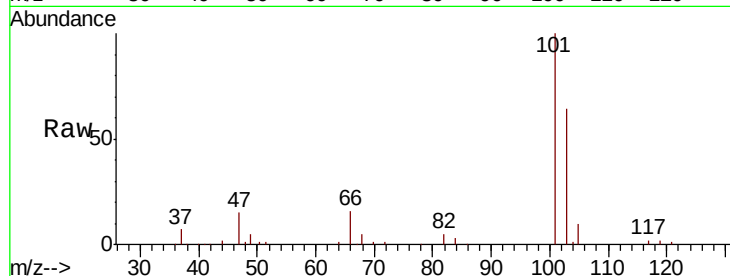


#7

Trichlorofluoromethane
Concen: 8.986 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :

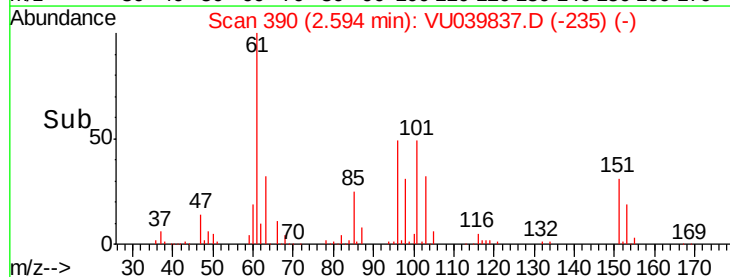
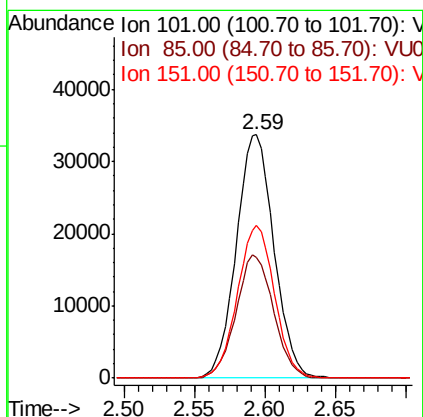
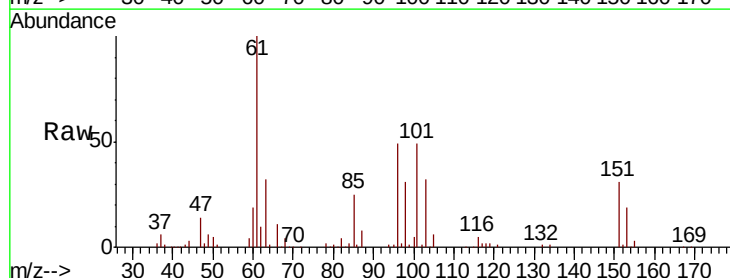
Tot Ion:101 Resp: 106833
Ion Ratio Lower Upper
101 100
103 64.2 48.8 73.2

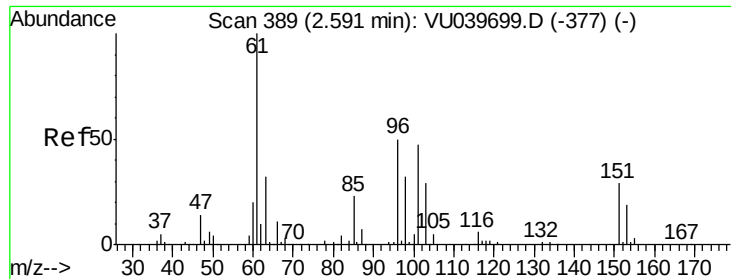


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.244 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion:101 Resp: 63070
Ion Ratio Lower Upper
101 100
85 50.2 39.9 59.9
151 61.6 51.0 76.4





#9

1,1-Dichloroethene

Concen: 8.632 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampled :

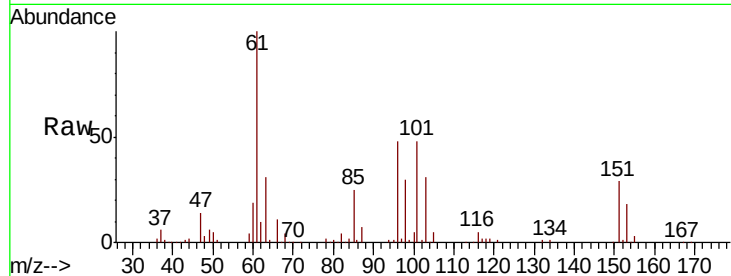
Tot Ion: 96 Resp: 54189

Ion Ratio Lower Upper

96 100

61 207.8 0.0 604.5

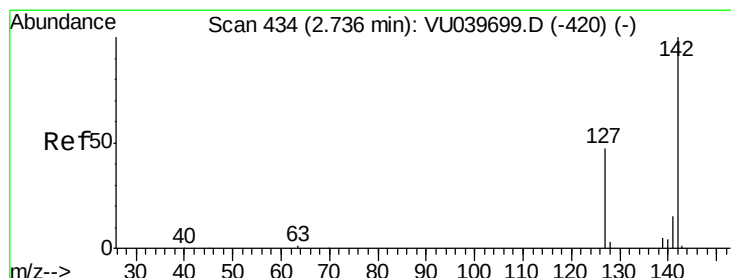
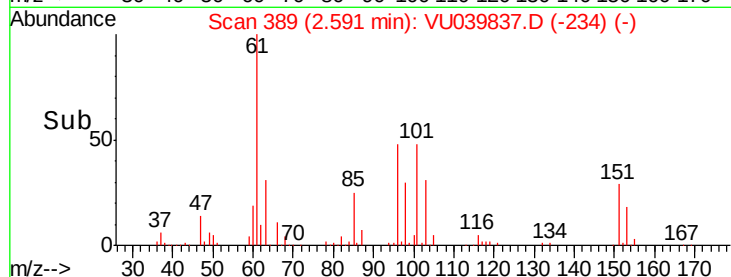
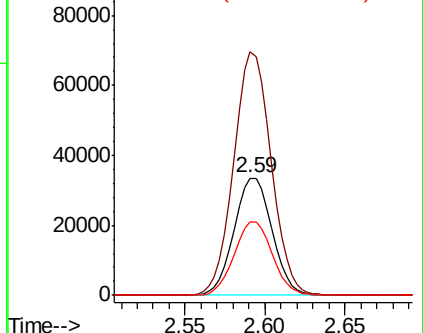
98 62.7 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039837.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU039837.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU039837.D (-234) (-)



#10

Iodomethane

Concen: 5.849 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU039837.D

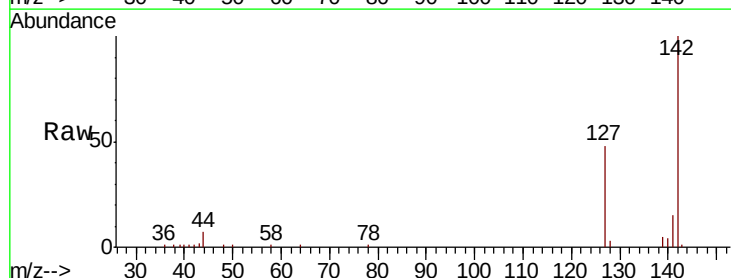
Acq: 12 Aug 2020 10:22

Tgt Ion: 142 Resp: 37033

Ion Ratio Lower Upper

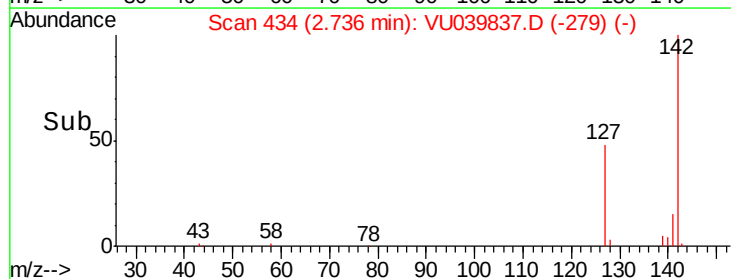
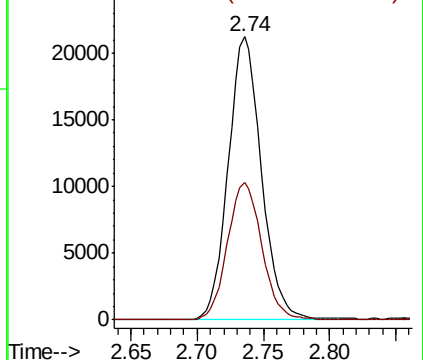
142 100

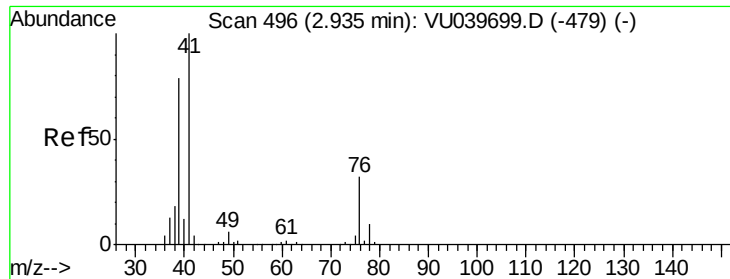
127 50.0 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039837.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU039837.D (-279) (-)

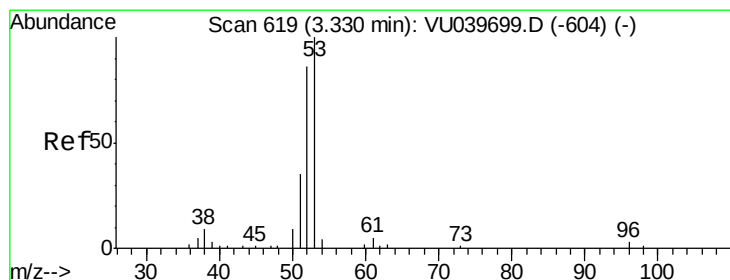
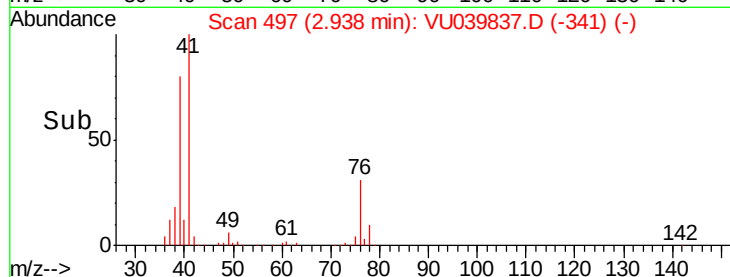
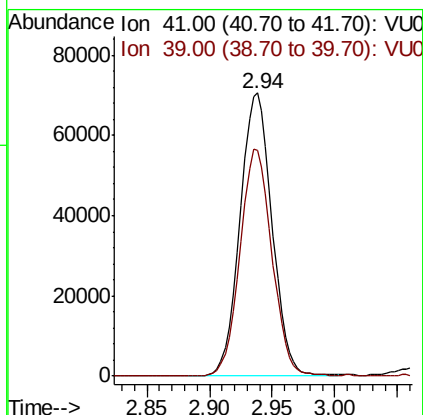
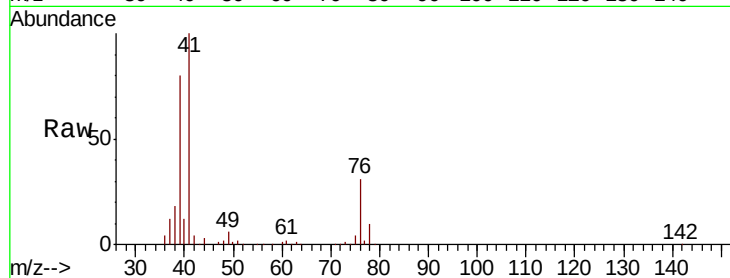




#11
Allvl Chloride
Concen: 9.263 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

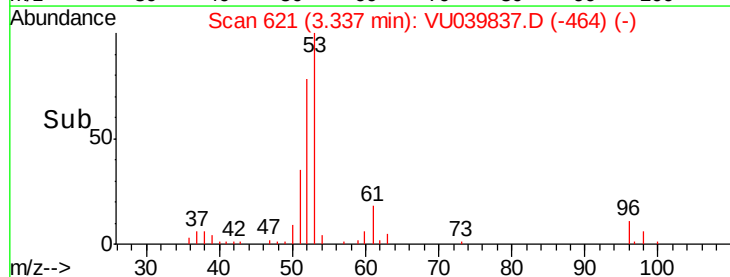
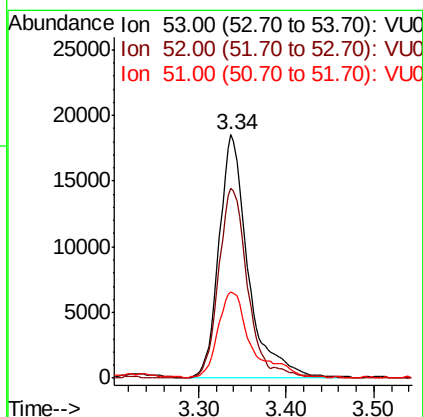
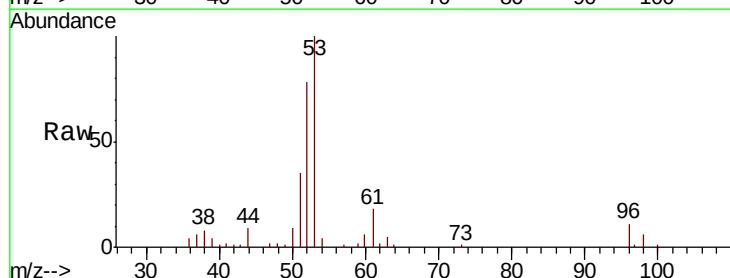
Instrument :
MSVOA_U
ClientSampleId :

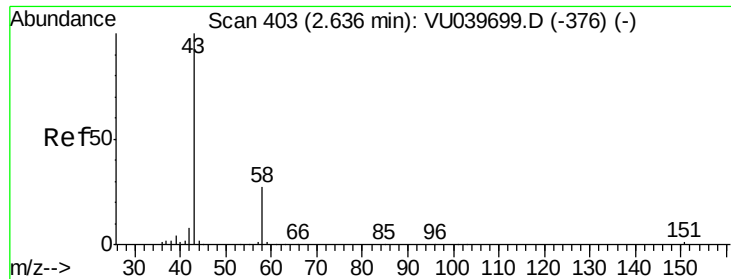
Tot Ion: 41 Resp: 125441
Ion Ratio Lower Upper
41 100
39 79.8 64.2 96.2



#12
Acrylonitrile
Concen: 19.527 ug/l
RT: 3.34 min Scan# 621
Delta R.T. 0.01 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 53 Resp: 43029
Ion Ratio Lower Upper
53 100
52 77.0 69.1 103.7
51 40.4 29.4 44.2





#13

Acetone

Concen: 46.668 ug/l

RT: 2.65 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

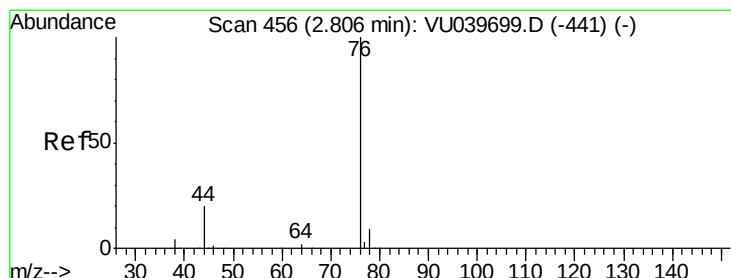
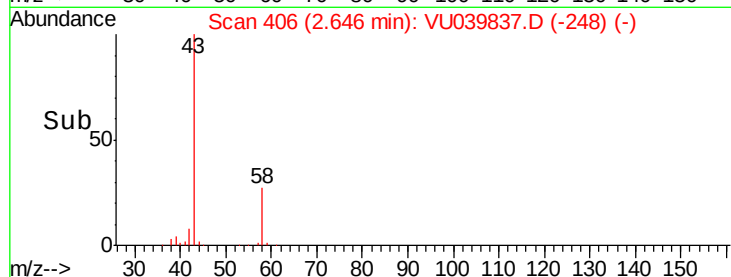
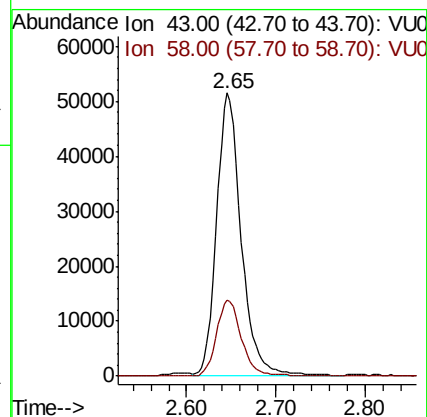
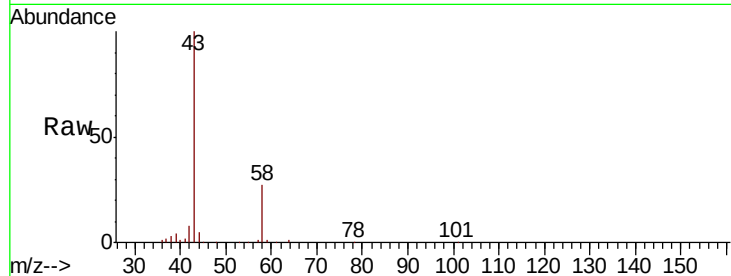
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 96757

Ion Ratio Lower Upper

43 100

58 27.0 21.8 32.6



#14

Carbon Disulfide

Concen: 6.917 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039837.D

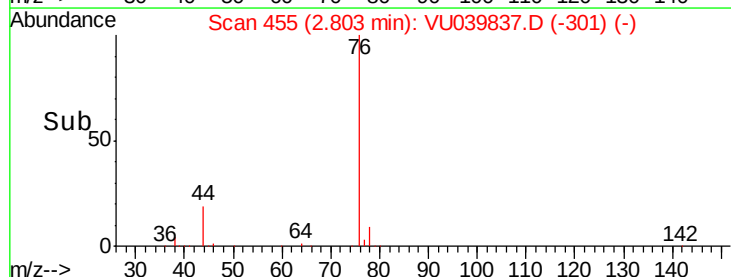
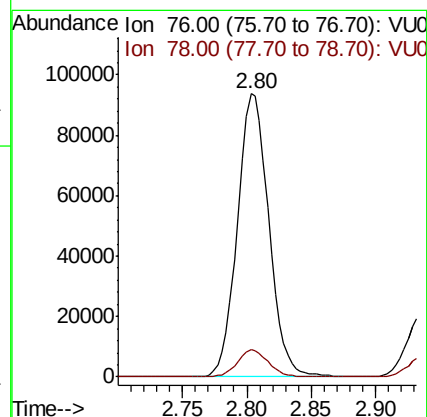
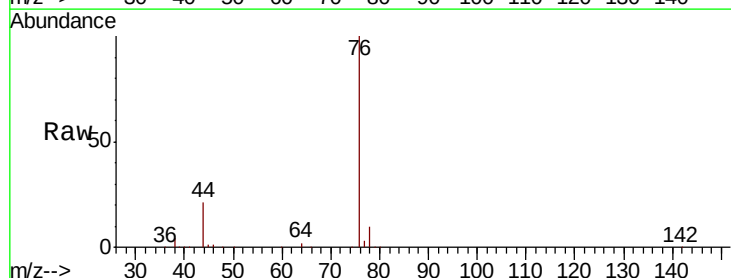
Acq: 12 Aug 2020 10:22

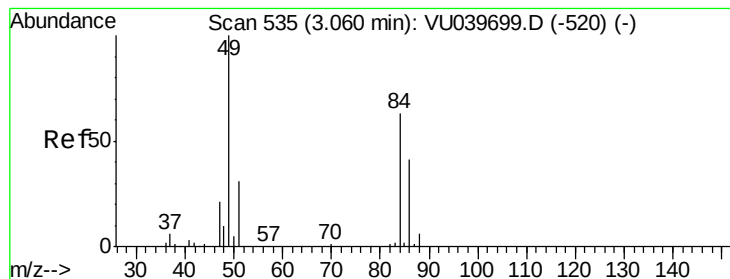
Tgt Ion: 76 Resp: 159250

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6





#15

Methylene Chloride

Concen: 7.957 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 84 Resp: 69629

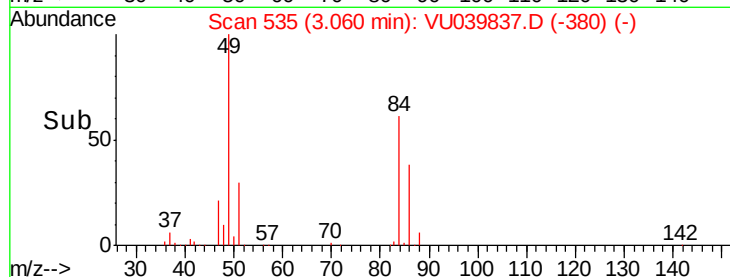
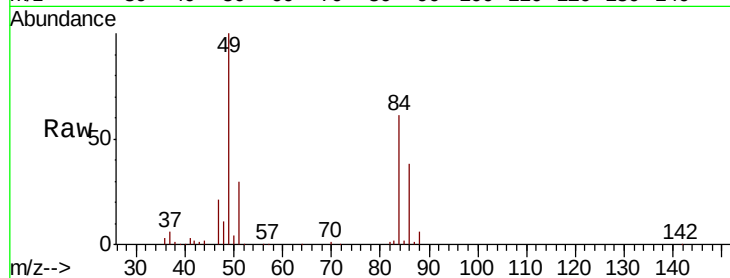
Ion Ratio Lower Upper

84 100

49 163.7 126.8 190.2

51 49.2 0.0 97.2

86 62.2 51.4 77.2

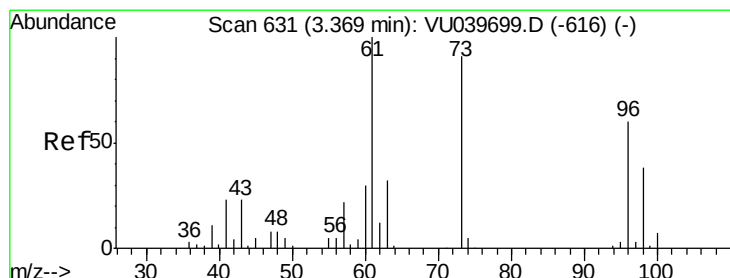
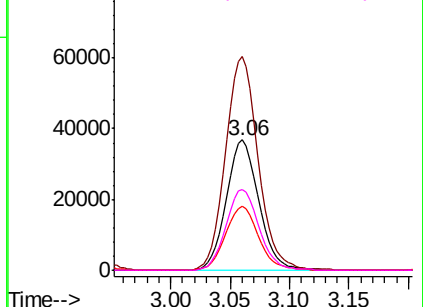


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 8.702 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

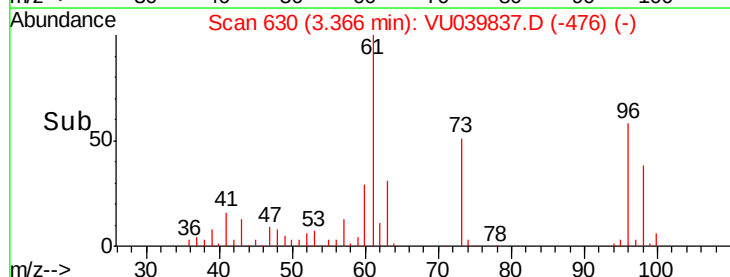
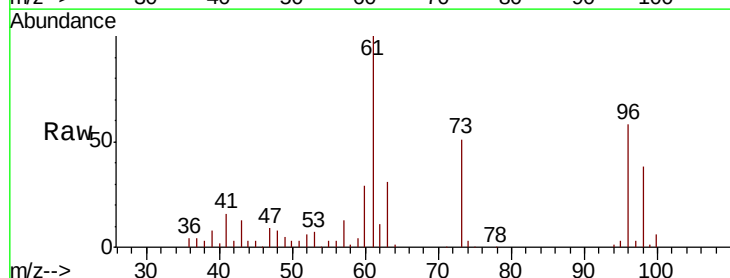
Tgt Ion: 96 Resp: 62107

Ion Ratio Lower Upper

96 100

61 172.3 132.6 199.0

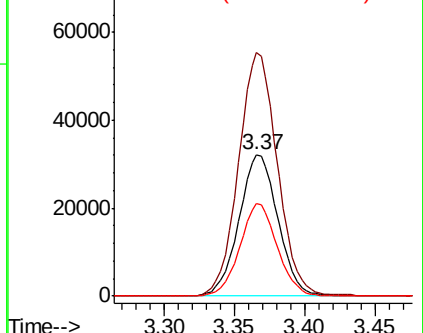
98 65.1 50.2 75.2

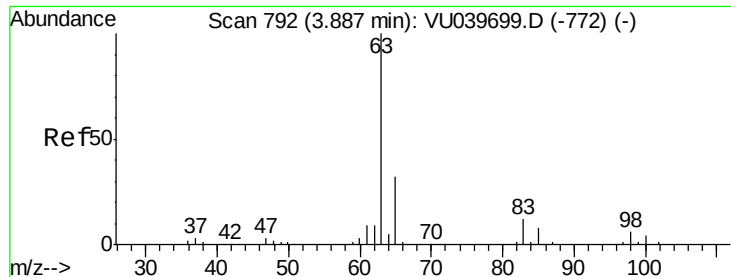


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

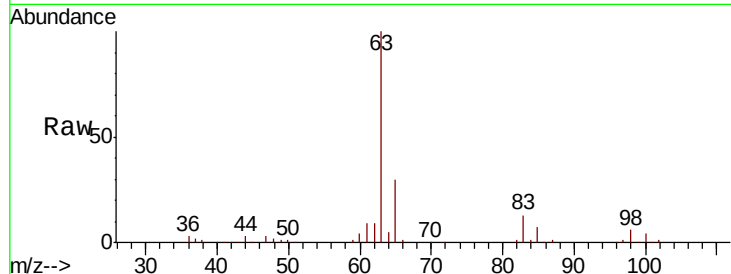




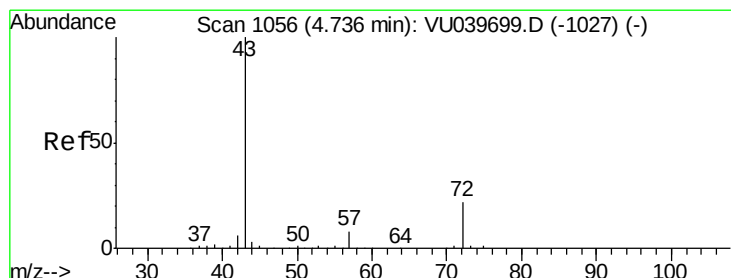
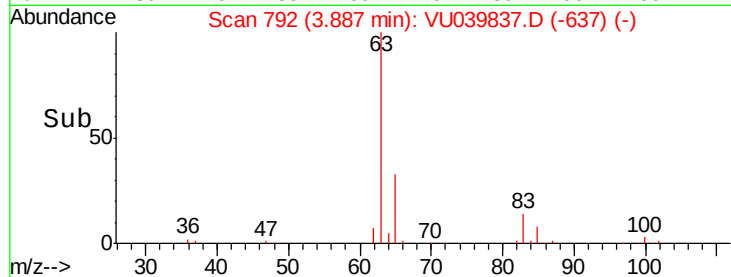
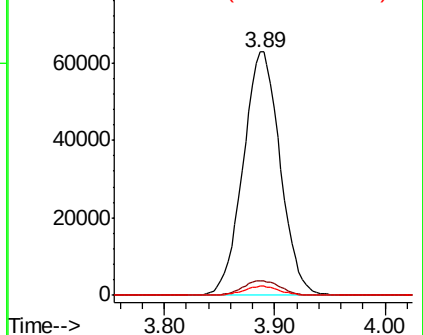
#17
 1,1-Dichloroethane
 Concen: 9.321 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 146081
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.7
 100 3.7 2.0 6.0

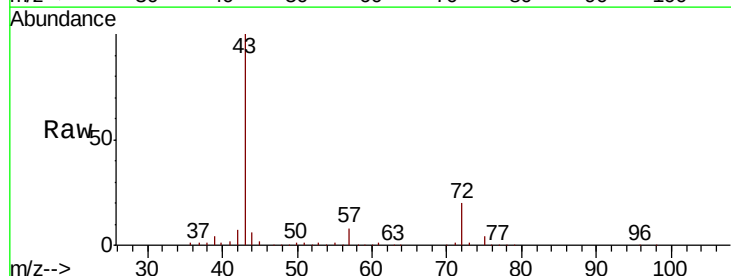


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

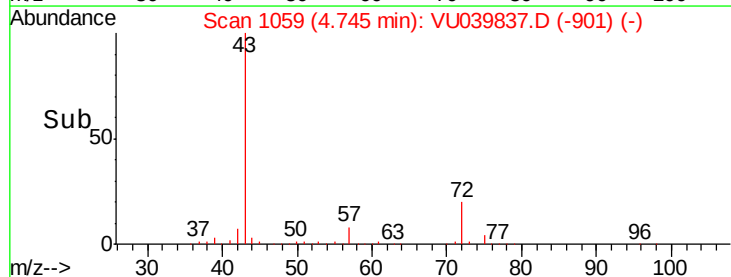
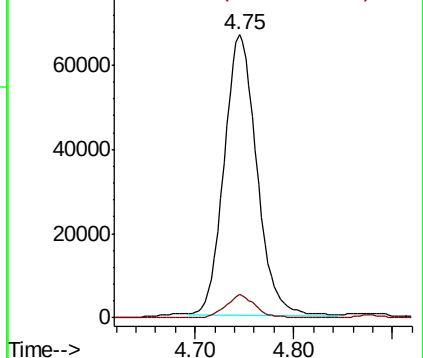


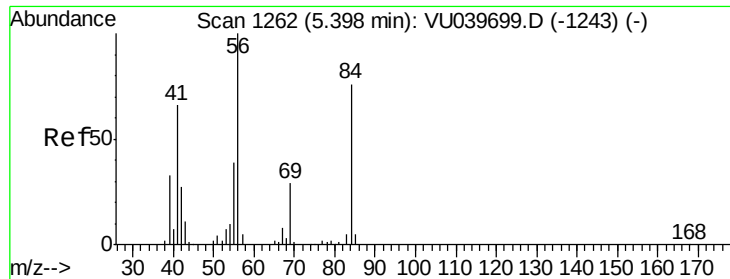
#18
 2-Butanone
 Concen: 44.189 ug/l
 RT: 4.75 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 43 Resp: 154065
 Ion Ratio Lower Upper
 43 100
 57 8.2 0.0 15.2



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

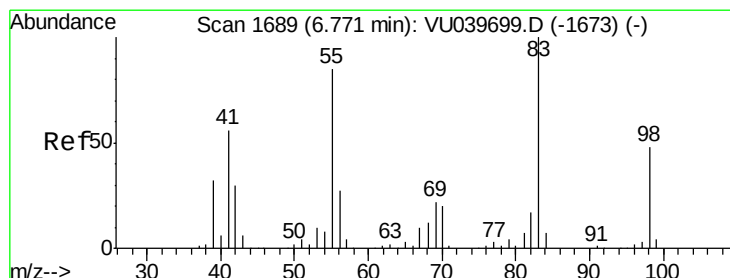
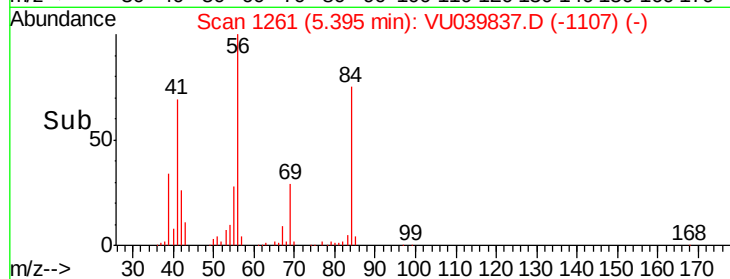
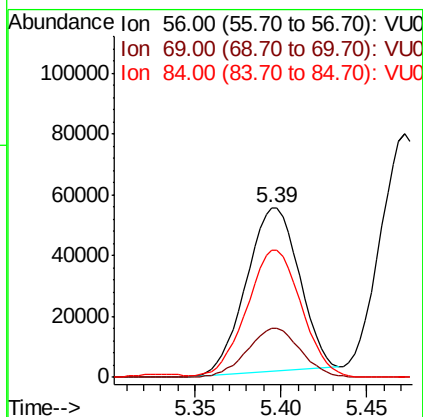
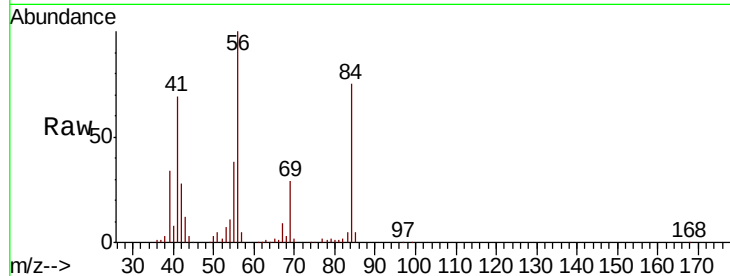




#19
Cyclohexane
Concen: 7.570 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

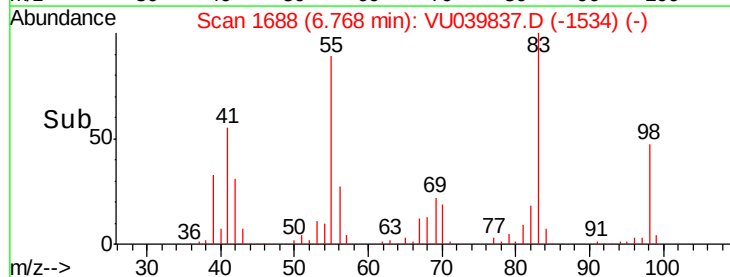
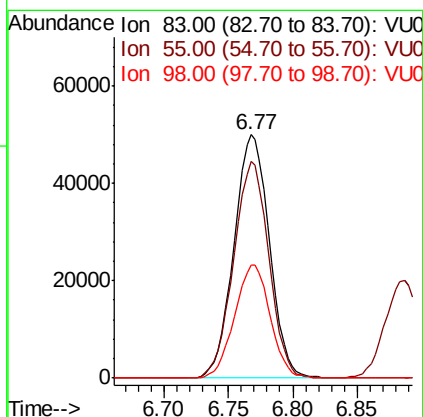
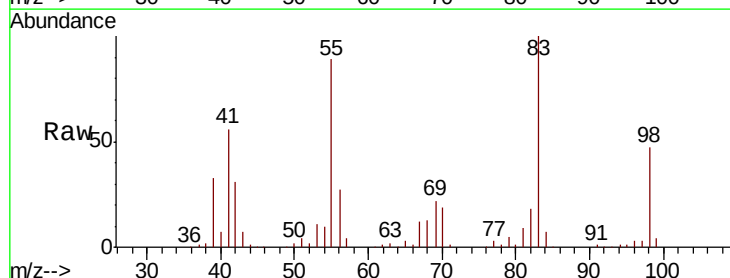
Instrument :
MSVOA_U
ClientSampled :

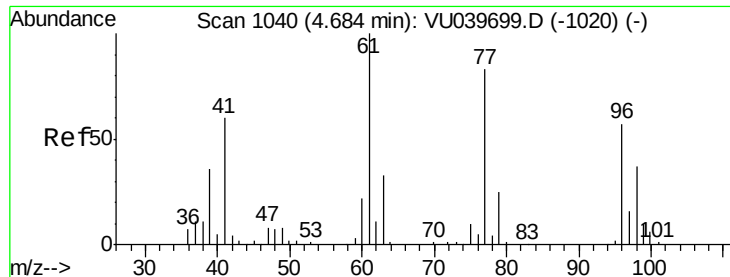
Tot Ion: 56 Resp: 114840
Ion Ratio Lower Upper
56 100
69 30.4 22.8 34.2
84 78.8 59.9 89.9



#20
Methylcyclohexane
Concen: 8.503 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 83 Resp: 95583
Ion Ratio Lower Upper
83 100
55 88.5 67.6 101.4
98 46.6 37.3 55.9

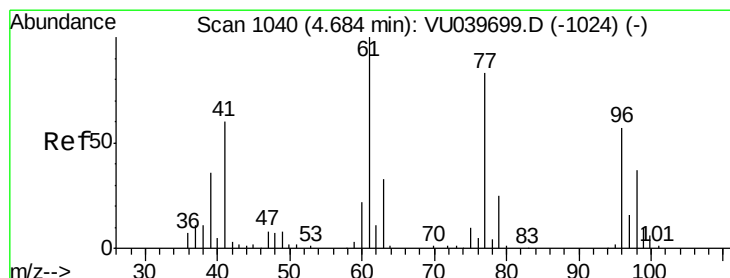
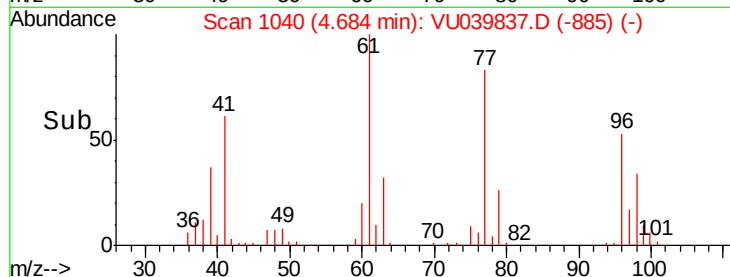
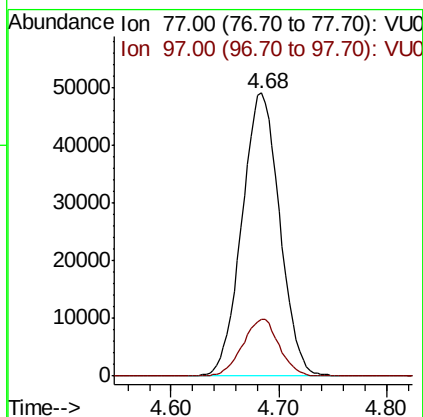
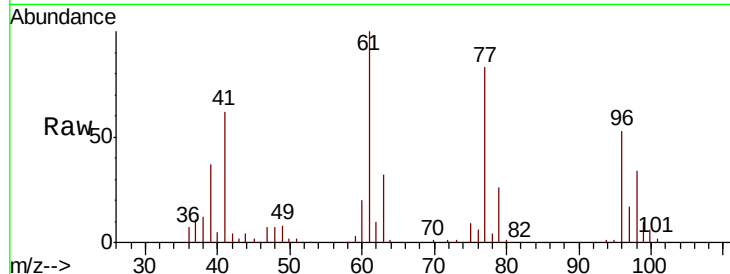




#21
 2,2-Dichloropropane
 Concen: 9.328 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

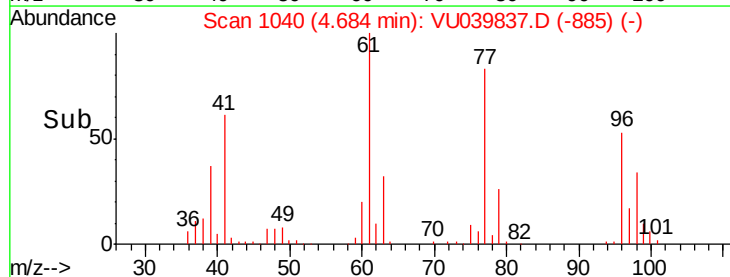
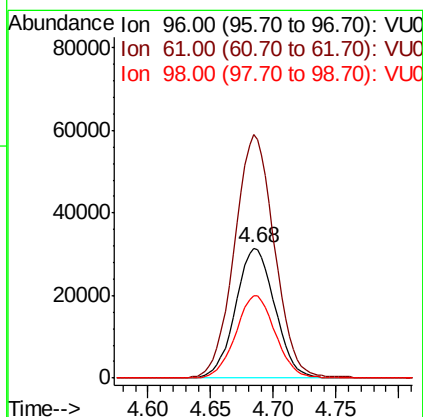
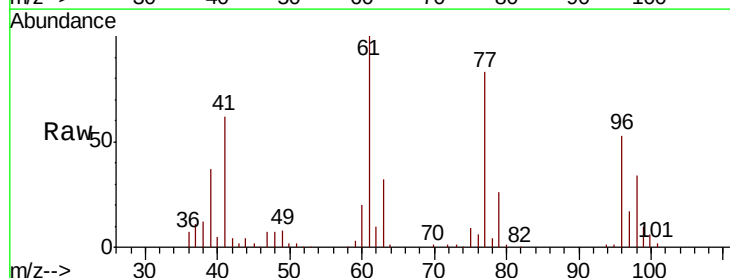
Instrument :
 MSVOA_U
 ClientSampleId :

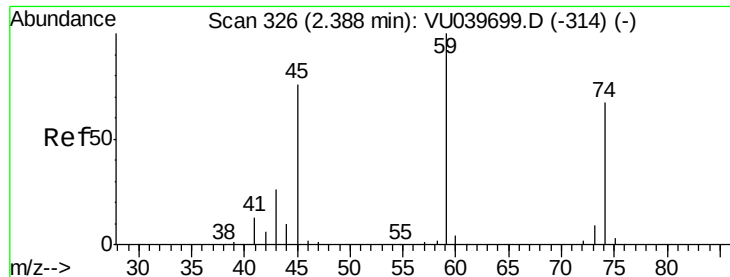
Tot Ion: 77 Resp: 119254
 Ion Ratio Lower Upper
 77 100
 97 19.4 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 8.933 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 96 Resp: 68723
 Ion Ratio Lower Upper
 96 100
 61 191.0 0.0 451.3
 98 64.1 32.6 98.0

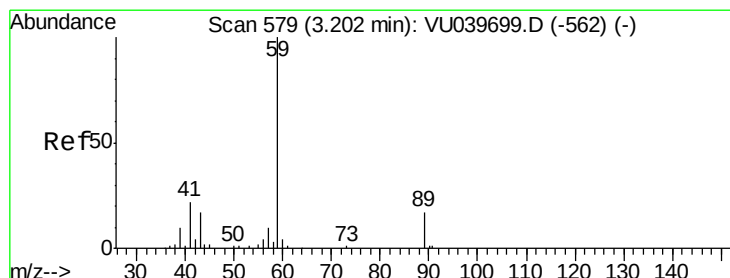
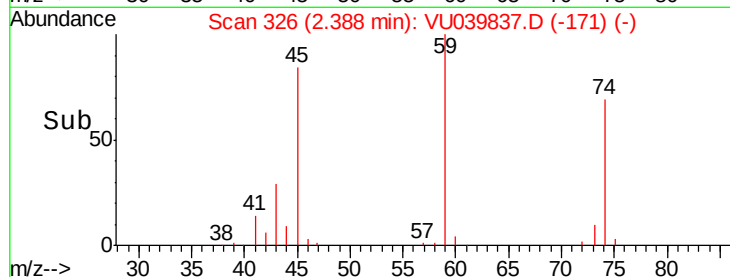
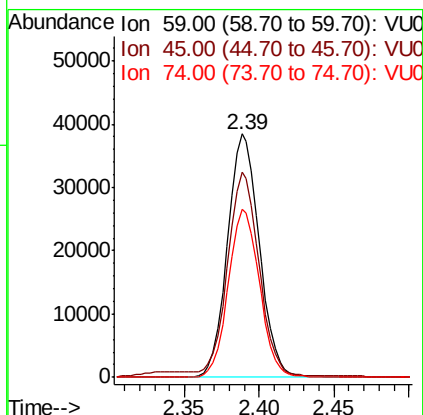
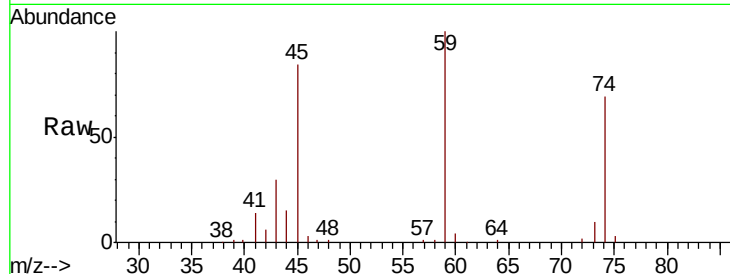




#23
Diethyl Ether
Concen: 8.881 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

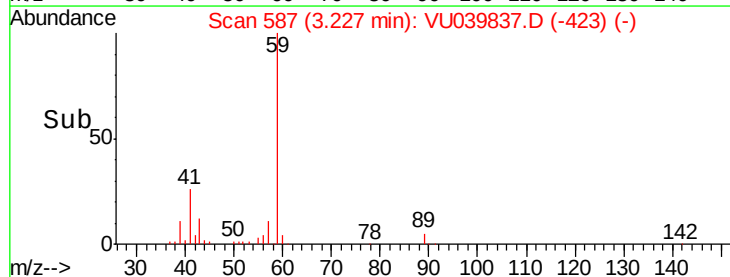
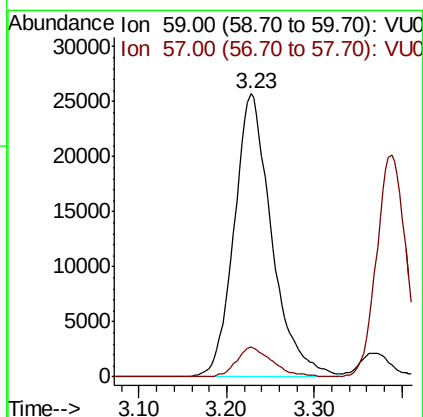
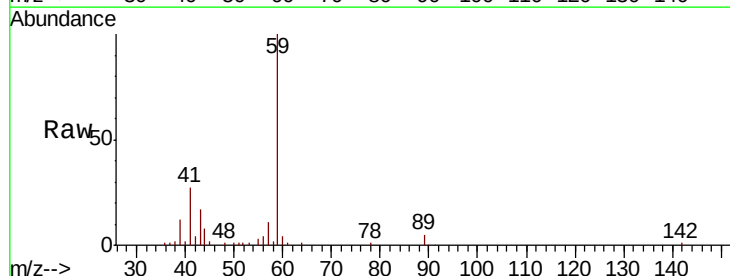
Instrument :
MSVOA_U
ClientSampleId :

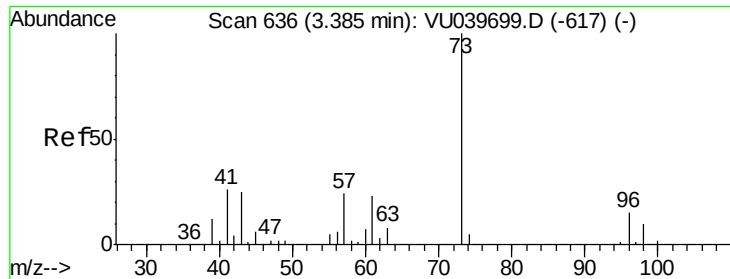
Tot Ion: 59 Resp: 57005
Ion Ratio Lower Upper
59 100
45 83.7 61.5 92.3
74 67.7 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 100.265 ug/l
RT: 3.23 min Scan# 587
Delta R.T. 0.03 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 59 Resp: 76589
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6



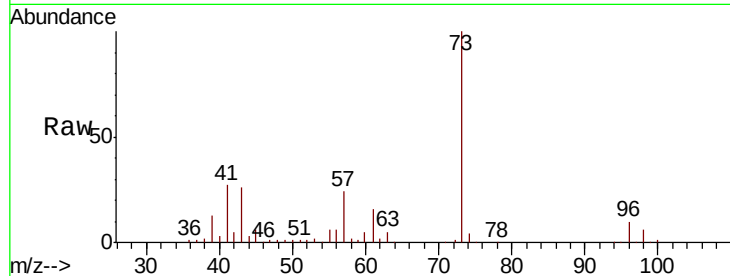


#25

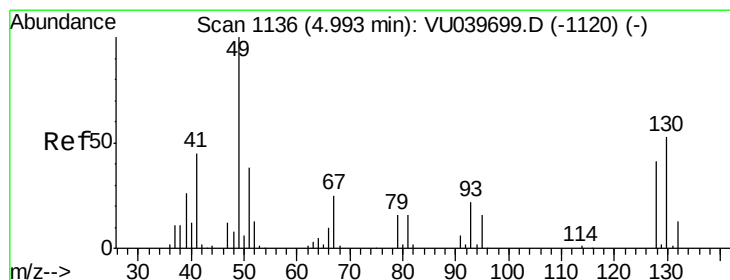
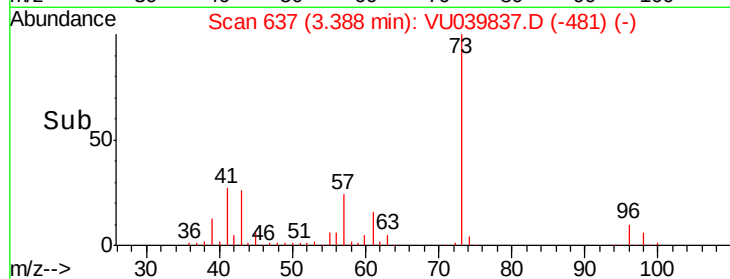
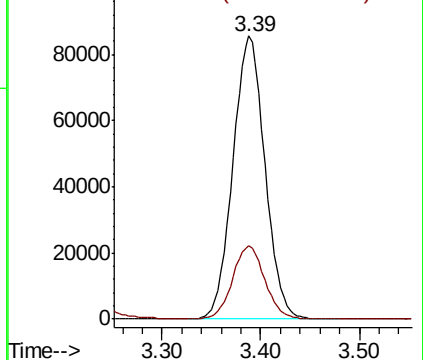
Methyl tert-Butyl Ether
 Concen: 9.421 ug/l
 RT: 3.39 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 73 Resp: 192984
 Ion Ratio Lower Upper
 73 100
 43 25.7 20.1 30.1



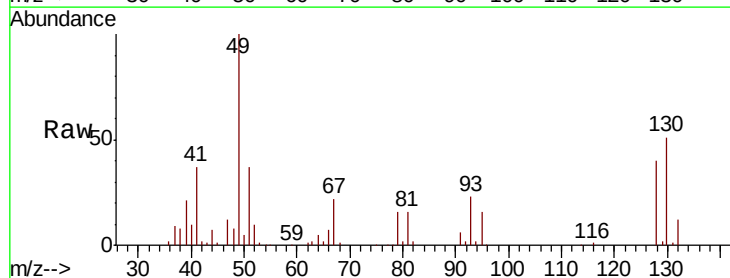
Abundance Ion 73.00 (72.70 to 73.70): VU039699.D (-617) (-)
 Ion 43.00 (42.70 to 43.70): VU039699.D (-617) (-)



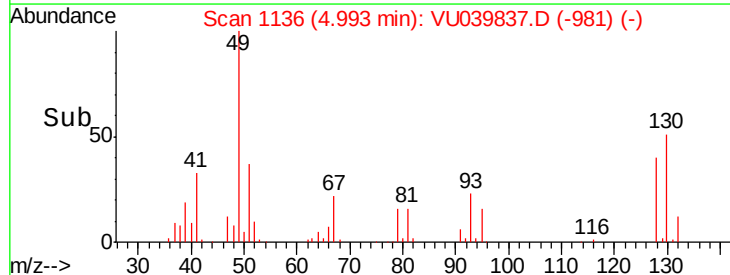
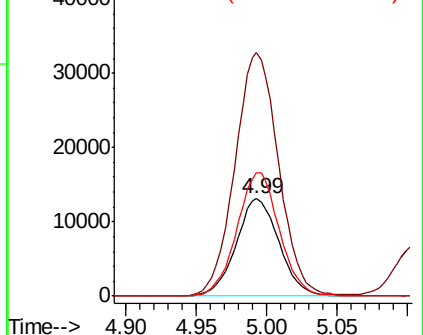
#26

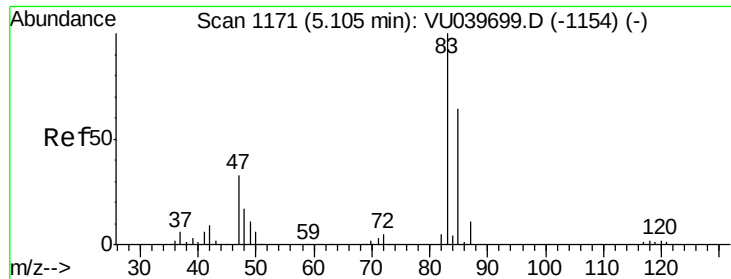
Bromochloromethane
 Concen: 8.866 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 128 Resp: 27905
 Ion Ratio Lower Upper
 128 100
 49 253.9 0.0 503.8
 130 125.4 102.7 154.1



Abundance Ion 128.00 (127.70 to 128.70): VU039699.D (-1120) (-)
 Ion 49.00 (48.70 to 49.70): VU039699.D (-1120) (-)
 Ion 130.00 (129.70 to 130.70): VU039699.D (-1120) (-)

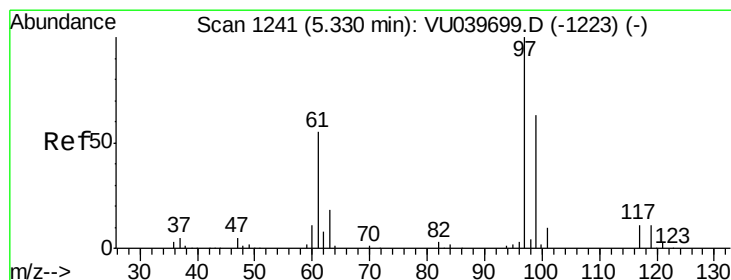
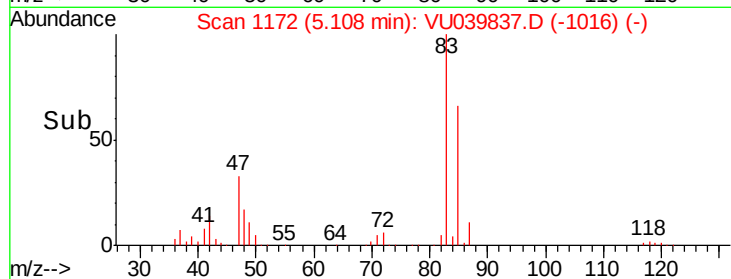
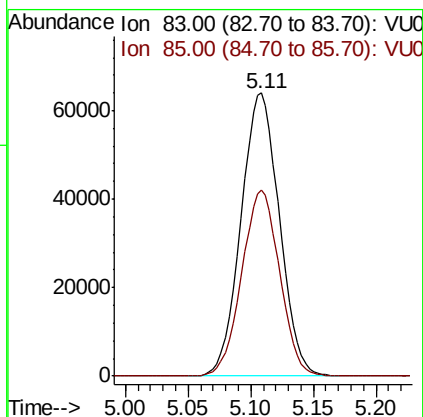
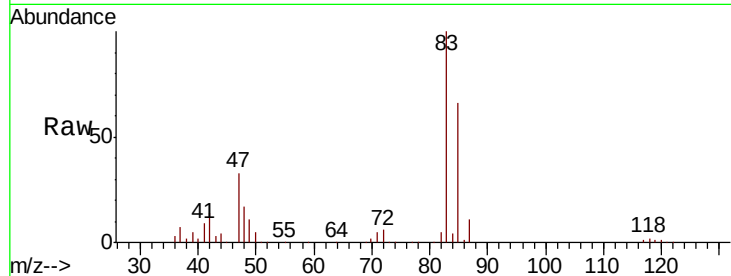




#27
Chloroform
Concen: 9.294 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

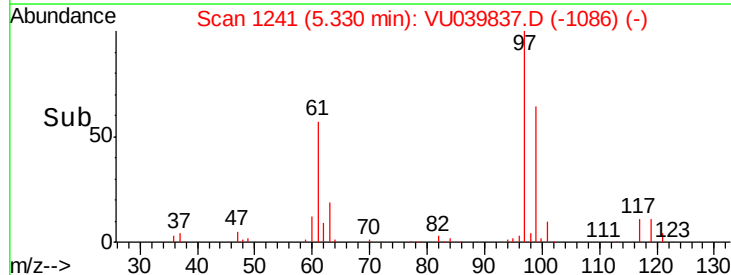
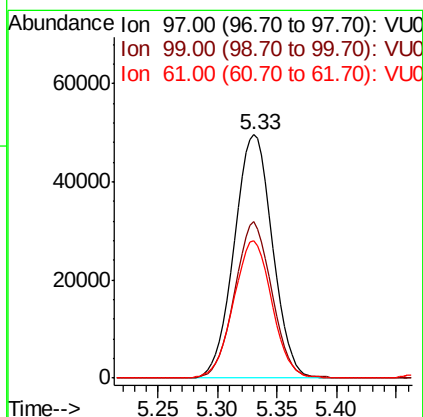
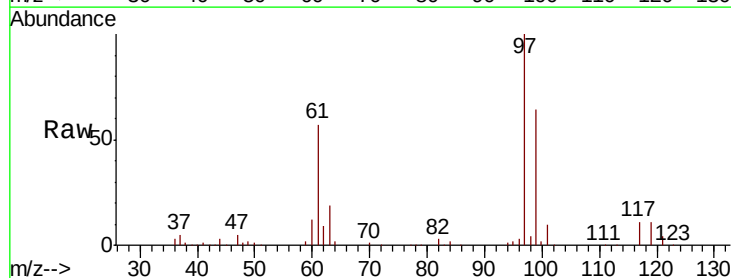
Instrument :
MSVOA_U
ClientSampleId :

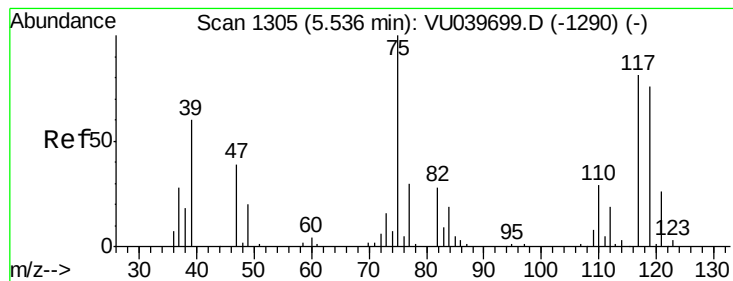
Tot Ion: 83 Resp: 136328
Ion Ratio Lower Upper
83 100
85 65.7 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 9.314 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 97 Resp: 110543
Ion Ratio Lower Upper
97 100
99 62.3 32.2 96.6
61 56.8 28.3 85.0





#29

1,1-Dichloropropene

Concen: 8.685 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampled :

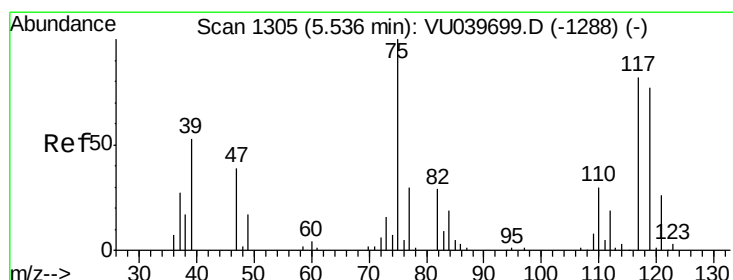
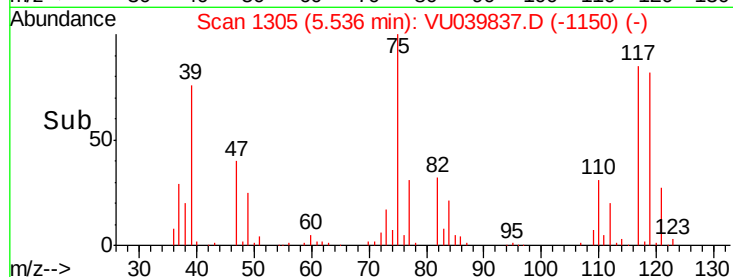
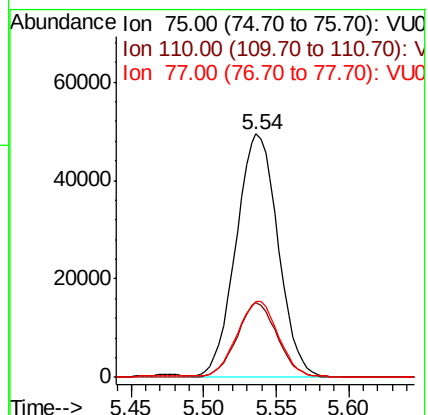
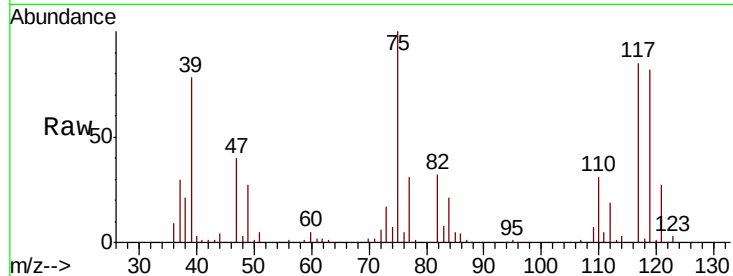
Tot Ion: 75 Resp: 99261

Ion Ratio Lower Upper

75 100

110 29.7 14.6 44.0

77 30.7 25.0 37.4



#30

Carbon Tetrachloride

Concen: 9.377 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

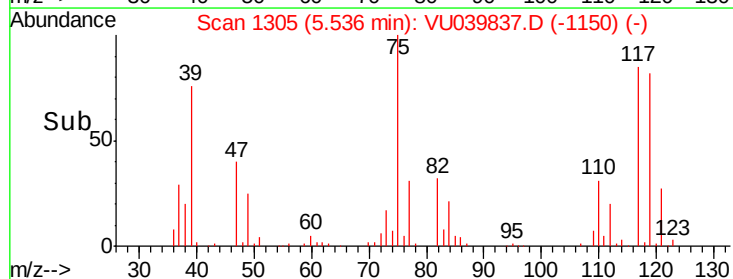
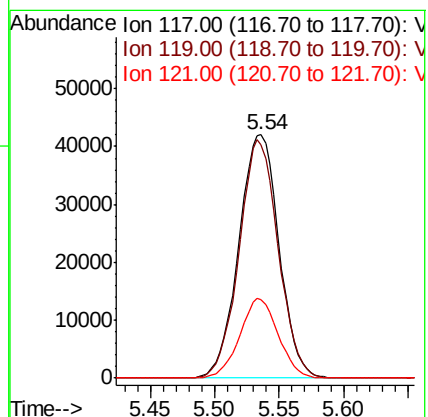
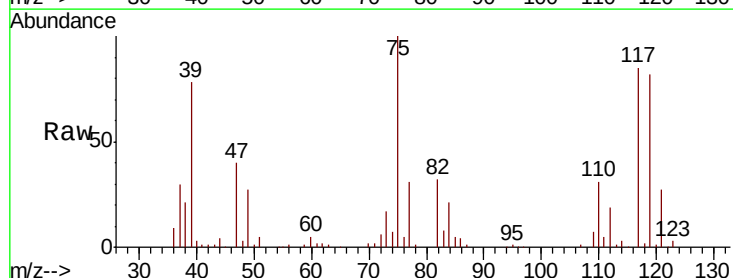
Tgt Ion: 117 Resp: 90998

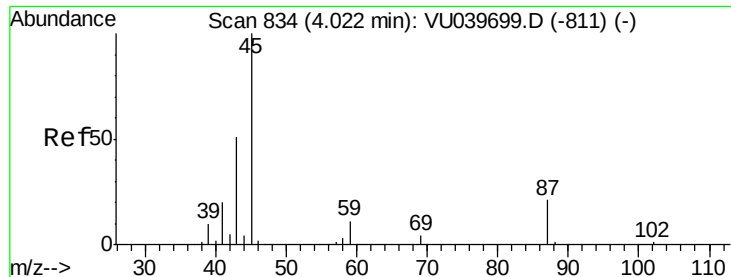
Ion Ratio Lower Upper

117 100

119 95.9 75.2 112.8

121 32.2 25.4 38.2





#31

Isopropyl Ether

Concen: 9.632 ug/l

RT: 4.02 min Scan# 835

Delta R.T. 0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

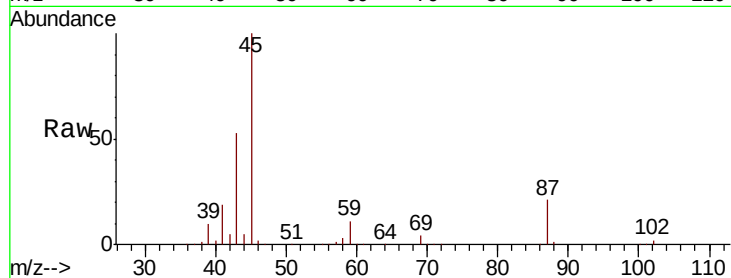
ClientSampleId :

Tot Ion: 45 Resp: 275325

Ion Ratio Lower Upper

45 100

43 52.6 26.5 79.4



Abundance Ion 45.00 (44.70 to 45.70): VU039699.D (-811) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-811) (-)

4.02

120000

100000

80000

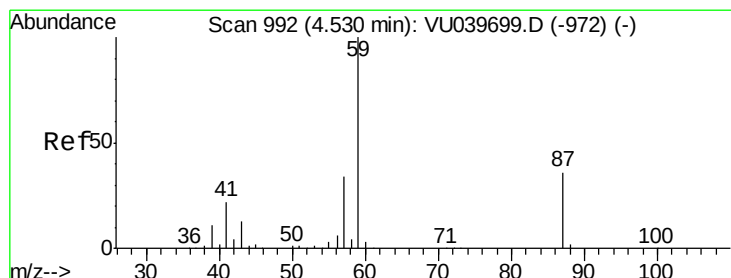
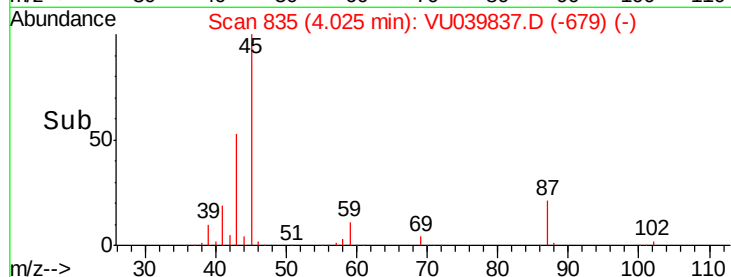
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.339 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039837.D

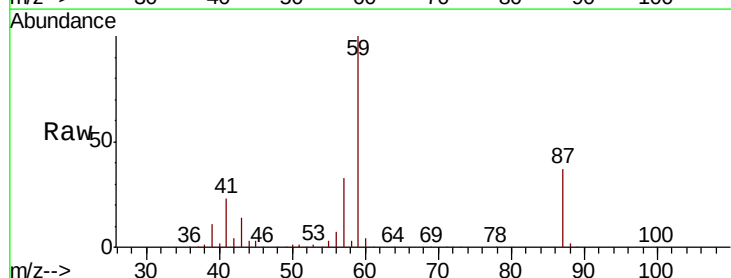
Acq: 12 Aug 2020 10:22

Tgt Ion: 59 Resp: 227185

Ion Ratio Lower Upper

59 100

87 37.3 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039699.D (-972) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-972) (-)

4.53

100000

80000

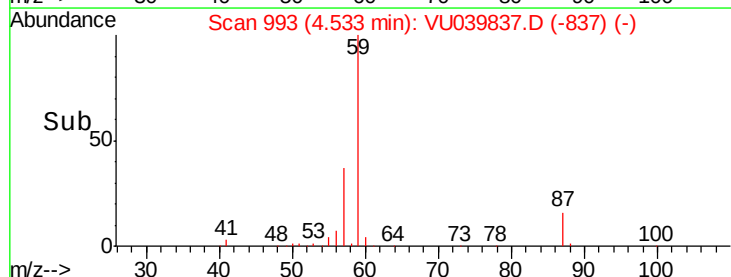
60000

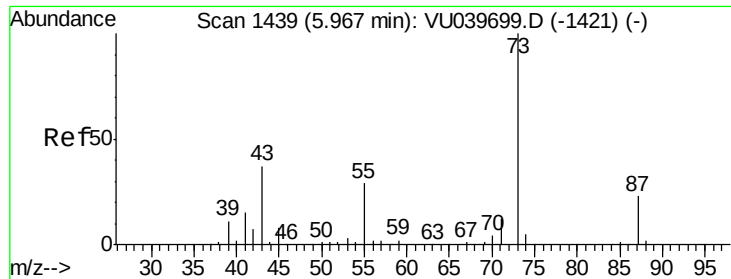
40000

20000

0

Time-->



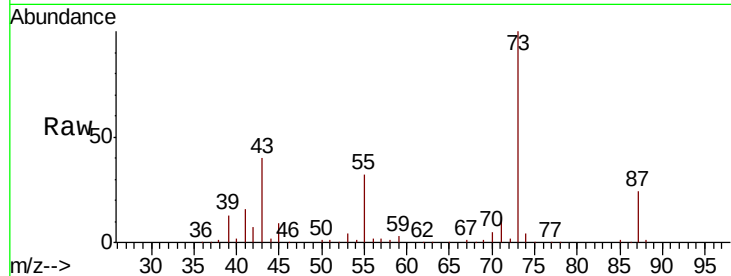


#33

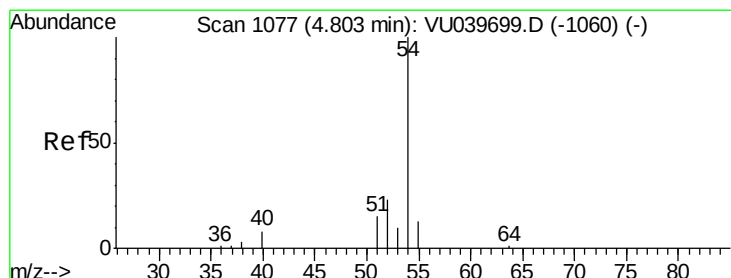
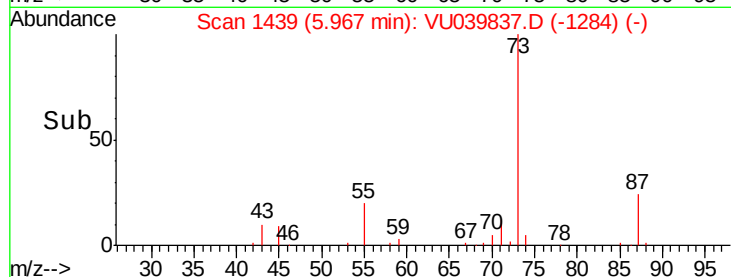
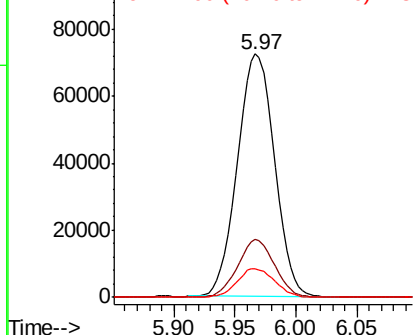
Tert-Butyl methyl ether
 Concen: 8.660 ug/l
 RT: 5.97 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 73 Resp: 151874
 Ion Ratio Lower Upper
 73 100
 87 23.5 18.7 28.1
 71 12.0 9.1 13.7



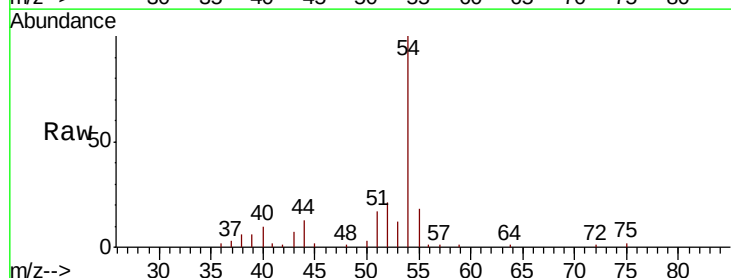
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



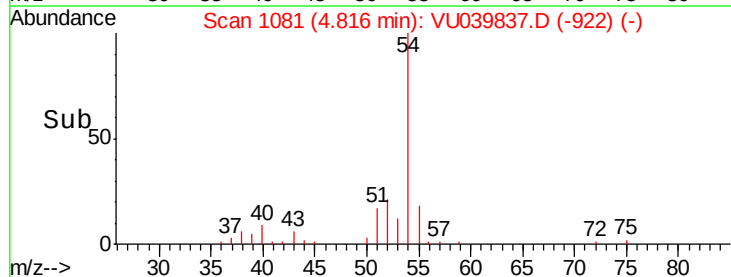
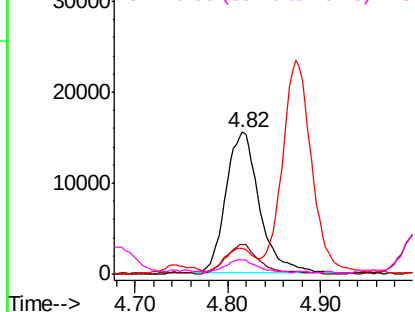
#34

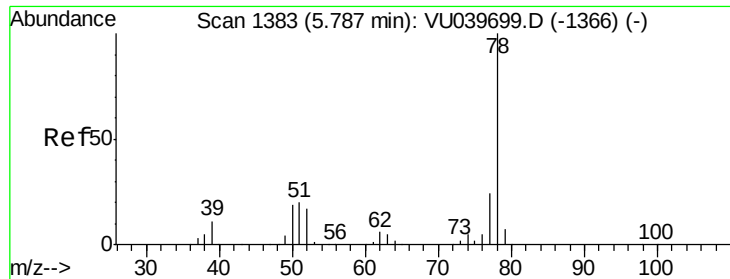
Propionitrile
 Concen: 45.300 ug/l
 RT: 4.82 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 54 Resp: 38962
 Ion Ratio Lower Upper
 54 100
 52 20.3 16.9 25.3
 55 15.7 12.9 19.3
 40 8.4 6.2 9.2



Abundance Ion 54.00 (53.70 to 54.70): VU0
 Ion 52.00 (51.70 to 52.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 9.692 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

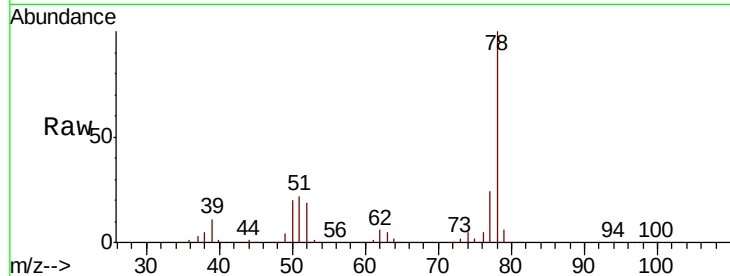
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 273994

Ion Ratio Lower Upper

78 100

77 24.4 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1366) (-)

5.79

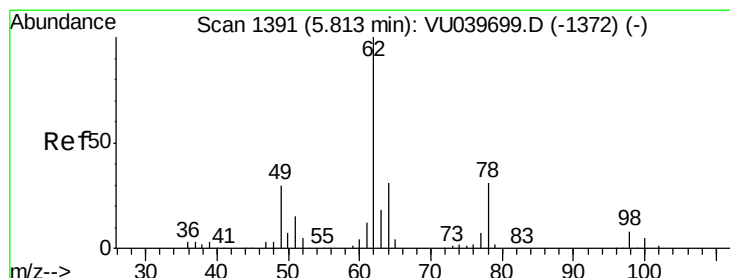
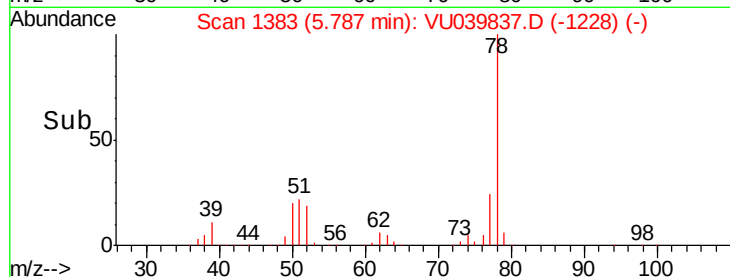
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.161 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039837.D

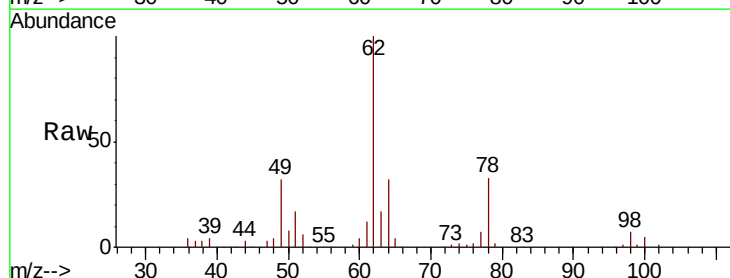
Acq: 12 Aug 2020 10:22

Tgt Ion: 62 Resp: 97083

Ion Ratio Lower Upper

62 100

98 7.4 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-1372) (-)

5.81

50000

40000

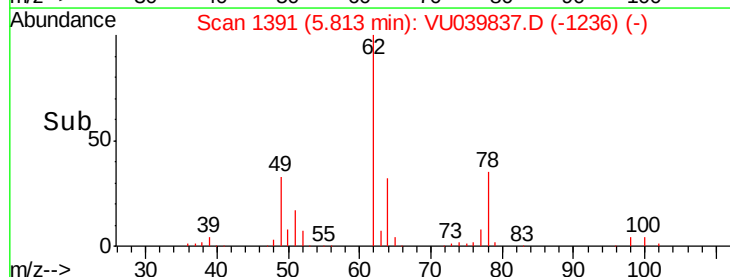
30000

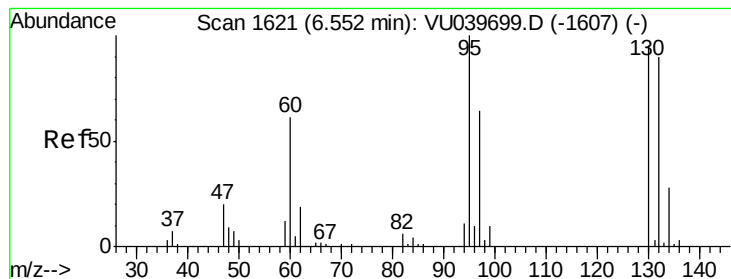
20000

10000

0

Time-->





#37

Trichloroethene

Concen: 8.618 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

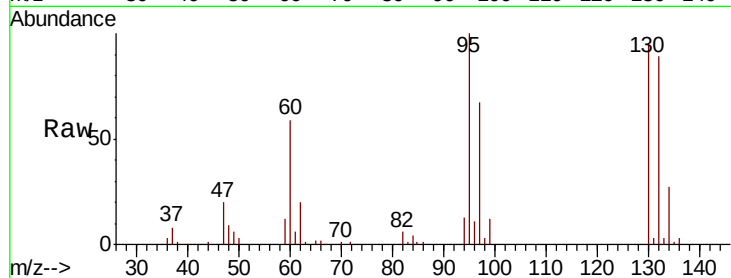
ClientSampleId :

Tot Ion:130 Resp: 55740

Ion Ratio Lower Upper

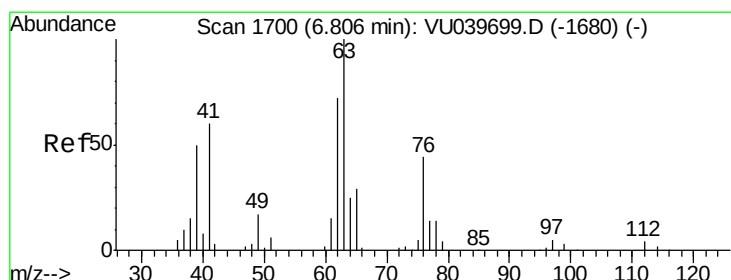
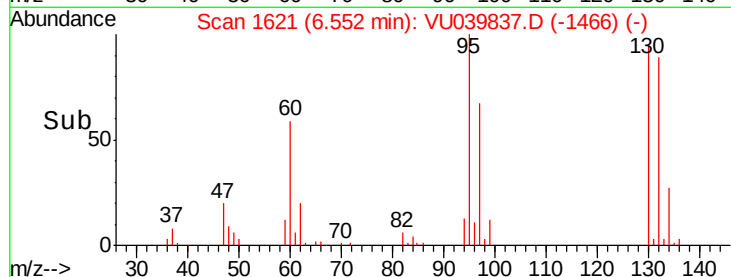
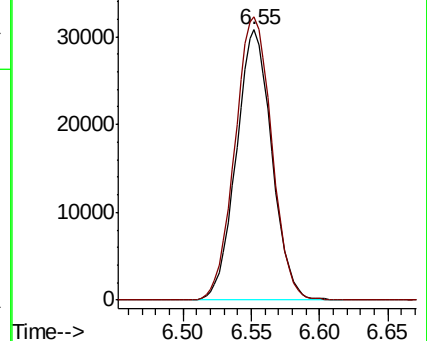
130 100

95 104.8 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: 9.357 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU039837.D

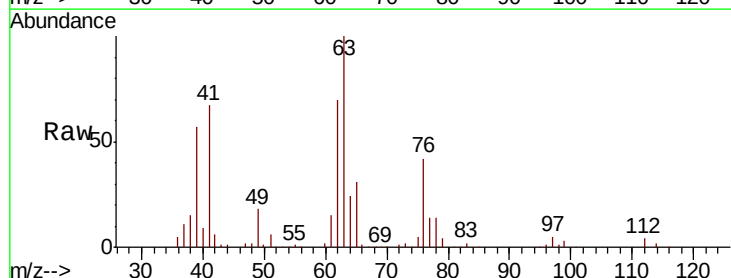
Acq: 12 Aug 2020 10:22

Tgt Ion: 63 Resp: 72905

Ion Ratio Lower Upper

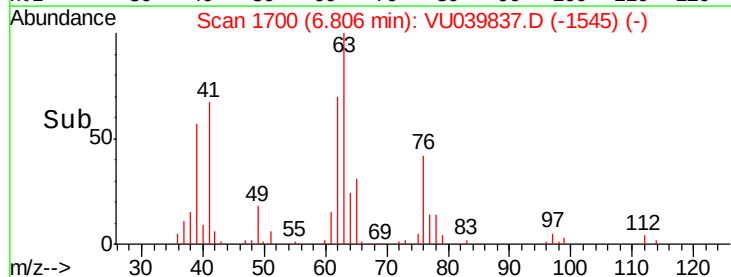
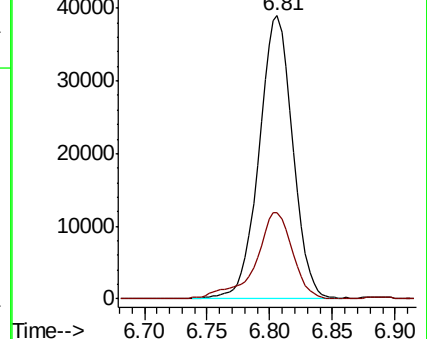
63 100

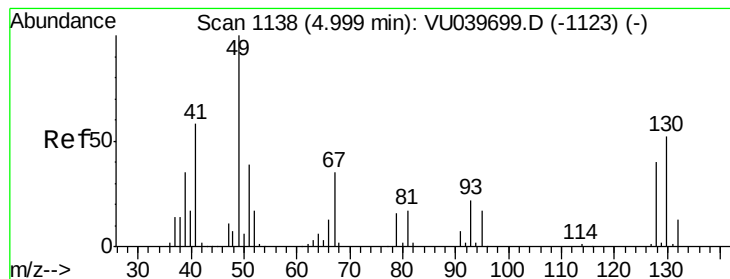
65 30.7 23.8 35.6



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: 8.187 ug/l

RT: 5.01 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 41 Resp: 37111

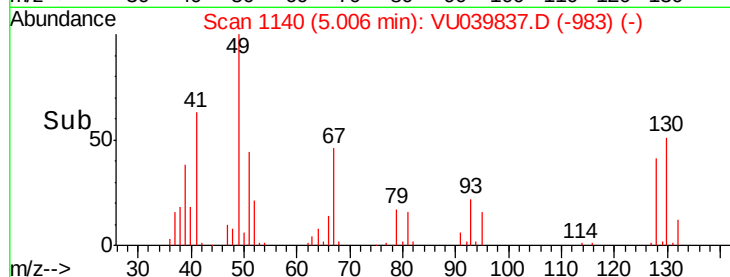
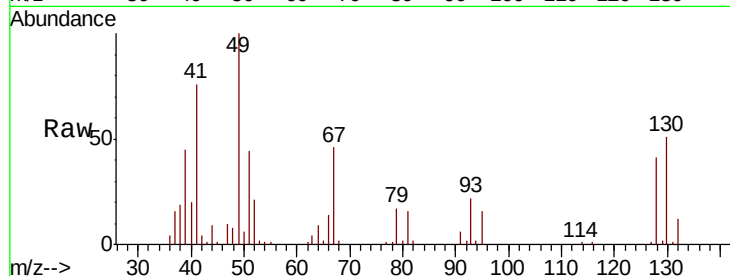
Ion Ratio Lower Upper

41 100

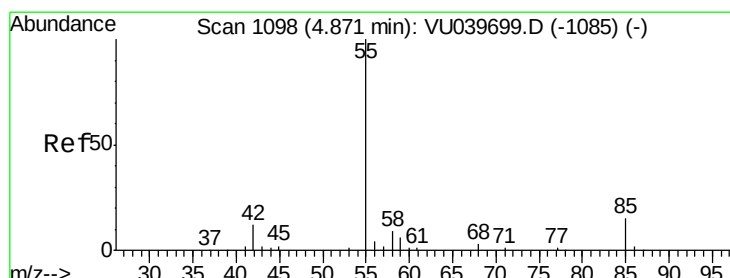
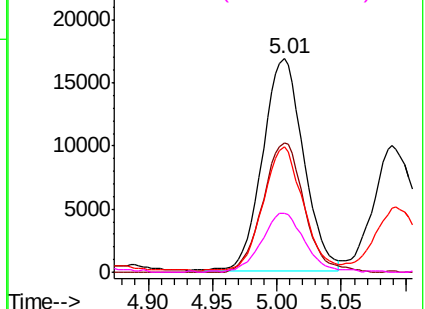
67 61.6 48.3 72.5

39 57.1 47.6 71.4

52 29.2 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: 8.727 ug/l

RT: 4.87 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Tgt Ion: 55 Resp: 51009

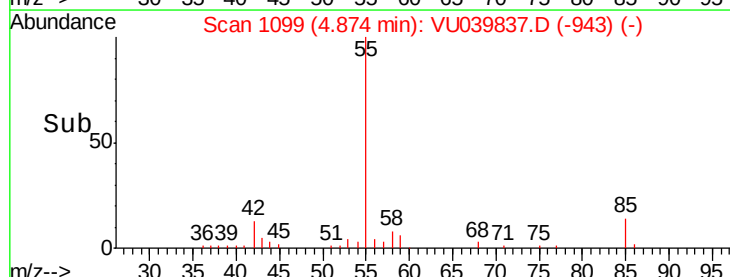
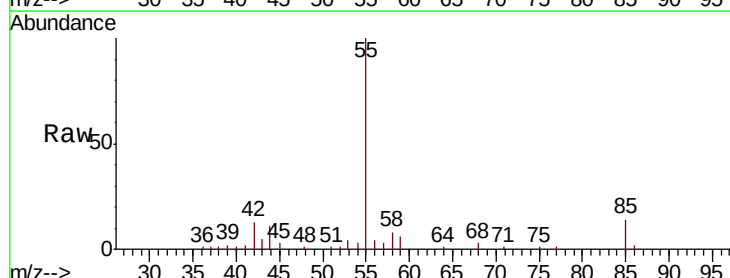
Ion Ratio Lower Upper

55 100

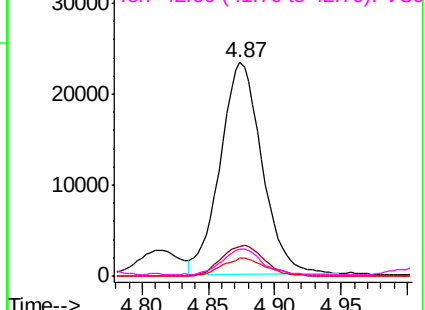
85 14.7 11.4 17.0

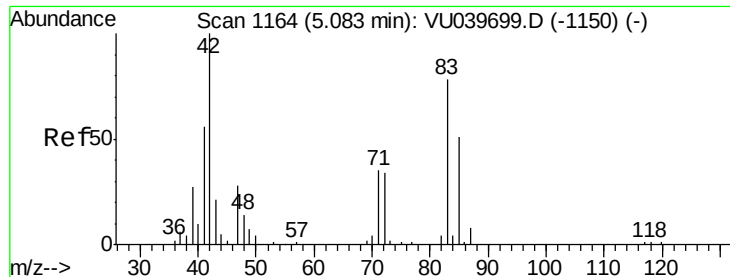
58 8.8 7.4 11.0

42 11.9 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: 16.440 ug/l

RT: 5.09 min Scan# 1167

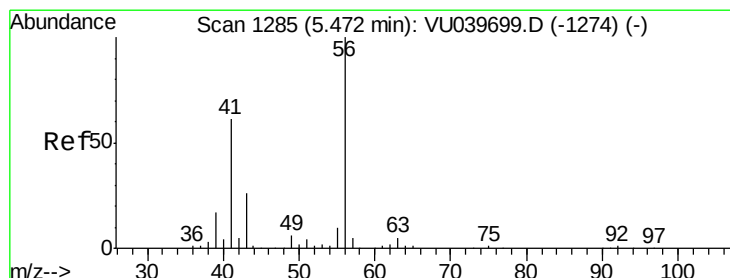
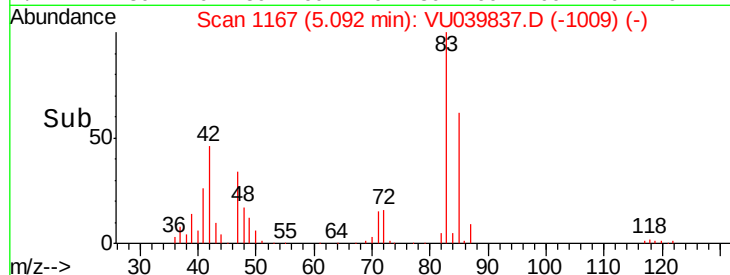
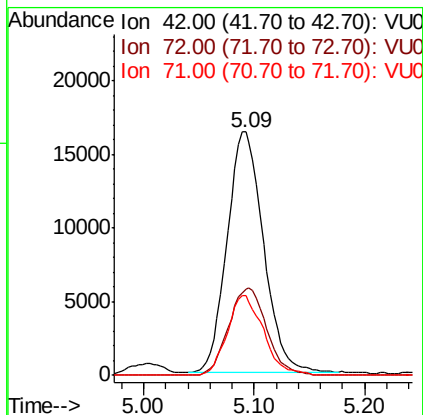
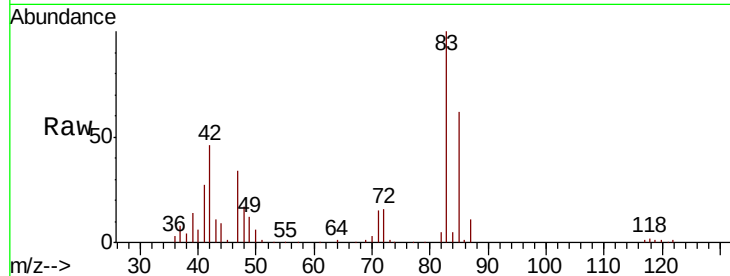
Delta R.T. 0.01 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	42	Resp:	37491
Ion	Ratio	Lower	Upper
42	100		
72	37.6	31.0	46.6
71	33.0	28.2	42.4



#42

1-Chlorobutane

Concen: 8.828 ug/l

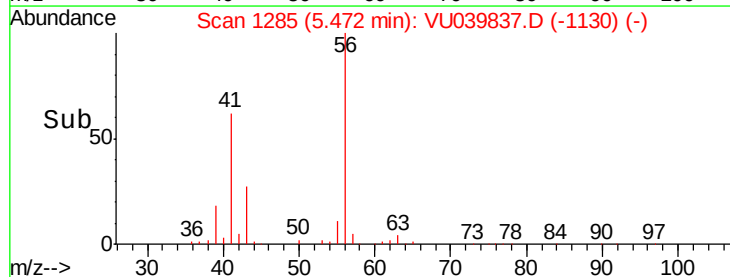
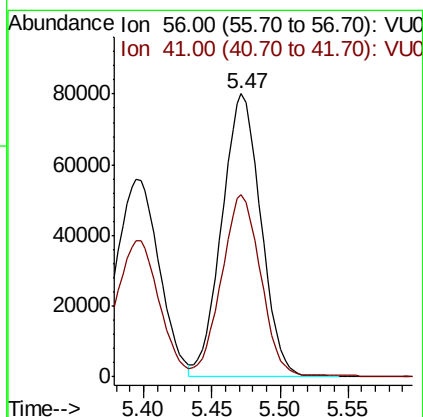
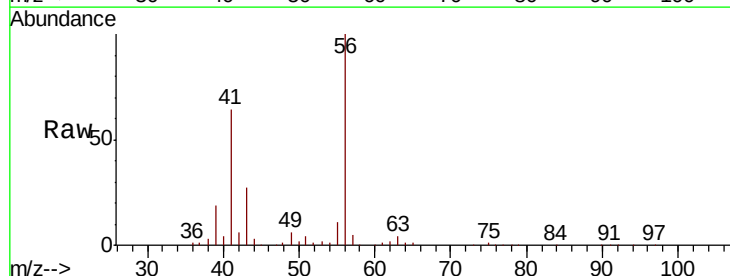
RT: 5.47 min Scan# 1285

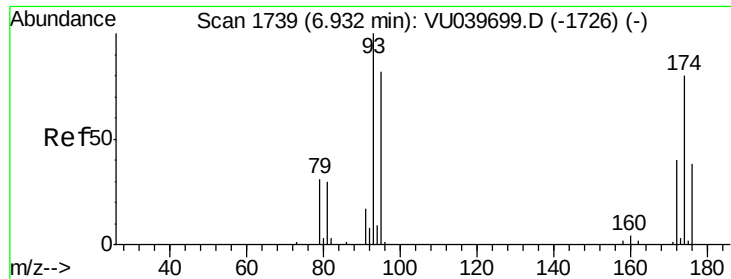
Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Tgt Ion:	56	Resp:	158352
Ion	Ratio	Lower	Upper
56	100		
41	63.6	30.5	91.5





#43

Dibromomethane

Concen: 8.874 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

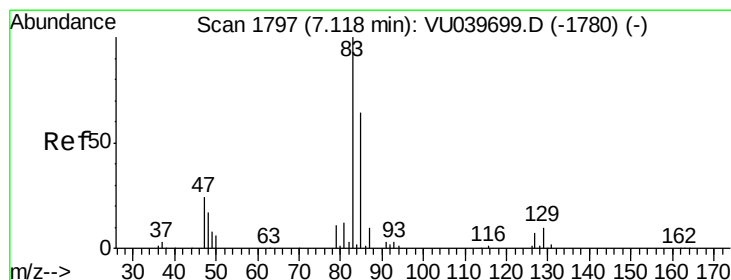
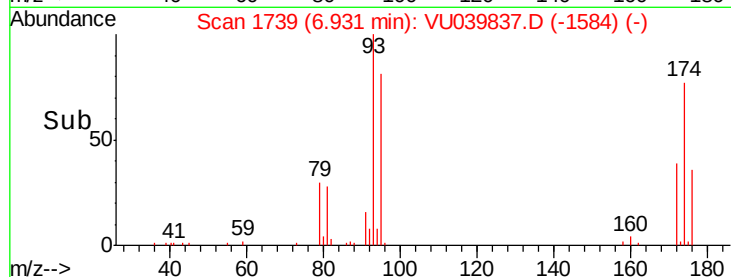
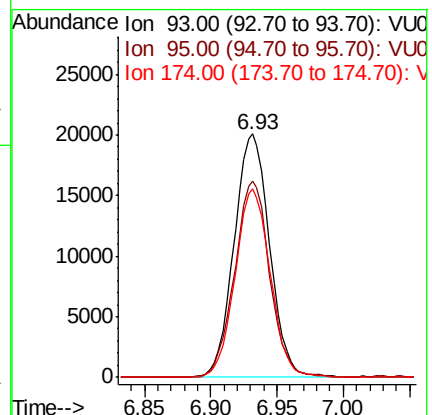
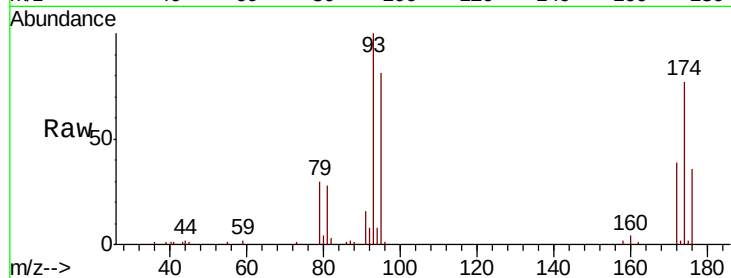
Tot Ion: 93 Resp: 37206

Ion Ratio Lower Upper

93 100

95 80.2 66.6 99.8

174 76.9 62.7 94.1



#44

Bromodichloromethane

Concen: 9.553 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

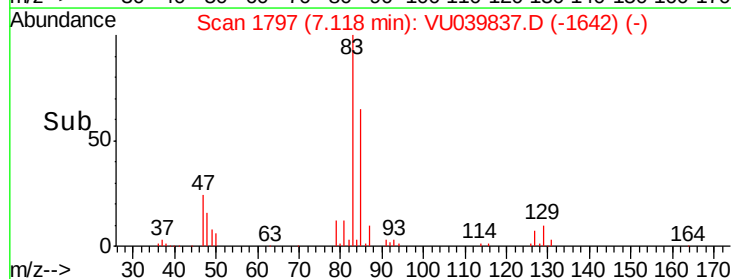
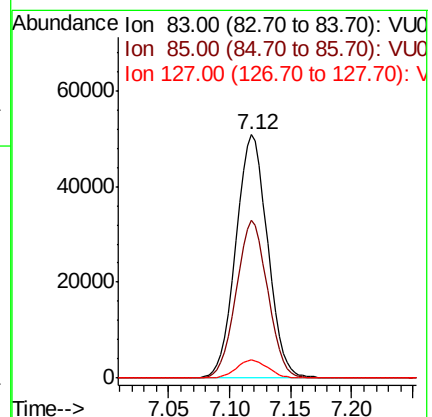
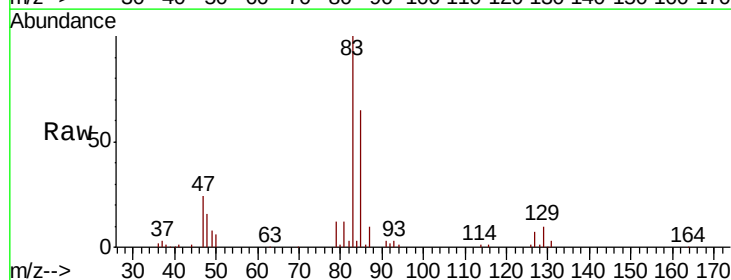
Tgt Ion: 83 Resp: 91841

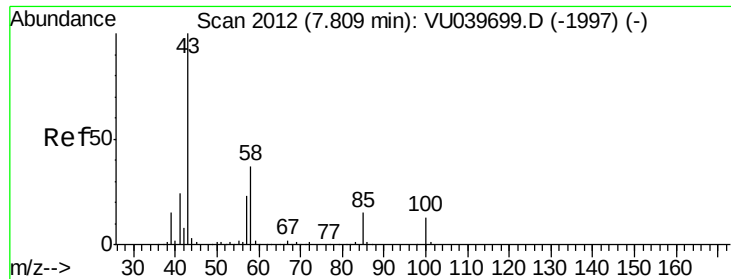
Ion Ratio Lower Upper

83 100

85 64.7 50.8 76.2

127 7.3 5.8 8.6

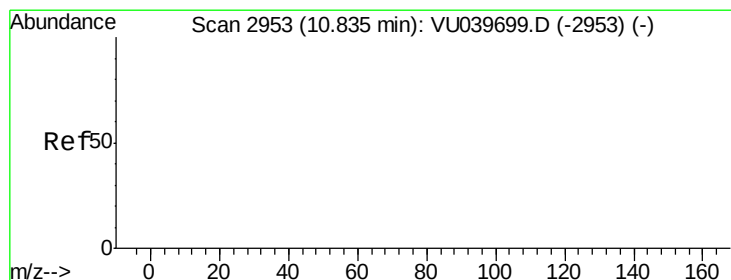
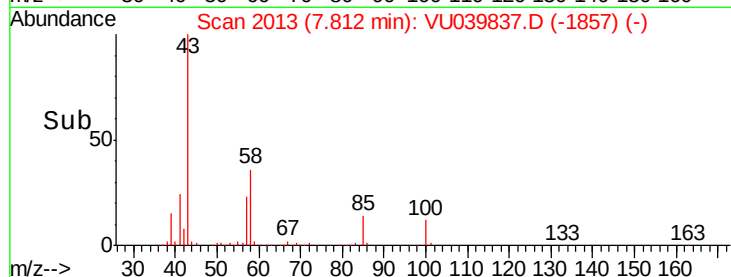
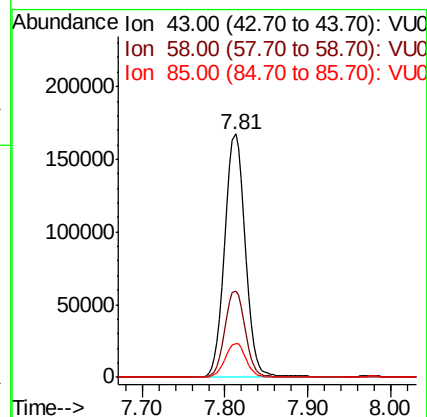
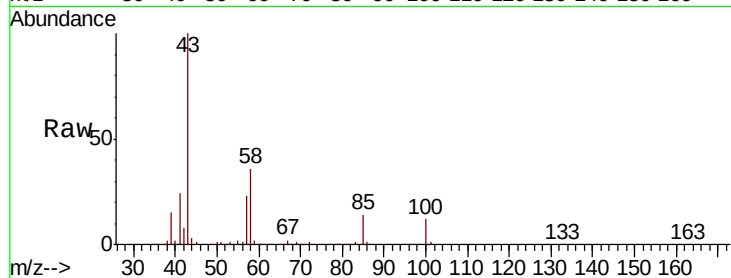




#45
4-Methyl-2-Pentanone
Concen: 45.296 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

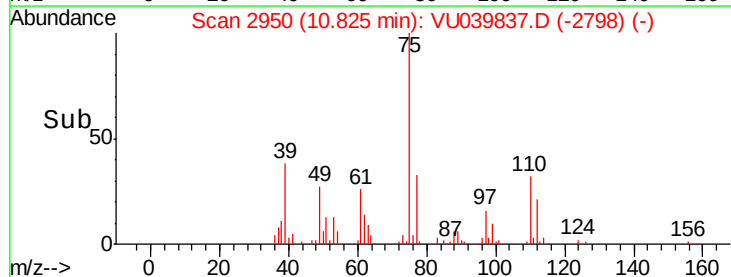
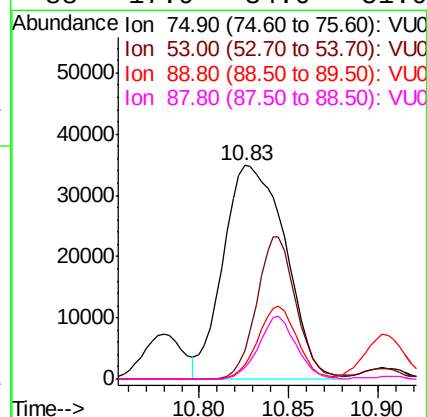
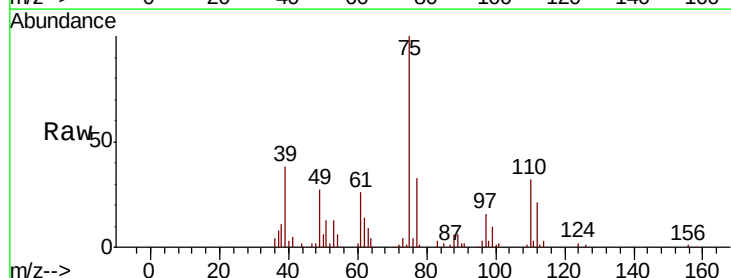
Instrument :
MSVOA_U
ClientSampleId :

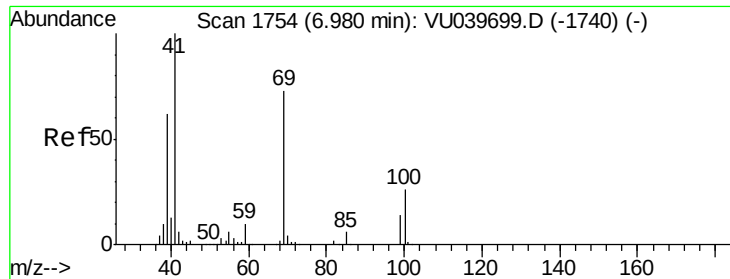
Tot Ion: 43 Resp: 287700
Ion Ratio Lower Upper
43 100
58 35.4 18.4 55.0
85 14.1 11.8 17.6



#46
t-1,4-Dichloro-2-butene
Concen: 44.745 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 75 Resp: 84528
Ion Ratio Lower Upper
75 100
53 42.5 78.6 118.0#
89 21.7 40.3 60.5#
88 17.9 34.0 51.0#





#47

Methvl methacrylate

Concen: 18.412 ug/l

RT: 6.98 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 72006

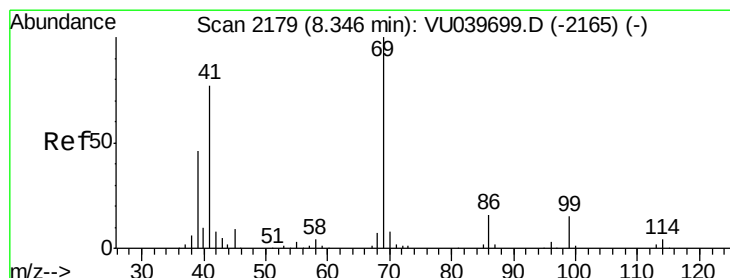
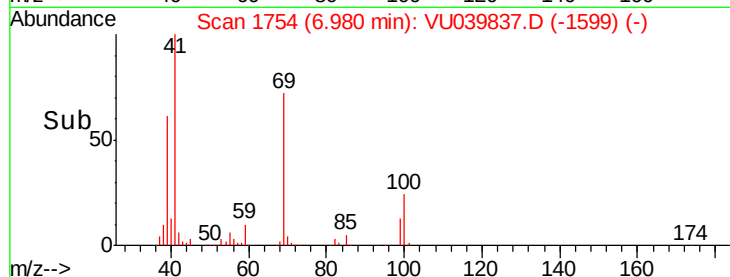
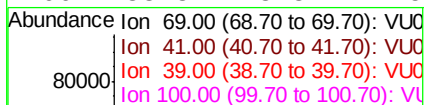
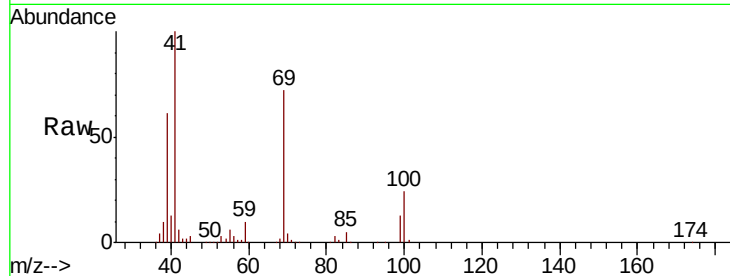
Ion Ratio Lower Upper

69 100

41 138.3 0.0 271.6

39 84.2 67.4 101.2

100 33.8 28.3 42.5



#48

Ethyl methacrylate

Concen: 9.150 ug/l

RT: 8.35 min Scan# 2179

Delta R.T. -0.00 min

Lab File: VU039837.D

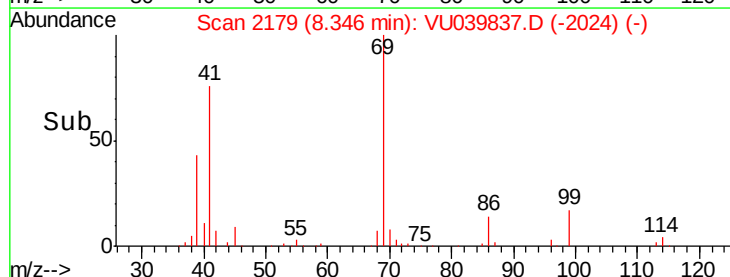
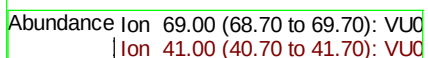
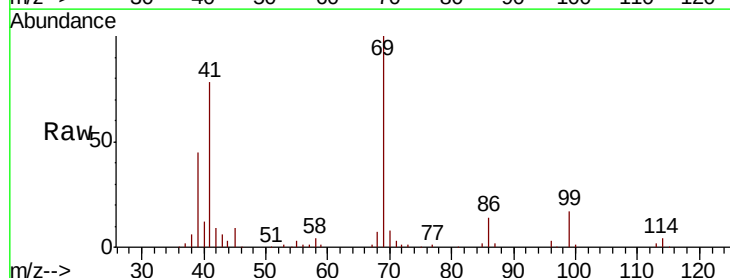
Acq: 12 Aug 2020 10:22

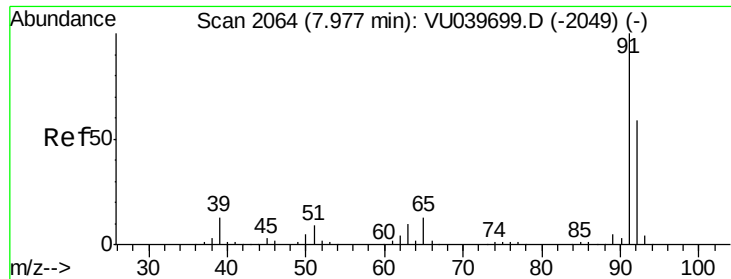
Tgt Ion: 69 Resp: 65860

Ion Ratio Lower Upper

69 100

41 78.1 39.1 117.5





#49

Toluene

Concen: 9.027 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

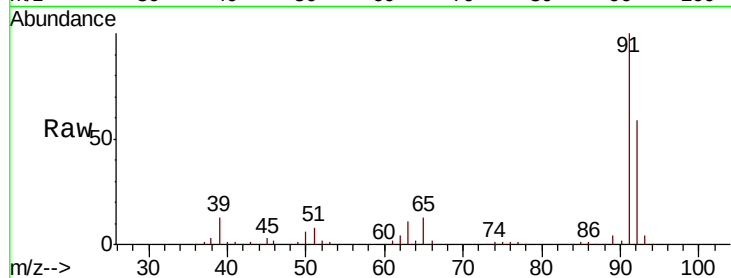
ClientSampleId :

Tot Ion: 92 Resp: 151897

Ion Ratio Lower Upper

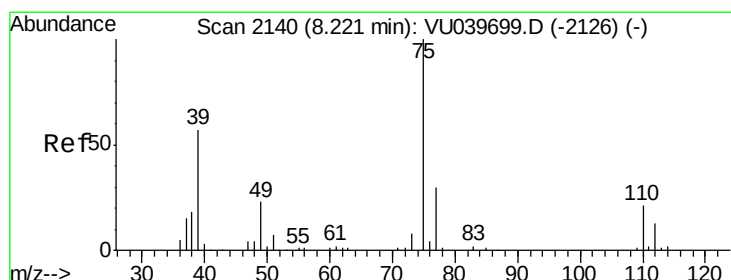
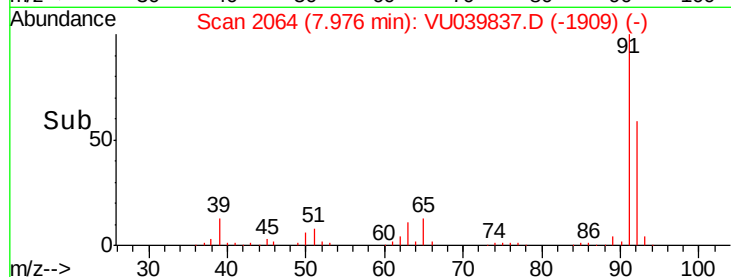
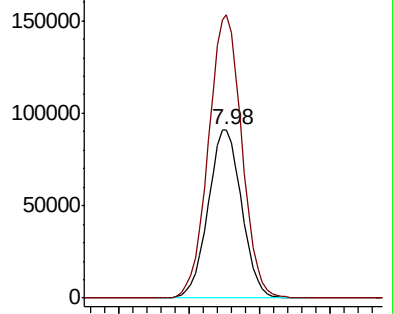
92 100

91 167.4 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2049) (-)



#50

t-1,3-Dichloropropene

Concen: 9.761 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039837.D

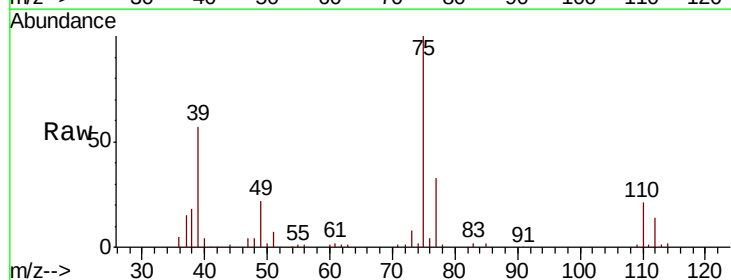
Acq: 12 Aug 2020 10:22

Tgt Ion: 75 Resp: 84513

Ion Ratio Lower Upper

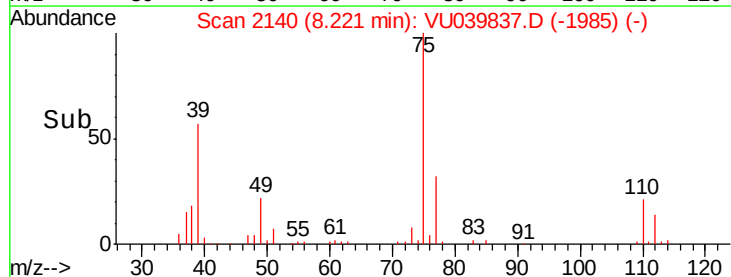
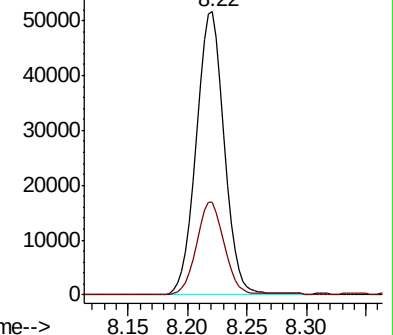
75 100

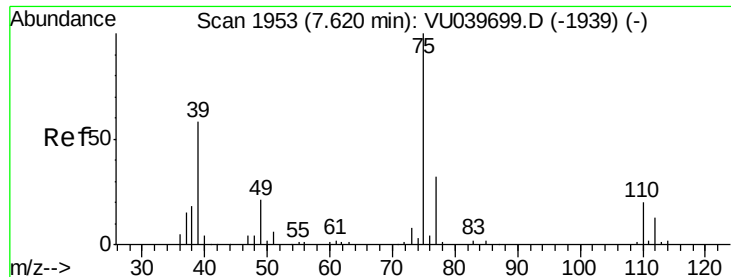
77 32.6 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2126) (-)



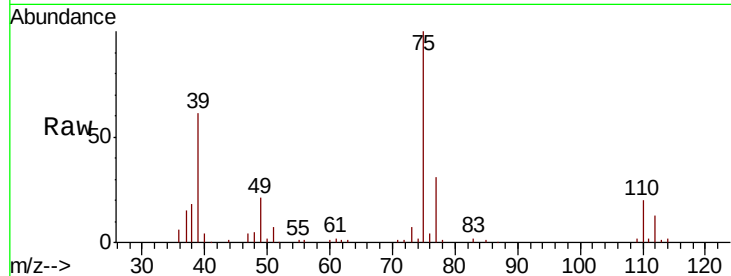


#51

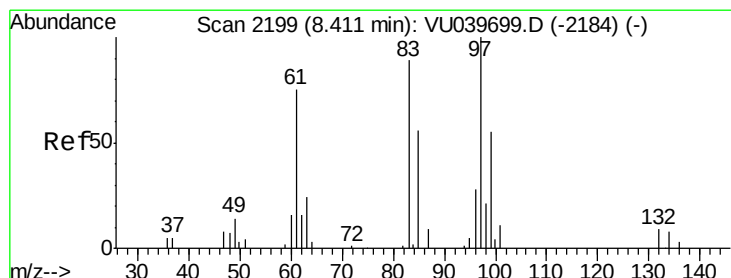
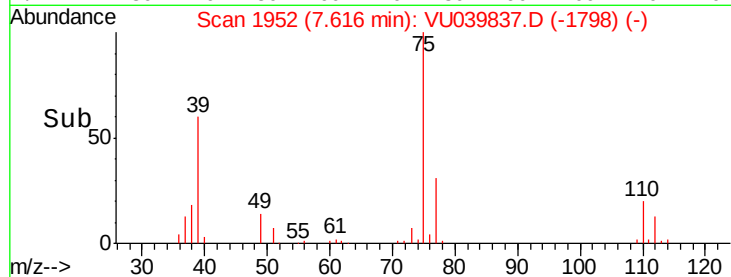
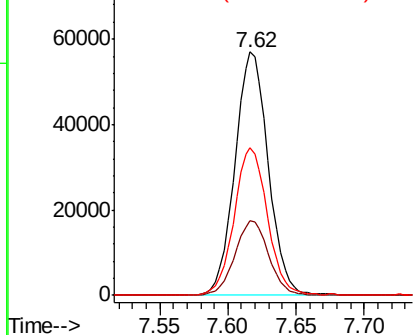
cis-1,3-Dichloropropene
 Concen: 9.497 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 96650
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5
 39 60.6 46.1 69.1



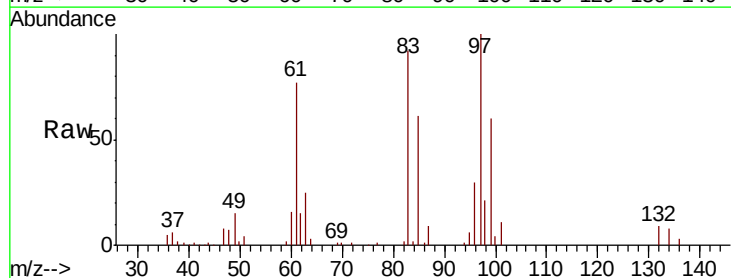
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



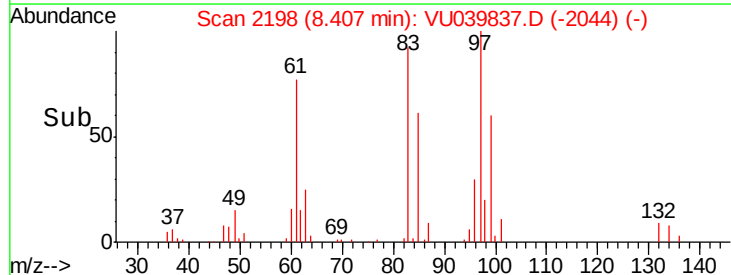
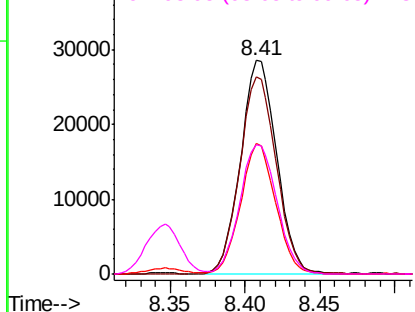
#52

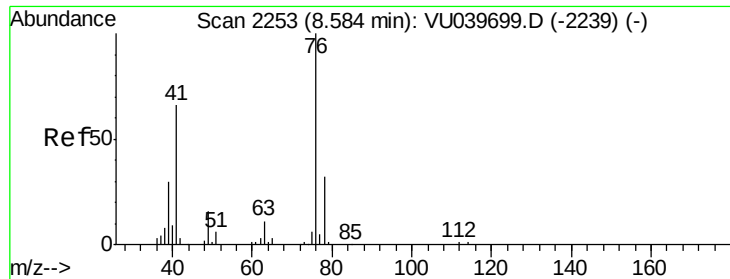
1,1,2-Trichloroethane
 Concen: 8.842 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 97 Resp: 48168
 Ion Ratio Lower Upper
 97 100
 83 92.3 71.3 106.9
 85 61.1 45.4 68.2
 99 60.5 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: 8.785 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

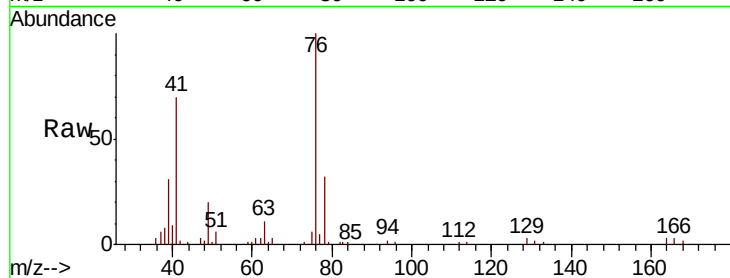
ClientSampleId :

Tot Ion: 76 Resp: 91887

Ion Ratio Lower Upper

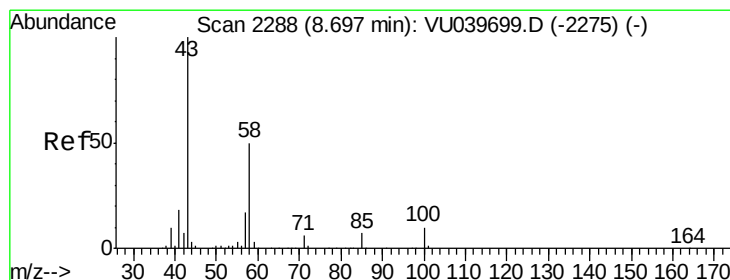
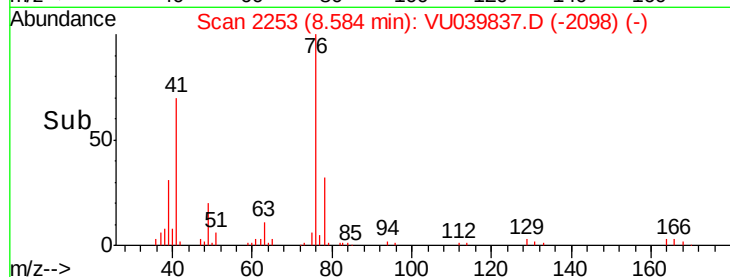
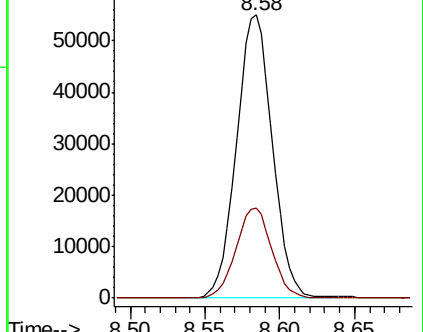
76 100

78 31.7 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU039699.D (-2239) (-)

Ion 78.00 (77.70 to 78.70): VU039699.D (-2239) (-)



#54

2-Hexanone

Concen: 45.390 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

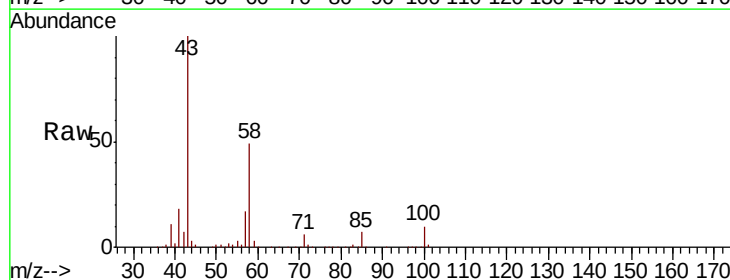
Tgt Ion: 43 Resp: 206414

Ion Ratio Lower Upper

43 100

58 48.8 29.9 69.9

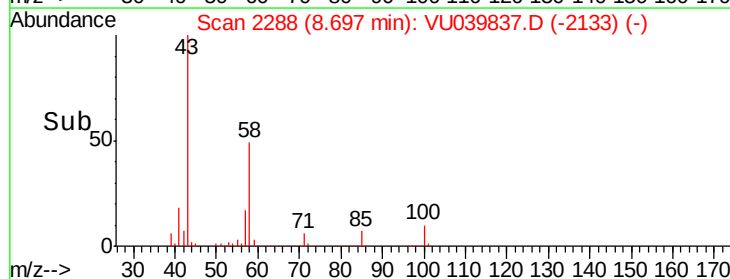
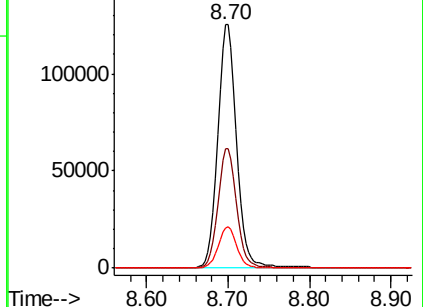
57 16.7 0.0 37.2

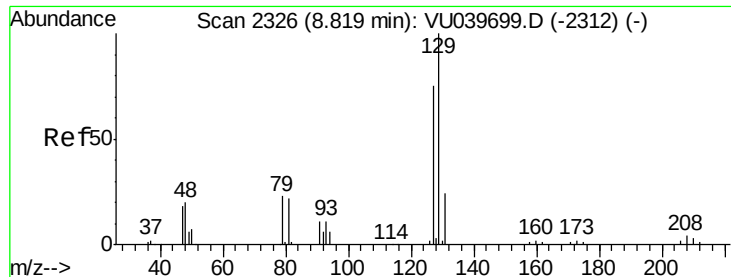


Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-2275) (-)

Ion 58.00 (57.70 to 58.70): VU039699.D (-2275) (-)

Ion 57.00 (56.70 to 57.70): VU039699.D (-2275) (-)

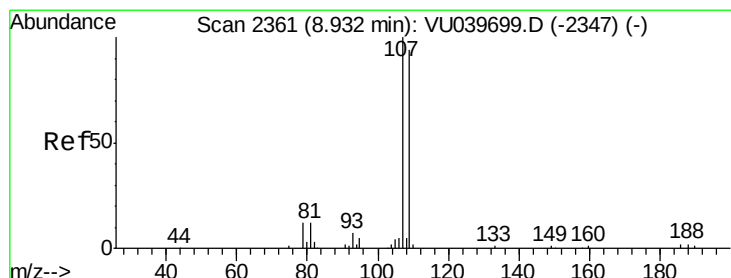
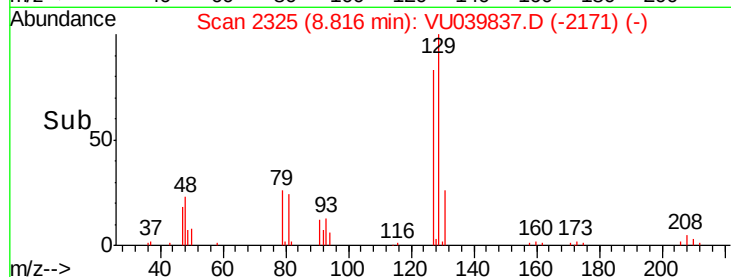
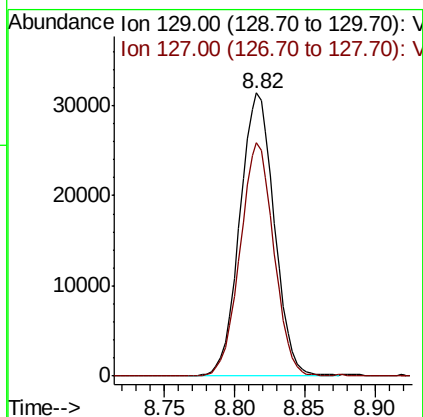
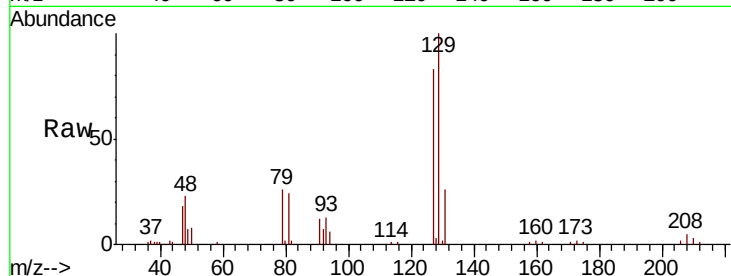




#55
 Dibromochloromethane
 Concen: 9.189 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

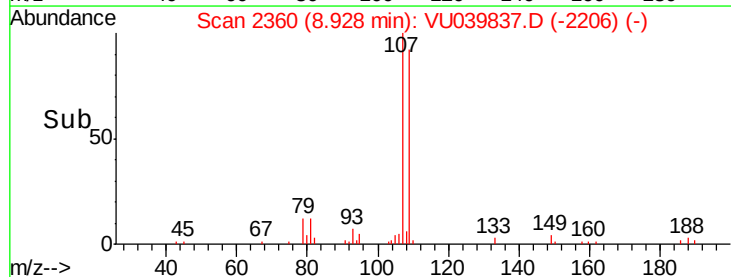
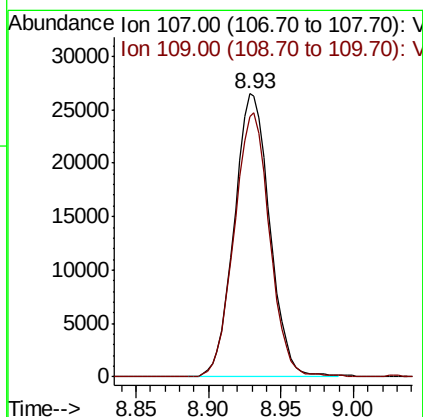
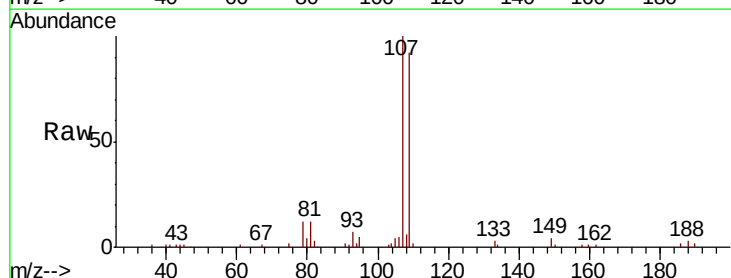
Instrument :
 MSVOA_U
 ClientSampleId :

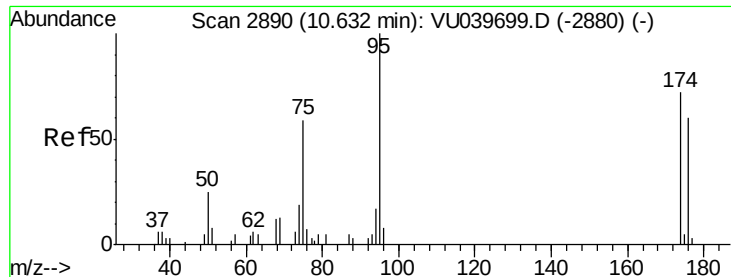
Tot Ion:129 Resp: 53756
 Ion Ratio Lower Upper
 129 100
 127 80.4 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 8.596 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion:107 Resp: 45123
 Ion Ratio Lower Upper
 107 100
 109 93.0 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 1.099 ug/l

RT: 10.63 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

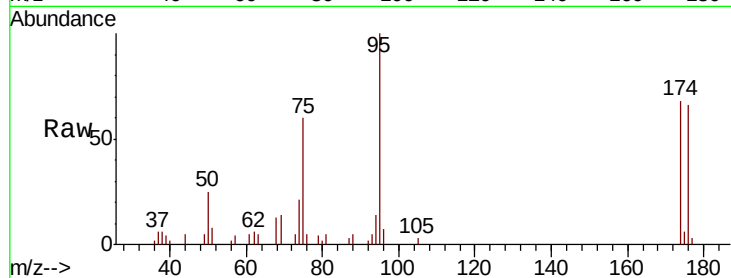
Tot Ion: 95 Resp: 9709

Ion Ratio Lower Upper

95 100

174 72.1 57.0 85.4

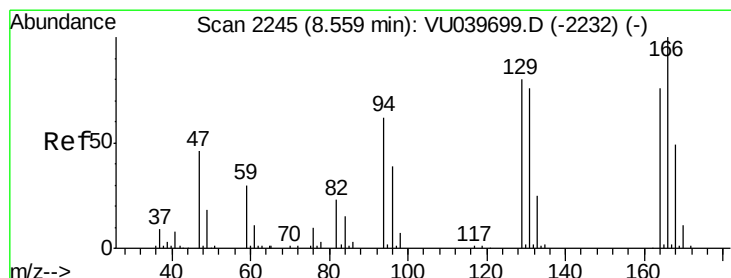
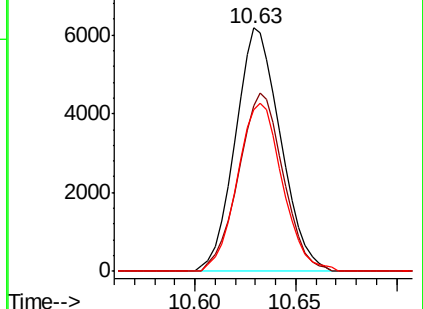
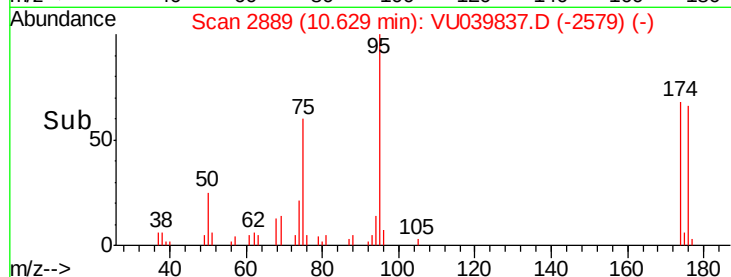
176 68.6 50.2 75.2



Abundance Ion 95.00 (94.70 to 95.70): VU039837.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU039837.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU039837.D (-2579) (-)



#58

Tetrachloroethene

Concen: 9.256 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Tgt Ion: 164 Resp: 52411

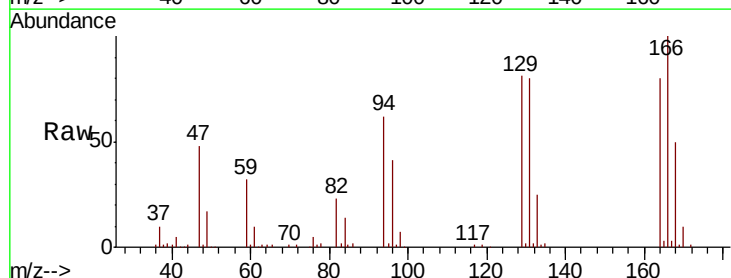
Ion Ratio Lower Upper

164 100

166 125.6 104.8 157.2

129 102.0 84.1 126.1

131 100.1 80.1 120.1

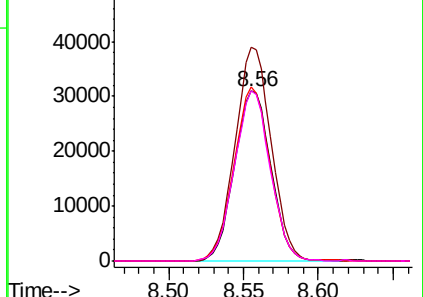
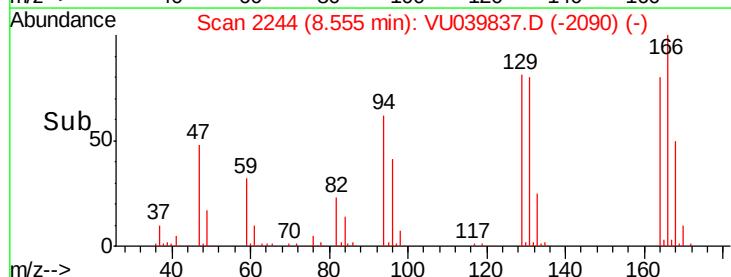


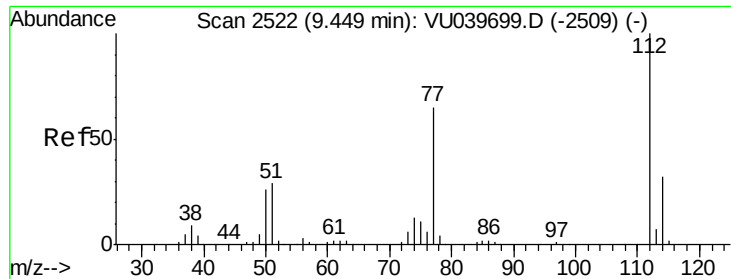
Abundance Ion 163.85 (163.55 to 164.55): VU039837.D (-2090) (-)

Ion 165.80 (165.50 to 166.50): VU039837.D (-2090) (-)

Ion 128.90 (128.60 to 129.60): VU039837.D (-2090) (-)

Ion 130.90 (130.60 to 131.60): VU039837.D (-2090) (-)





#59

Chlorobenzene

Concen: 9.099 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

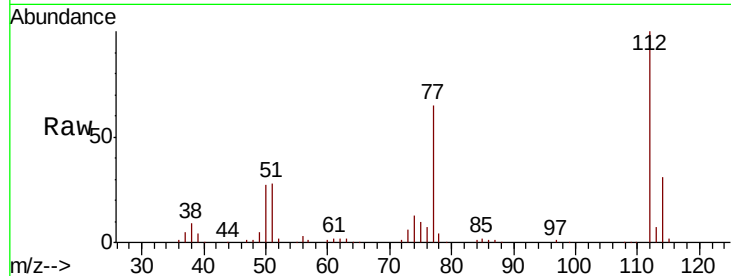
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:112 Resp: 158325

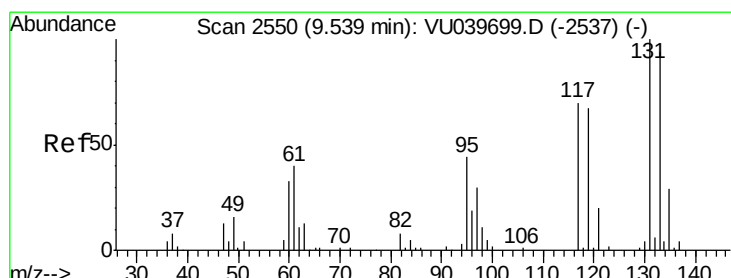
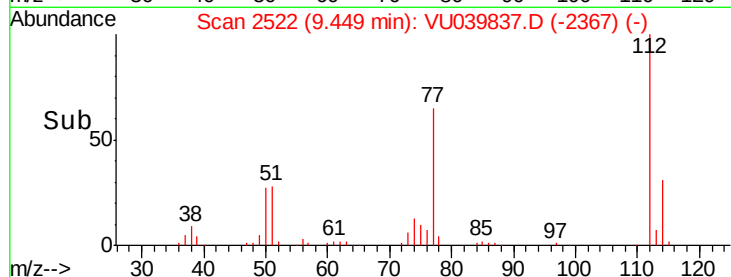
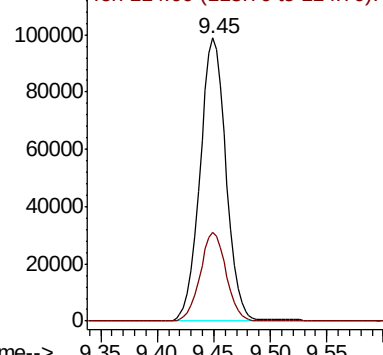
Ion Ratio Lower Upper

112 100

114 31.4 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: 9.387 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

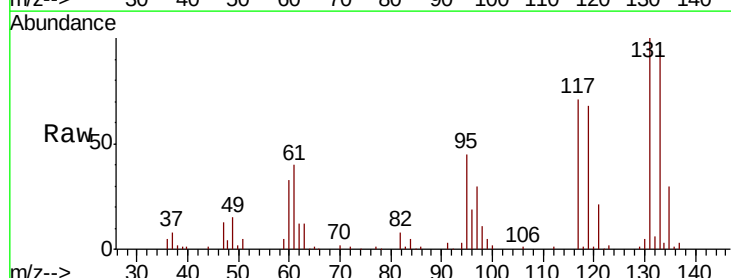
Tgt Ion:131 Resp: 55074

Ion Ratio Lower Upper

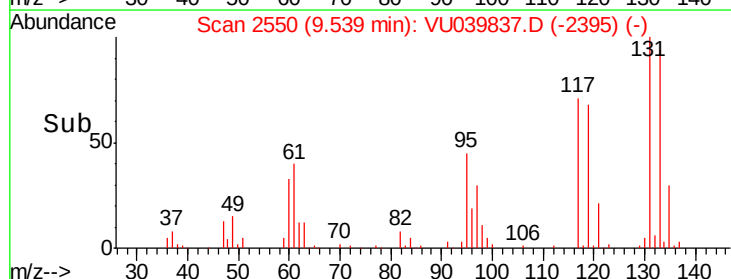
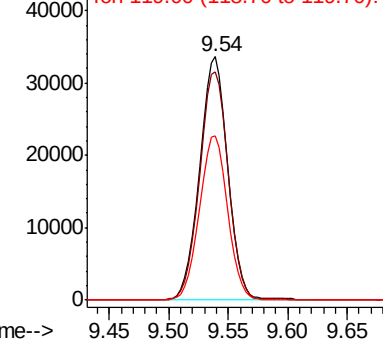
131 100

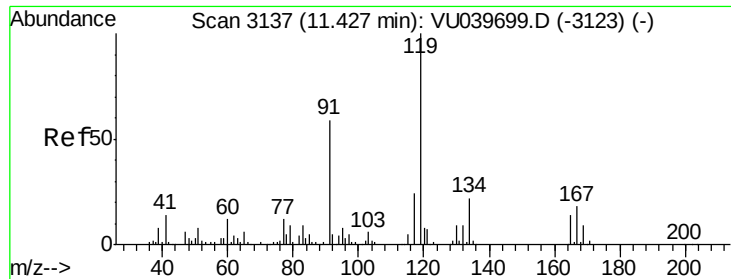
133 95.6 75.8 113.8

119 67.7 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

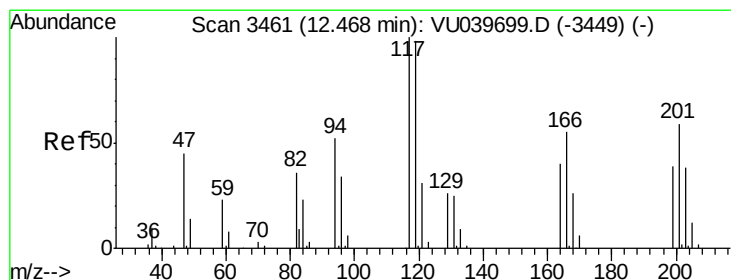
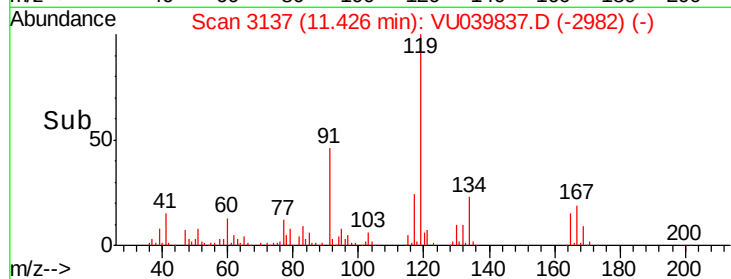
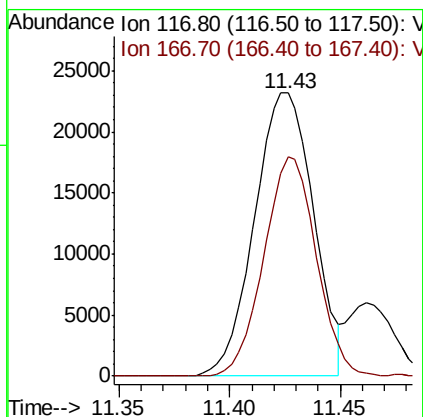
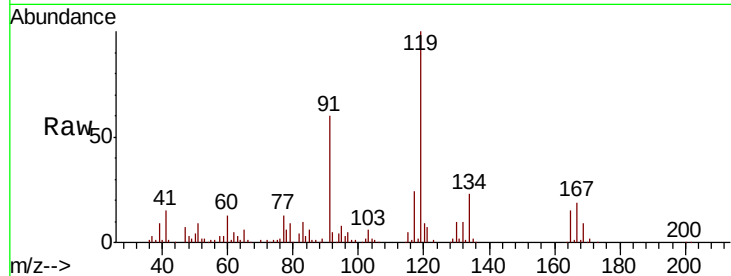




#61
 Pentachloroethane
 Concen: 8.319 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

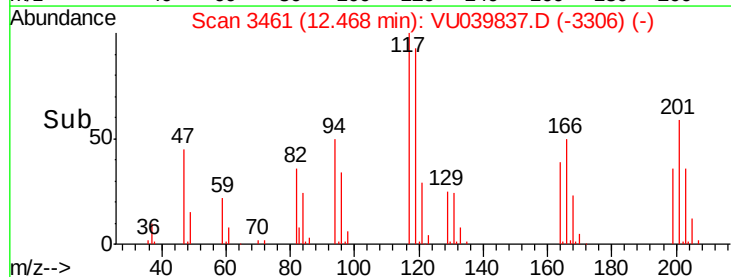
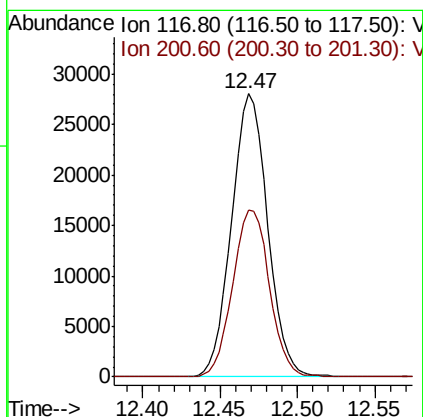
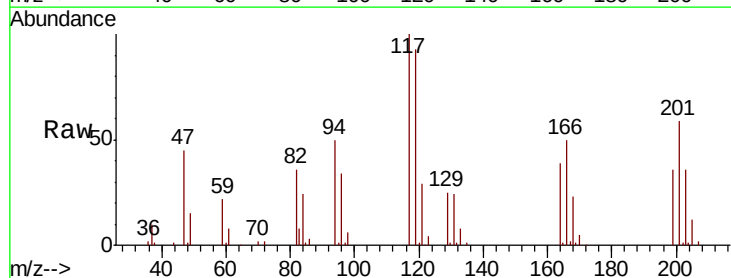
Instrument :
 MSVOA_U
 ClientSampled :

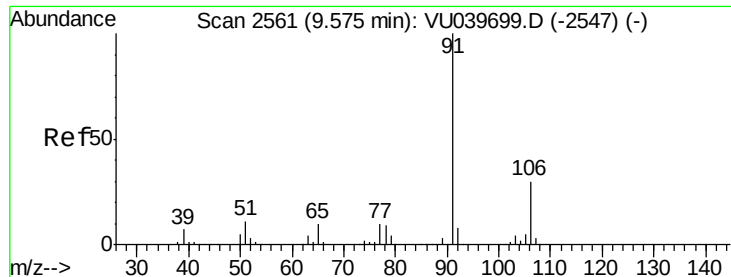
Tot Ion:117 Resp: 42883
 Ion Ratio Lower Upper
 117 100
 167 69.0 56.6 85.0



#62
 Hexachloroethane
 Concen: 9.618 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion:117 Resp: 45441
 Ion Ratio Lower Upper
 117 100
 201 60.1 48.1 72.1

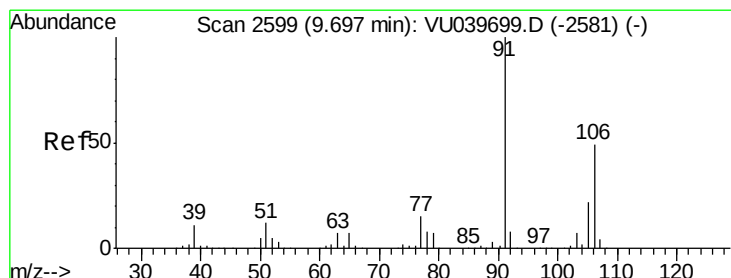
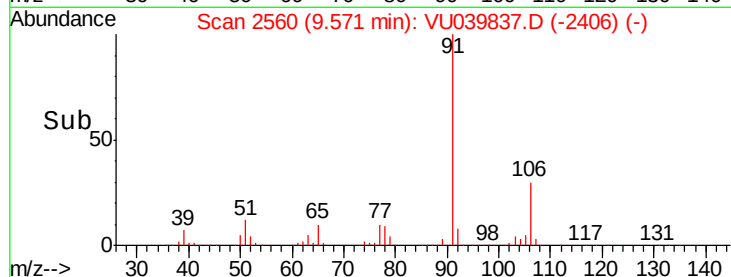
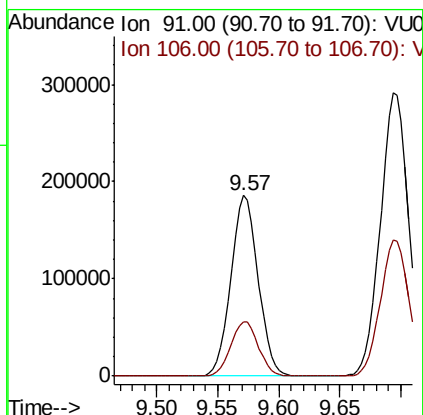
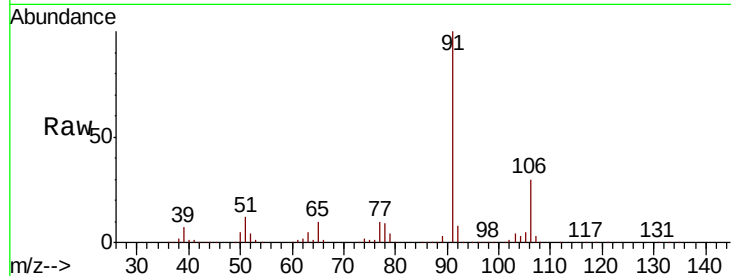




#63
Ethyl Benzene
Concen: 9.312 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

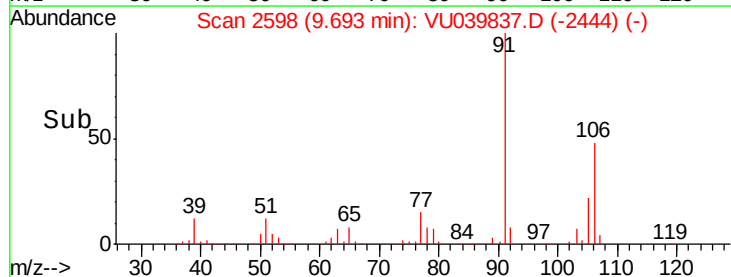
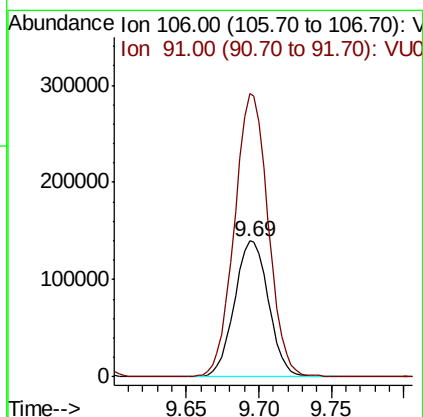
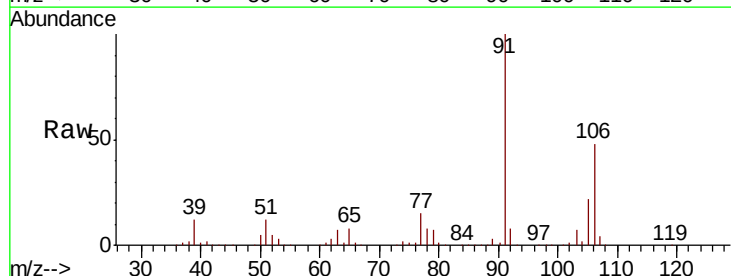
Instrument :
MSVOA_U
ClientSampled :

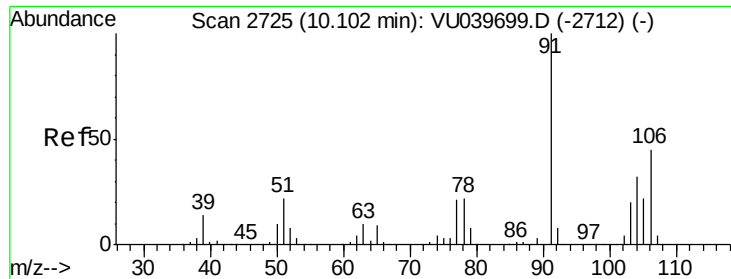
Tot Ion: 91 Resp: 290390
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#64
m/p-Xylenes
Concen: 18.772 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 106 Resp: 228713
Ion Ratio Lower Upper
106 100
91 205.0 163.9 245.9

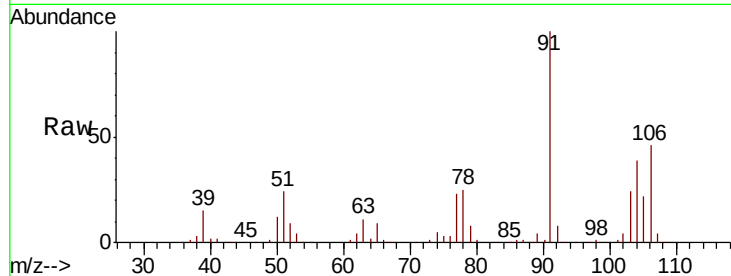




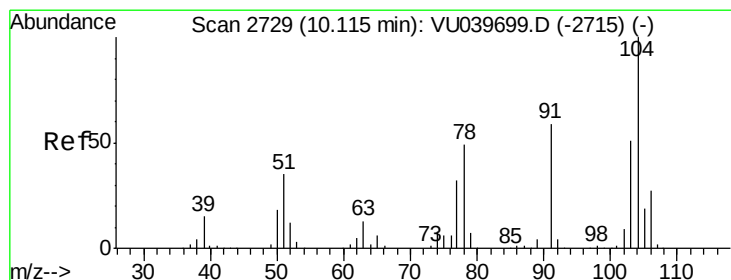
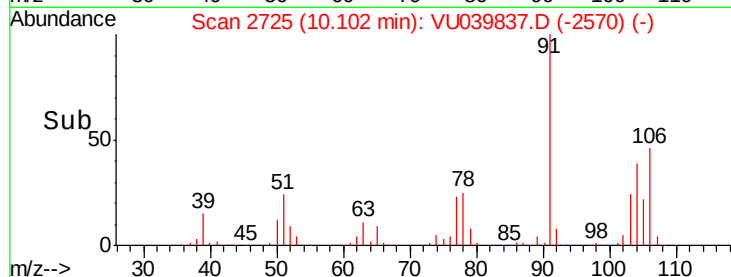
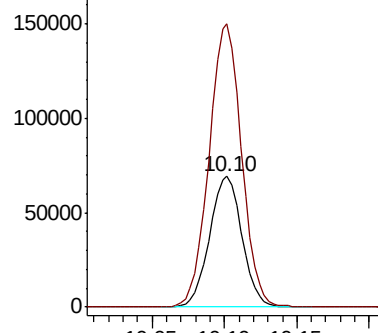
#65
o-Xylene
Concen: 9.318 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 107783
Ion Ratio Lower Upper
106 100
91 216.5 110.3 331.0

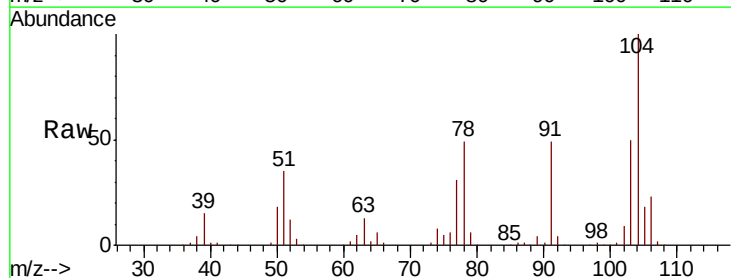


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

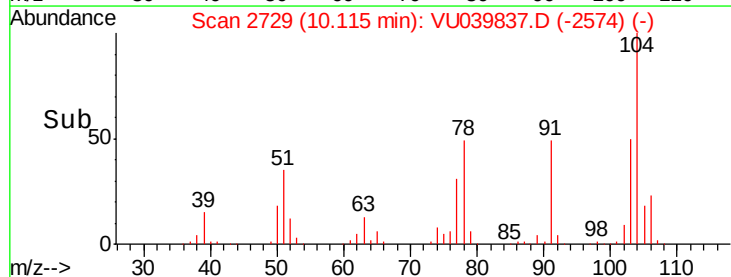
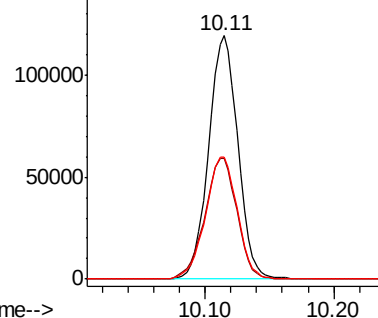


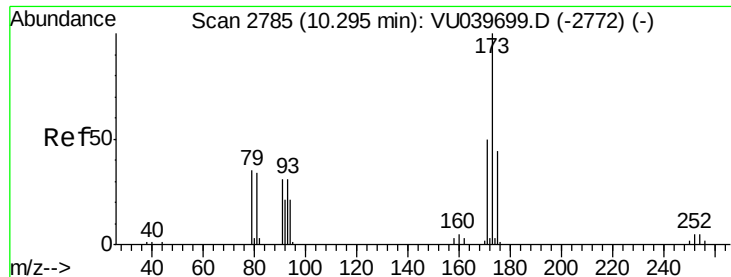
#66
Styrene
Concen: 9.495 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion:104 Resp: 188232
Ion Ratio Lower Upper
104 100
78 54.5 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: 9.478 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampled :

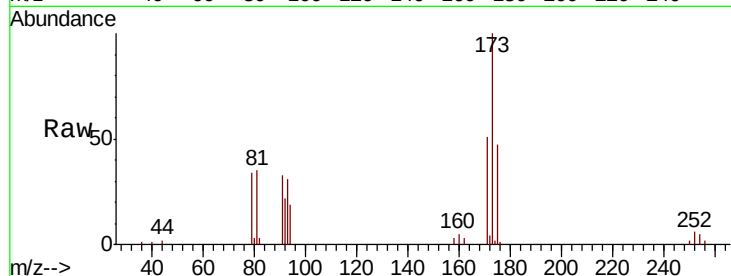
Tot Ion:173 Resp: 28284

Ion Ratio Lower Upper

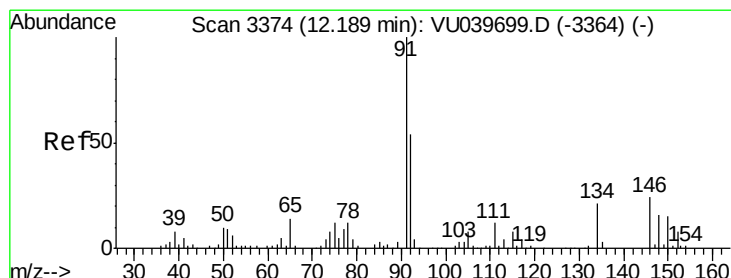
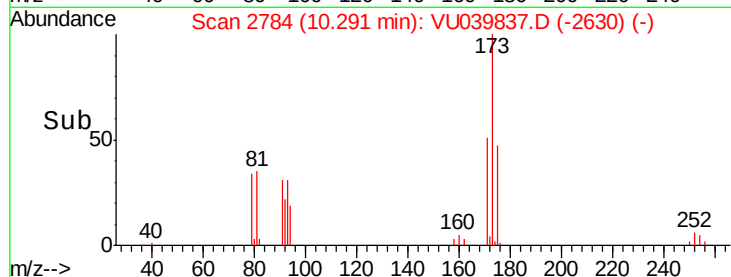
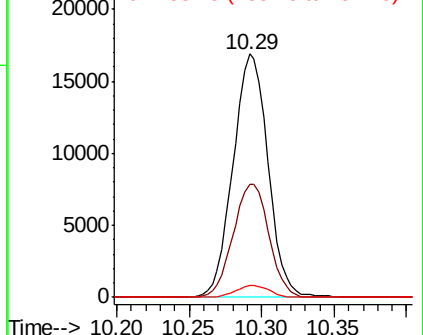
173 100

175 47.5 36.7 55.1

254 4.6 3.8 5.8



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.935 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

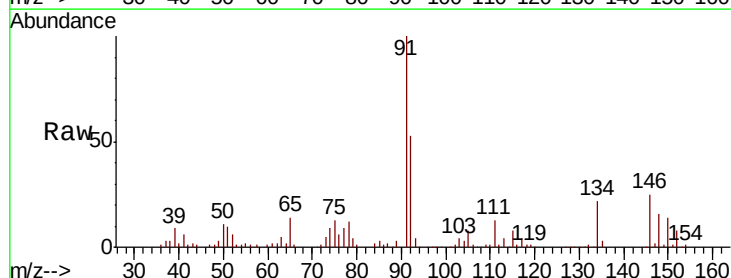
Tgt Ion:152 Resp: 8083

Ion Ratio Lower Upper

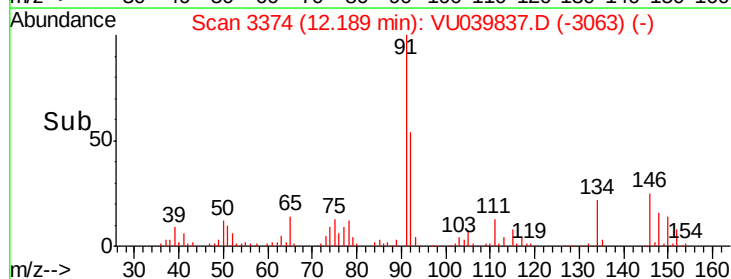
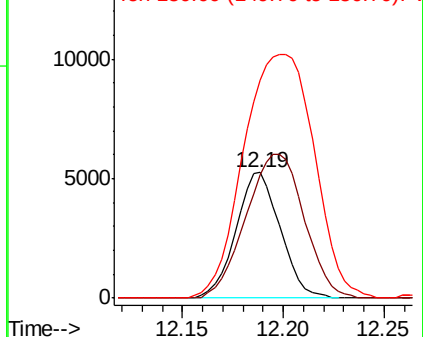
152 100

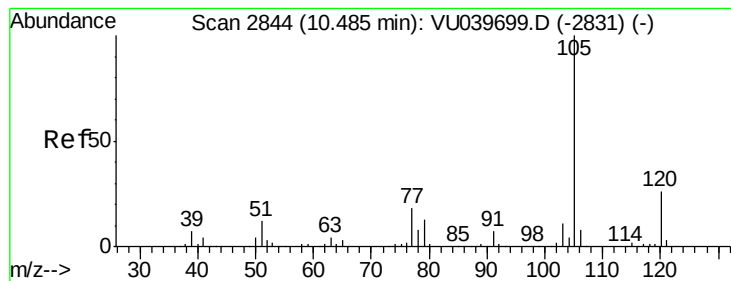
115 150.0 0.0 302.4

150 307.3 0.0 645.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 9.252 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

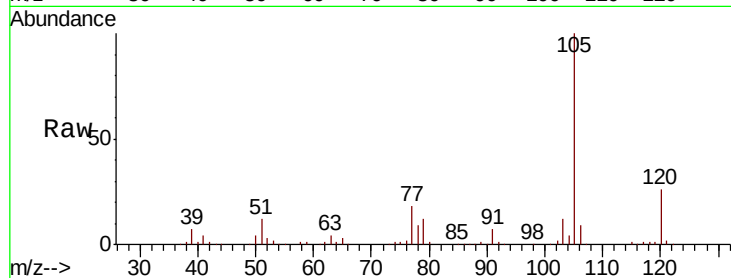
ClientSampleId :

Tot Ion:105 Resp: 285860

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

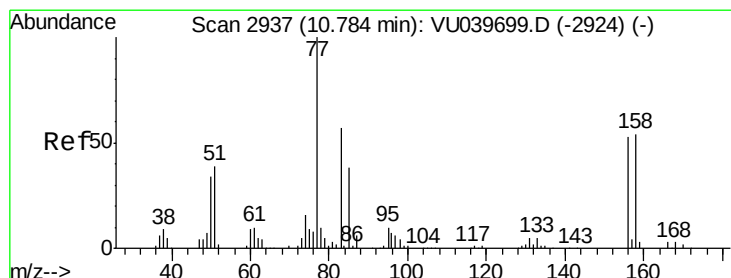
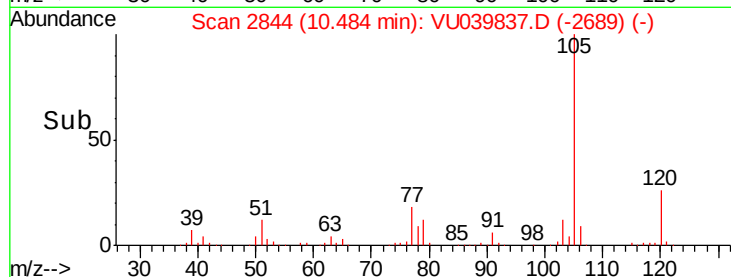
50000

0

10.40

10.50

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 8.591 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

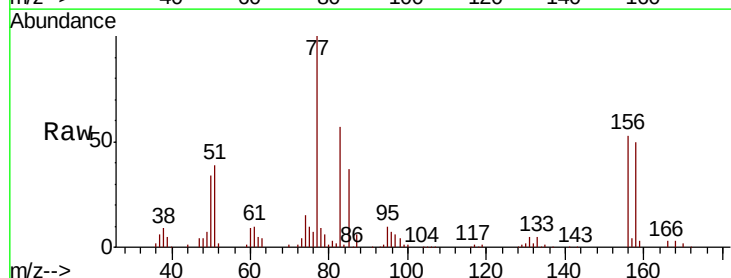
Tgt Ion: 83 Resp: 67372

Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

85 64.3 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

50000

40000

30000

20000

10000

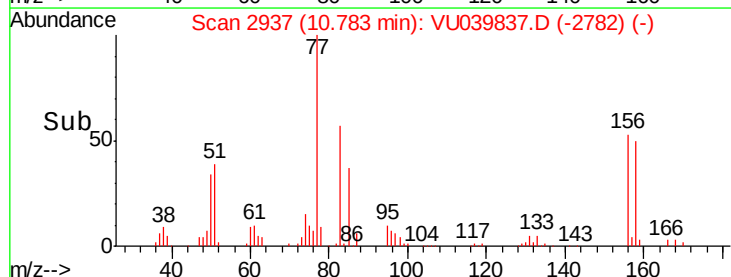
0

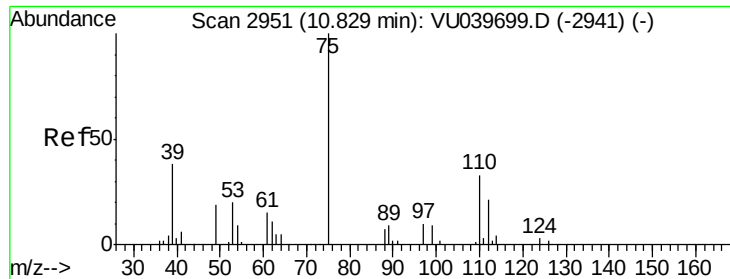
10.70

10.80

10.90

Time-->

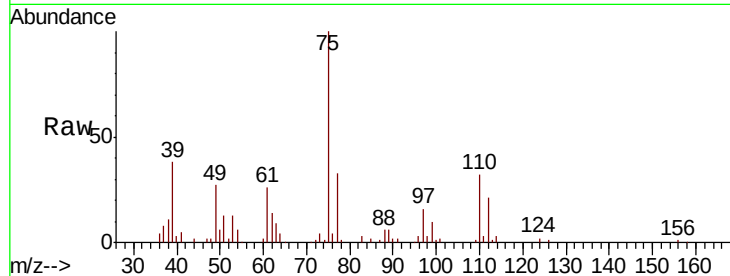




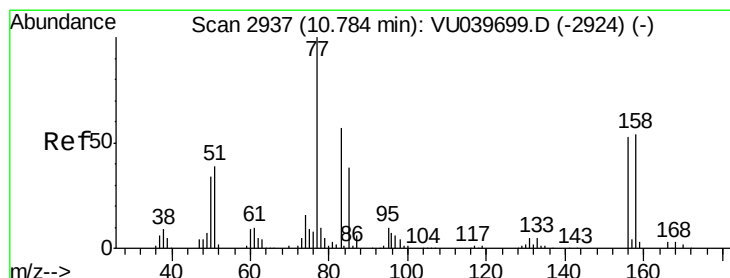
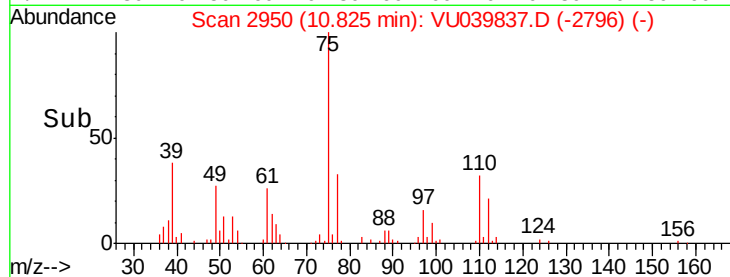
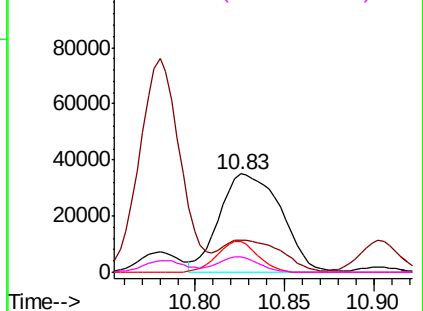
#71
 1,2,3-Trichloropropane
 Concen: 14.308 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	75	Resp:	84528
Ion	Ratio	Lower	Upper
75	100		
77	31.2	0.0	91.0
110	20.7	0.0	64.2
97	10.2	0.0	32.6

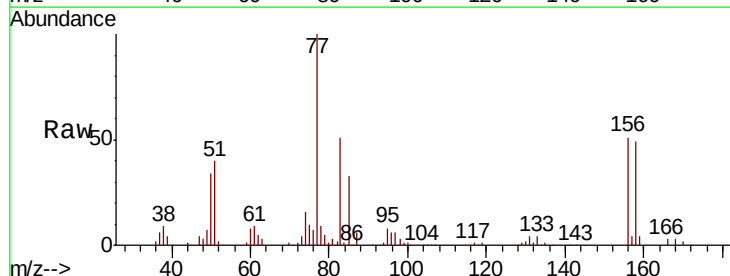


Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2941) (-)
 Ion 77.00 (76.70 to 77.70): VU039699.D (-2941) (-)
 Ion 110.00 (109.70 to 110.70): VU039699.D (-2941) (-)
 Ion 97.00 (96.70 to 97.70): VU039699.D (-2941) (-)

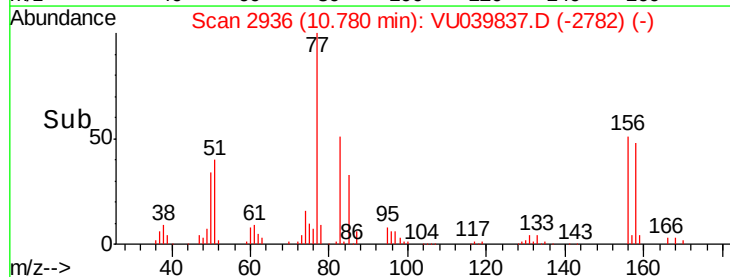
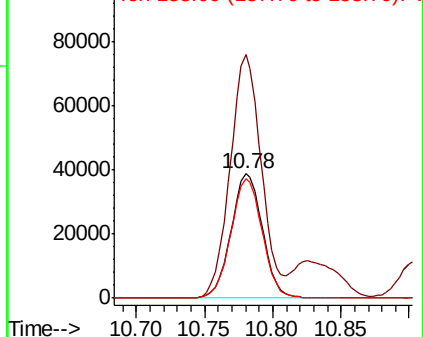


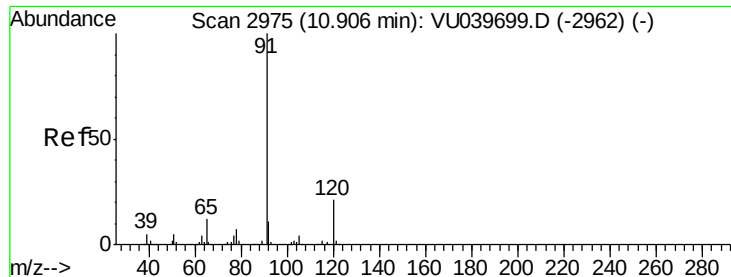
#72
 Bromobenzene
 Concen: 8.837 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion:	156	Resp:	62010
Ion	Ratio	Lower	Upper
156	100		
77	195.4	0.0	385.2
158	95.7	0.0	200.8



Abundance Ion 156.00 (155.70 to 156.70): VU039699.D (-2924) (-)
 Ion 77.00 (76.70 to 77.70): VU039699.D (-2924) (-)
 Ion 158.00 (157.70 to 158.70): VU039699.D (-2924) (-)





#73

n-propylbenzene

Concen: 9.336 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

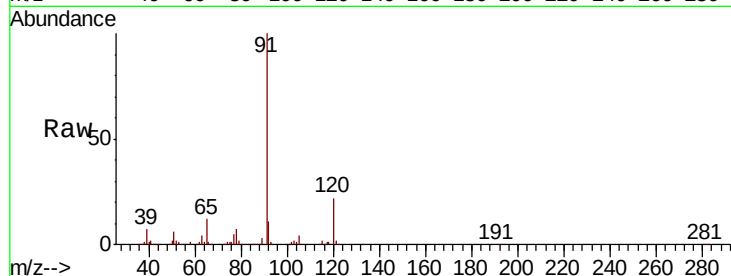
ClientSampled :

Tot Ion:120 Resp: 81105

Ion Ratio Lower Upper

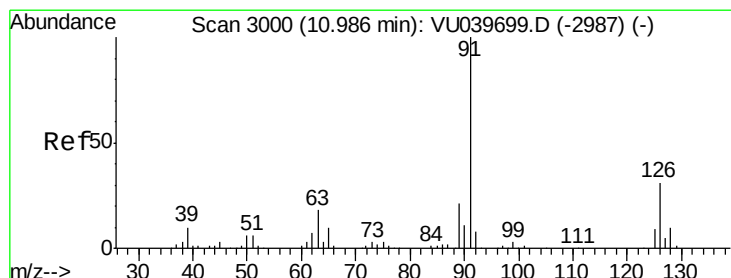
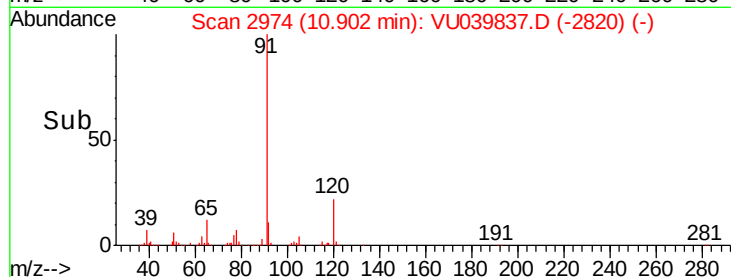
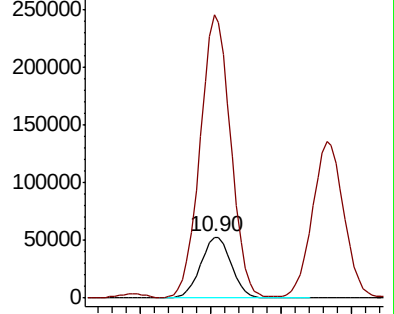
120 100

91 457.5 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 8.870 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU039837.D

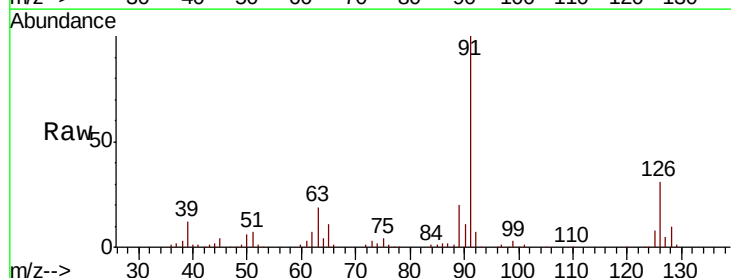
Acq: 12 Aug 2020 10:22

Tgt Ion:126 Resp: 65092

Ion Ratio Lower Upper

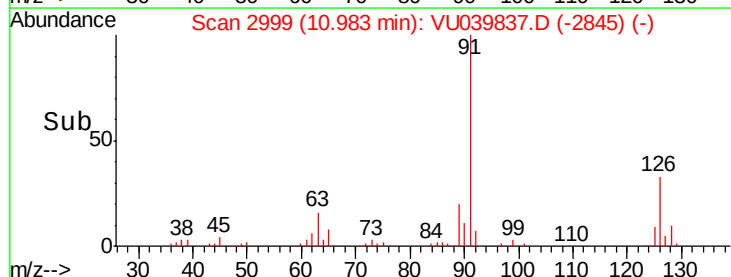
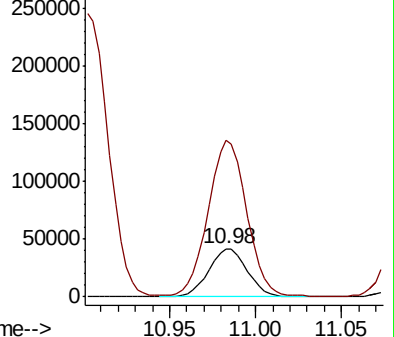
126 100

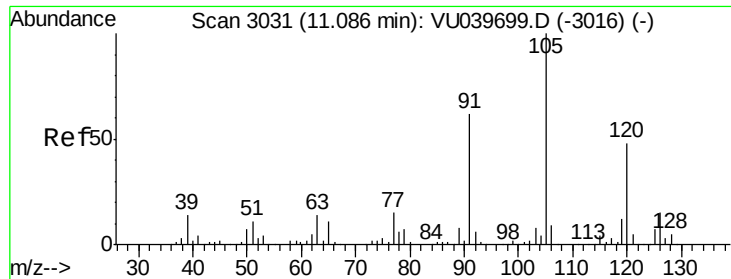
91 323.7 0.0 637.0



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: 9.332 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

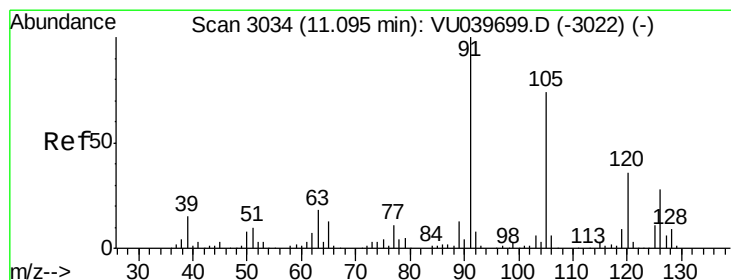
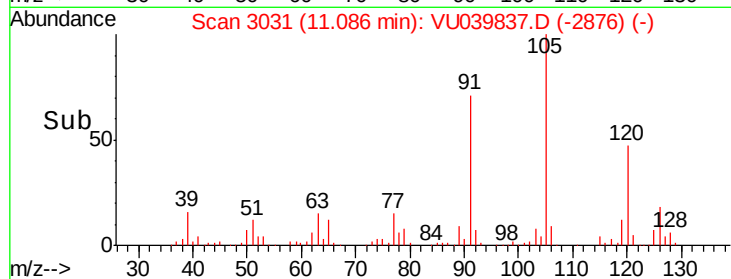
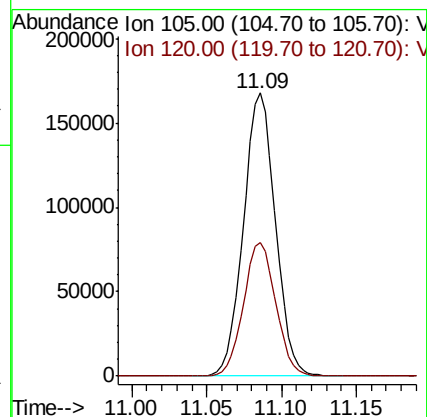
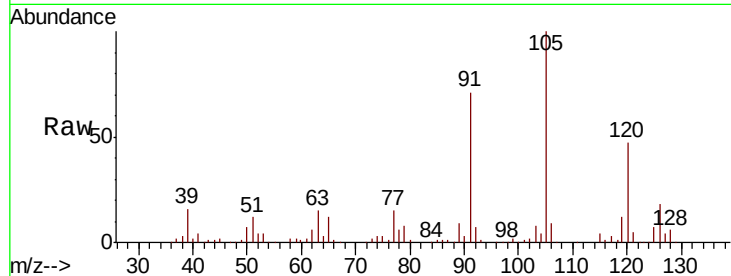
ClientSampled :

Tot Ion:105 Resp: 249254

Ion Ratio Lower Upper

105 100

120 47.6 38.0 57.0



#76

4-Chlorotoluene

Concen: 9.445 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039837.D

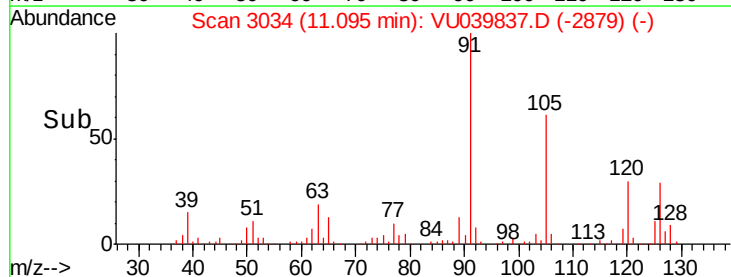
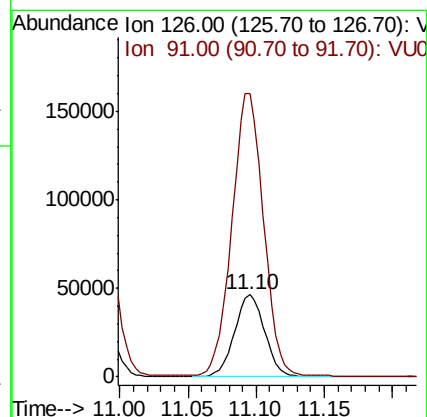
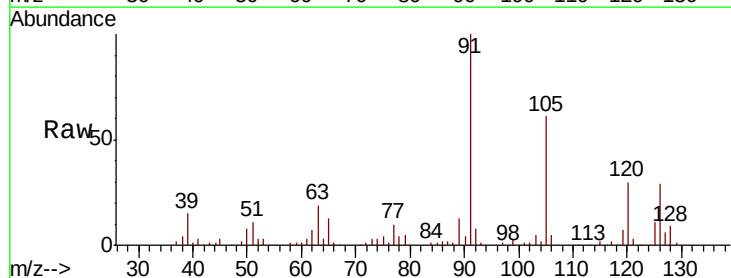
Acq: 12 Aug 2020 10:22

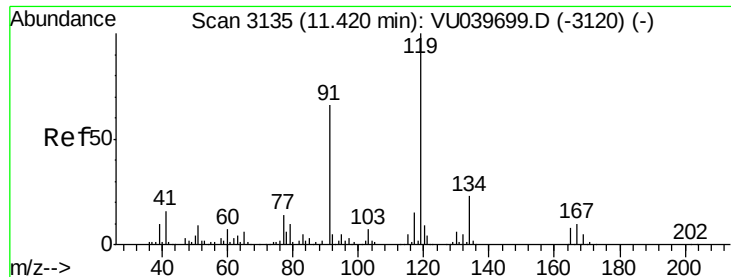
Tgt Ion:126 Resp: 71793

Ion Ratio Lower Upper

126 100

91 358.7 0.0 732.2

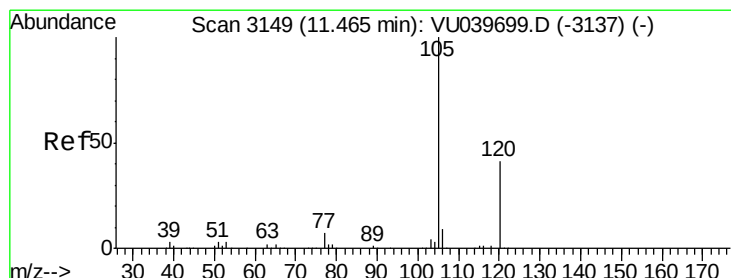
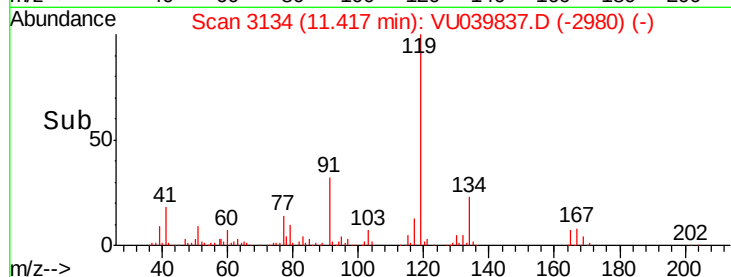
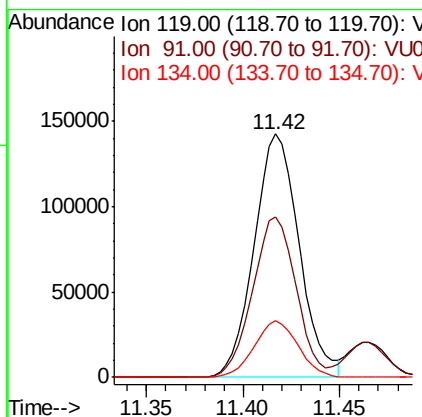
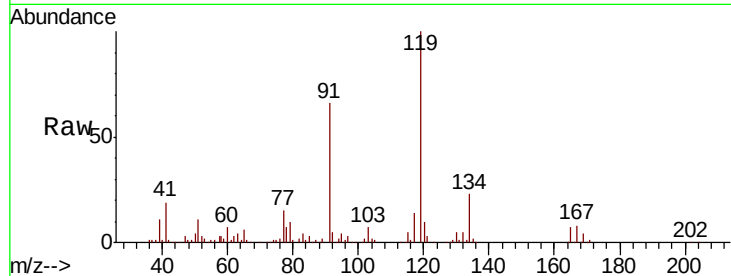




#77
 tert-Butylbenzene
 Concen: 9.041 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

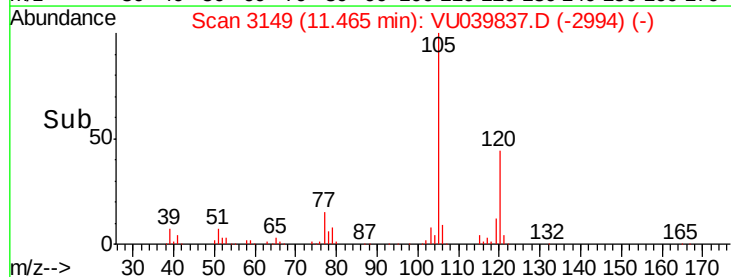
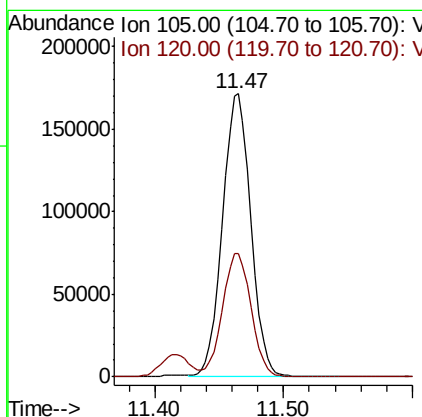
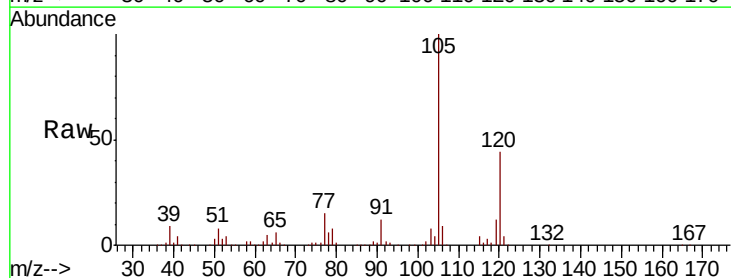
Instrument :
 MSVOA_U
 ClientSampleId :

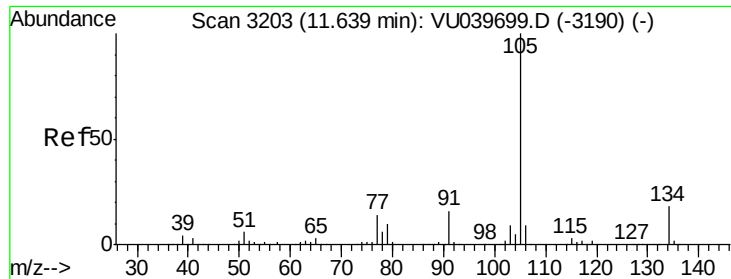
Tot Ion:119 Resp: 231660
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.9 95.5
 134 22.7 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 9.474 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion:105 Resp: 259538
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.7 68.0

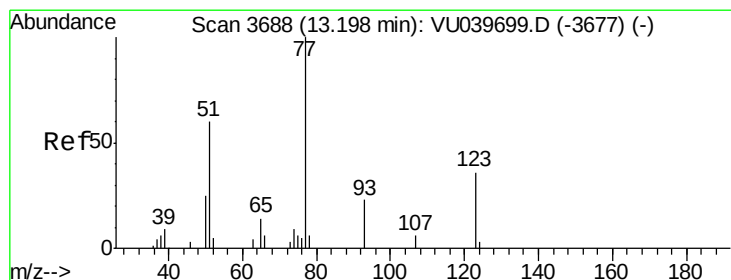
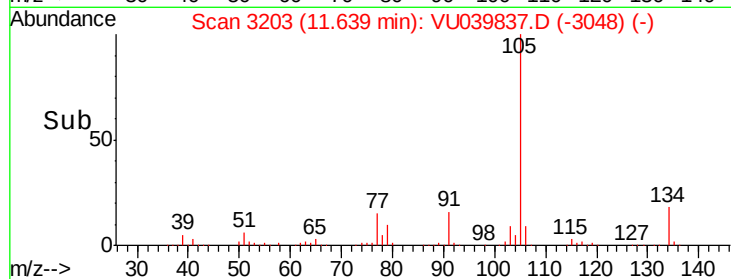
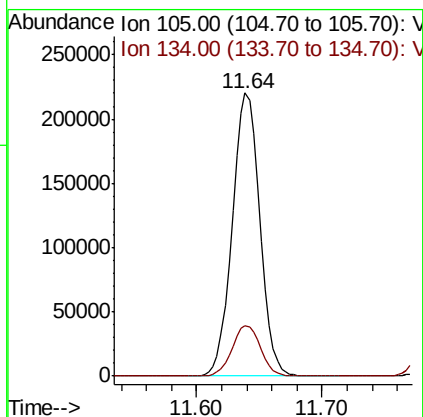
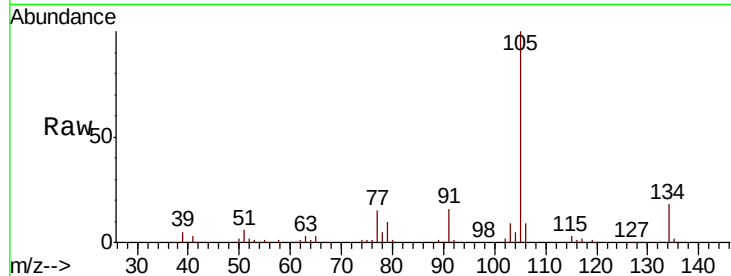




#79
 sec-Butylbenzene
 Concen: 9.206 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

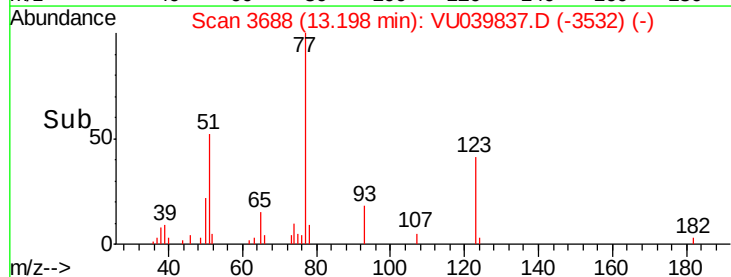
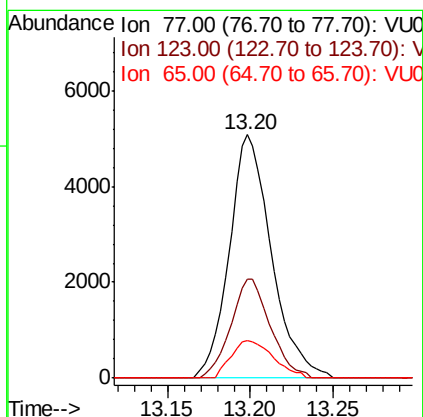
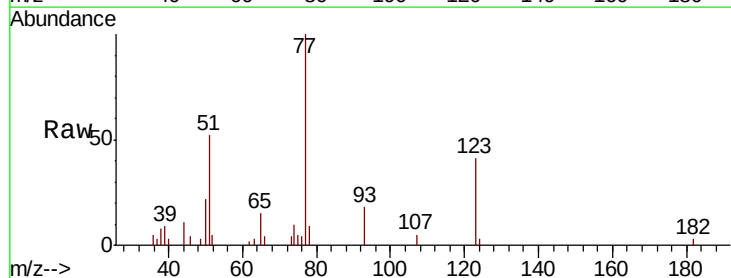
Instrument :
 MSVOA_U
 ClientSampleId :

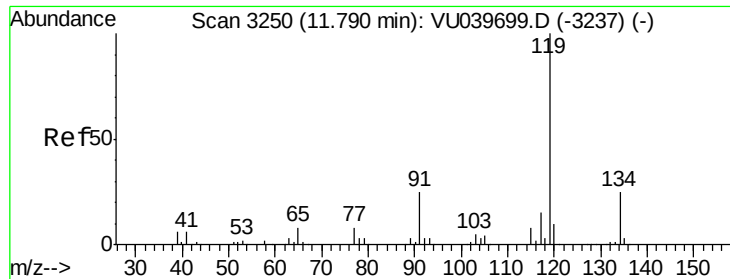
Tot Ion: 105 Resp: 335747
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.8 22.2



#80
 Nitrobenzene
 Concen: 67.587 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 77 Resp: 8969
 Ion Ratio Lower Upper
 77 100
 123 38.2 16.9 59.9
 65 15.3 14.4 18.4

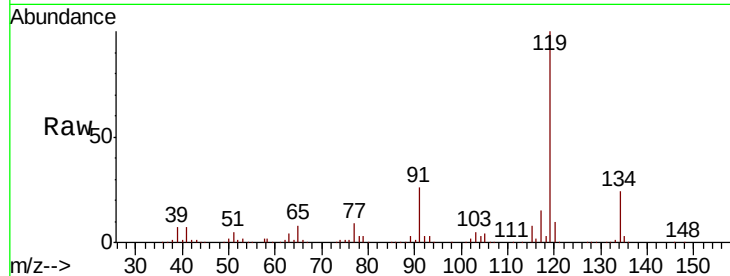




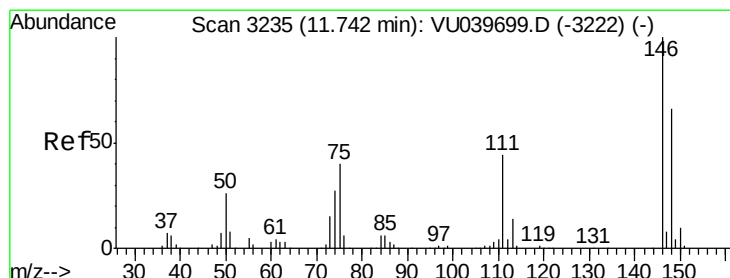
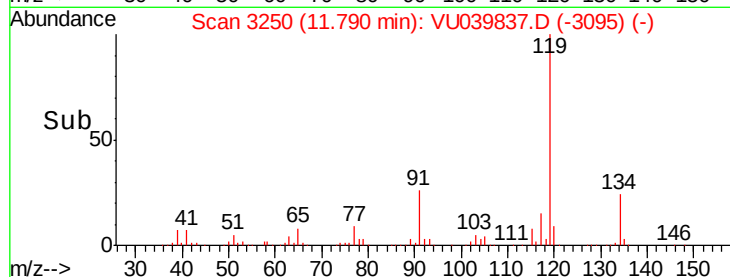
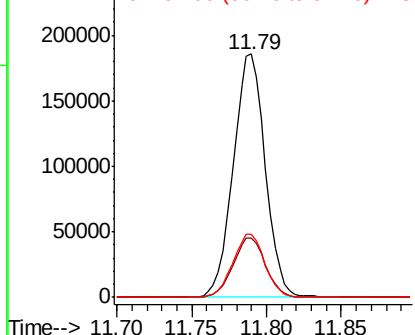
#81
 p-Isopropyltoluene
 Concen: 9.312 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.2	30.4
91	26.2	20.7	31.1

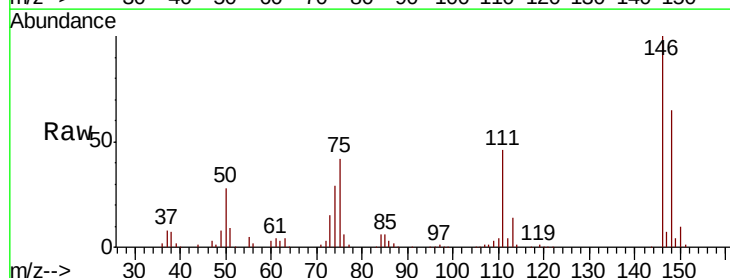


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

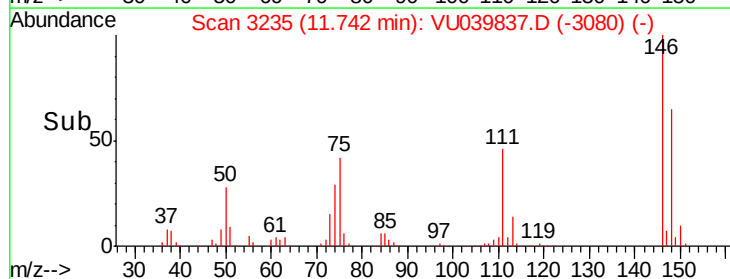
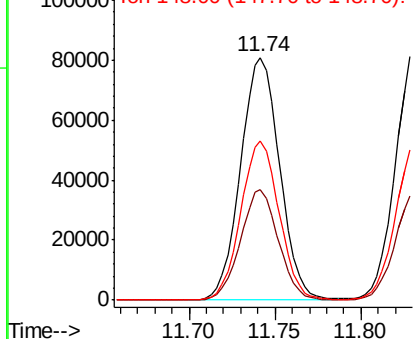


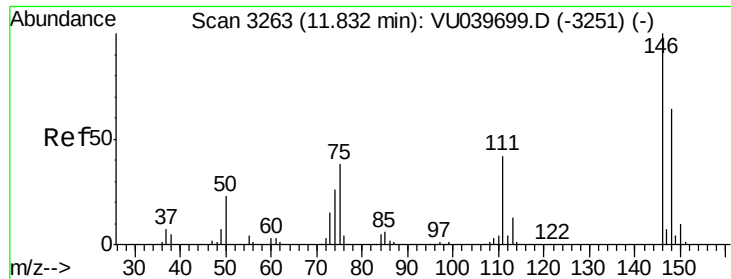
#82
 1,3-Dichlorobenzene
 Concen: 8.466 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	34.5	51.7
148	64.2	51.4	77.0



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

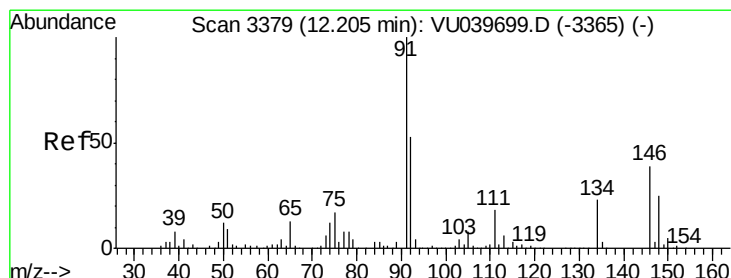
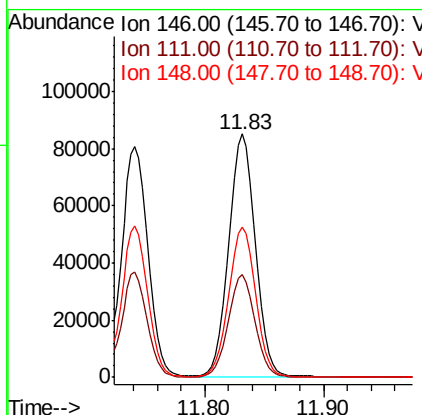
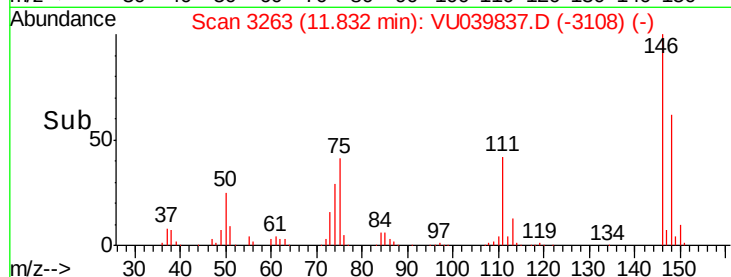
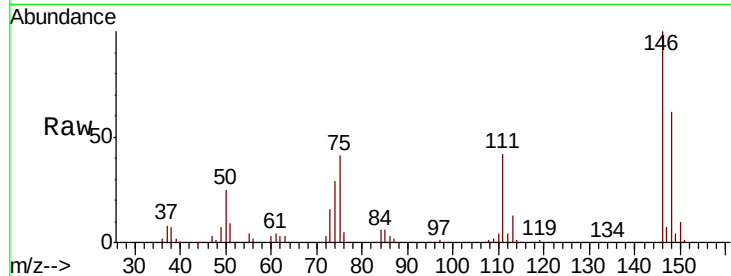




#83
 1,4-Dichlorobenzene
 Concen: 8.688 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

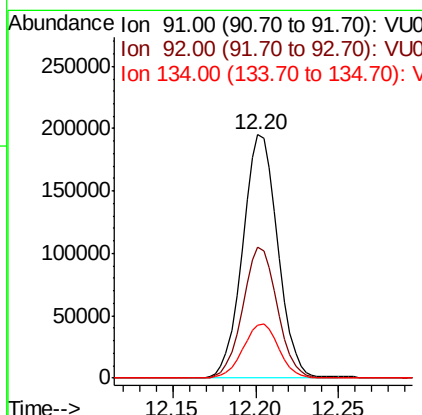
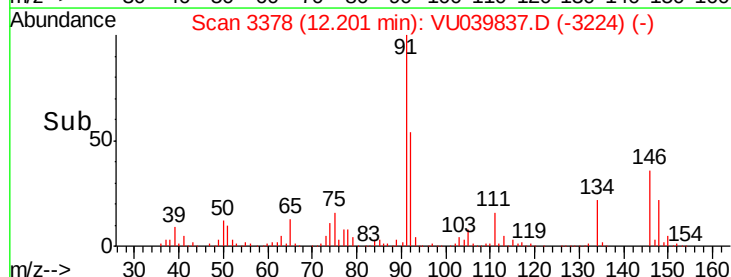
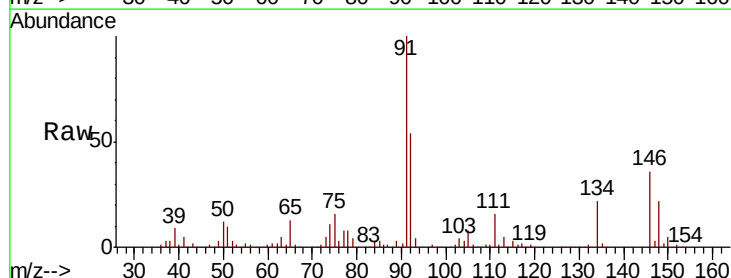
Instrument :
 MSVOA_U
 ClientSampled :

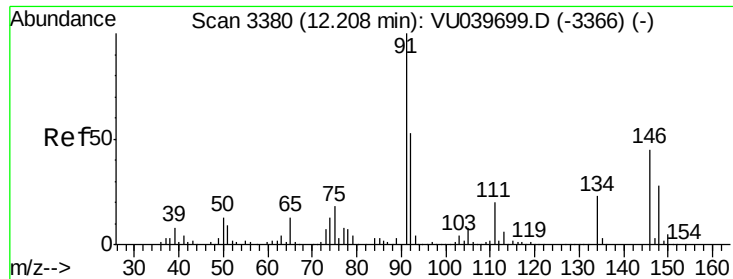
Tot Ion:146 Resp: 131978
 Ion Ratio Lower Upper
 146 100
 111 42.5 33.8 50.6
 148 62.5 51.1 76.7



#84
 n-Butylbenzene
 Concen: 9.185 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 91 Resp: 286747
 Ion Ratio Lower Upper
 91 100
 92 53.0 42.6 64.0
 134 22.6 18.2 27.4

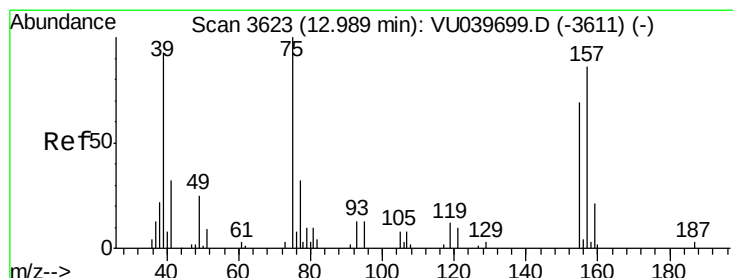
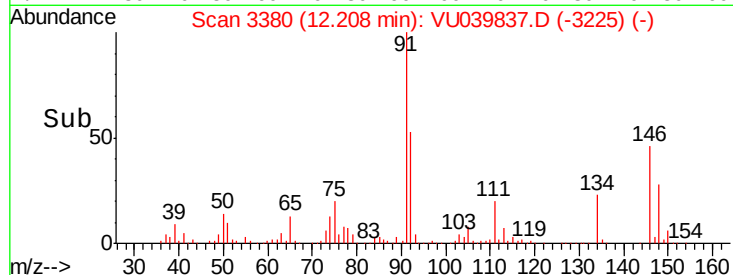
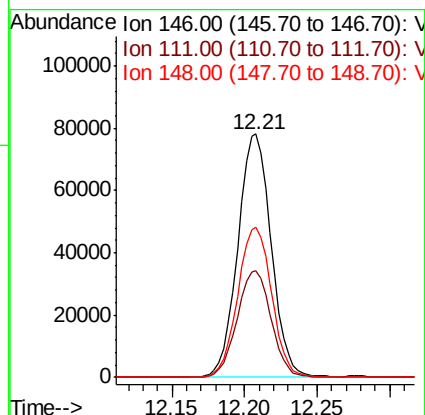
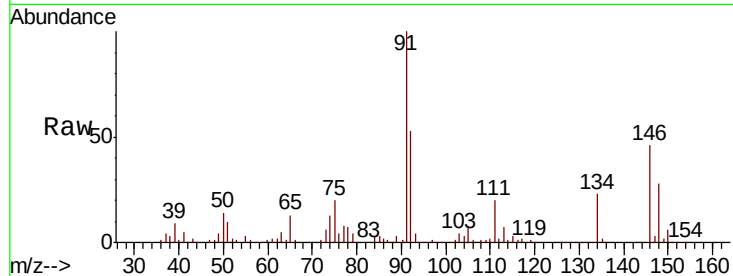




#85
 1,2-Dichlorobenzene
 Concen: 8.574 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

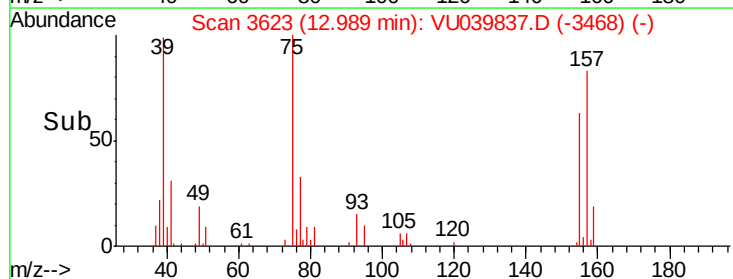
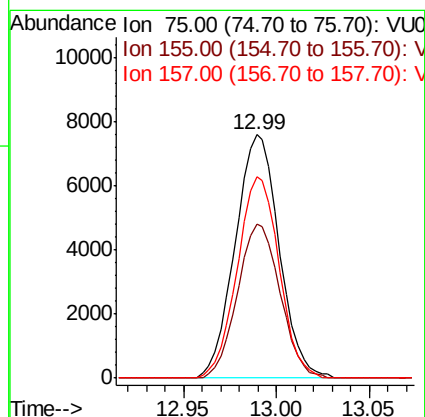
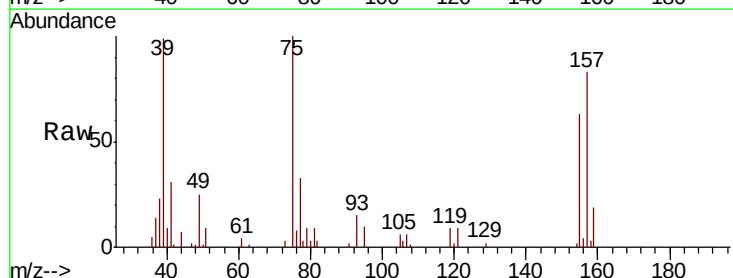
Instrument :
 MSVOA_U
 ClientSampled :

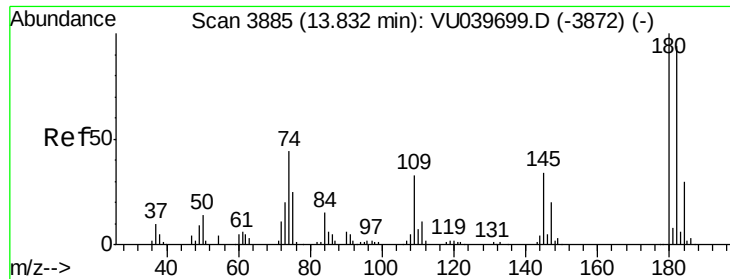
Tot Ion:146 Resp: 124806
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.8 68.3
 148 63.0 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.442 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 75 Resp: 12473
 Ion Ratio Lower Upper
 75 100
 155 61.6 52.9 79.3
 157 78.9 67.8 101.6

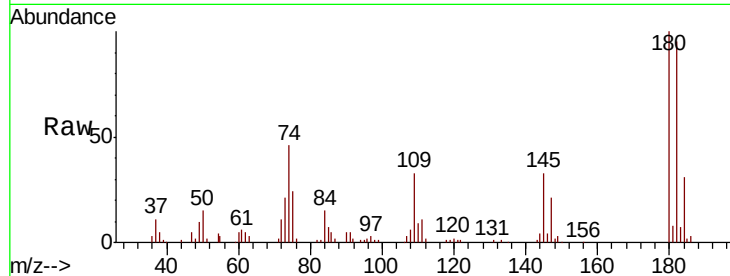




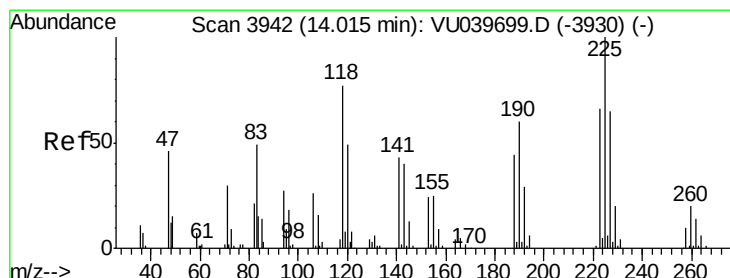
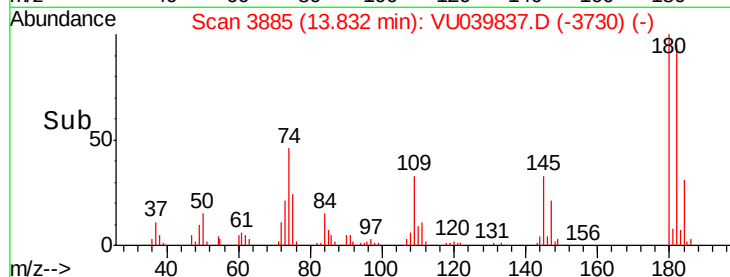
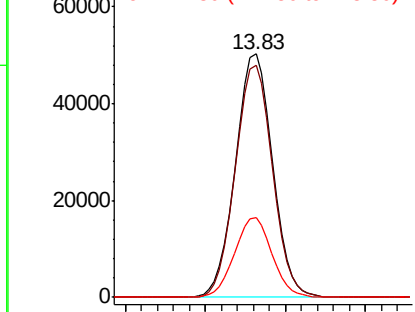
#87
 1,2,4-Trichlorobenzene
 Concen: 8.725 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 79436
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.4
 145 32.9 26.8 40.2

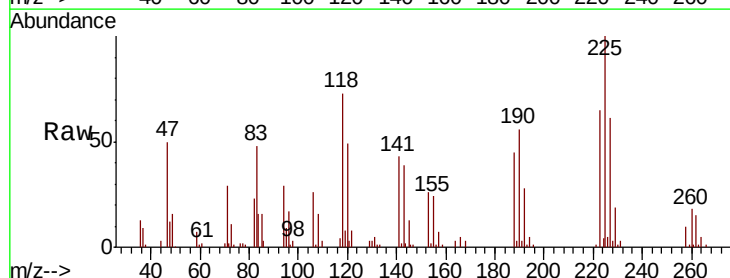


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

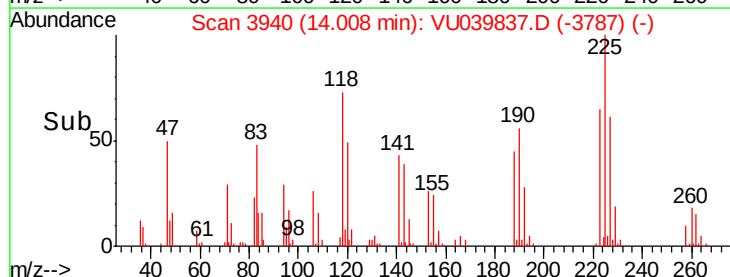
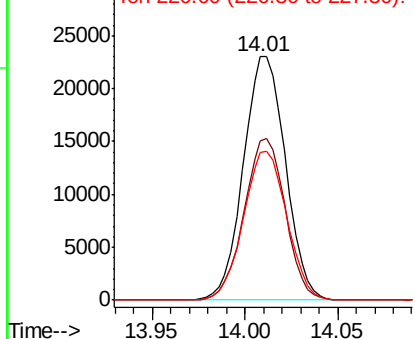


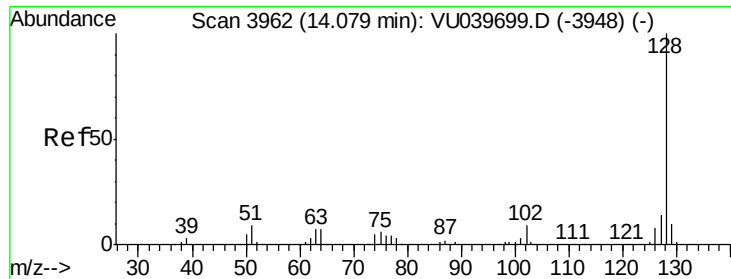
#88
 Hexachlorobutadiene
 Concen: 8.822 ug/l
 RT: 14.01 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion:225 Resp: 36475
 Ion Ratio Lower Upper
 225 100
 223 64.7 52.4 78.6
 227 62.9 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

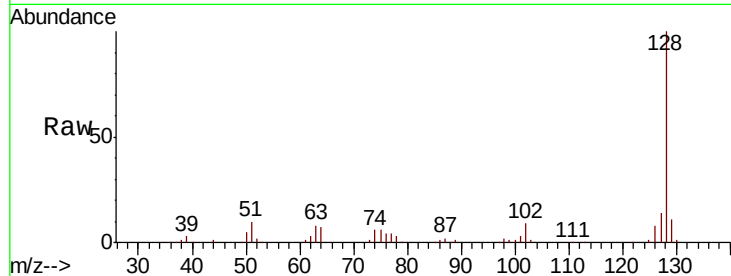




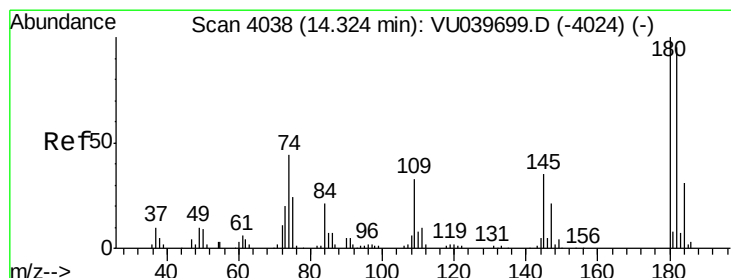
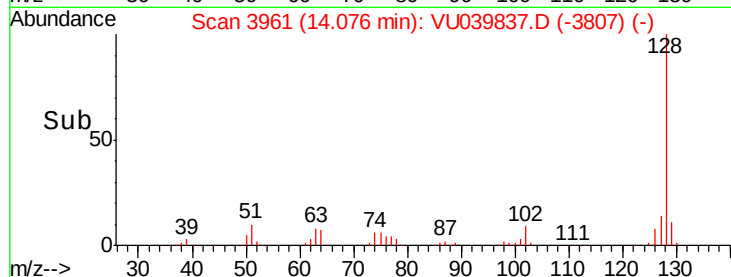
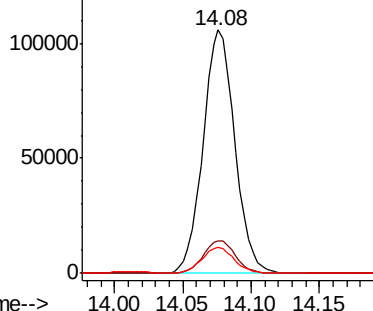
#89
Naphthalene
Concen: 8.753 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:128 Resp: 170508
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.8 8.4 12.6

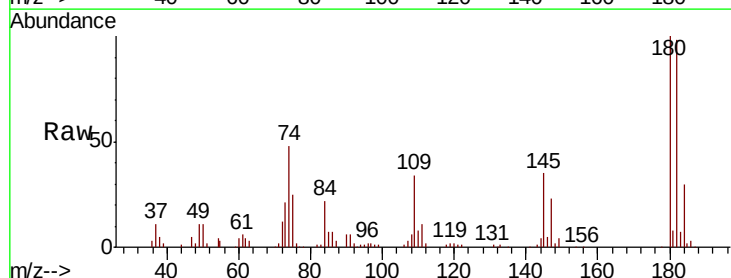


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 8.874 ug/l
RT: 14.32 min Scan# 4036
Delta R.T. -0.01 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion:180 Resp: 76267
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 34.2 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

