

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U073120\
 Data File : VU039731.D
 Acq On : 31 Jul 2020 13:06
 Operator : SY/MD
 Sample : L3216-09 0.4PPB
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 01:43:25 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	24197	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.64	95	6928	0.73	ug/l	0.00
Spiked Amount	1.000		Recovery	=	73.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7214	0.78	ug/l	0.00
Spiked Amount	1.000		Recovery	=	78.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	2833	0.337	ug/l 96
3) Chloromethane	1.53	50	4396	0.421	ug/l 98
4) Vinyl Chloride	1.61	62	3398	0.353	ug/l 95
5) Bromomethane	1.87	94	2459	0.374	ug/l 97
6) Chloroethane	1.94	64	2800	0.419	ug/l 96
7) Trichlorofluoromethane	2.15	101	5055	0.397	ug/l 93
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2538	0.347	ug/l 93
9) 1,1-Dichloroethene	2.59	96	2442	0.363	ug/l 86
10) Iodomethane	2.73	142	3120	0.460	ug/l 97
11) Allyl Chloride	2.94	41	5028	0.347	ug/l 93
12) Acrylonitrile	3.35	53	1867	0.791	ug/l # 92
13) Acetone	2.66	43	5146	2.318	ug/l 93
14) Carbon Disulfide	2.81	76	9072	0.368	ug/l 99
15) Methylene Chloride	3.06	84	5323	0.568	ug/l 95
16) trans-1,2-Dichloroethene	3.36	96	2766	0.362	ug/l 95
17) 1,1-Dichloroethane	3.88	63	6039	0.360	ug/l # 94
18) 2-Butanone	4.75	43	7267	1.946	ug/l 93
19) Cyclohexane	5.40	56	5260	0.324	ug/l 91
20) Methylcyclohexane	6.77	83	4773	0.396	ug/l 93
21) 2,2-Dichloropropane	4.68	77	5476	0.400	ug/l # 89
22) cis-1,2-Dichloroethene	4.68	96	2858	0.347	ug/l 88
23) Diethyl Ether	2.39	59	2521	0.367	ug/l 88
24) tert-Butyl Alcohol	3.20	59	613	0.501	ug/l # 74
25) Methyl tert-Butyl Ether	3.38	73	7636	0.348	ug/l 96
26) Bromochloromethane	5.00	128	1236	0.367	ug/l 92
27) Chloroform	5.11	83	5626	0.358	ug/l 91
28) 1,1,1-Trichloroethane	5.33	97	4373	0.344	ug/l 99
29) 1,1-Dichloropropene	5.53	75	4582	0.374	ug/l 93
30) Carbon Tetrachloride	5.54	117	3638	0.350	ug/l # 86
31) Isopropyl Ether	4.02	45	11349	0.371	ug/l 98
32) Ethyl-t-butyl ether	4.53	59	9110	0.350	ug/l 97
33) Tert-Amyl methyl ether	5.97	73	7743	0.412	ug/l 98
34) Propionitrile	4.84	54	1371	1.488	ug/l # 70
35) Benzene	5.79	78	12870	0.425	ug/l 95
36) 1,2-Dichloroethane	5.81	62	4720	0.416	ug/l 97
37) Trichloroethene	6.56	130	2776	0.401	ug/l 96
38) 1,2-Dichloropropane	6.81	63	3191	0.382	ug/l 94
39) Methacrylonitrile	5.00	41	1963	0.404	ug/l # 57
40) Methyl acrylate	4.87	55	2641	0.422	ug/l # 78
41) Tetrahydrofuran	5.10	42	2120	0.868	ug/l # 64
42) 1-Chlorobutane	5.47	56	7039	0.366	ug/l 96

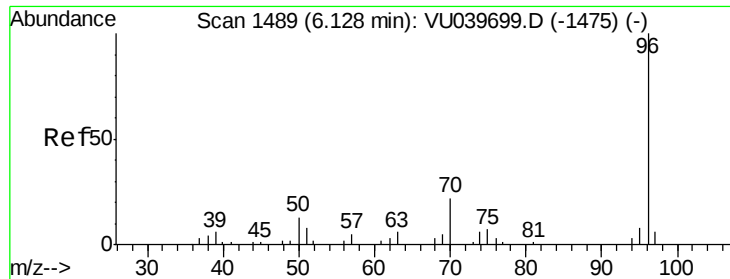
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073120\
 Data File : VU039731.D
 Acq On : 31 Jul 2020 13:06
 Operator : SY/MD
 Sample : L3216-09 0.4PPB
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 01:43:25 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	1777	0.396	ug/l	92
44) Bromodichloromethane	7.12	83	3713	0.361	ug/l	91
45) 4-Methyl-2-Pentanone	7.82	43	12930	1.901	ug/l	96
46) t-1,4-Dichloro-2-butene	10.83	75	3231	1.597	ug/l #	47
47) Methyl methacrylate	6.98	69	3281	0.783	ug/l #	86
48) Ethyl methacrylate	8.35	69	2213	0.287	ug/l	80
49) Toluene	7.98	92	5535	0.307	ug/l	94
50) t-1,3-Dichloropropene	8.22	75	2672	0.288	ug/l #	71
51) cis-1,3-Dichloropropene	7.62	75	3514	0.322	ug/l	96
52) 1,1,2-Trichloroethane	8.41	97	2017	0.346	ug/l	96
53) 1,3-Dichloropropane	8.58	76	3918	0.350	ug/l	99
54) 2-Hexanone	8.70	43	8332	1.711	ug/l	91
55) Dibromochloromethane	8.82	129	1812	0.289	ug/l	92
56) 1,2-Dibromoethane	8.93	107	1850	0.329	ug/l	94
58) Tetrachloroethene	8.56	164	2224	0.367	ug/l	83
59) Chlorobenzene	9.45	112	6092	0.327	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.54	131	1965	0.313	ug/l	97
61) Pentachloroethane	11.43	117	1570	0.284	ug/l	96
62) Hexachloroethane	12.47	117	1323	0.261	ug/l	93
63) Ethyl Benzene	9.57	91	9586	0.287	ug/l	99
64) m/p-Xylenes	9.70	106	7097	0.544	ug/l	96
65) o-Xylene	10.10	106	3188	0.257	ug/l	88
66) Styrene	10.12	104	5187	0.244	ug/l	94
67) Bromoform	10.29	173	914	0.286	ug/l #	91
69) Isopropylbenzene	10.48	105	8800	0.266	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	3026	0.360	ug/l #	95
71) 1,2,3-Trichloropropane	10.83	75	3231	0.511	ug/l	80
72) Bromobenzene	10.78	156	2245	0.299	ug/l	93
73) n-propylbenzene	10.91	120	2279	0.245	ug/l	91
74) 2-Chlorotoluene	10.99	126	2248	0.286	ug/l	93
75) 1,3,5-Trimethylbenzene	11.09	105	7477	0.261	ug/l	98
76) 4-Chlorotoluene	11.10	126	2123	0.261	ug/l	93
77) tert-Butylbenzene	11.42	119	7246	0.264	ug/l	95
78) 1,2,4-Trimethylbenzene	11.46	105	7442	0.254	ug/l	100
79) sec-Butylbenzene	11.64	105	10028	0.257	ug/l	100
80) Nitrobenzene	13.20	77	113	0.795	ug/l #	44
81) p-Isopropyltoluene	11.79	119	7749	0.246	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	4656	0.288	ug/l	96
83) 1,4-Dichlorobenzene	11.83	146	4794	0.295	ug/l	99
84) n-Butylbenzene	12.20	91	8164	0.244	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	4672	0.300	ug/l	94
86) 1,2-Dibromo-3-Chloropropan	12.99	75	363	0.257	ug/l	87
87) 1,2,4-Trichlorobenzene	13.83	180	2972	0.305	ug/l #	82
88) Hexachlorobutadiene	14.01	225	1257	0.284	ug/l	99
89) Naphthalene	14.08	128	5815	0.279	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.32	180	2661	0.289	ug/l	96

(#) = 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: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 24197

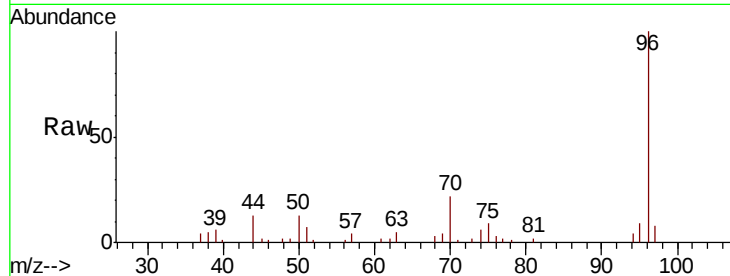
Ion Ratio Lower Upper

96 100

70 22.2 16.3 24.5

95 9.4 6.8 10.2

97 7.2 0.0 0.0#

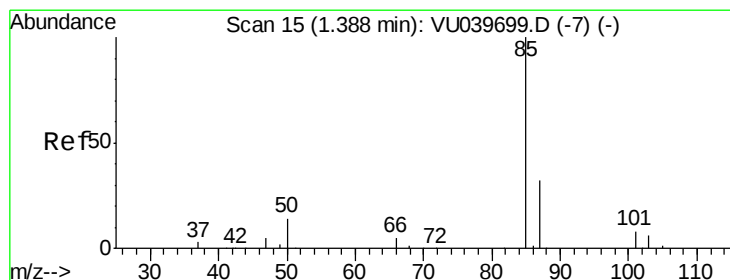
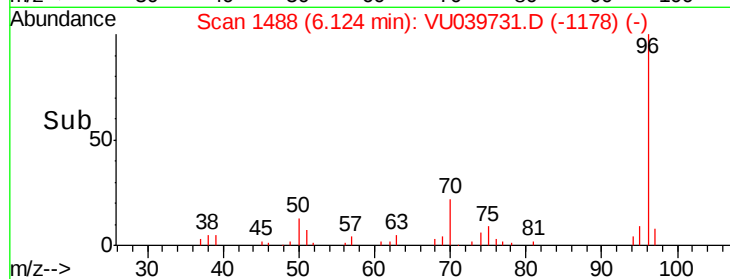
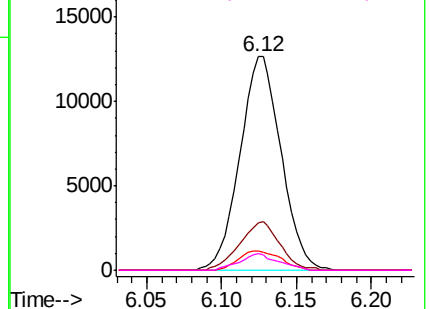


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-1475) (-)

Ion 70.00 (69.70 to 70.70): VU039699.D (-1475) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1475) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-1475) (-)



#2

Dichlorodifluoromethane

Concen: 0.337 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039731.D

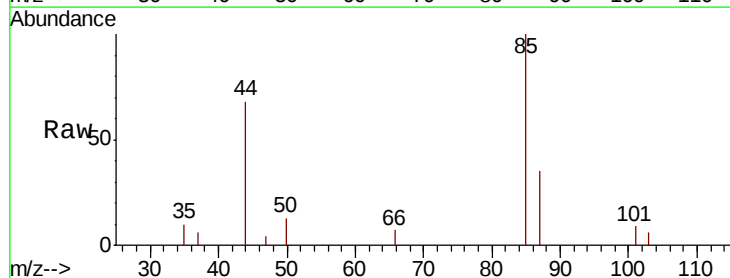
Acq: 31 Jul 2020 13:06

Tgt Ion: 85 Resp: 2833

Ion Ratio Lower Upper

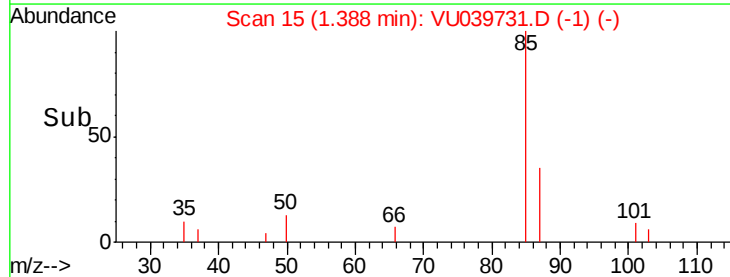
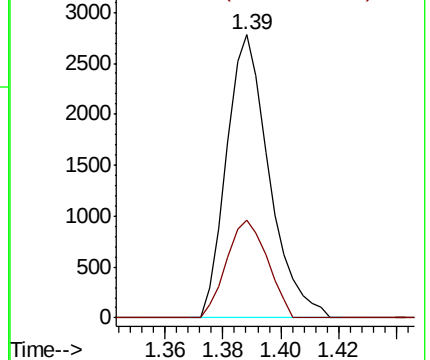
85 100

87 34.7 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039699.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-7) (-)

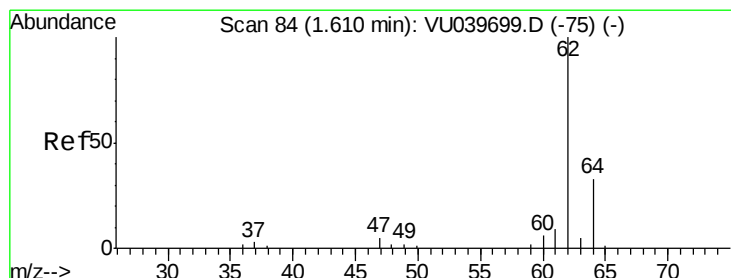
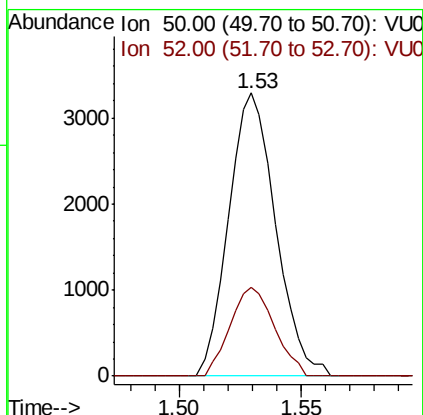
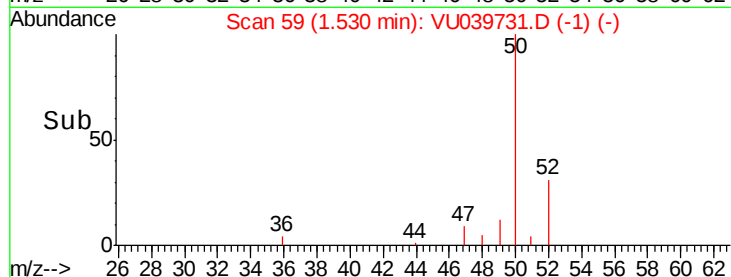
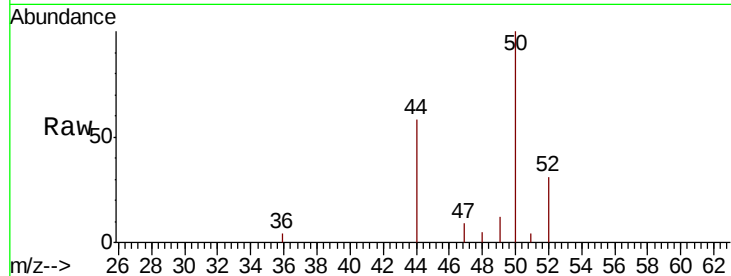




#3
 Chloromethane
 Concen: 0.421 ug/l
 RT: 1.53 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

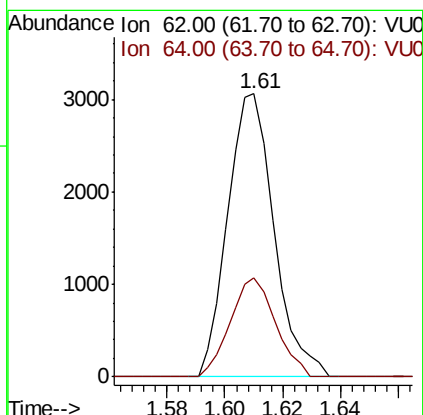
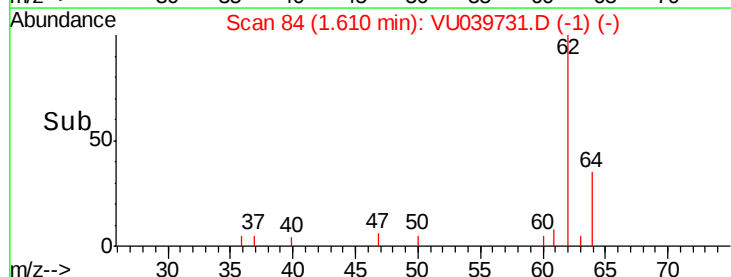
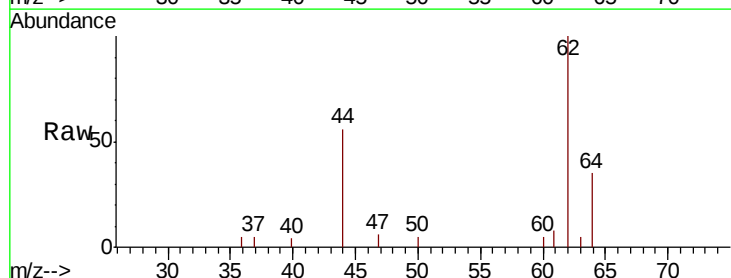
Instrument :
 MSVOA_U
 ClientSampleId :

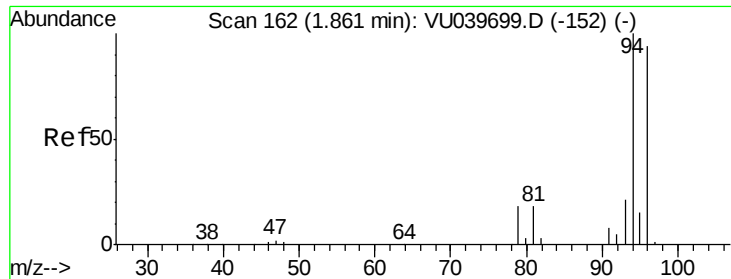
Tot Ion: 50 Resp: 4396
 Ion Ratio Lower Upper
 50 100
 52 31.3 26.0 39.0



#4
 Vinyl Chloride
 Concen: 0.353 ug/l
 RT: 1.61 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion: 62 Resp: 3398
 Ion Ratio Lower Upper
 62 100
 64 35.1 26.0 39.0

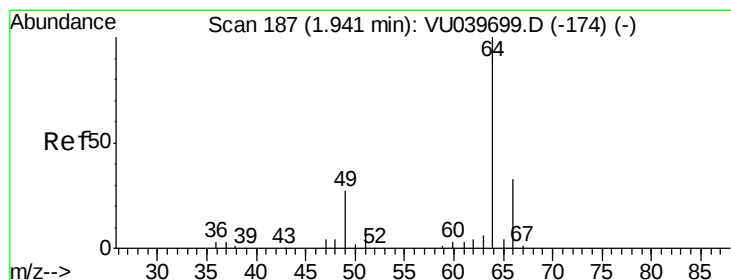
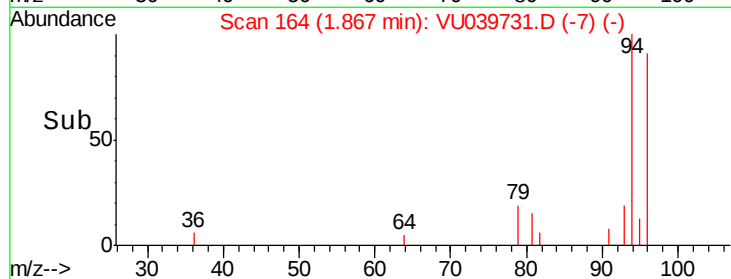
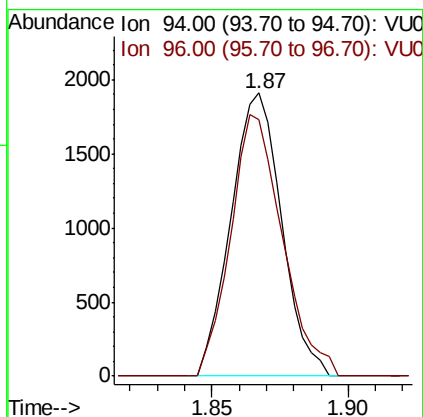
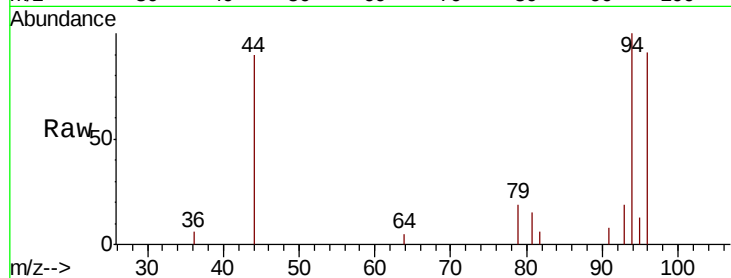




#5
Bromomethane
Concen: 0.374 ug/l
RT: 1.87 min Scan# 164
Delta R.T. 0.01 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

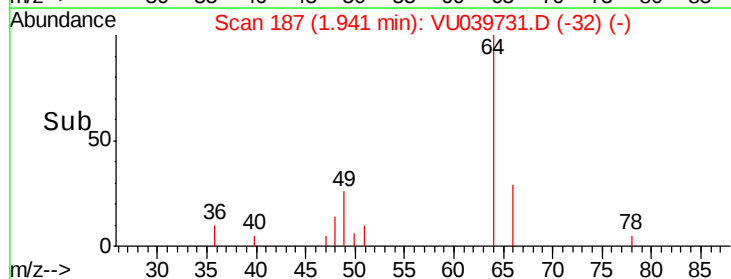
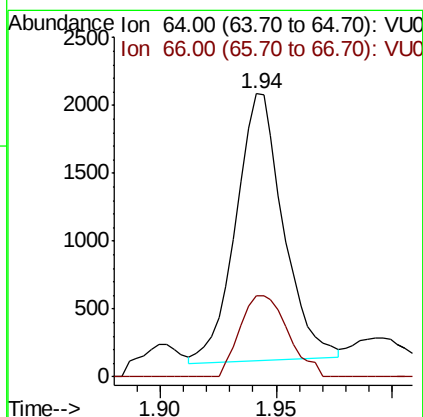
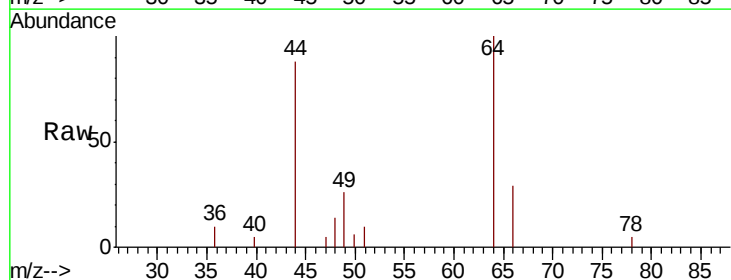
Instrument :
MSVOA_U
ClientSampleId :

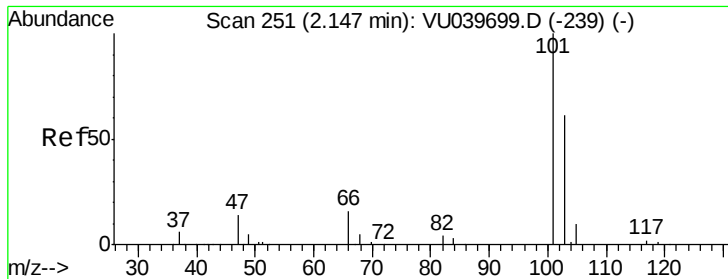
Tot Ion: 94 Resp: 2459
Ion Ratio Lower Upper
94 100
96 90.5 75.0 112.6



#6
Chloroethane
Concen: 0.419 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 64 Resp: 2800
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.2



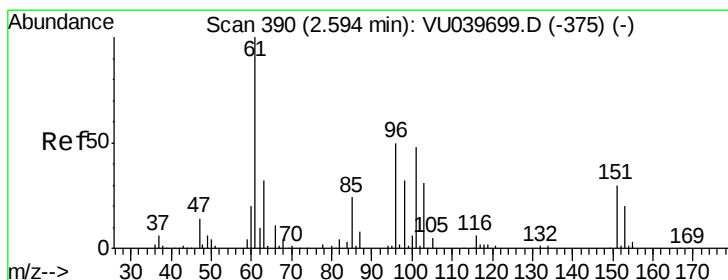
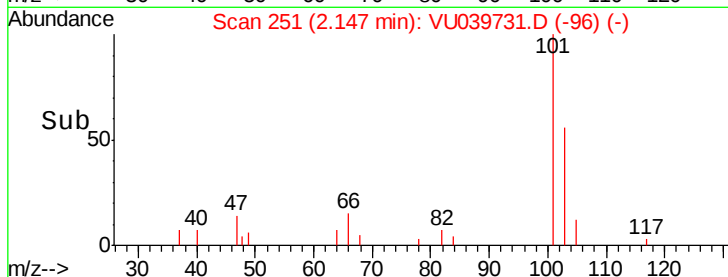
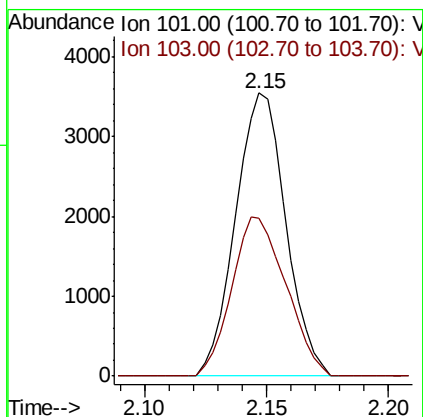
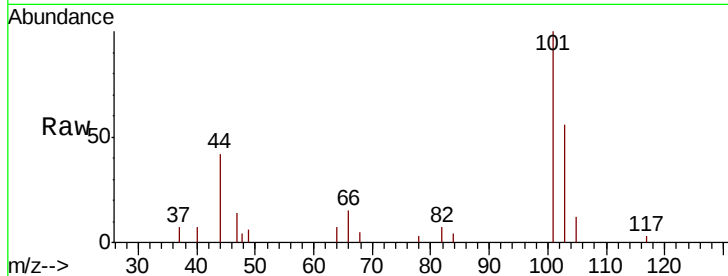


#7

Trichlorofluoromethane
Concen: 0.397 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Instrument :
MSVOA_U
ClientSampleId :

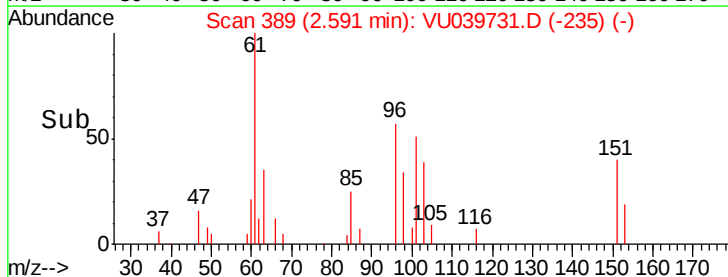
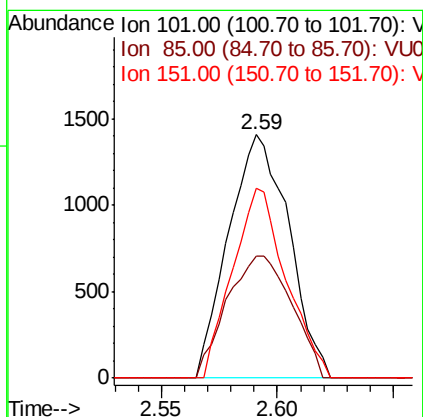
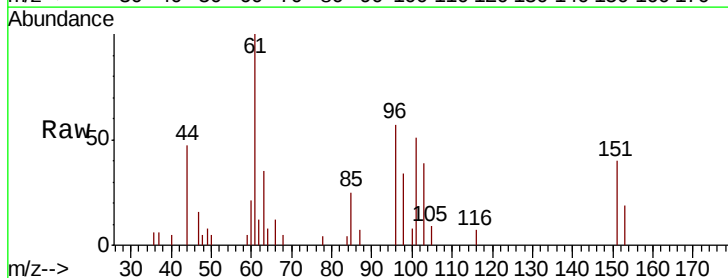
Tot Ion:101 Resp: 5055
Ion Ratio Lower Upper
101 100
103 56.0 48.8 73.2

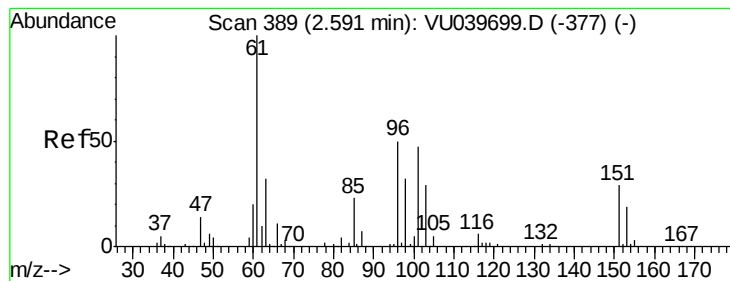


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.347 ug/l
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion:101 Resp: 2538
Ion Ratio Lower Upper
101 100
85 54.0 39.9 59.9
151 69.5 51.0 76.4





#9

1,1-Dichloroethene

Concen: 0.363 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

ClientSampleId :

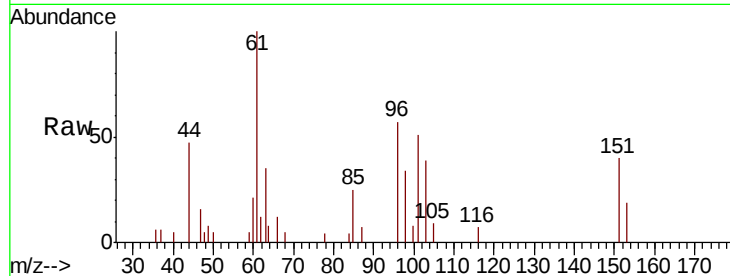
Tot Ion: 96 Resp: 2442

Ion Ratio Lower Upper

96 100

61 176.0 0.0 604.5

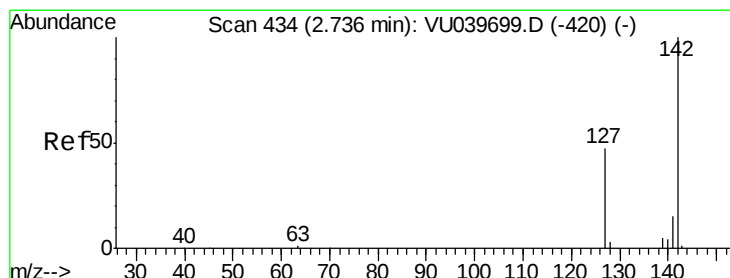
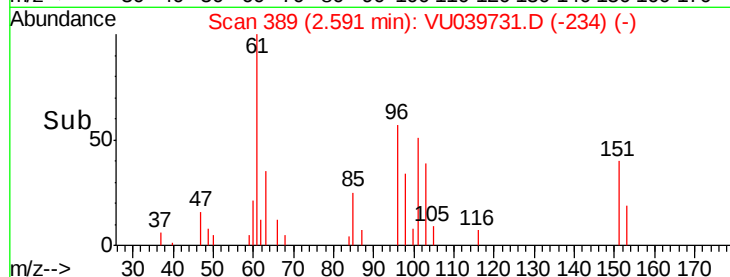
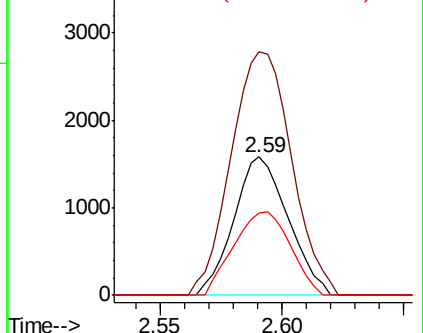
98 59.5 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039731.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU039731.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU039731.D (-234) (-)



#10

Iodomethane

Concen: 0.460 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039731.D

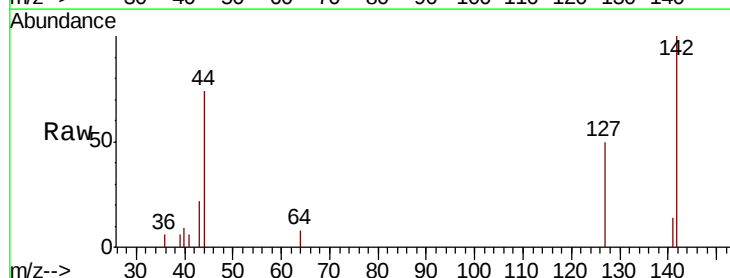
Acq: 31 Jul 2020 13:06

Tgt Ion: 142 Resp: 3120

Ion Ratio Lower Upper

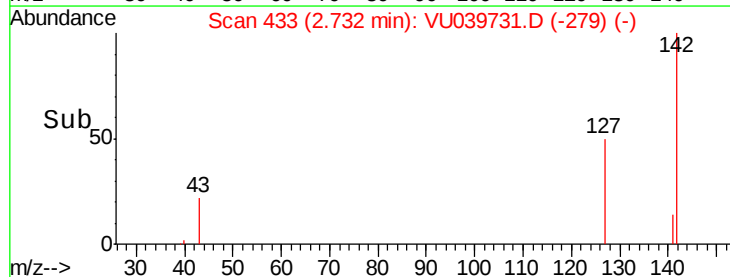
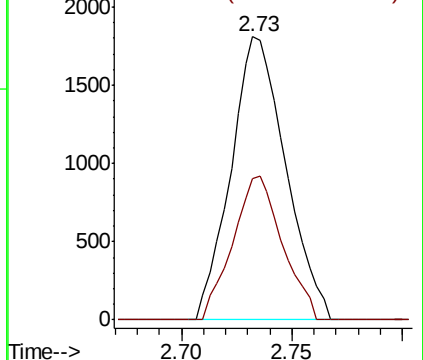
142 100

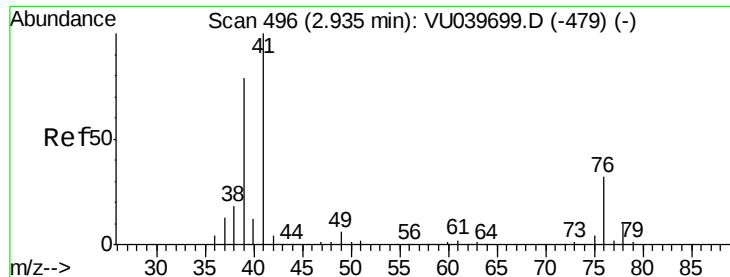
127 46.1 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039731.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU039731.D (-279) (-)

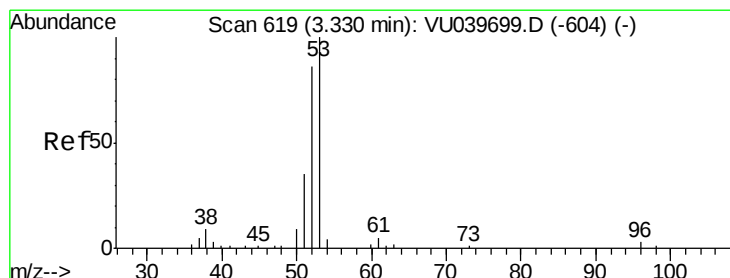
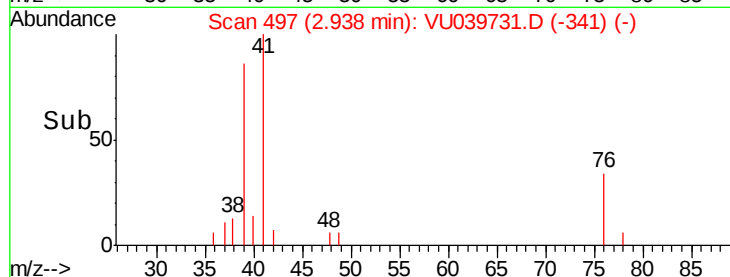
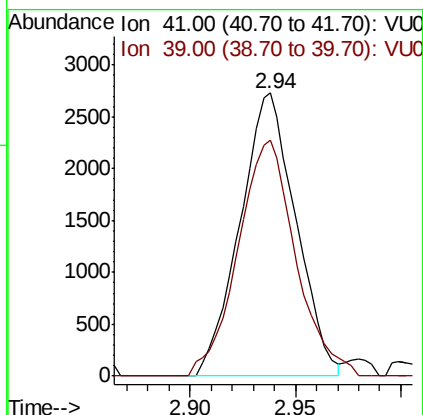
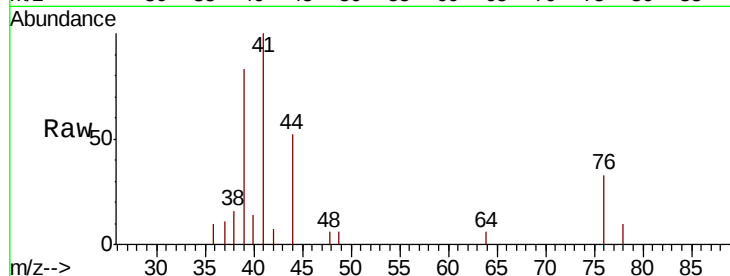




#11
Allvl Chloride
Concen: 0.347 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

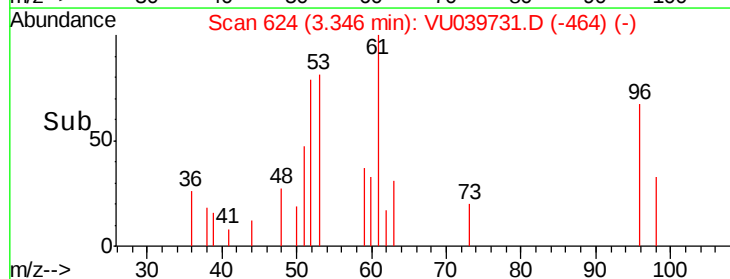
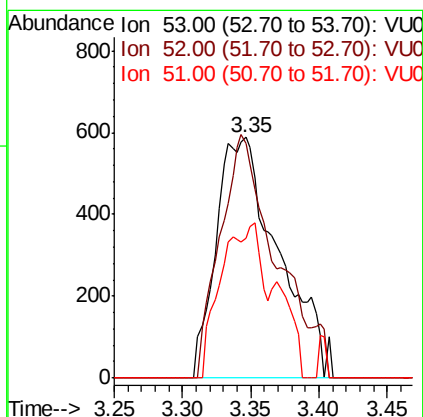
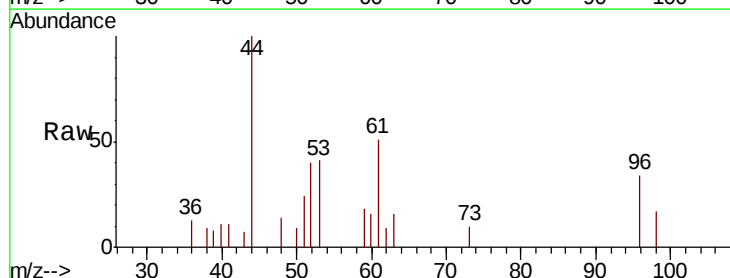
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 41 Resp: 5028
Ion Ratio Lower Upper
41 100
39 86.0 64.2 96.2



#12
Acrylonitrile
Concen: 0.791 ug/l
RT: 3.35 min Scan# 624
Delta R.T. 0.02 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 53 Resp: 1867
Ion Ratio Lower Upper
53 100
52 88.1 69.1 103.7
51 24.2 29.4 44.2#





#13

Acetone

Concen: 2.318 ug/l

RT: 2.66 min Scan# 411

Delta R.T. 0.03 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

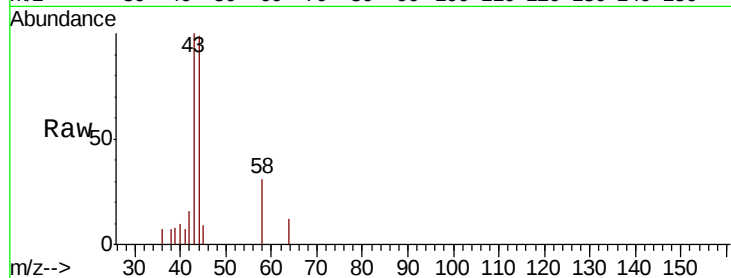
ClientSampleId :

Tot Ion: 43 Resp: 5146

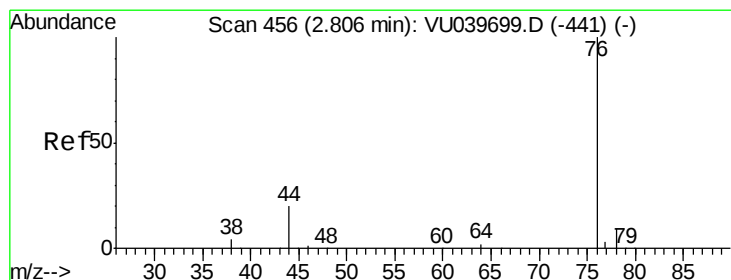
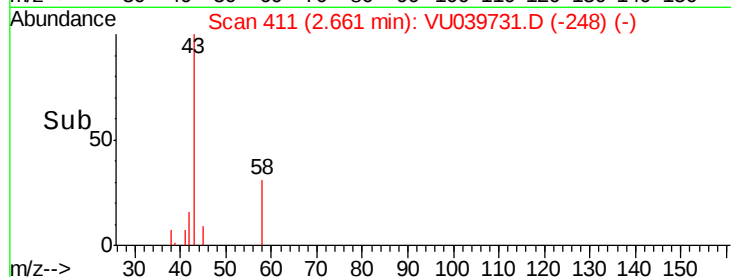
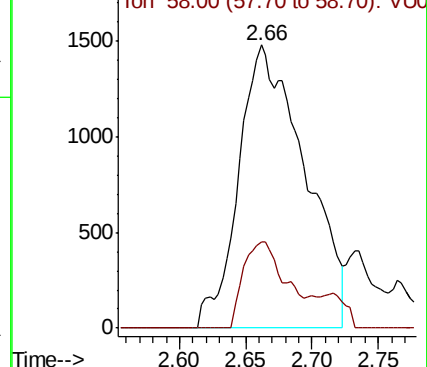
Ion Ratio Lower Upper

43 100

58 30.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU039731.D (-248) (-)



#14

Carbon Disulfide

Concen: 0.368 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039731.D

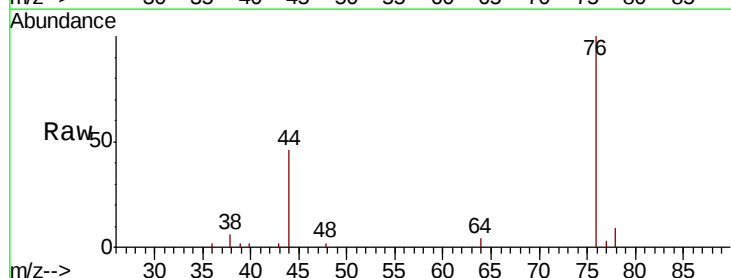
Acq: 31 Jul 2020 13:06

Tgt Ion: 76 Resp: 9072

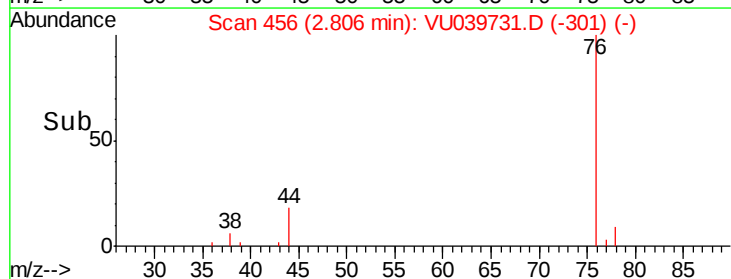
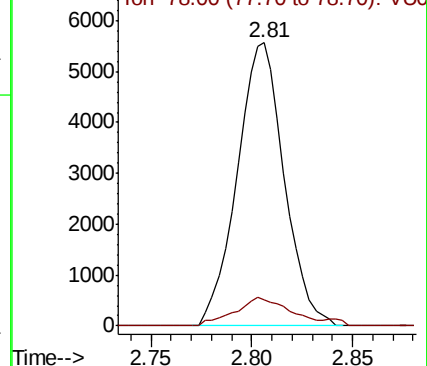
Ion Ratio Lower Upper

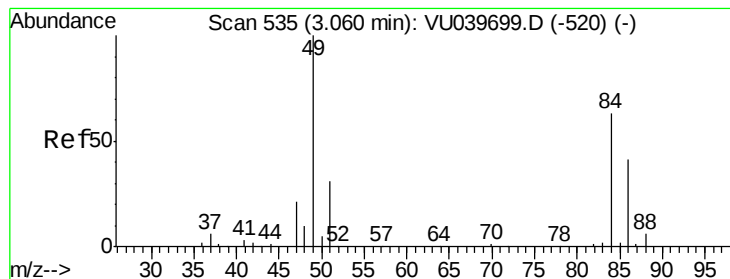
76 100

78 9.2 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VU039731.D (-301) (-)





#15

Methylene Chloride

Concen: 0.568 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 84 Resp: 5323

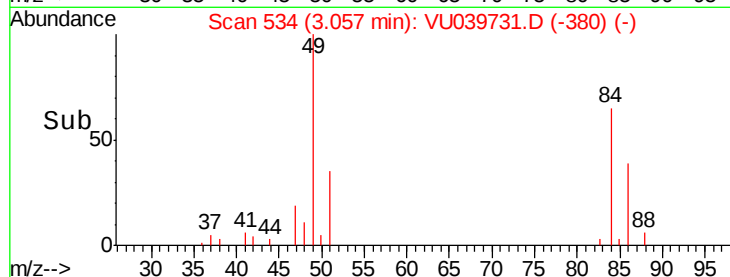
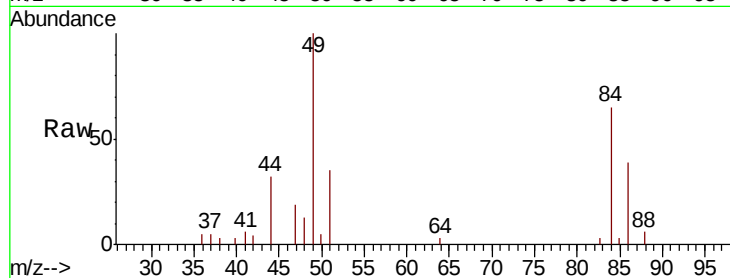
Ion Ratio Lower Upper

84 100

49 153.2 126.8 190.2

51 54.0 0.0 97.2

86 60.5 51.4 77.2

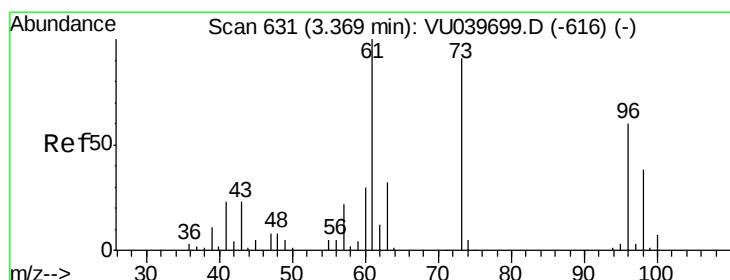
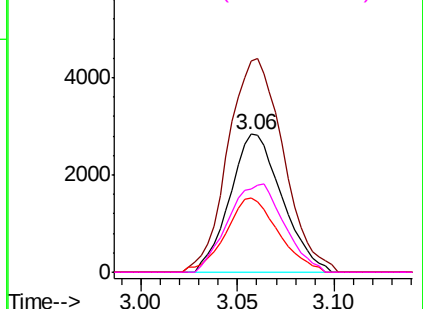


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 0.362 ug/l

RT: 3.36 min Scan# 629

Delta R.T. -0.01 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

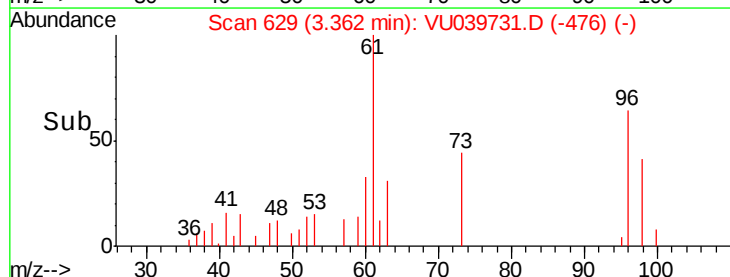
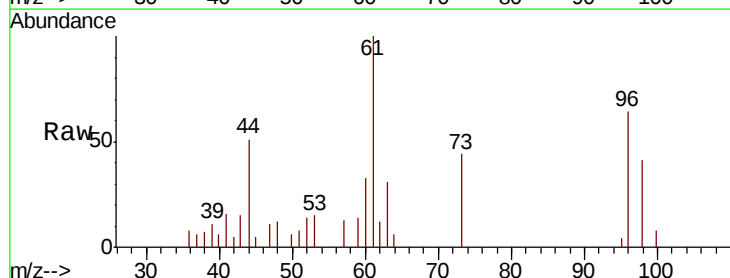
Tgt Ion: 96 Resp: 2766

Ion Ratio Lower Upper

96 100

61 156.8 132.6 199.0

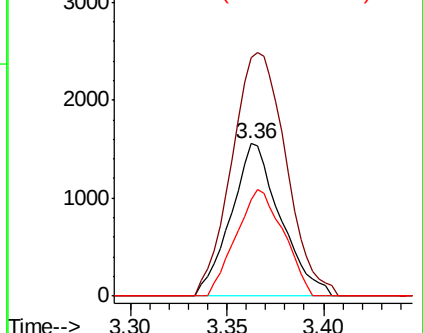
98 63.6 50.2 75.2

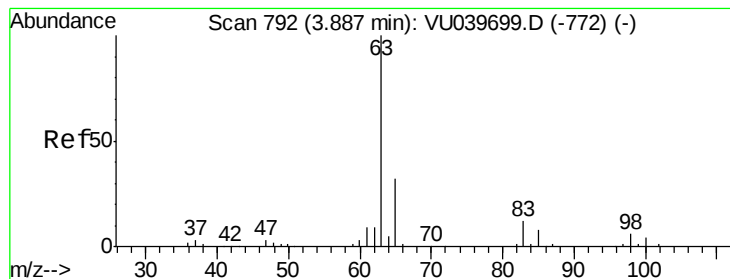


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 0.360 ug/l

RT: 3.88 min Scan# 791

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

ClientSampleId :

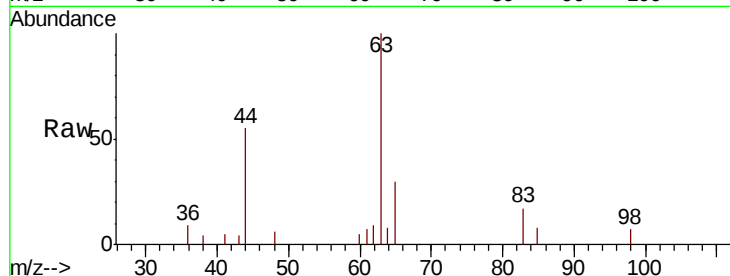
Tot Ion: 63 Resp: 6039

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.7

100 0.0 2.0 6.0#

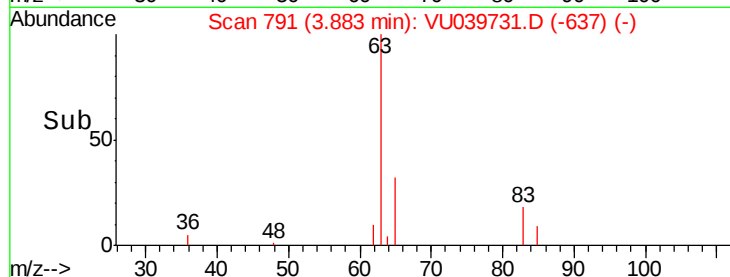


Abundance Ion 63.00 (62.70 to 63.70): VU039731.D (-637) (-)

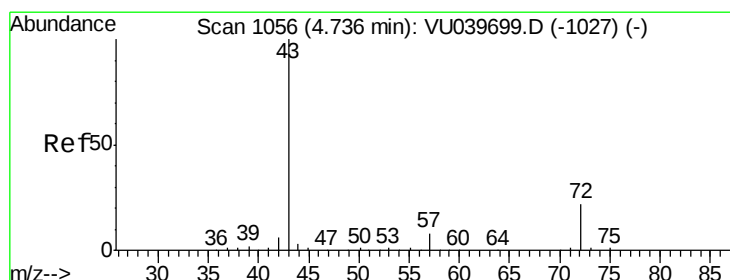
Ion 98.00 (97.70 to 98.70): VU039731.D (-981) (-)

Ion 100.00 (99.70 to 100.70): VU039731.D (-1001) (-)

Time-->



Time-->



#18

2-Butanone

Concen: 1.946 ug/l

RT: 4.75 min Scan# 1061

Delta R.T. 0.02 min

Lab File: VU039731.D

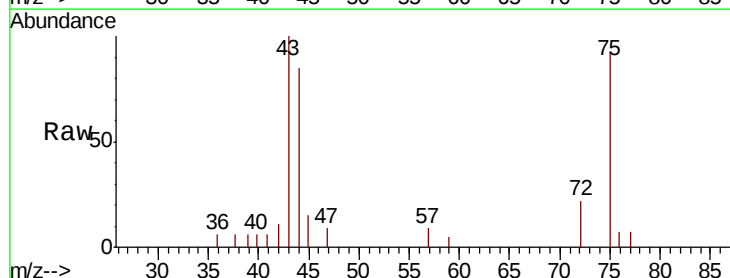
Acq: 31 Jul 2020 13:06

Tgt Ion: 43 Resp: 7267

Ion Ratio Lower Upper

43 100

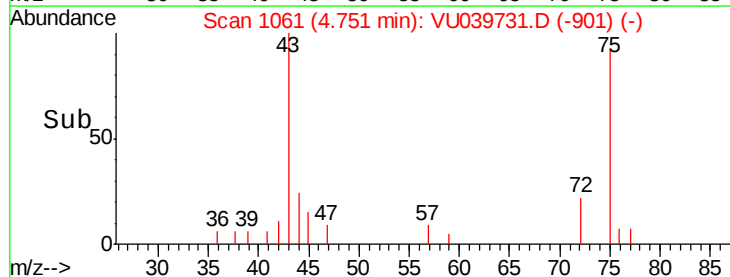
57 10.1 0.0 15.2



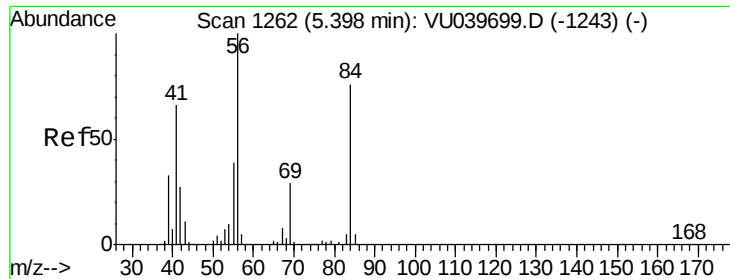
Abundance Ion 43.00 (42.70 to 43.70): VU039731.D (-901) (-)

Ion 57.00 (56.70 to 57.70): VU039731.D (-571) (-)

Time-->



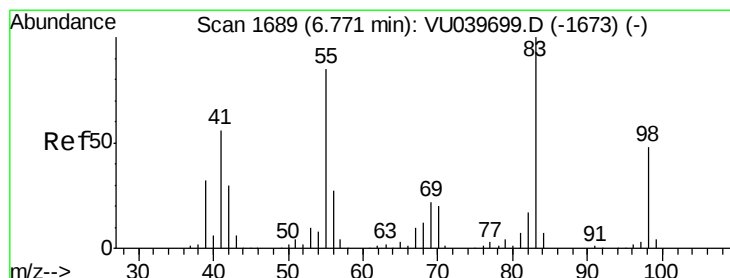
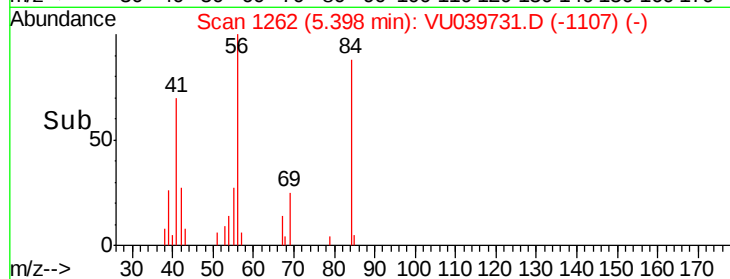
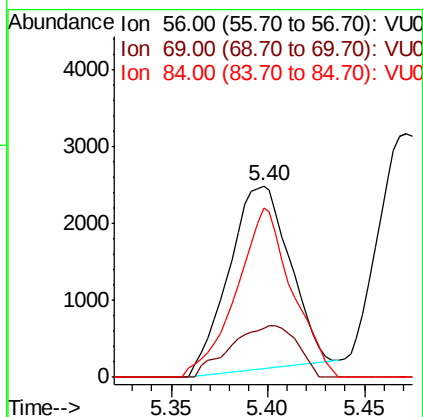
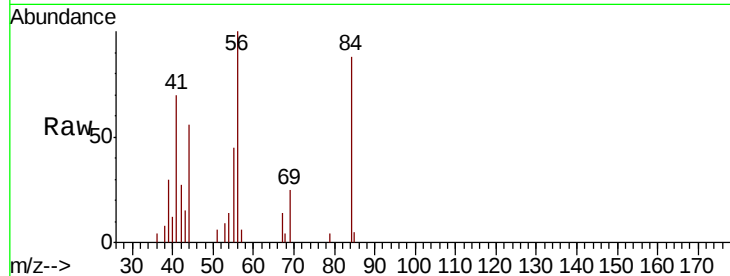
Time-->



#19
Cyclohexane
Concen: 0.324 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

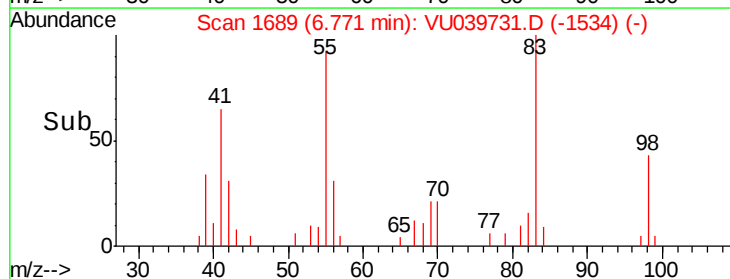
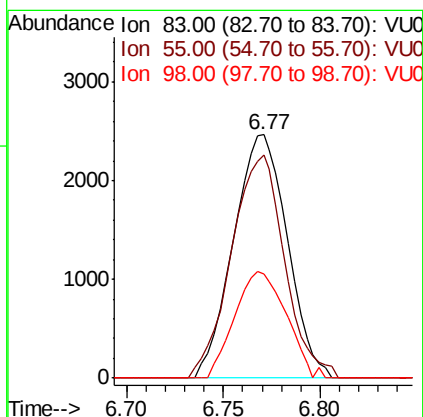
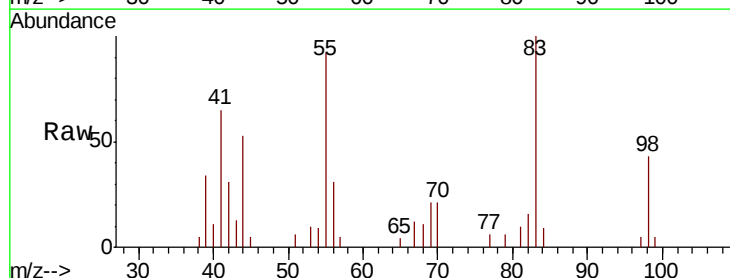
Instrument :
MSVOA_U
ClientSampleId :

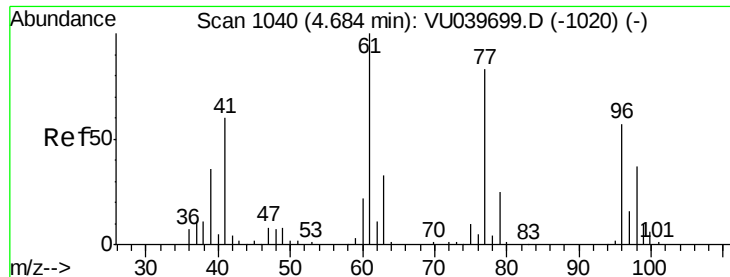
Tot Ion: 56 Resp: 5260
Ion Ratio Lower Upper
56 100
69 30.5 22.8 34.2
84 84.3 59.9 89.9



#20
Methylcyclohexane
Concen: 0.396 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 83 Resp: 4773
Ion Ratio Lower Upper
83 100
55 90.6 67.6 101.4
98 41.7 37.3 55.9

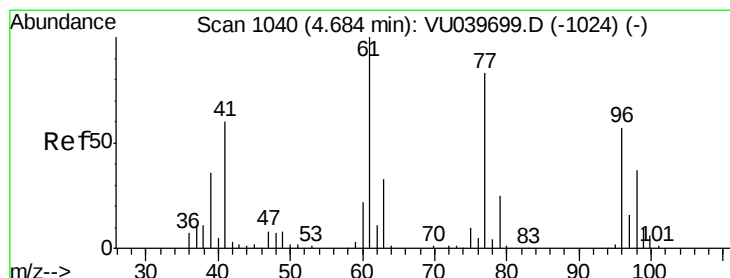
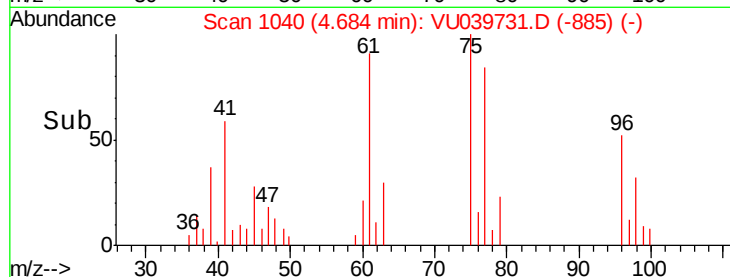
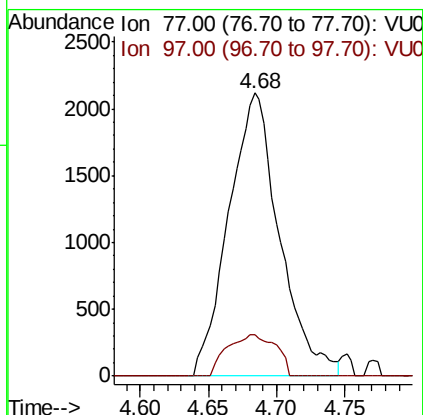
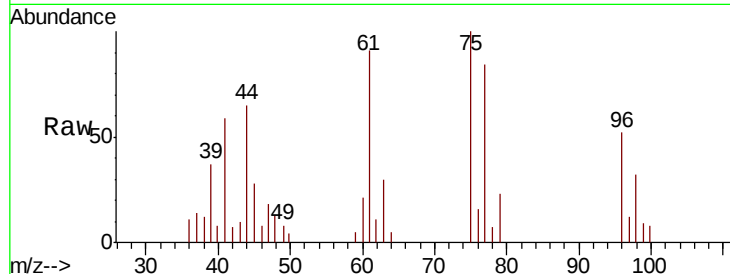




#21
 2,2-Dichloropropane
 Concen: 0.400 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

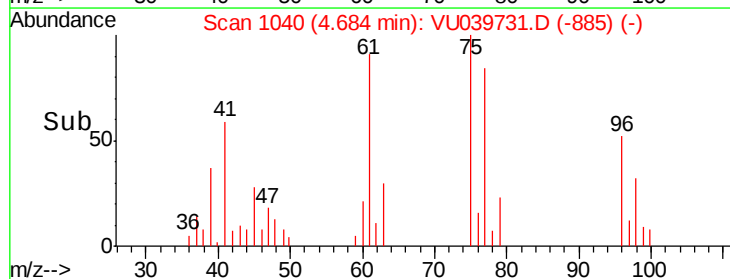
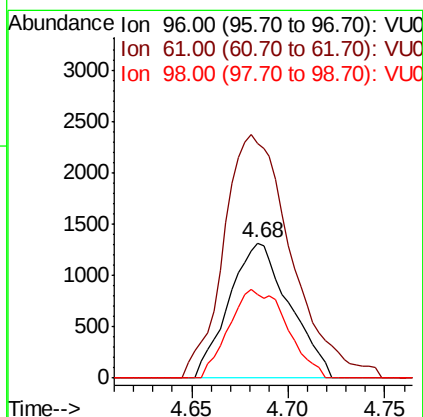
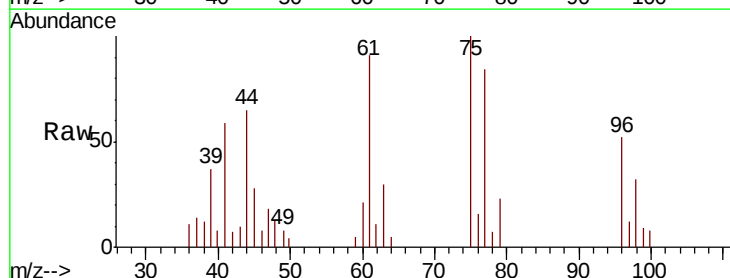
Instrument :
 MSVOA_U
 ClientSampled :

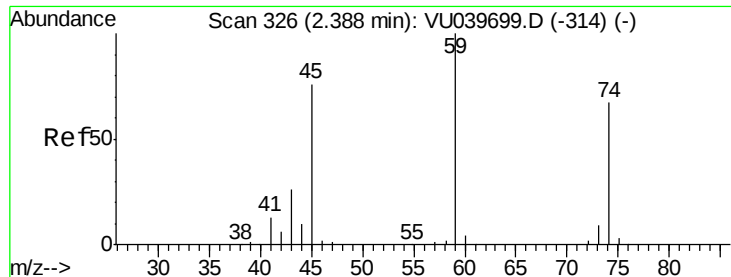
Tot Ion: 77 Resp: 5476
 Ion Ratio Lower Upper
 77 100
 97 14.0 15.2 22.8#



#22
 cis-1,2-Dichloroethene
 Concen: 0.347 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion: 96 Resp: 2858
 Ion Ratio Lower Upper
 96 100
 61 202.5 0.0 451.3
 98 63.0 32.6 98.0

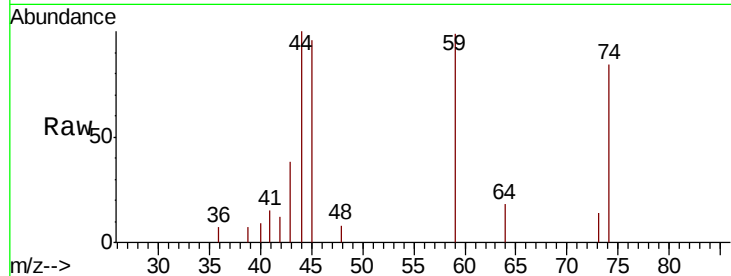




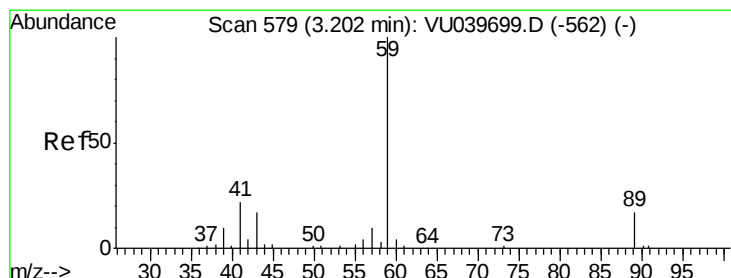
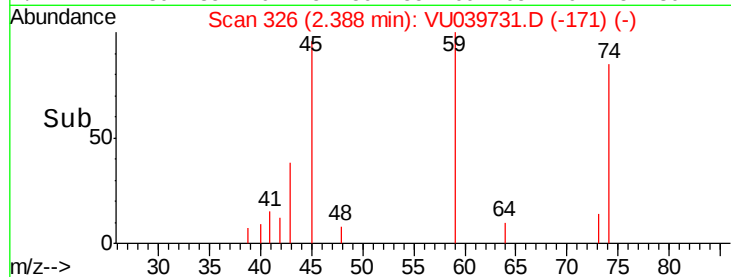
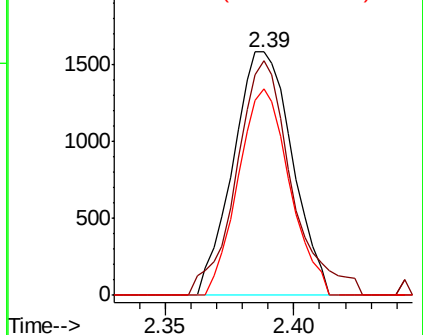
#23
Diethyl Ether
Concen: 0.367 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 59 Resp: 2521
Ion Ratio Lower Upper
59 100
45 90.2 61.5 92.3
74 73.8 54.3 81.5

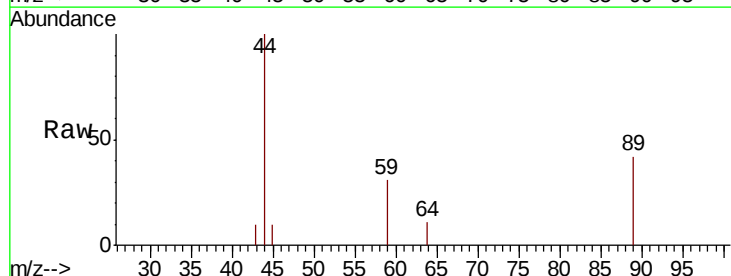


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

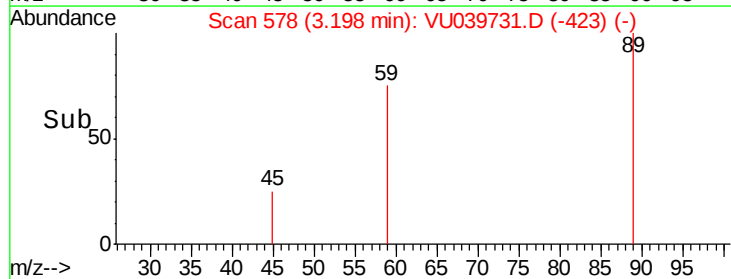
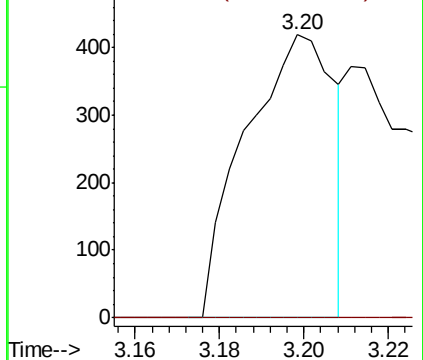


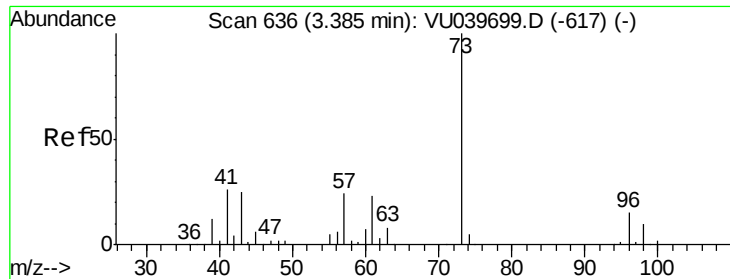
#24
tert-Butyl Alcohol
Concen: 0.501 ug/l
RT: 3.20 min Scan# 578
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 59 Resp: 613
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



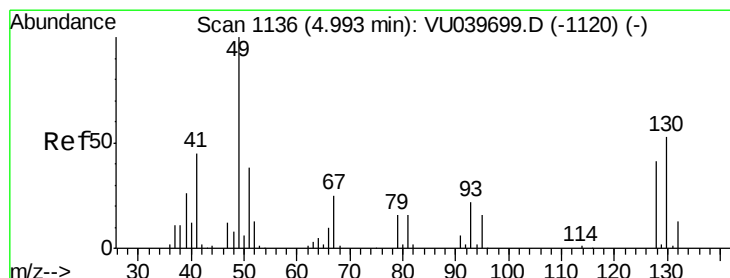
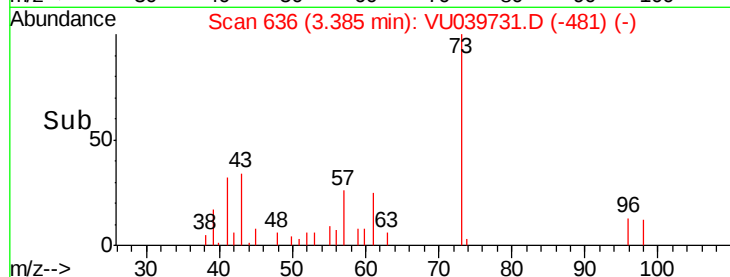
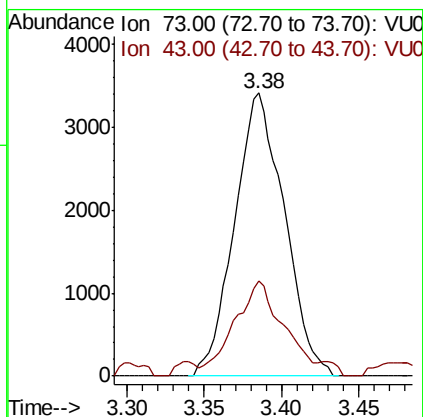
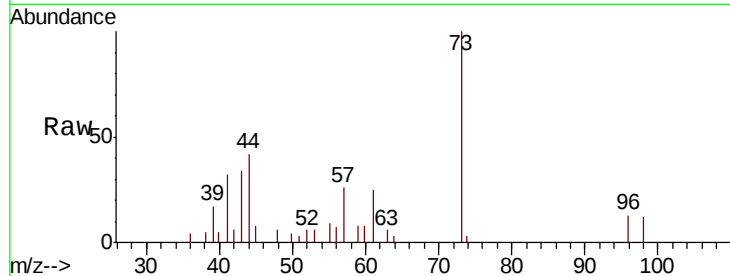


#25

Methyl tert-Butyl Ether
 Concen: 0.348 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Instrument :
 MSVOA_U
 ClientSampleId :

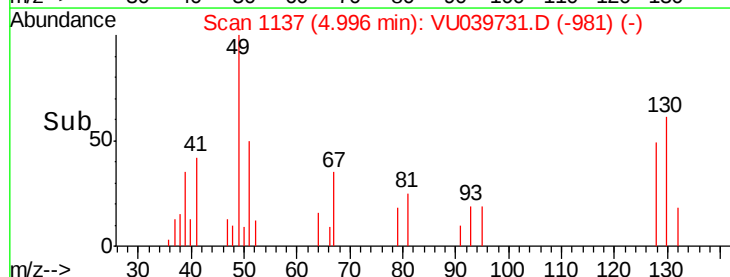
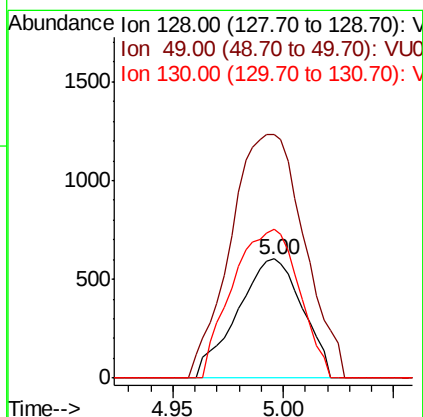
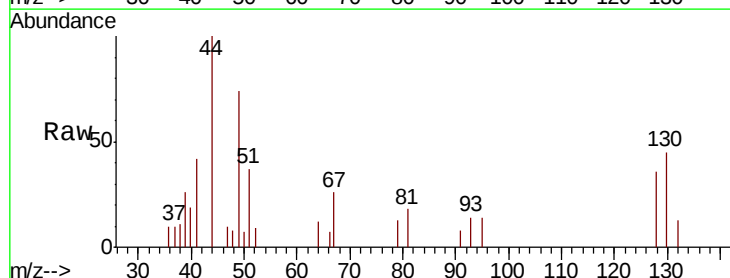
Tot Ion: 73 Resp: 7636
 Ion Ratio Lower Upper
 73 100
 43 27.2 20.1 30.1

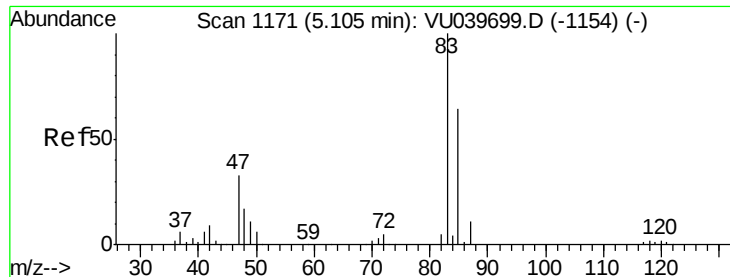


#26

Bromochloromethane
 Concen: 0.367 ug/l
 RT: 5.00 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion: 128 Resp: 1236
 Ion Ratio Lower Upper
 128 100
 49 230.5 0.0 503.8
 130 128.1 102.7 154.1

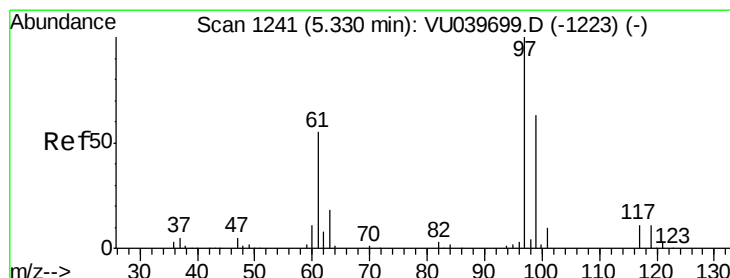
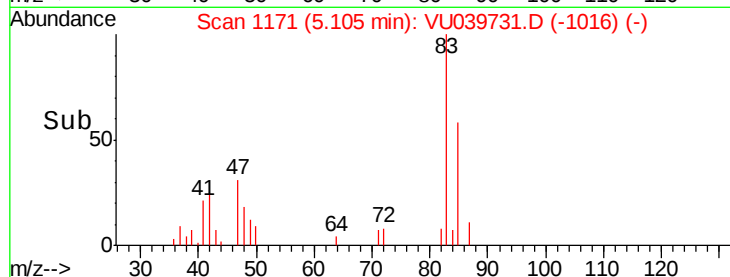
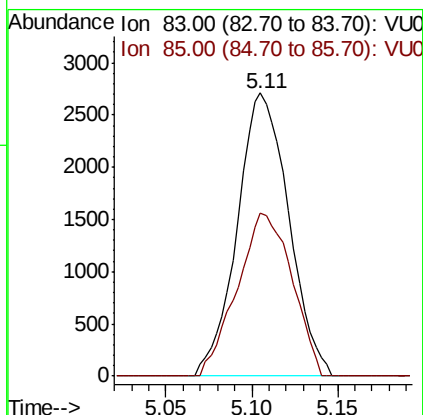
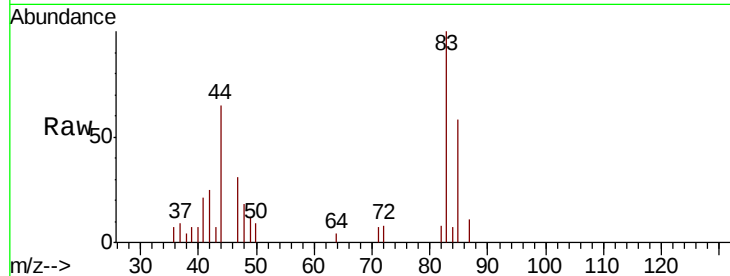




#27
Chloroform
Concen: 0.358 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

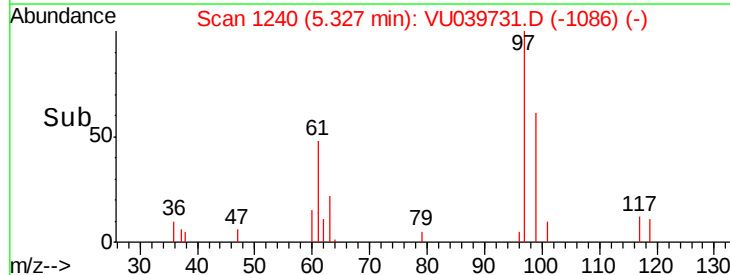
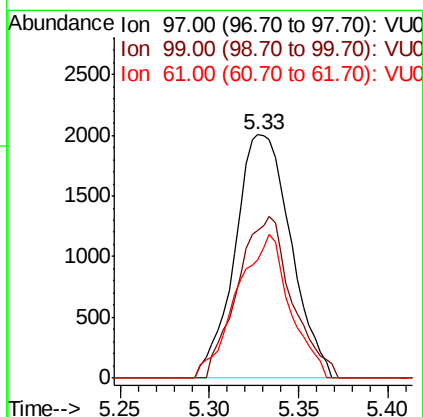
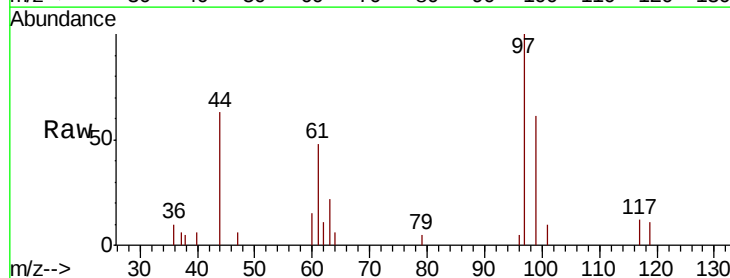
Instrument :
MSVOA_U
ClientSampled :

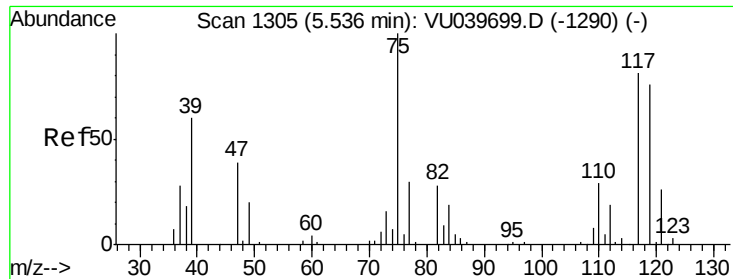
Tot Ion: 83 Resp: 5626
Ion Ratio Lower Upper
83 100
85 57.5 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 0.344 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 97 Resp: 4373
Ion Ratio Lower Upper
97 100
99 64.7 32.2 96.6
61 55.7 28.3 85.0

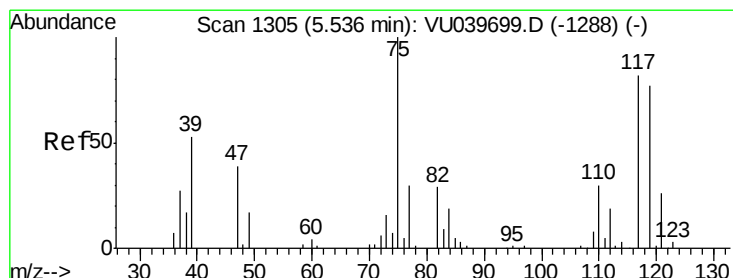
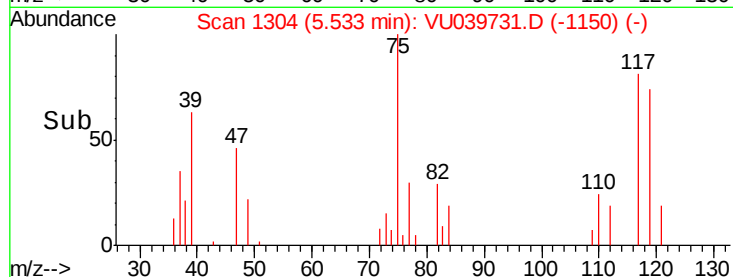
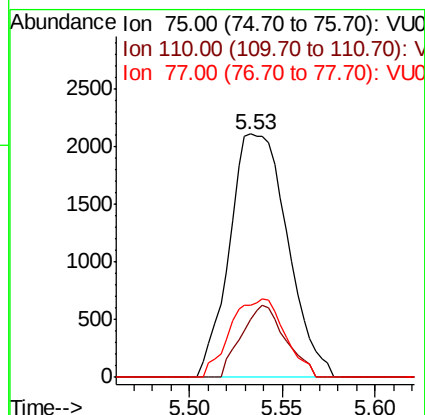
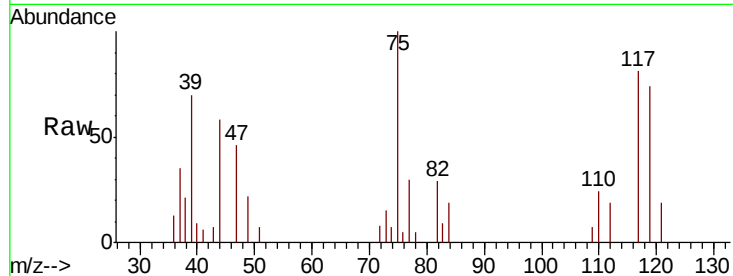




#29
 1,1-Dichloropropene
 Concen: 0.374 ug/l
 RT: 5.53 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

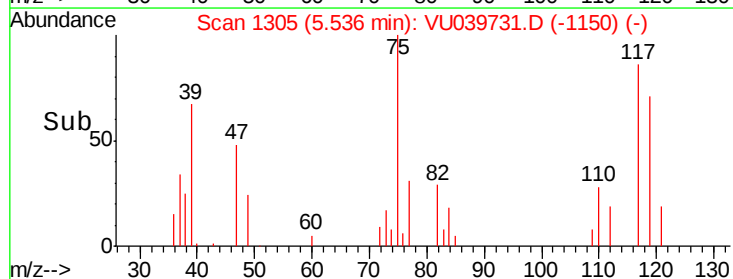
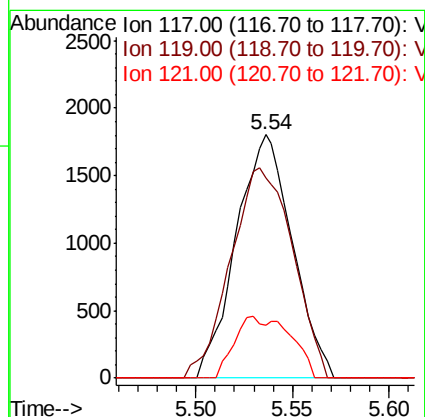
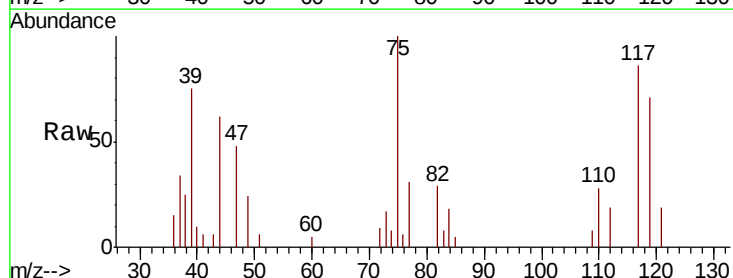
Instrument :
 MSVOA_U
 ClientSampleId :

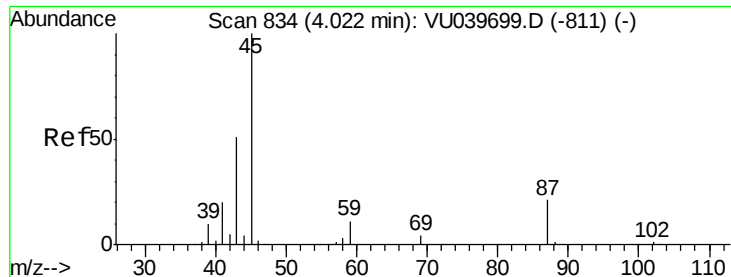
Tot Ion: 75 Resp: 4582
 Ion Ratio Lower Upper
 75 100
 110 22.6 14.6 44.0
 77 30.4 25.0 37.4



#30
 Carbon Tetrachloride
 Concen: 0.350 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion: 117 Resp: 3638
 Ion Ratio Lower Upper
 117 100
 119 82.3 75.2 112.8
 121 21.6 25.4 38.2#





#31

Isopropyl Ether

Concen: 0.371 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

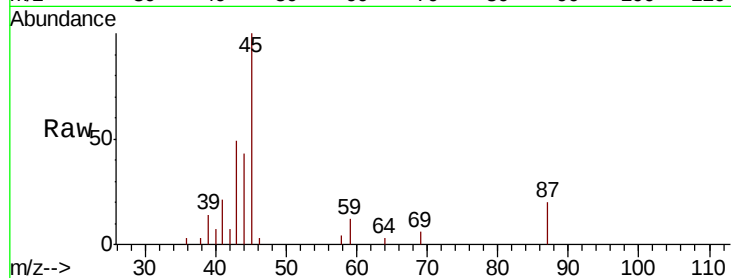
ClientSampleId :

Tot Ion: 45 Resp: 11349

Ion Ratio Lower Upper

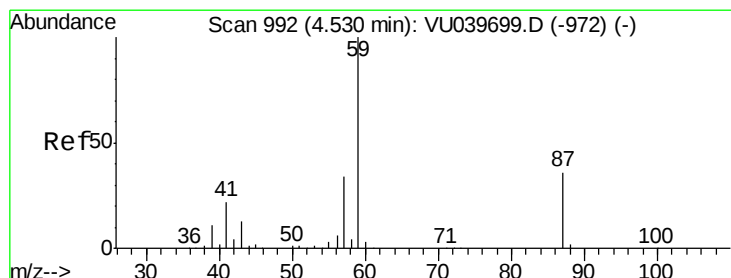
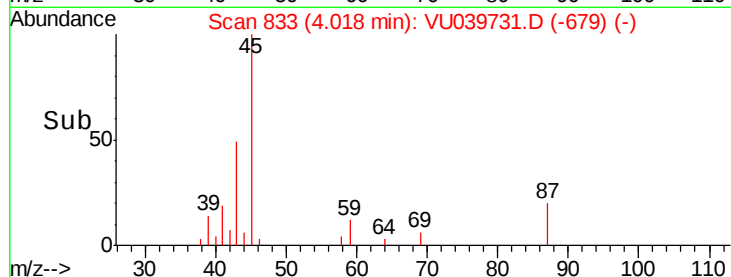
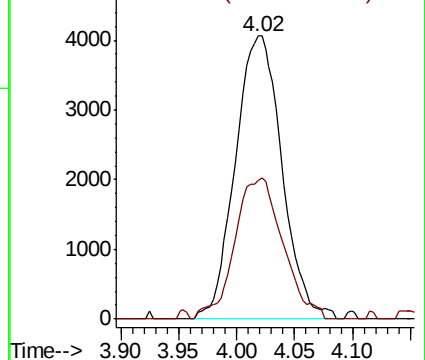
45 100

43 51.5 26.5 79.4



Abundance Ion 45.00 (44.70 to 45.70): VU039731.D (-833) (-)

Ion 43.00 (42.70 to 43.70): VU039731.D (-833) (-)



#32

Ethyl-t-butyl ether

Concen: 0.350 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039731.D

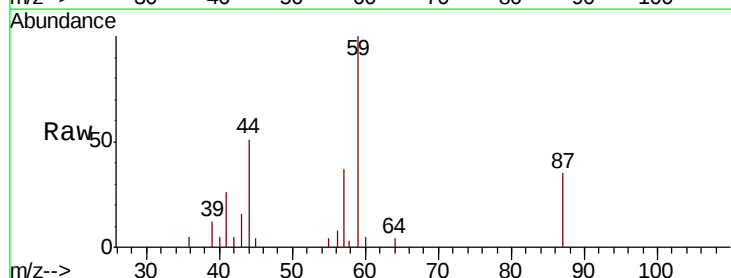
Acq: 31 Jul 2020 13:06

Tgt Ion: 59 Resp: 9110

Ion Ratio Lower Upper

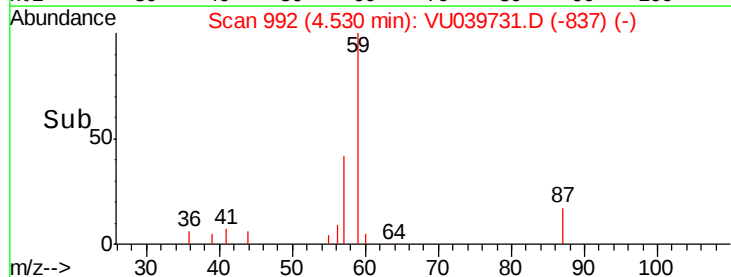
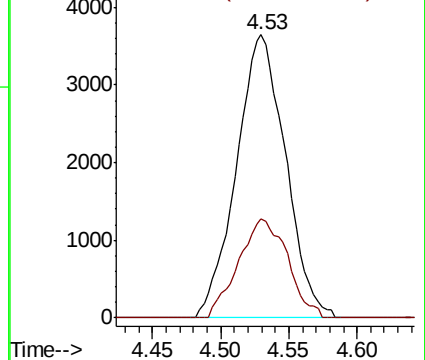
59 100

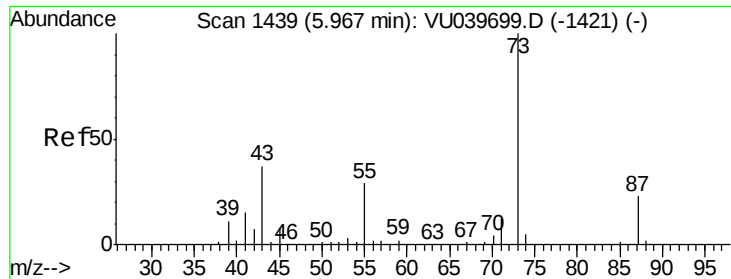
87 34.9 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039731.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU039731.D (-837) (-)

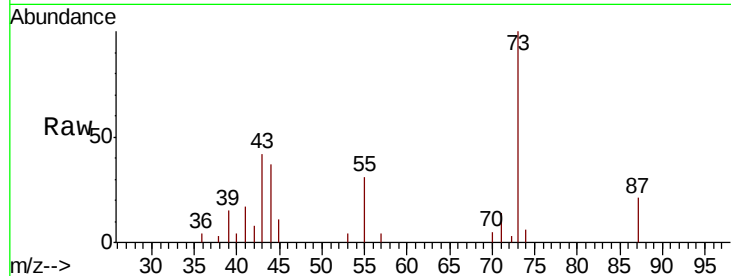




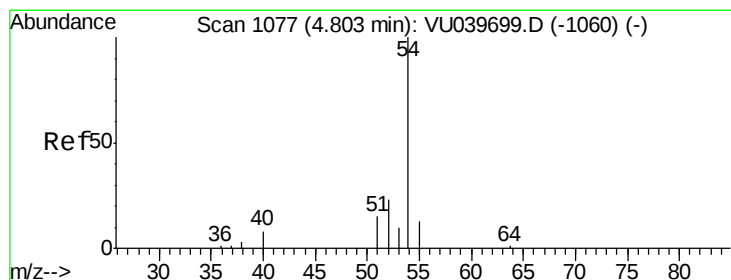
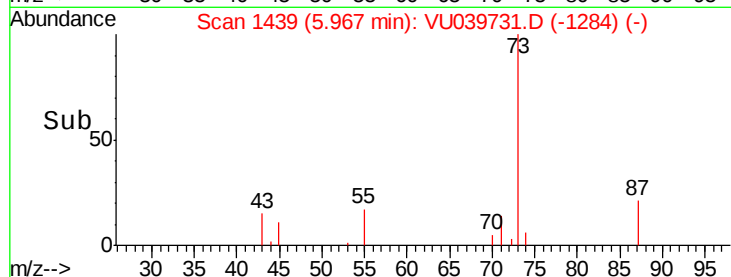
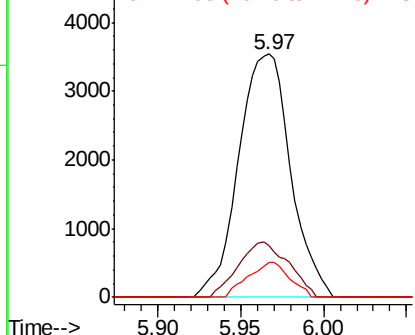
#33
Tert-Butyl methyl ether
Concen: 0.412 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 7743
Ion Ratio Lower Upper
73 100
87 21.8 18.7 28.1
71 11.5 9.1 13.7

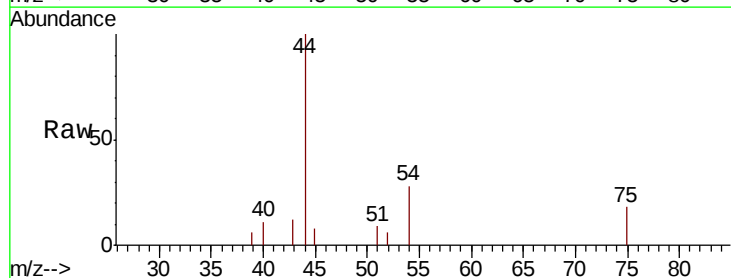


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

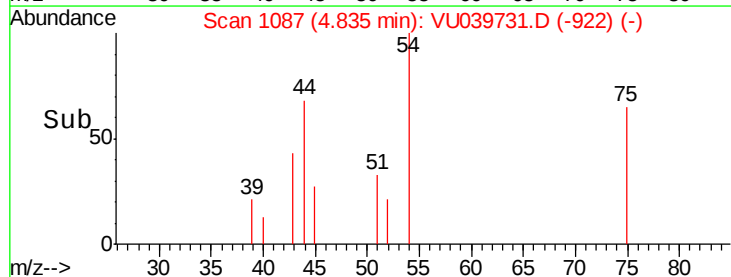
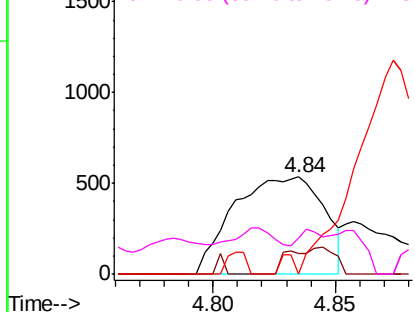


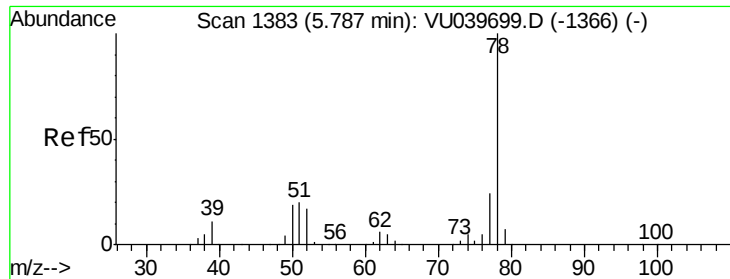
#34
Propionitrile
Concen: 1.488 ug/l
RT: 4.84 min Scan# 1087
Delta R.T. 0.03 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 54 Resp: 1371
Ion Ratio Lower Upper
54 100
52 6.6 16.9 25.3#
55 0.0 12.9 19.3#
40 3.5 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: 0.425 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

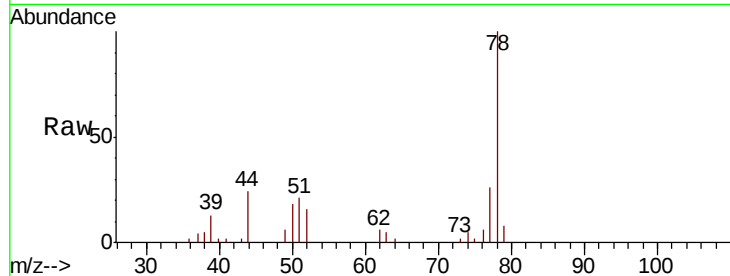
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 12870

Ion Ratio Lower Upper

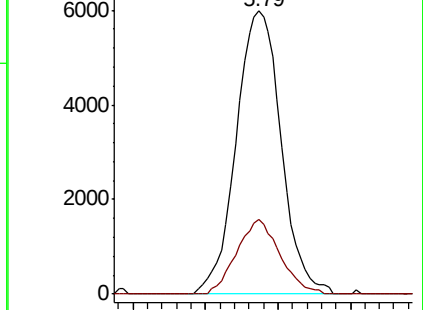
78 100

77 26.3 19.2 28.8

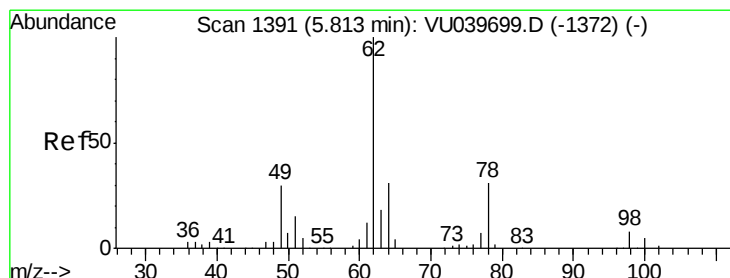
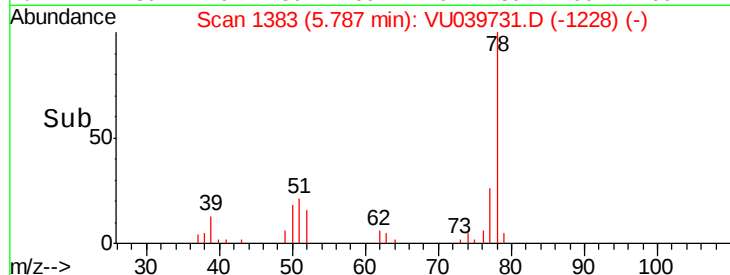


Abundance Ion 78.10 (77.80 to 78.80): VU039731.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU039731.D (-1228) (-)



Time-->



#36

1,2-Dichloroethane

Concen: 0.416 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039731.D

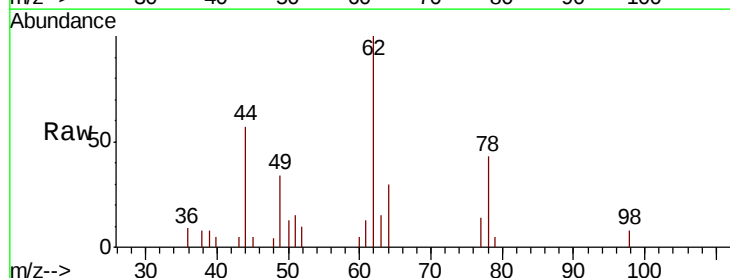
Acq: 31 Jul 2020 13:06

Tgt Ion: 62 Resp: 4720

Ion Ratio Lower Upper

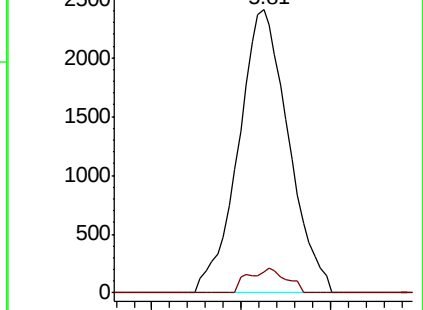
62 100

98 6.6 6.2 9.2

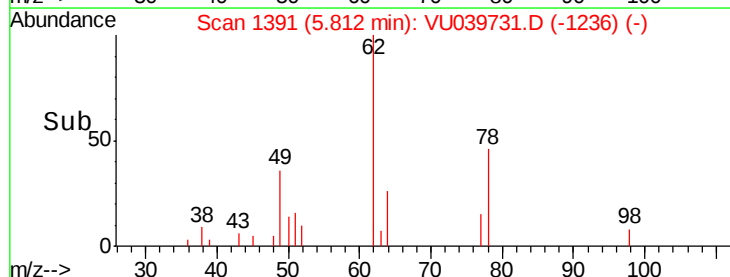


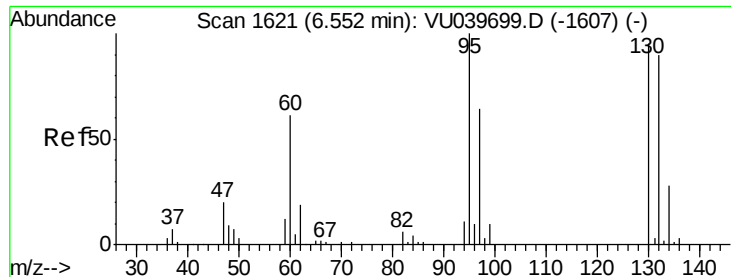
Abundance Ion 62.00 (61.70 to 62.70): VU039731.D (-1236) (-)

Ion 98.00 (97.70 to 98.70): VU039731.D (-1236) (-)



Time-->

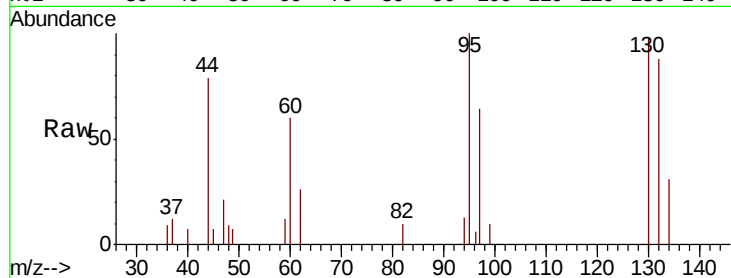




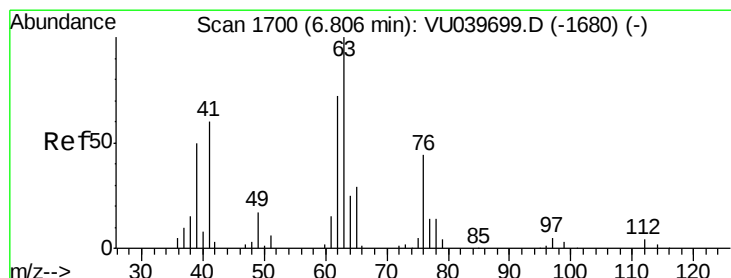
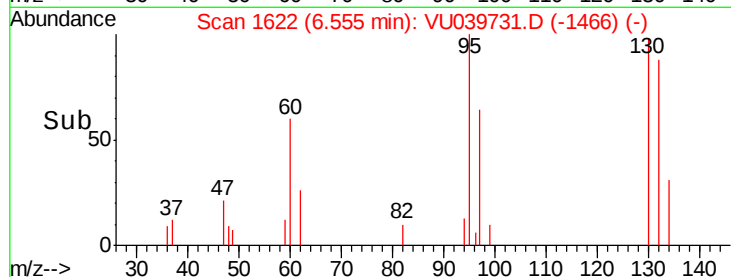
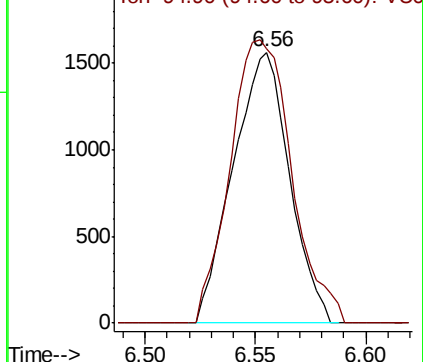
#37
 Trichloroethene
 Concen: 0.401 ug/l
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:130 Resp: 2776
 Ion Ratio Lower Upper
 130 100
 95 101.5 84.3 126.5

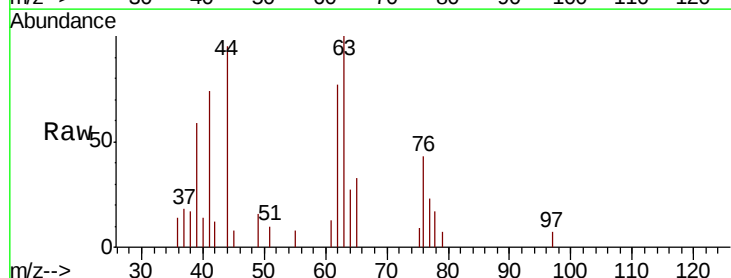


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

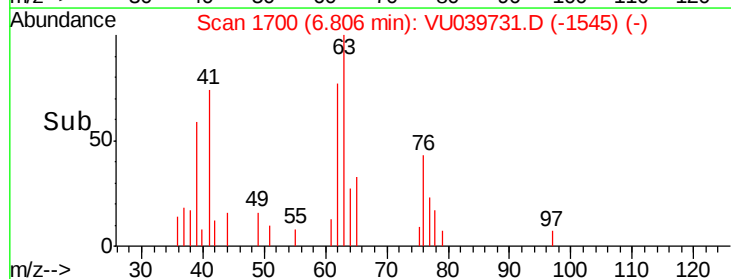
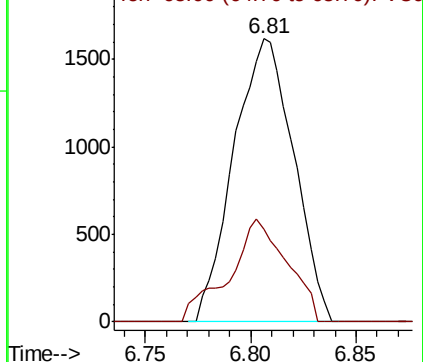


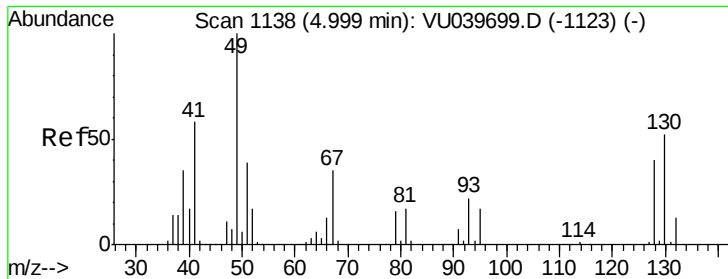
#38
 1,2-Dichloropropane
 Concen: 0.382 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion: 63 Resp: 3191
 Ion Ratio Lower Upper
 63 100
 65 32.9 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) (-)

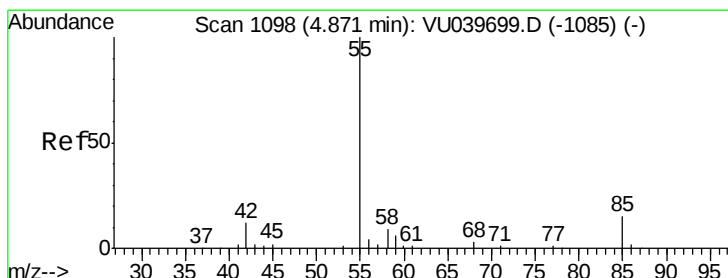
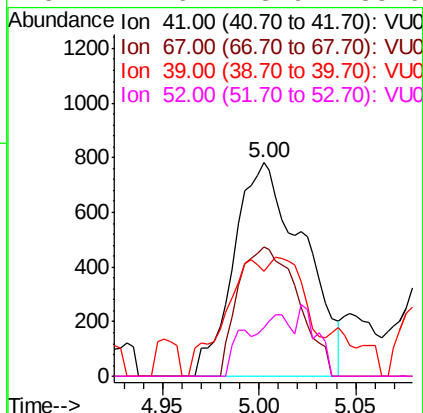
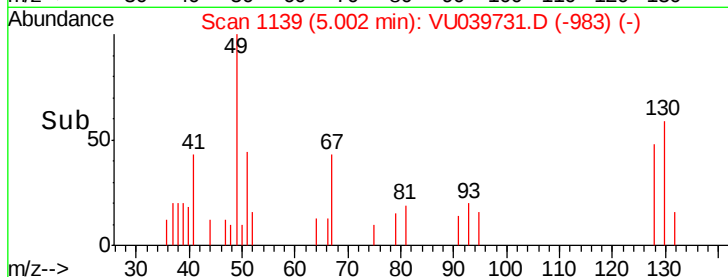
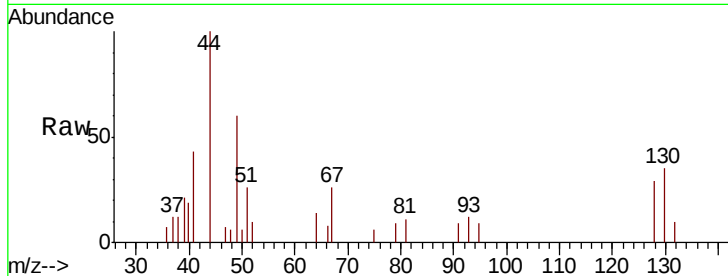




#39
Methacrylonitrile
Concen: 0.404 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

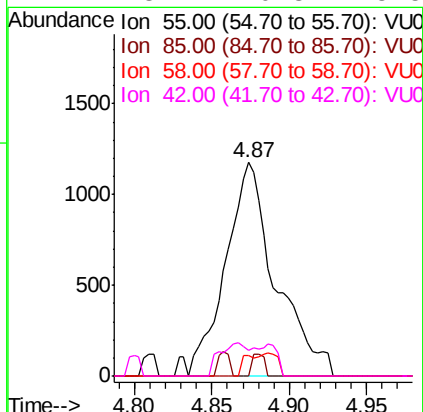
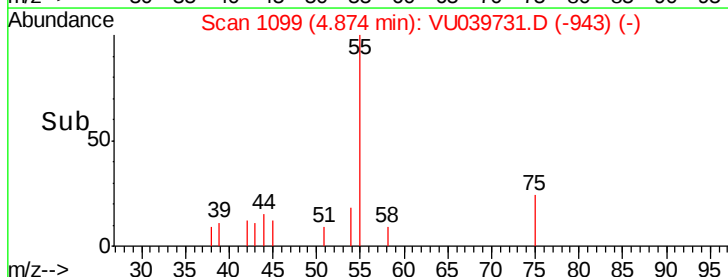
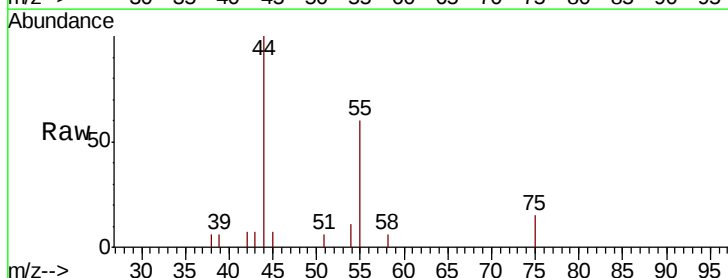
Instrument :
MSVOA_U
ClientSampled :

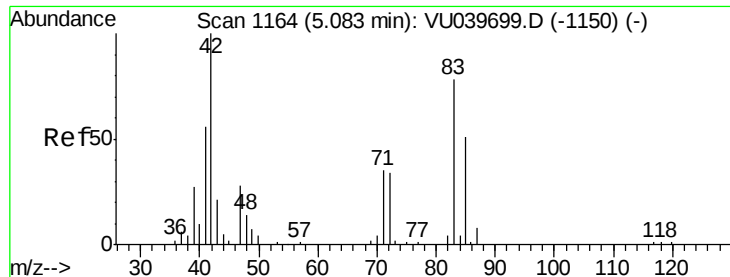
Tot Ion: 41 Resp: 1963
Ion Ratio Lower Upper
41 100
67 51.9 48.3 72.5
39 0.0 47.6 71.4#
52 11.6 23.9 35.9#



#40
Methyl acrylate
Concen: 0.422 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 55 Resp: 2641
Ion Ratio Lower Upper
55 100
85 0.0 11.4 17.0#
58 2.3 7.4 11.0#
42 8.7 10.3 15.5#





#41

Tetrahydrofuran

Concen: 0.868 ug/l

RT: 5.10 min Scan# 1170

Delta R.T. 0.02 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :
MSVOA_U
ClientSampleId :

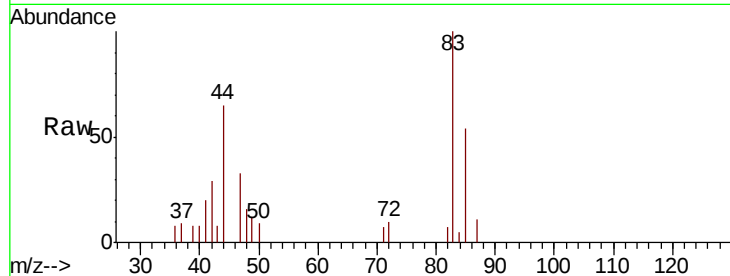
Tot Ion: 42 Resp: 2120

Ion Ratio Lower Upper

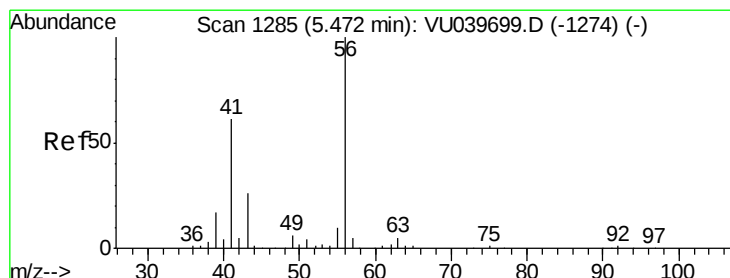
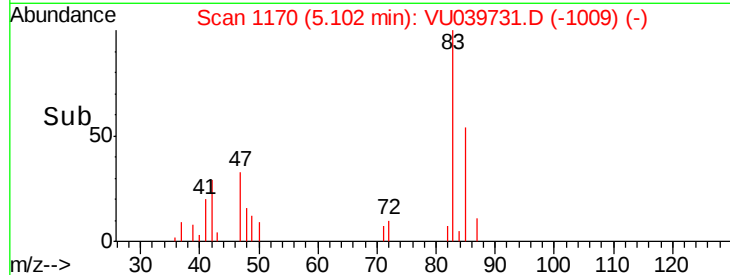
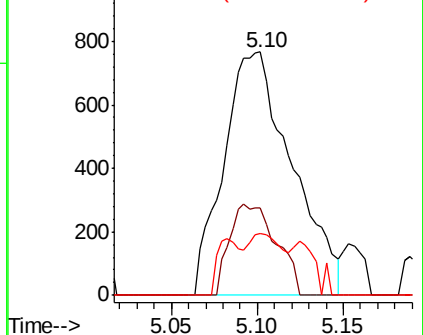
42 100

72 25.4 31.0 46.6#

71 5.1 28.2 42.4#



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 0.366 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039731.D

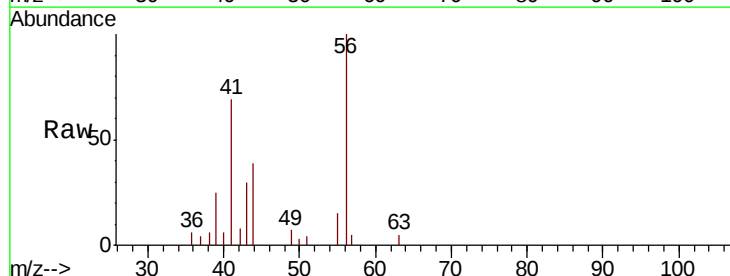
Acq: 31 Jul 2020 13:06

Tgt Ion: 56 Resp: 7039

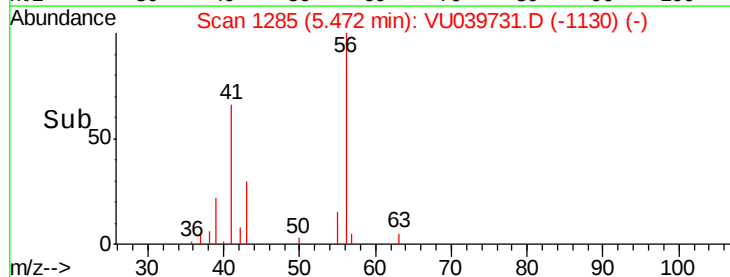
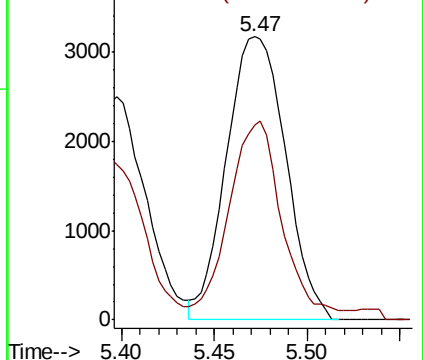
Ion Ratio Lower Upper

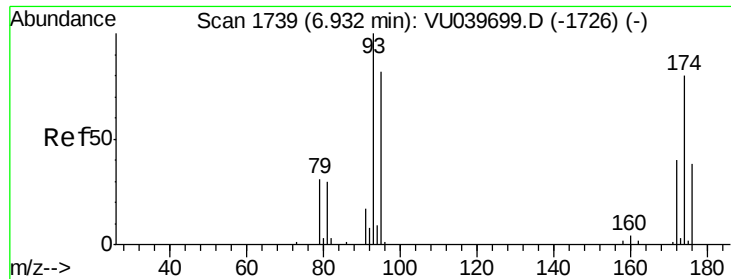
56 100

41 58.2 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 0.396 ug/l

RT: 6.93 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

ClientSampleId :

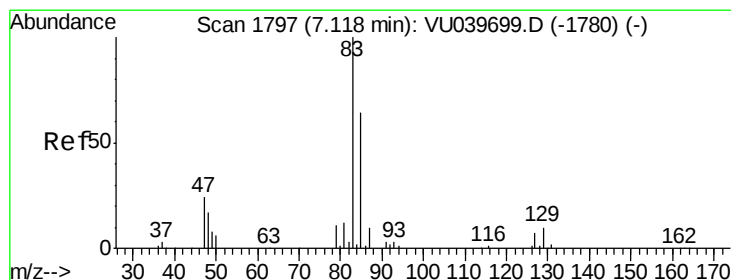
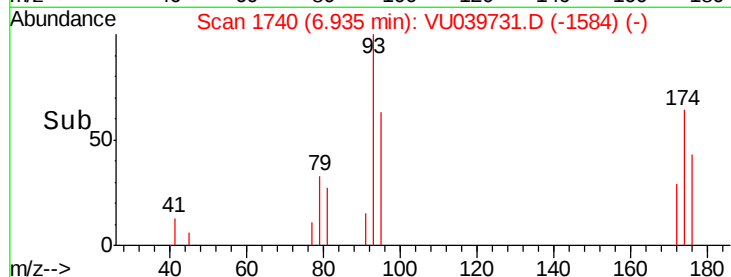
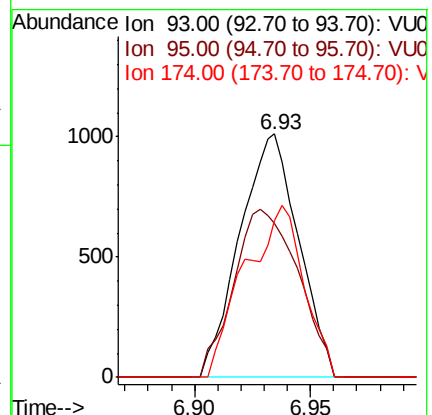
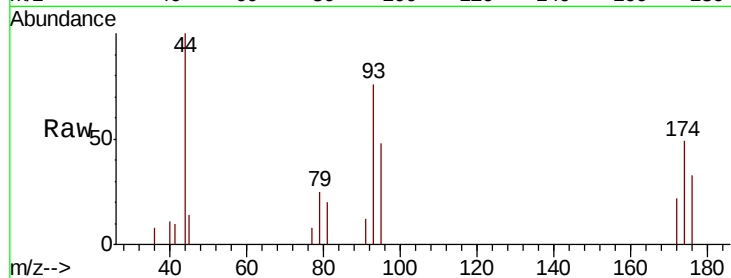
Tot Ion: 93 Resp: 1777

Ion Ratio Lower Upper

93 100

95 75.8 66.6 99.8

174 71.1 62.7 94.1



#44

Bromodichloromethane

Concen: 0.361 ug/l

RT: 7.12 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

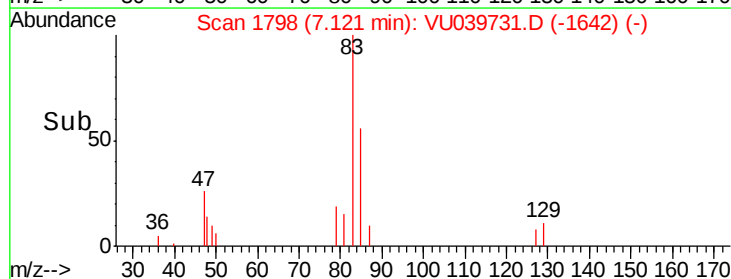
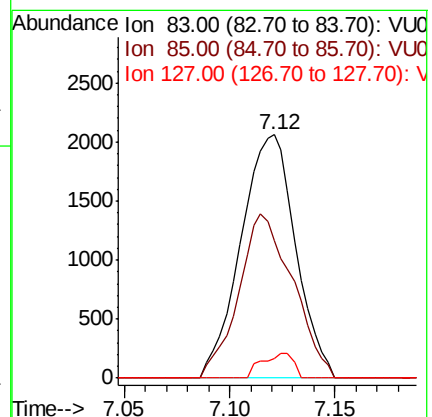
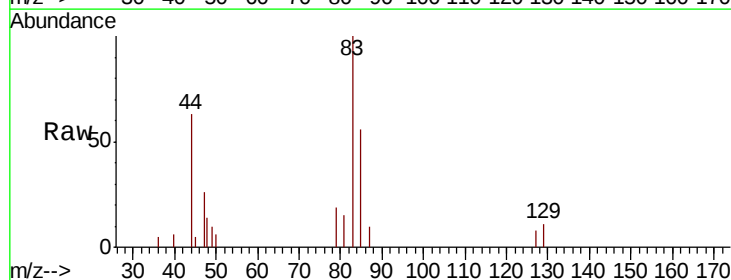
Tgt Ion: 83 Resp: 3713

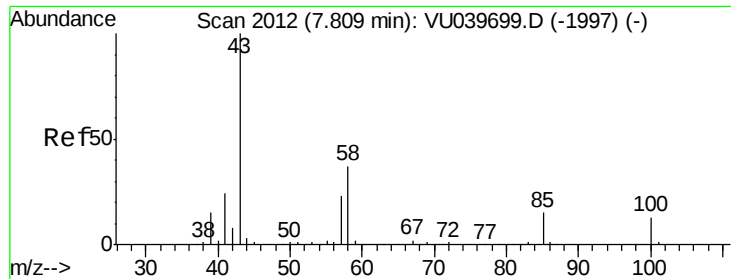
Ion Ratio Lower Upper

83 100

85 56.3 50.8 76.2

127 8.2 5.8 8.6





#45

4-Methyl-2-Pentanone

Concen: 1.901 ug/l

RT: 7.82 min Scan# 2014

Delta R.T. 0.01 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

ClientSampleId :

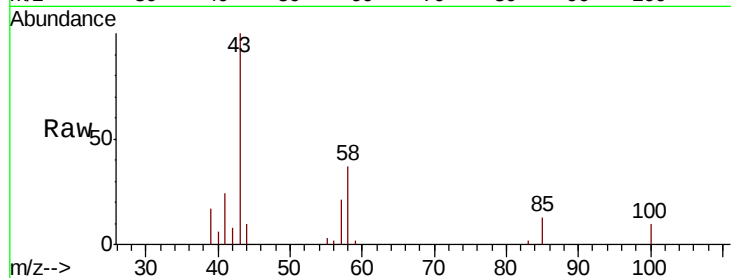
Tot Ion: 43 Resp: 12930

Ion Ratio Lower Upper

43 100

58 34.8 18.4 55.0

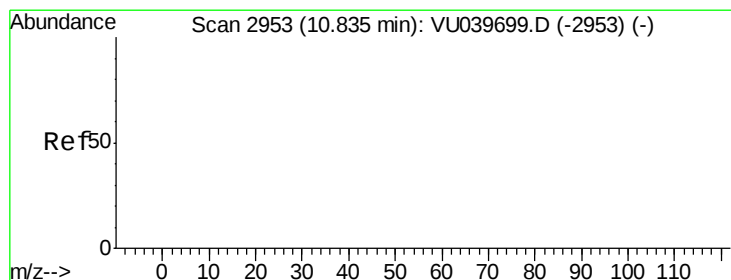
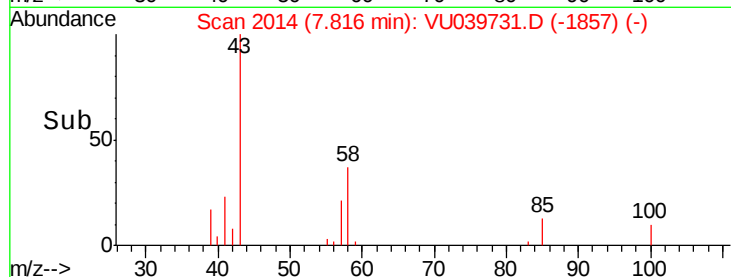
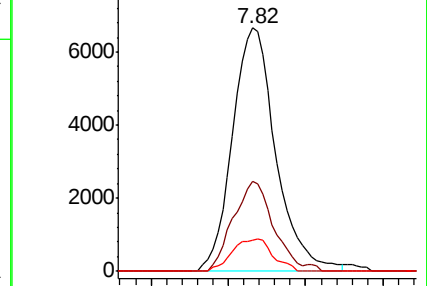
85 12.4 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-1997) (-)

Ion 58.00 (57.70 to 58.70): VU039699.D (-1997) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1997) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 1.597 ug/l

RT: 10.83 min Scan# 2951

Delta R.T. -0.01 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Tgt Ion: 75 Resp: 3231

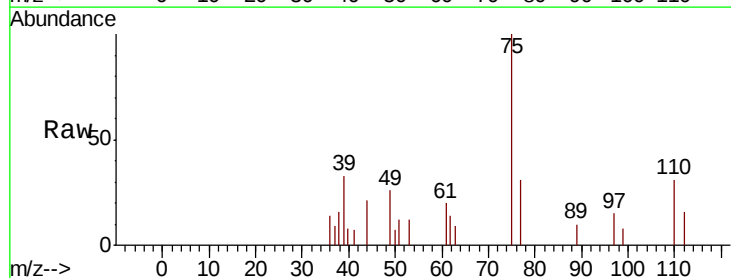
Ion Ratio Lower Upper

75 100

53 39.7 78.6 118.0#

89 16.5 40.3 60.5#

88 16.1 34.0 51.0#

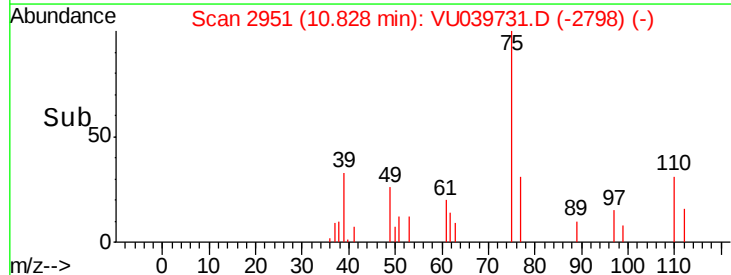
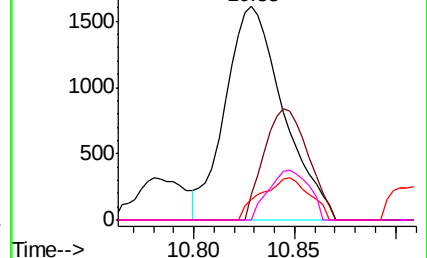


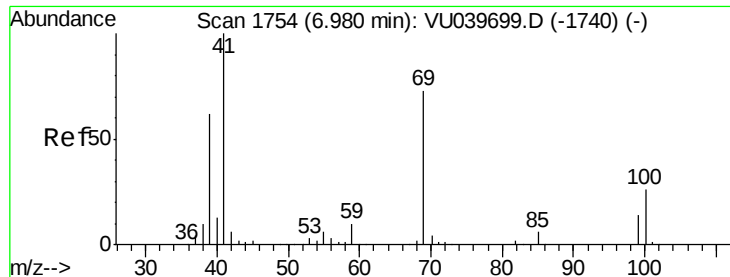
Abundance Ion 74.90 (74.60 to 75.60): VU039699.D (-2953) (-)

Ion 53.00 (52.70 to 53.70): VU039699.D (-2953) (-)

Ion 88.80 (88.50 to 89.50): VU039699.D (-2953) (-)

Ion 87.80 (87.50 to 88.50): VU039699.D (-2953) (-)

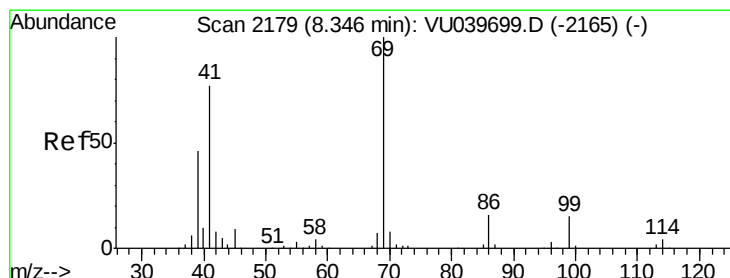
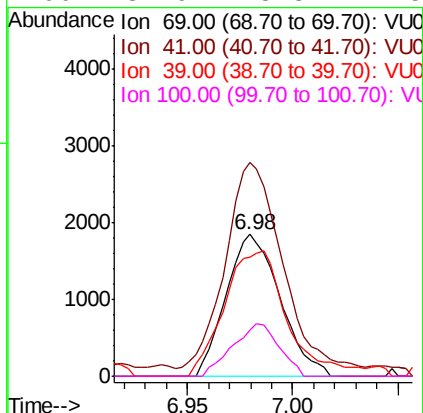
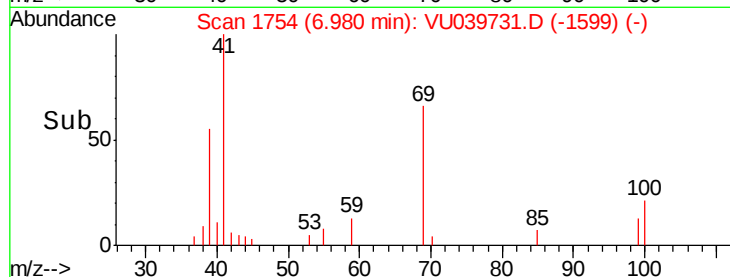
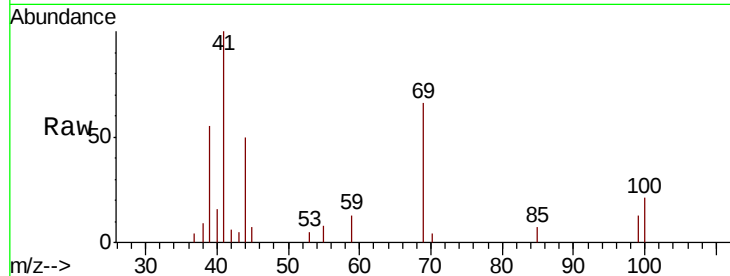




#47
Methyl methacrylate
Concen: 0.783 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

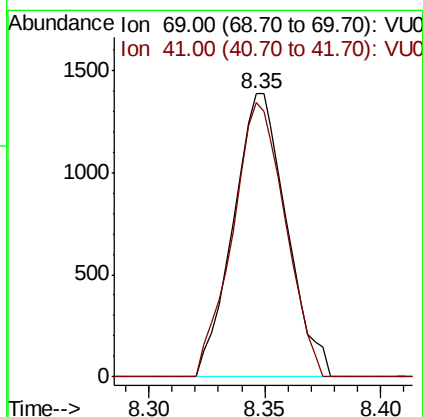
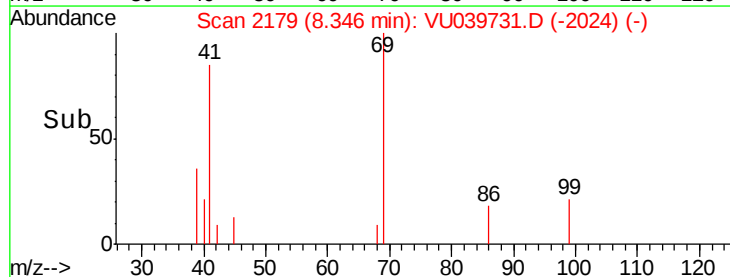
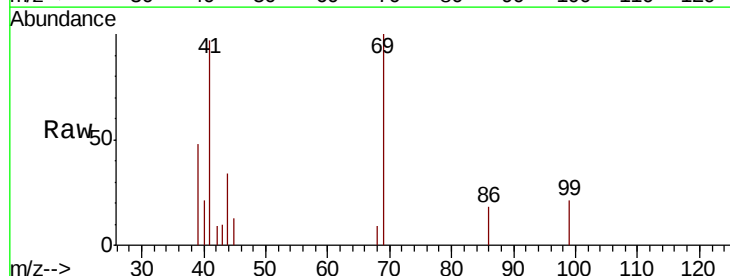
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 69 Resp: 3281
Ion Ratio Lower Upper
69 100
41 149.8 0.0 271.6
39 103.1 67.4 101.2#
100 31.9 28.3 42.5



#48
Ethyl methacrylate
Concen: 0.287 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 69 Resp: 2213
Ion Ratio Lower Upper
69 100
41 95.8 39.1 117.5





#49

Toluene

Concen: 0.307 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

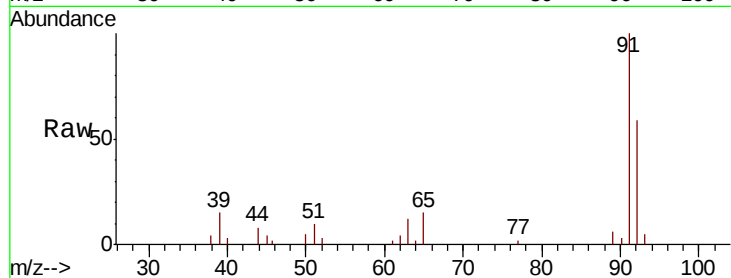
ClientSampleId :

Tot Ion: 92 Resp: 5535

Ion Ratio Lower Upper

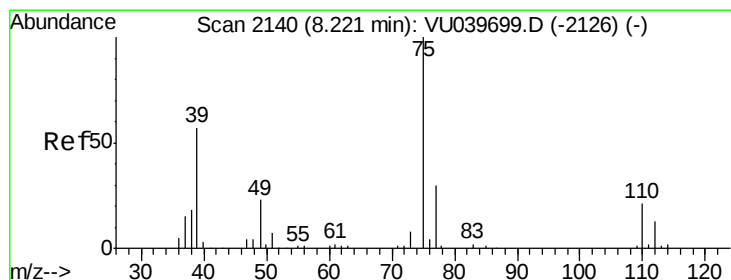
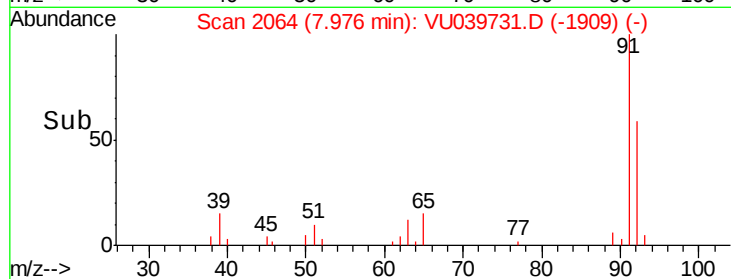
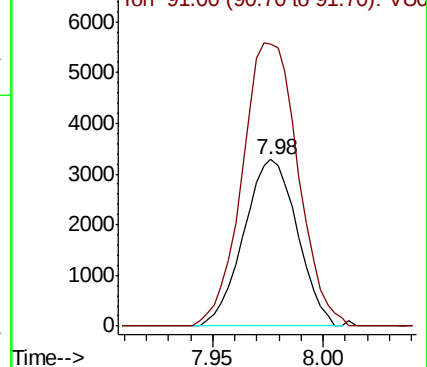
92 100

91 177.7 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039731.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU039731.D (-1909) (-)



#50

t-1,3-Dichloropropene

Concen: 0.288 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039731.D

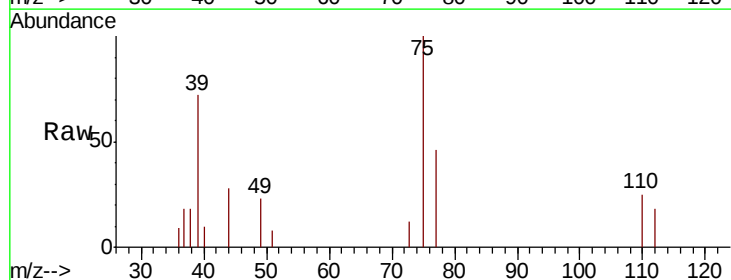
Acq: 31 Jul 2020 13:06

Tgt Ion: 75 Resp: 2672

Ion Ratio Lower Upper

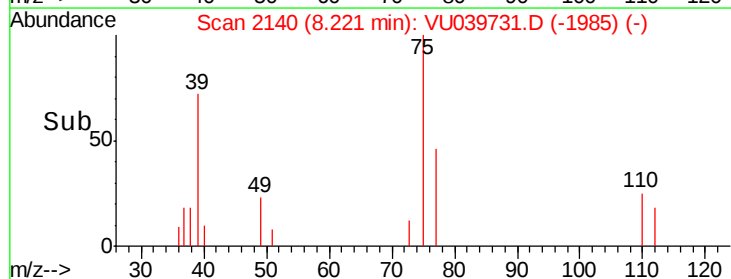
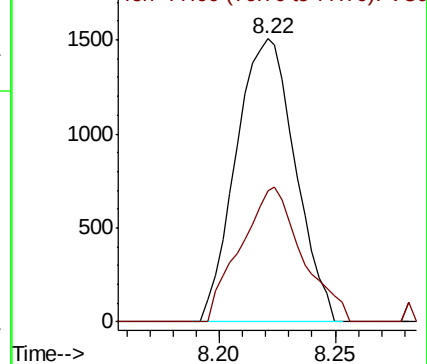
75 100

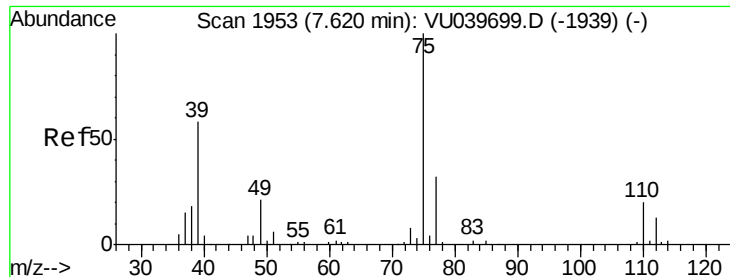
77 46.1 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): VU039731.D (-1985) (-)

Ion 77.00 (76.70 to 77.70): VU039731.D (-1985) (-)



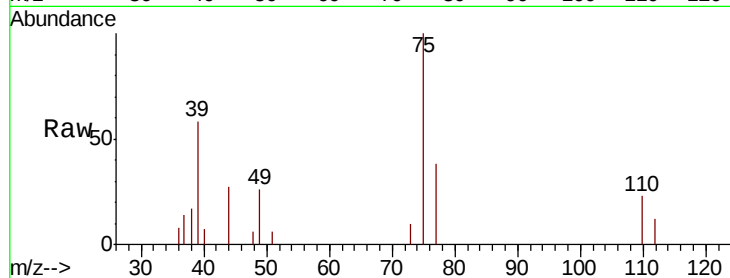


#51

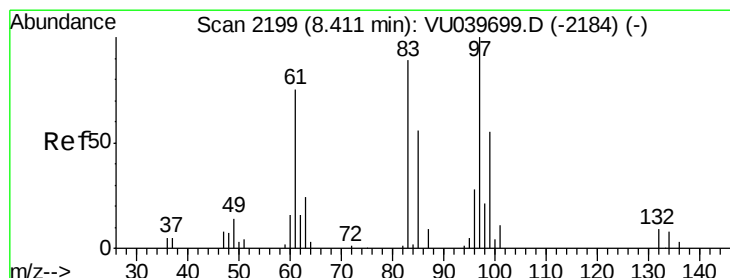
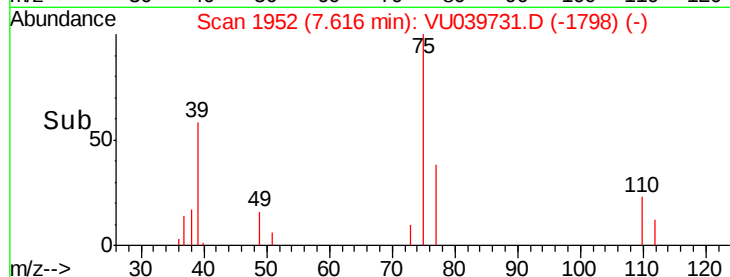
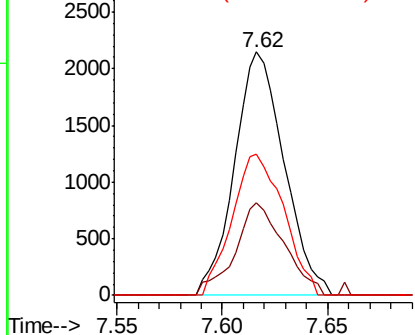
cis-1,3-Dichloropropene
Concen: 0.322 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 3514
Ion Ratio Lower Upper
75 100
77 38.0 25.7 38.5
39 58.2 46.1 69.1



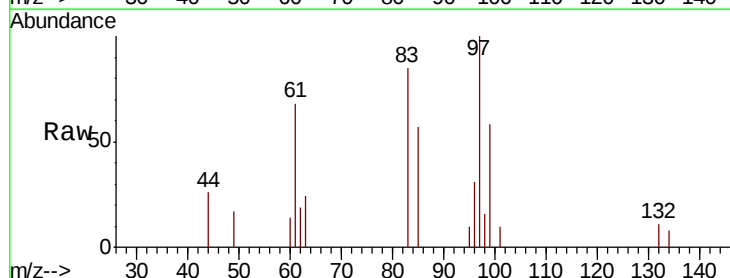
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



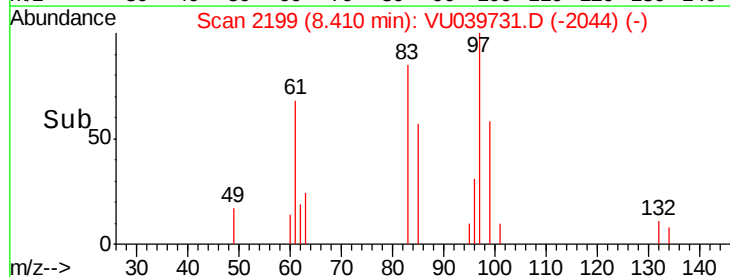
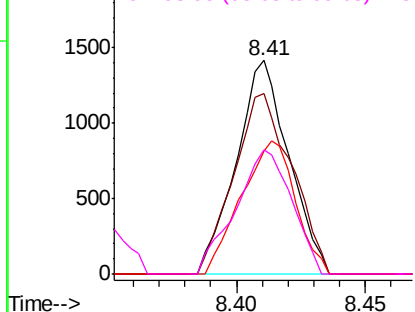
#52

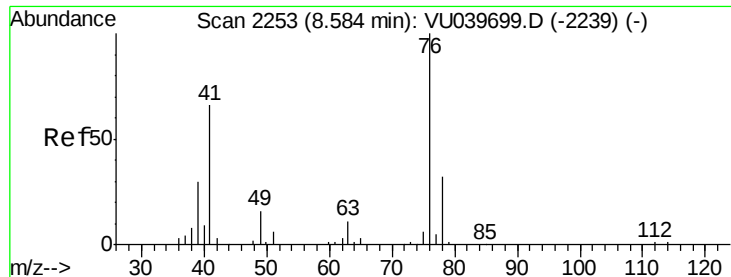
1,1,2-Trichloroethane
Concen: 0.346 ug/l
RT: 8.41 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 97 Resp: 2017
Ion Ratio Lower Upper
97 100
83 84.6 71.3 106.9
85 57.5 45.4 68.2
99 58.1 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

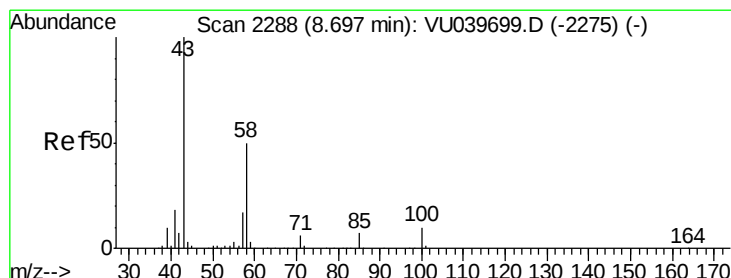
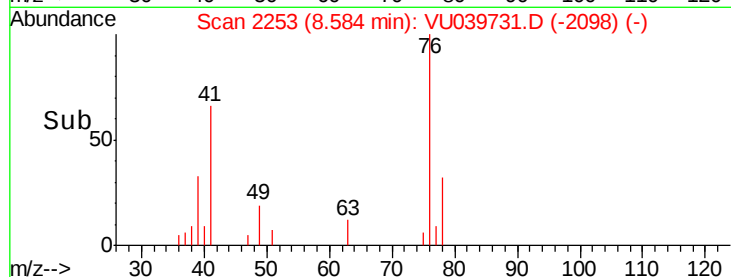
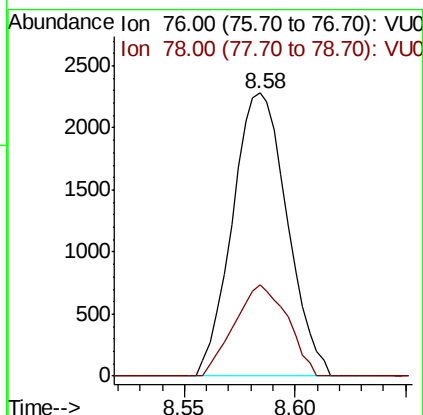
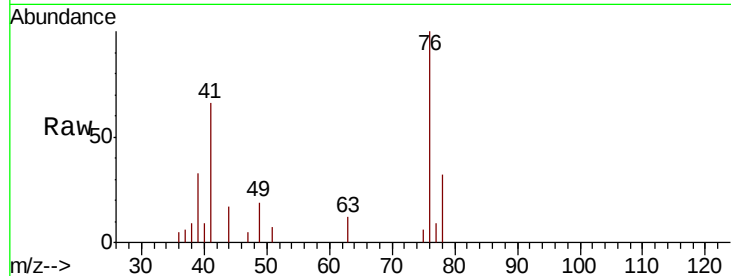




#53
 1,3-Dichloropropane
 Concen: 0.350 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

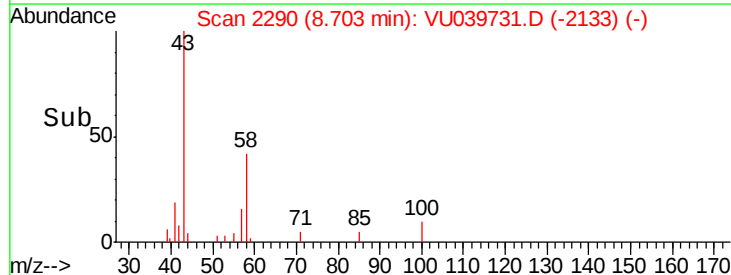
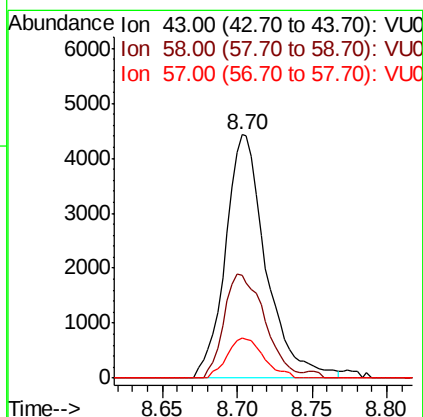
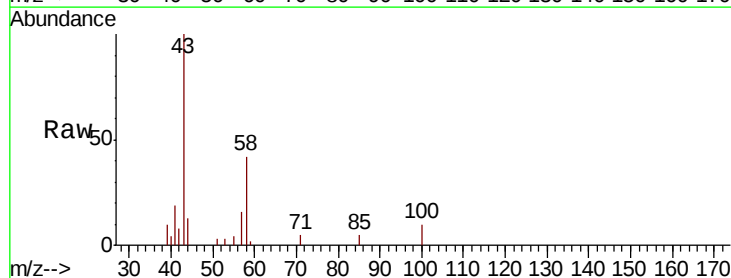
Instrument :
 MSVOA_U
 ClientSampleId :

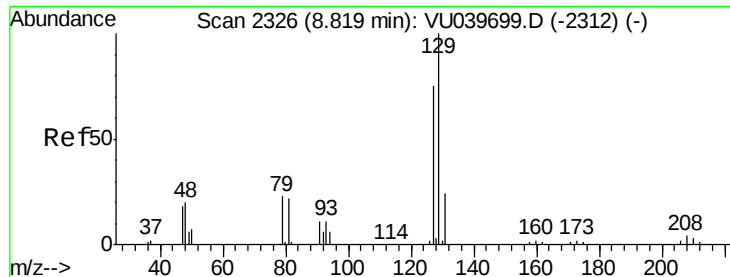
Tot Ion: 76 Resp: 3918
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.4 38.2



#54
 2-Hexanone
 Concen: 1.711 ug/l
 RT: 8.70 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion: 43 Resp: 8332
 Ion Ratio Lower Upper
 43 100
 58 43.2 29.9 69.9
 57 14.9 0.0 37.2





#55

Dibromochloromethane

Concen: 0.289 ug/l

RT: 8.82 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

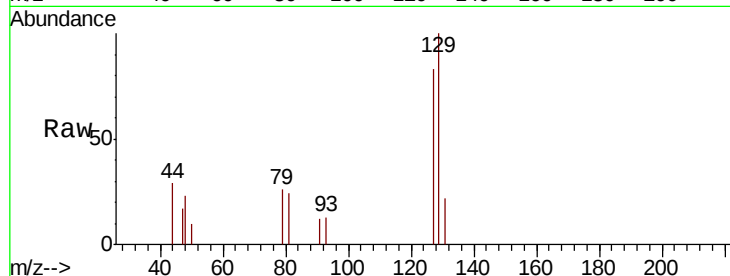
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 1812

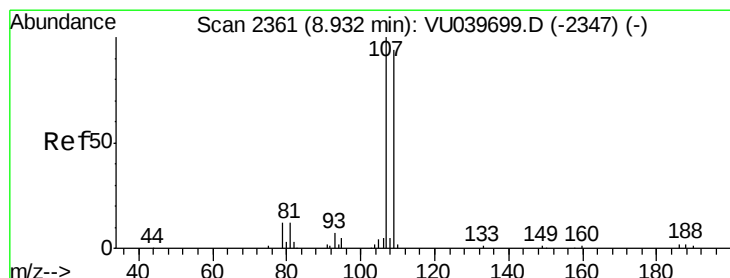
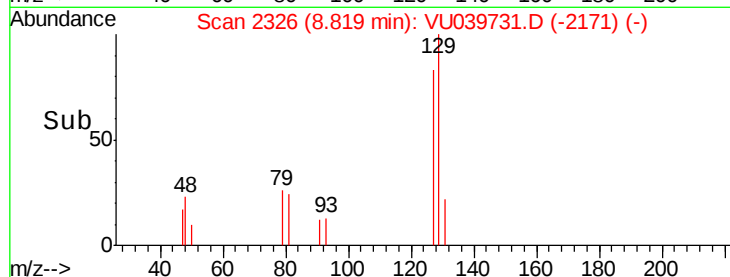
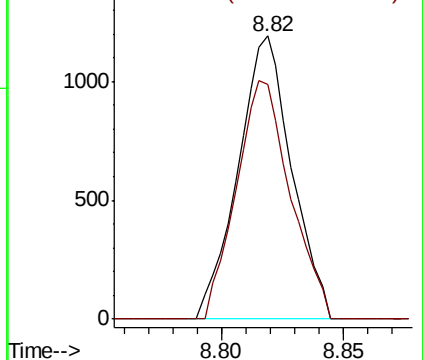
Ion Ratio Lower Upper

129 100

127 84.7 62.4 93.6



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



#56

1,2-Dibromoethane

Concen: 0.329 ug/l

RT: 8.93 min Scan# 2361

Delta R.T. -0.00 min

Lab File: VU039731.D

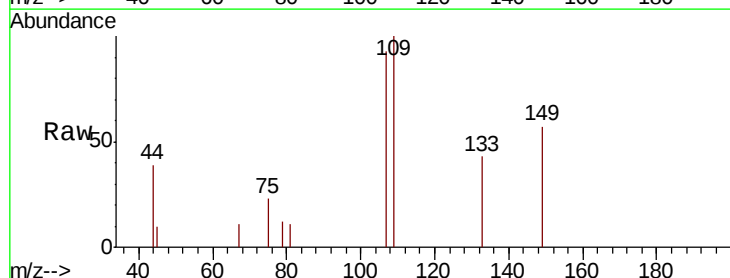
Acq: 31 Jul 2020 13:06

Tgt Ion:107 Resp: 1850

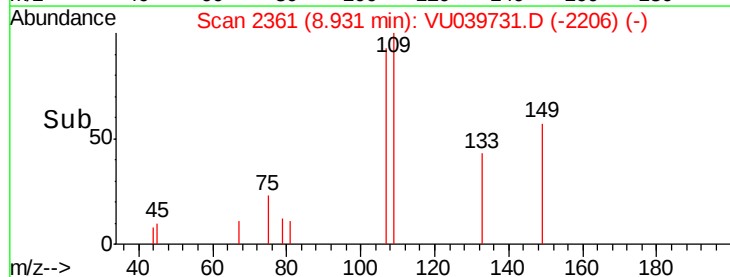
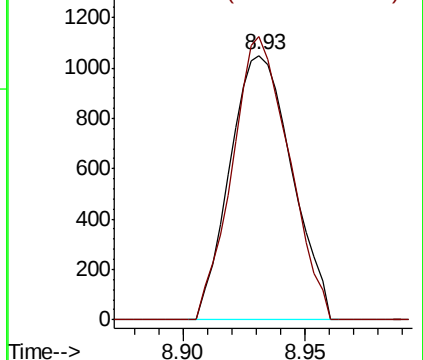
Ion Ratio Lower Upper

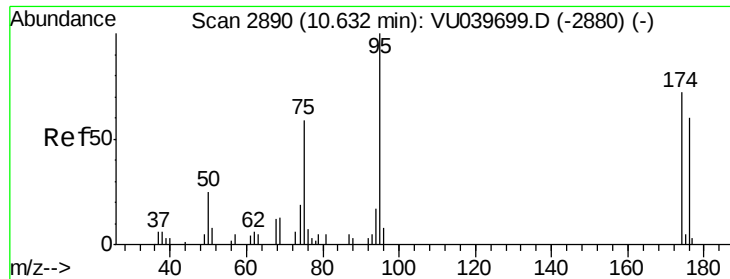
107 100

109 98.3 0.0 185.2



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

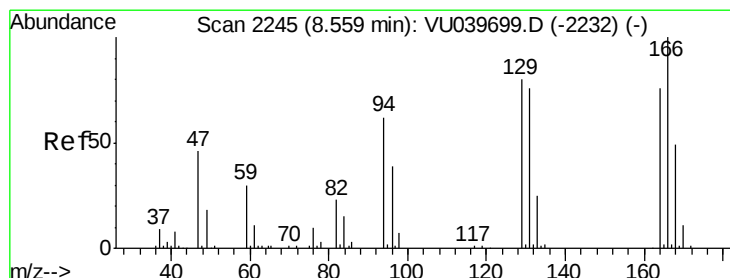
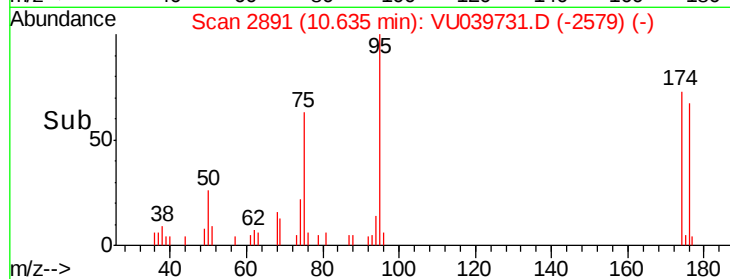
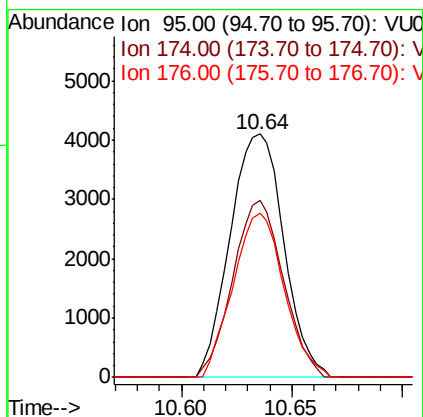
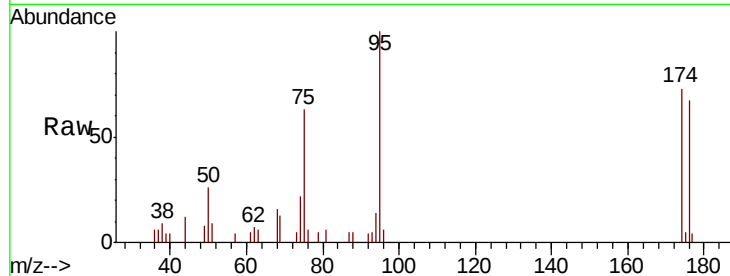




#57
4-Bromofluorobenzene
Concen: 0.733 ug/l
RT: 10.64 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

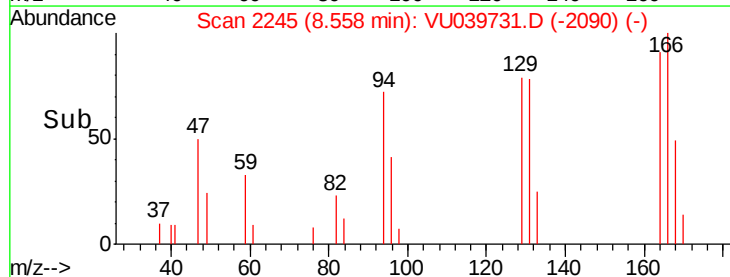
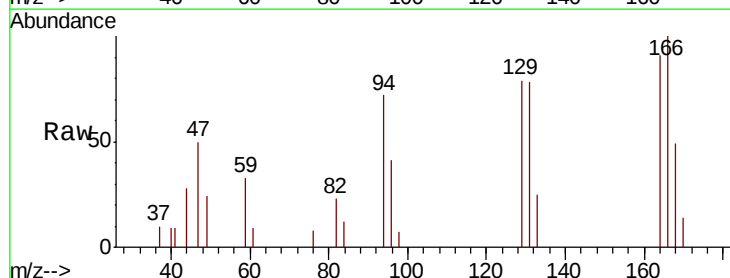
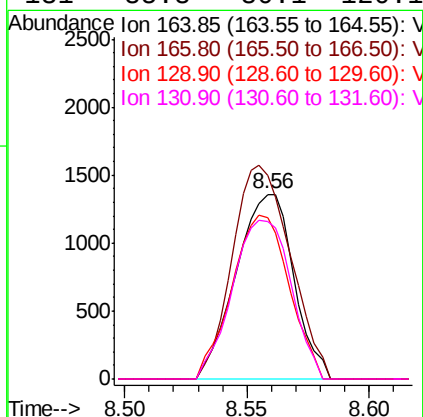
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 6928
Ion Ratio Lower Upper
95 100
174 68.3 57.0 85.4
176 64.1 50.2 75.2



#58
Tetrachloroethene
Concen: 0.367 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion: 164 Resp: 2224
Ion Ratio Lower Upper
164 100
166 110.2 104.8 157.2
129 87.2 84.1 126.1
131 85.8 80.1 120.1

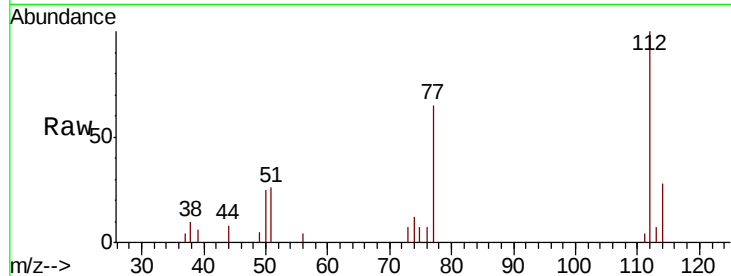




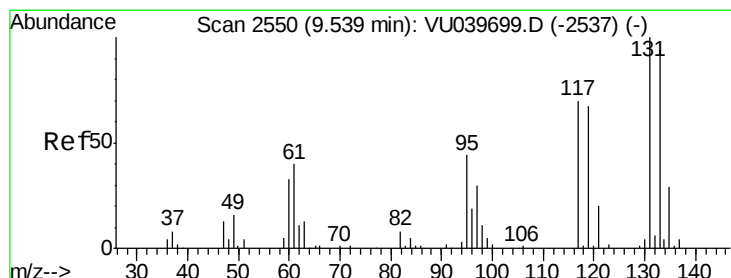
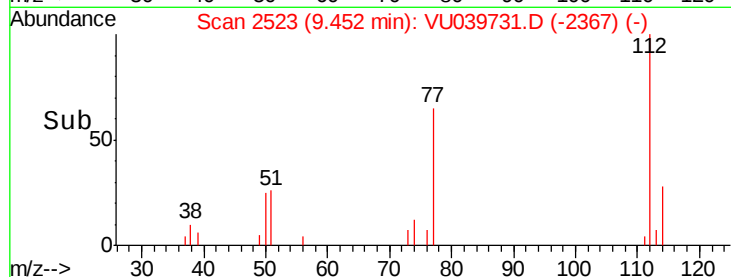
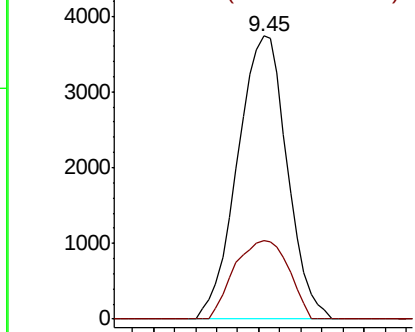
#59
Chlorobenzene
Concen: 0.327 ug/l
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 6092
Ion Ratio Lower Upper
112 100
114 28.0 25.8 38.6

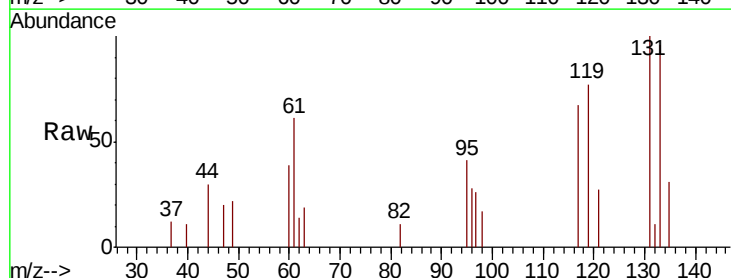


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V

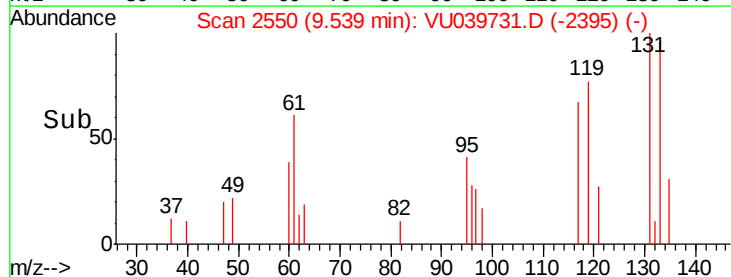
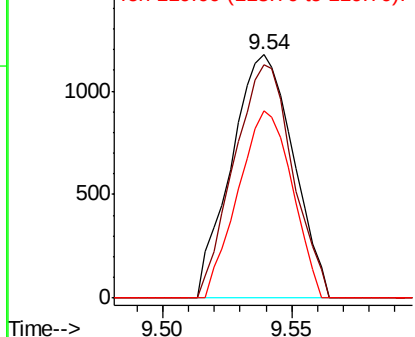


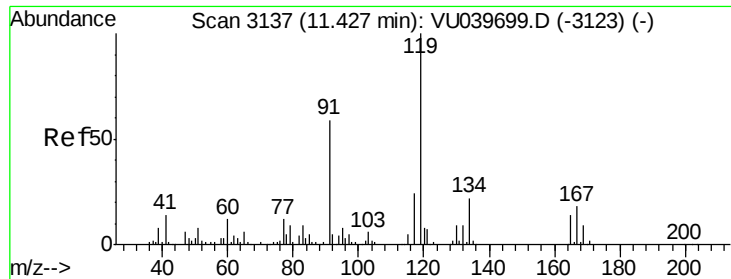
#60
1,1,1,2-Tetrachloroethane
Concen: 0.313 ug/l
RT: 9.54 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion:131 Resp: 1965
Ion Ratio Lower Upper
131 100
133 90.9 75.8 113.8
119 67.1 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

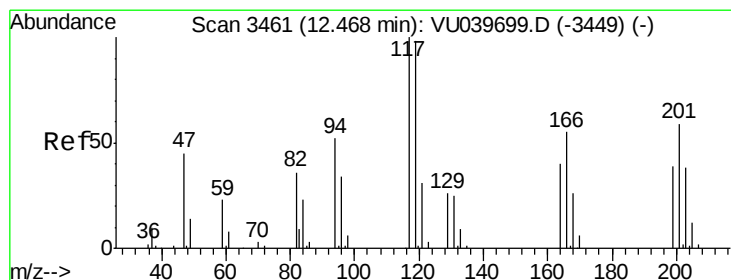
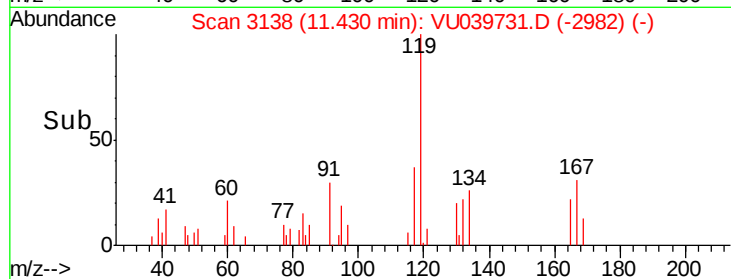
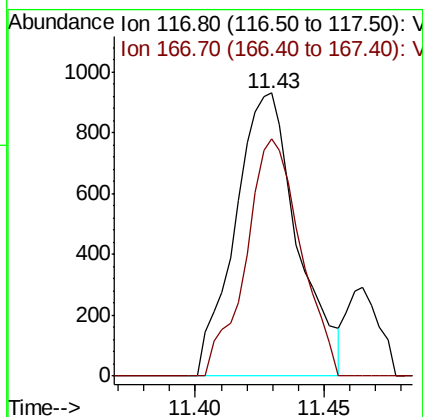
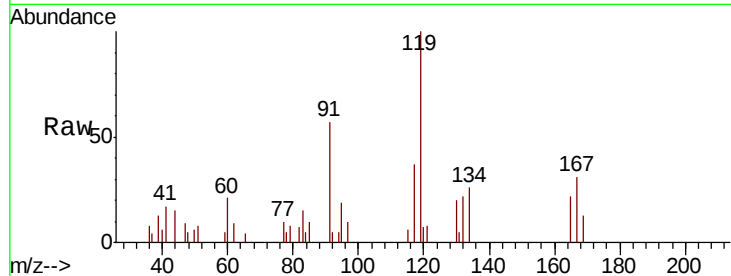




#61
 Pentachloroethane
 Concen: 0.284 ug/l
 RT: 11.43 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

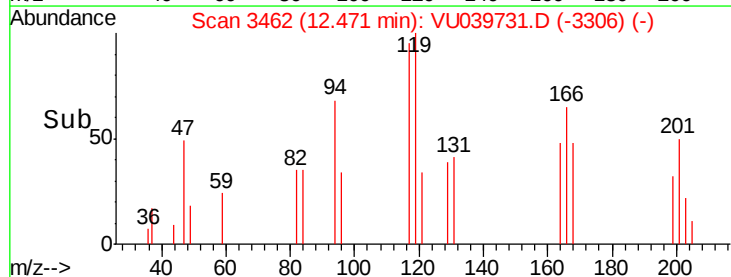
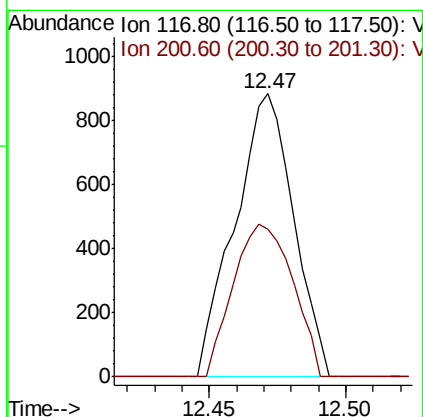
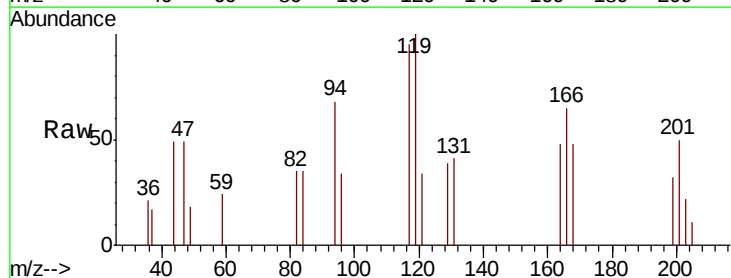
Instrument :
 MSVOA_U
 ClientSampleId :

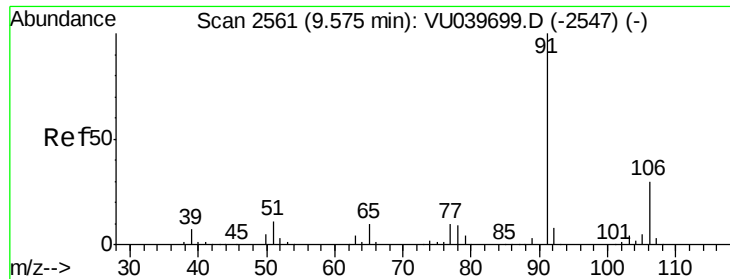
Tot Ion:117 Resp: 1570
 Ion Ratio Lower Upper
 117 100
 167 73.8 56.6 85.0



#62
 Hexachloroethane
 Concen: 0.261 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion:117 Resp: 1323
 Ion Ratio Lower Upper
 117 100
 201 54.8 48.1 72.1





#63

Ethyl Benzene

Concen: 0.287 ug/l

RT: 9.57 min Scan# 2561

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

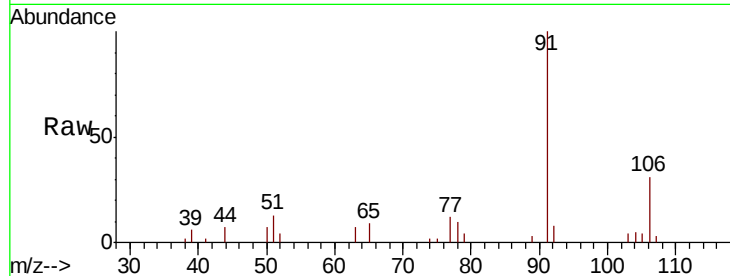
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 9586

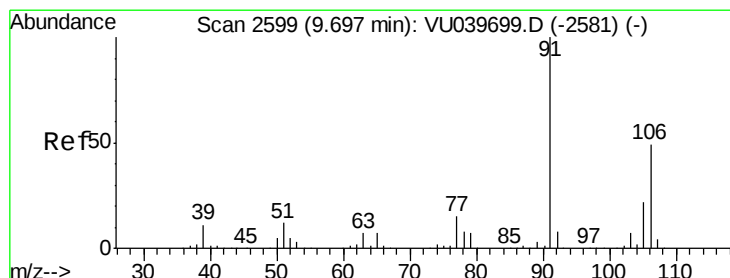
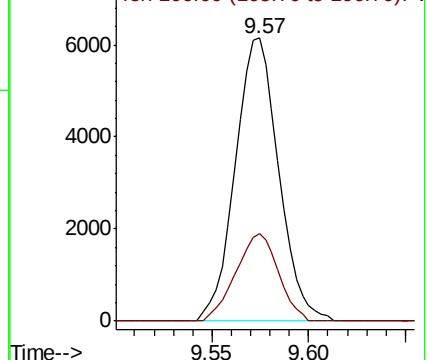
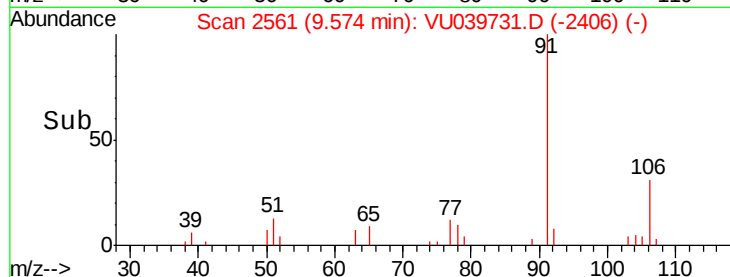
Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU039731.D (-2406) (-)



#64

m/p-Xylenes

Concen: 0.544 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039731.D

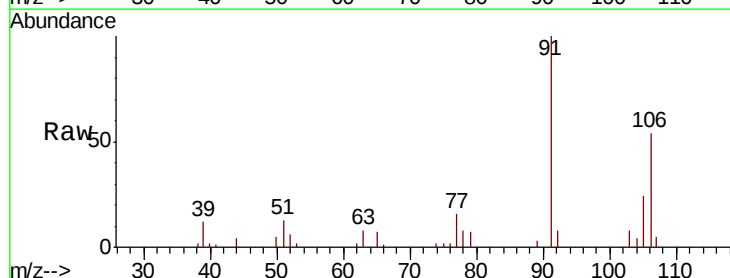
Acq: 31 Jul 2020 13:06

Tgt Ion: 106 Resp: 7097

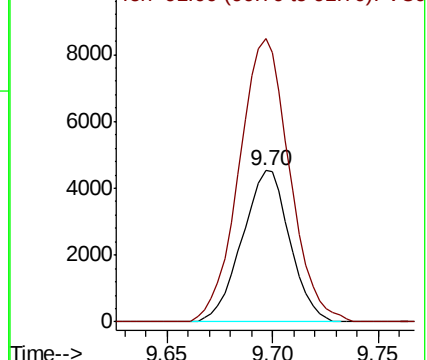
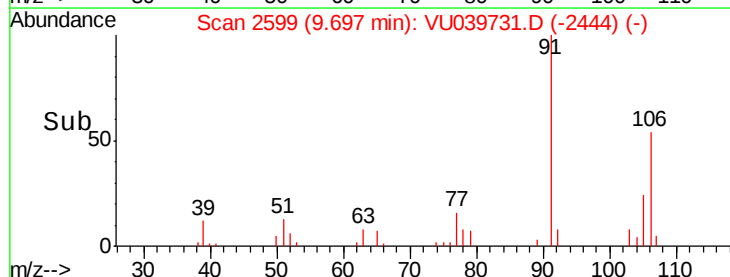
Ion Ratio Lower Upper

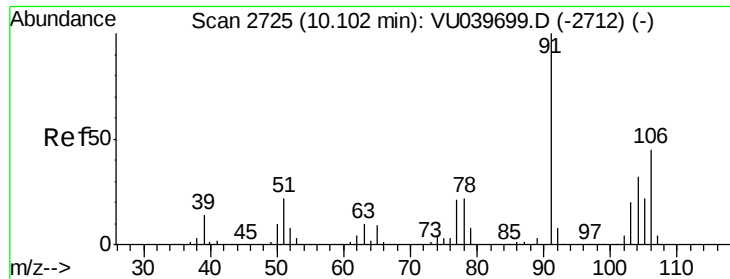
106 100

91 198.2 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VU039731.D (-2444) (-)

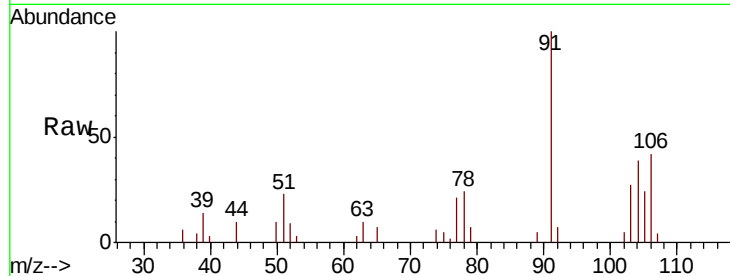




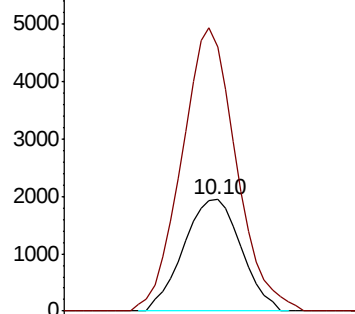
#65
o-Xylene
Concen: 0.257 ug/l
RT: 10.10 min Scan# 2726
Delta R.T. 0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Instrument :
MSVOA_U
ClientSampleId :

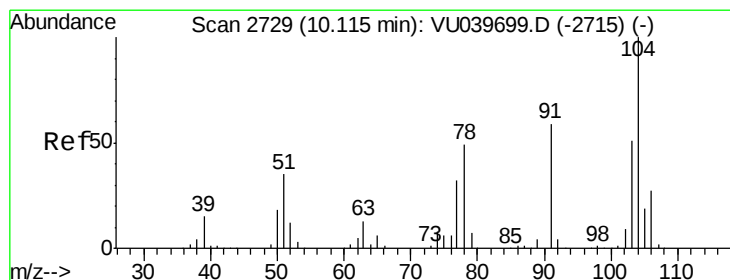
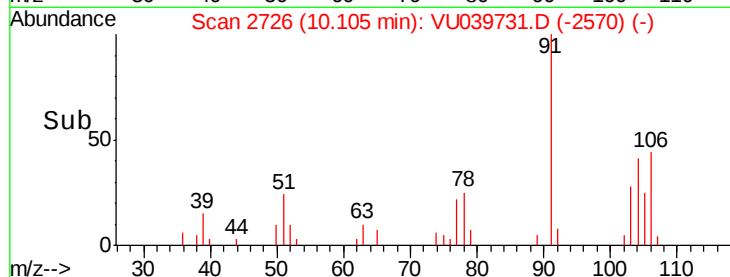
Tot Ion:106 Resp: 3188
Ion Ratio Lower Upper
106 100
91 239.7 110.3 331.0



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

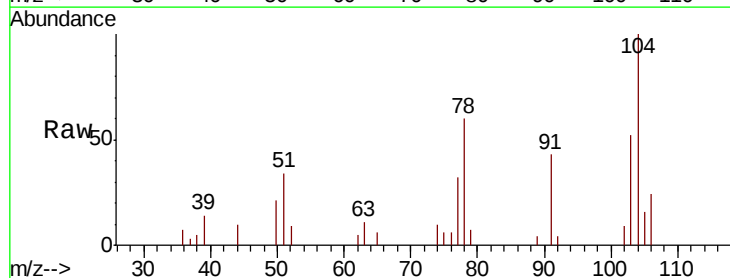


Time-->

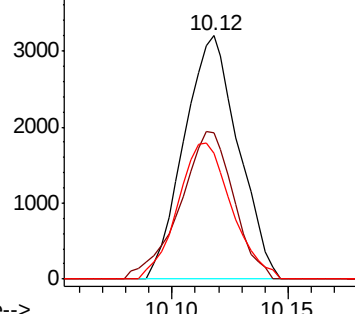


#66
Styrene
Concen: 0.244 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

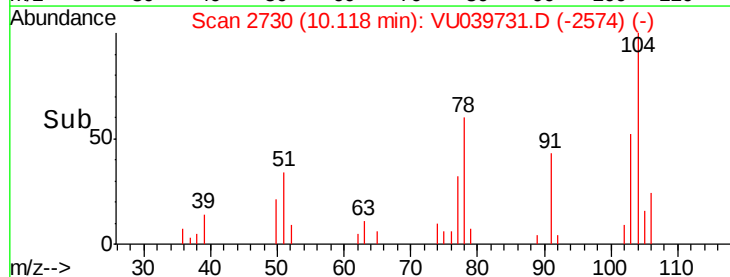
Tgt Ion:104 Resp: 5187
Ion Ratio Lower Upper
104 100
78 59.8 42.2 63.4
103 55.5 43.4 65.2

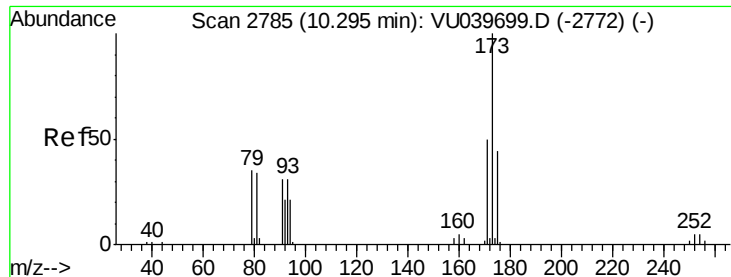


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->

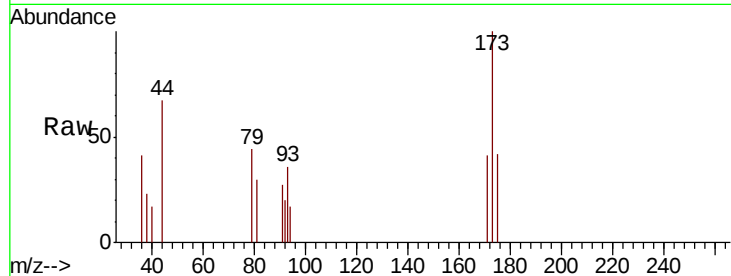




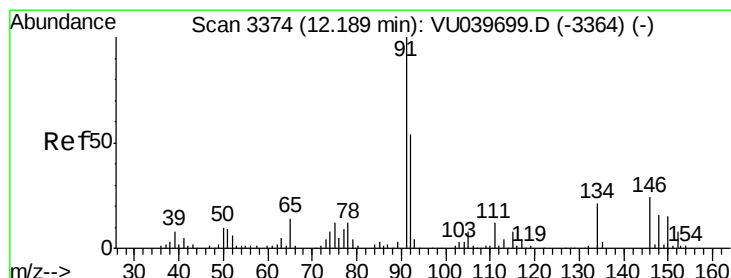
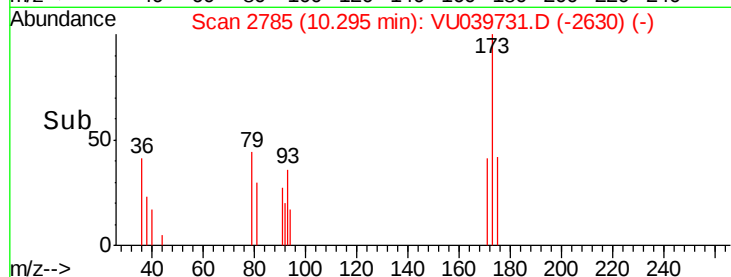
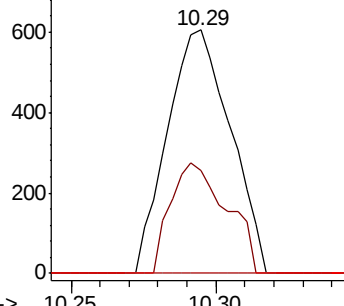
#67
Bromoform
Concen: 0.286 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:173 Resp: 914
Ion Ratio Lower Upper
173 100
175 40.4 36.7 55.1
254 0.0 3.8 5.8#

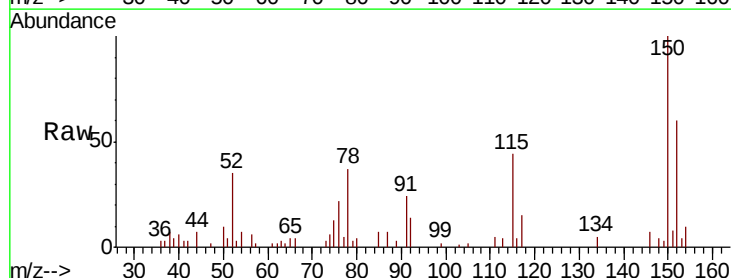


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

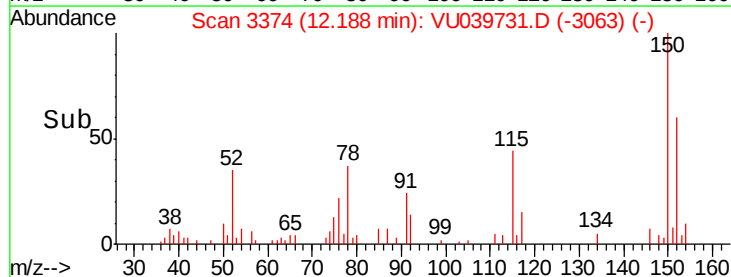
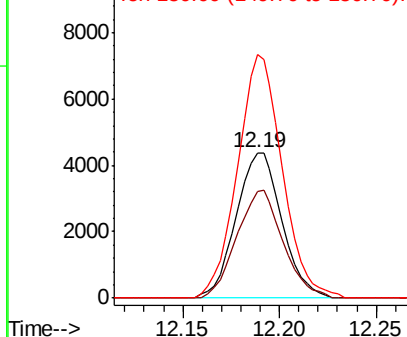


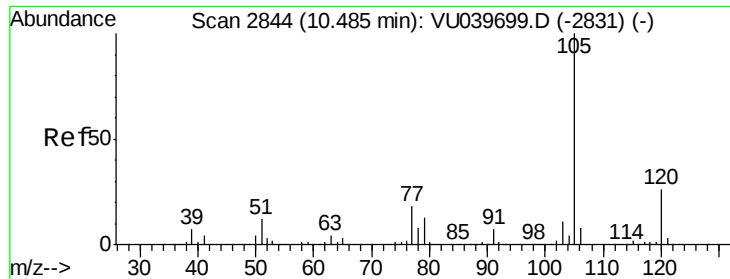
#68
1,2-Dichlorobenzene-d4
Concen: 0.780 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU039731.D
Acq: 31 Jul 2020 13:06

Tgt Ion:152 Resp: 7214
Ion Ratio Lower Upper
152 100
115 74.5 0.0 302.4
150 163.3 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: 0.266 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

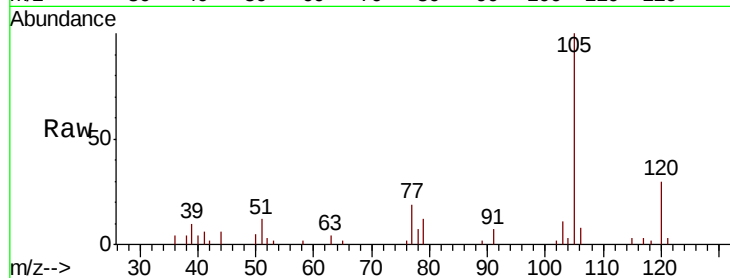
ClientSampleId :

Tot Ion:105 Resp: 8800

Ion Ratio Lower Upper

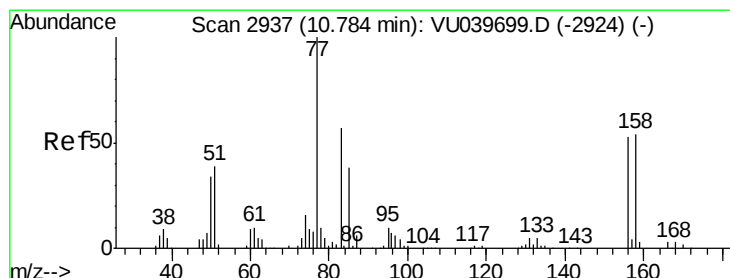
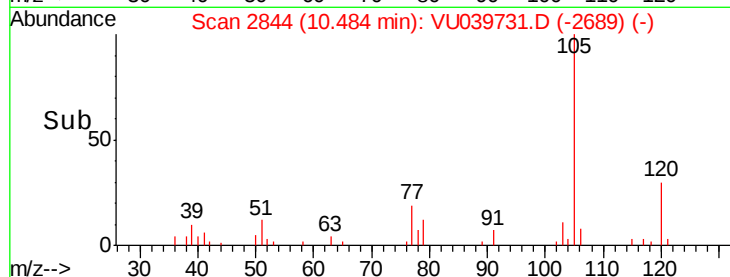
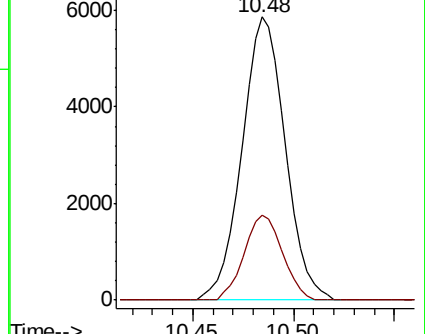
105 100

120 26.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 0.360 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

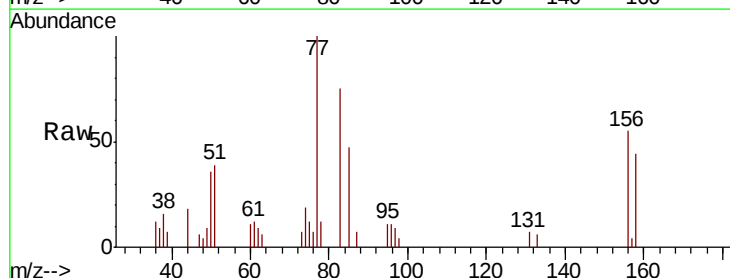
Tgt Ion: 83 Resp: 3026

Ion Ratio Lower Upper

83 100

131 5.8 7.0 10.6#

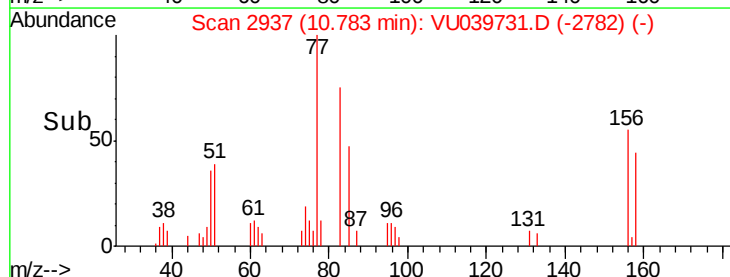
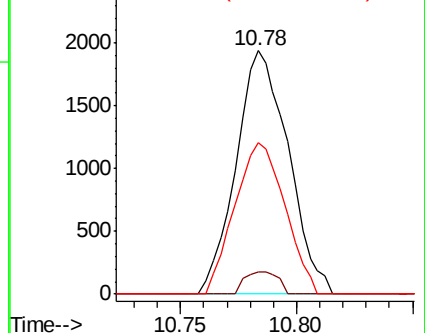
85 59.8 50.6 75.8

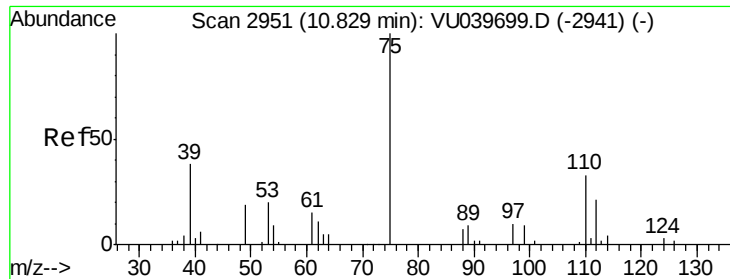


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

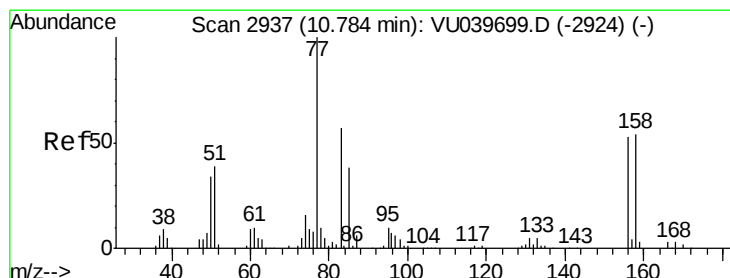
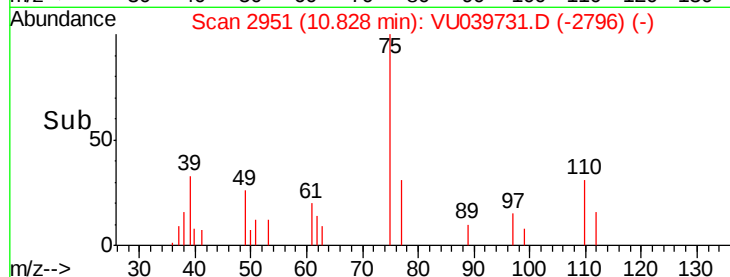
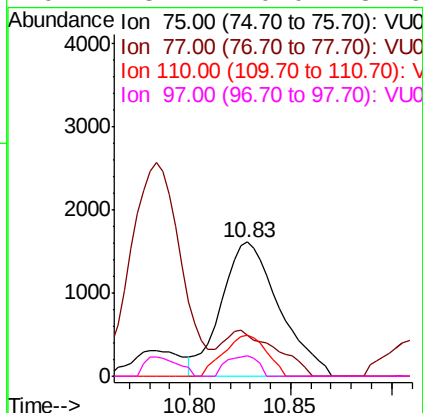
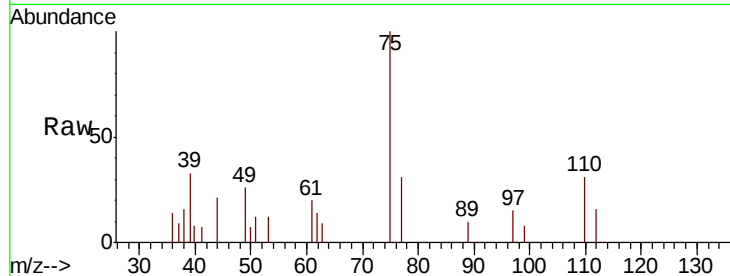




#71
 1,2,3-Trichloropropane
 Concen: 0.511 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

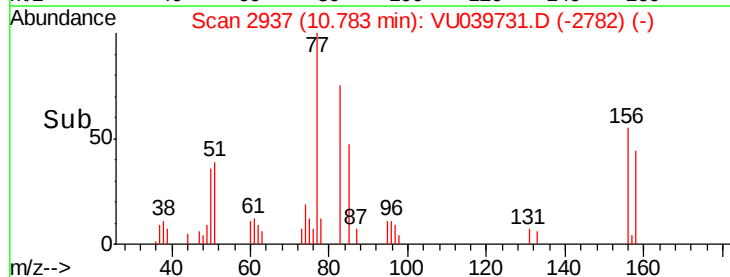
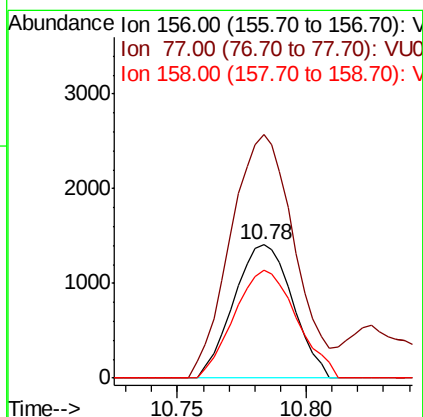
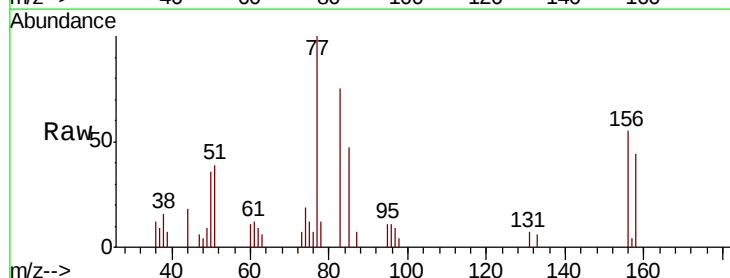
Instrument :
 MSVOA_U
 ClientSampleId :

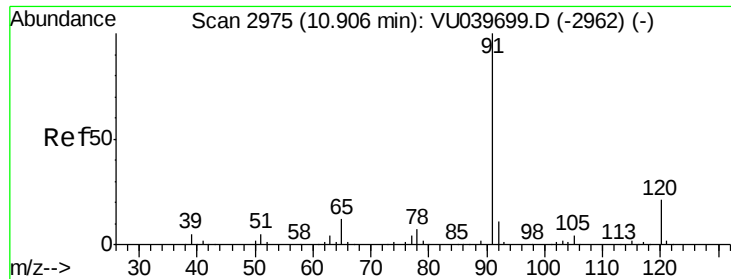
Tot Ion:	75	Resp:	3231
Ion	Ratio	Lower	Upper
75	100		
77	30.8	0.0	91.0
110	22.5	0.0	64.2
97	8.4	0.0	32.6



#72
 Bromobenzene
 Concen: 0.299 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion:	156	Resp:	2245
Ion	Ratio	Lower	Upper
156	100		
77	197.7	0.0	385.2
158	85.3	0.0	200.8





#73

n-propylbenzene

Concen: 0.245 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

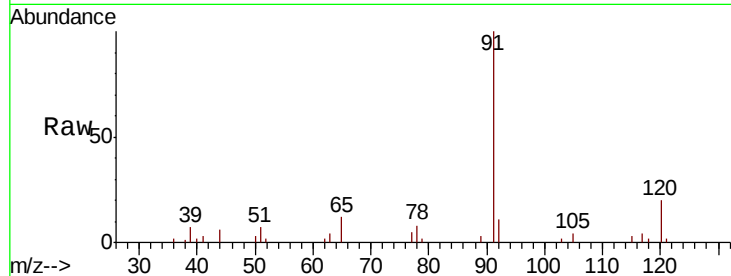
ClientSampleId :

Tot Ion:120 Resp: 2279

Ion Ratio Lower Upper

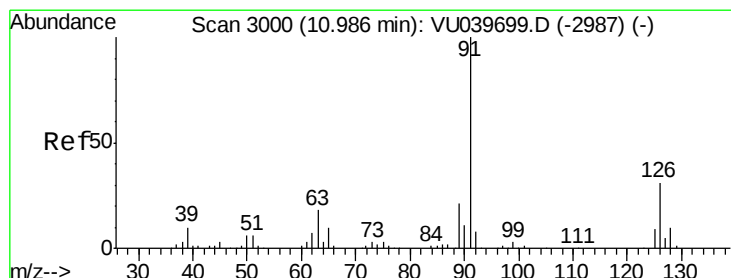
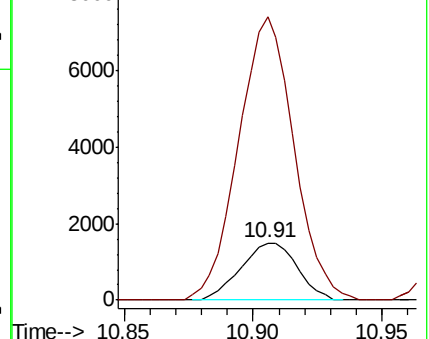
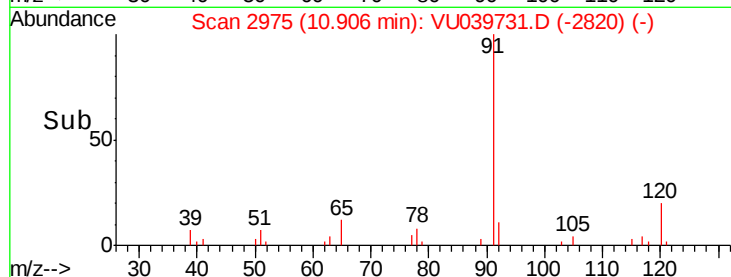
120 100

91 487.0 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.286 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039731.D

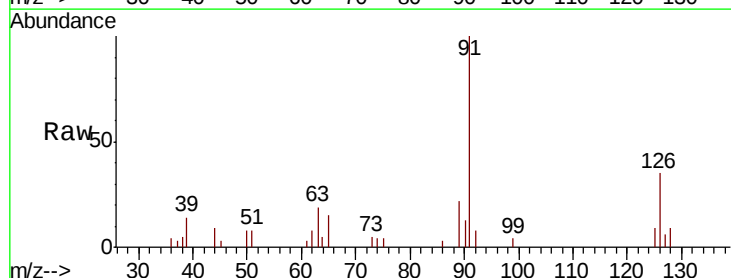
Acq: 31 Jul 2020 13:06

Tgt Ion:126 Resp: 2248

Ion Ratio Lower Upper

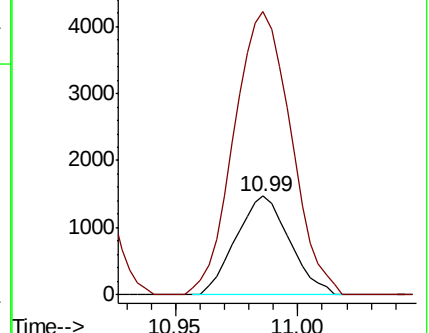
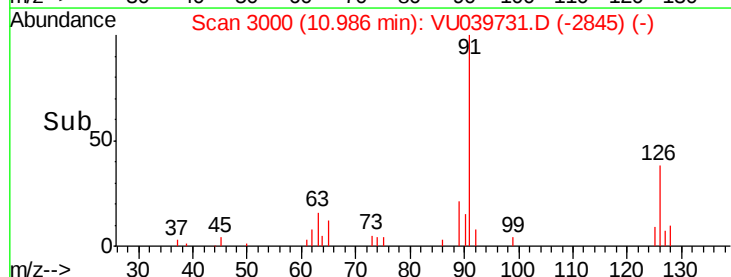
126 100

91 304.3 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: 0.261 ug/l

RT: 11.09 min Scan# 3032

Delta R.T. 0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

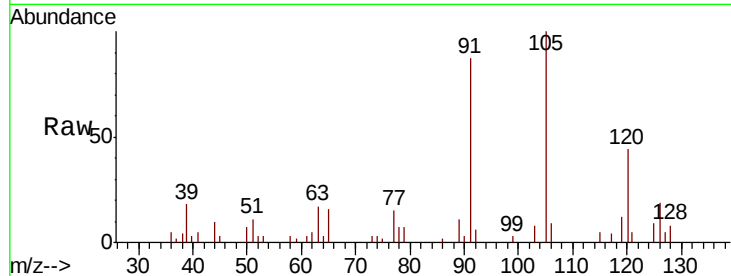
ClientSampled :

Tot Ion:105 Resp: 7477

Ion Ratio Lower Upper

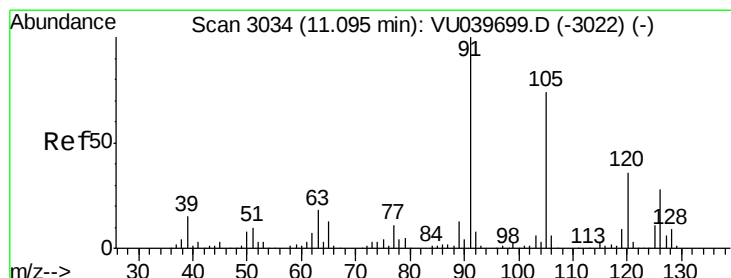
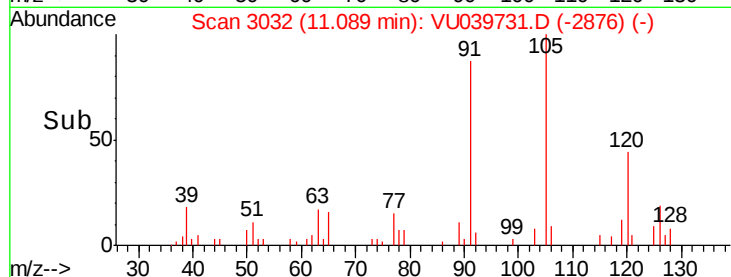
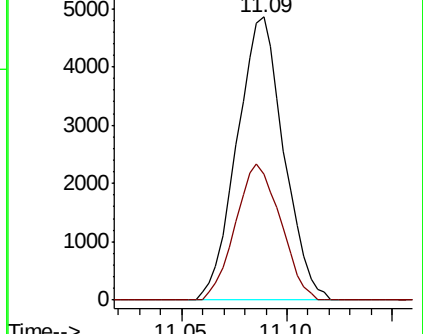
105 100

120 46.4 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.261 ug/l

RT: 11.10 min Scan# 3035

Delta R.T. 0.00 min

Lab File: VU039731.D

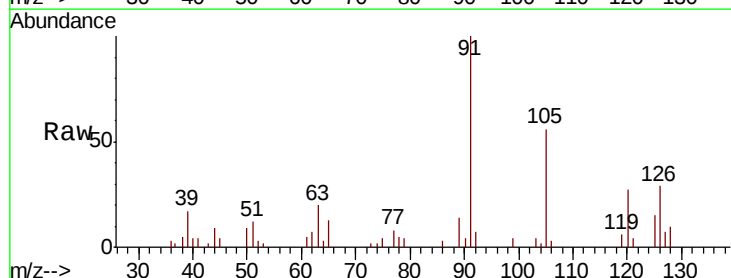
Acq: 31 Jul 2020 13:06

Tgt Ion:126 Resp: 2123

Ion Ratio Lower Upper

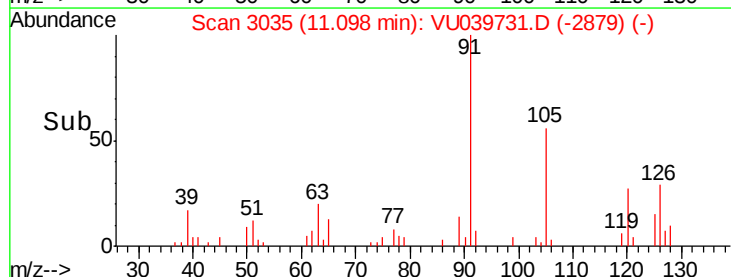
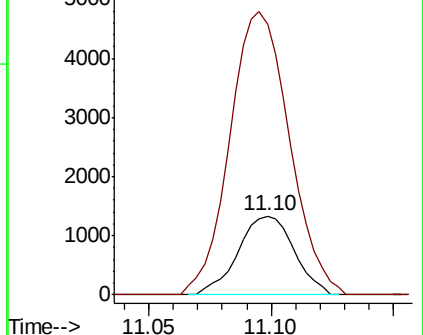
126 100

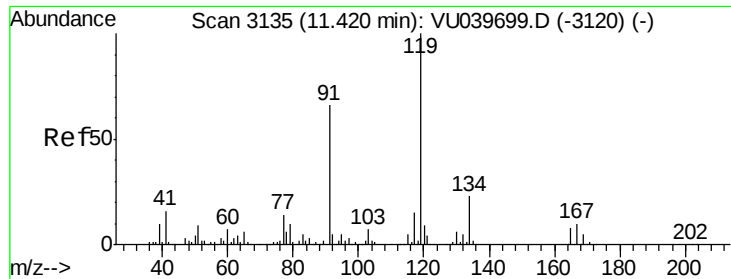
91 382.4 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 0.264 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

ClientSampleId :

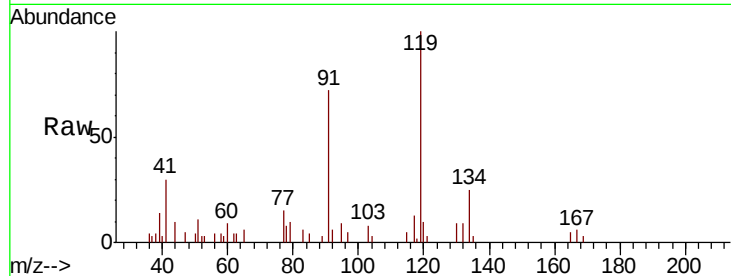
Tot Ion:119 Resp: 7246

Ion Ratio Lower Upper

119 100

91 68.1 31.9 95.5

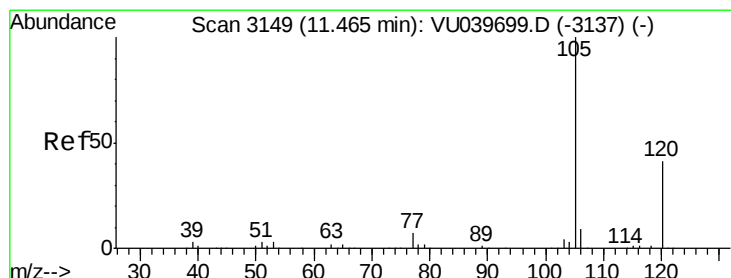
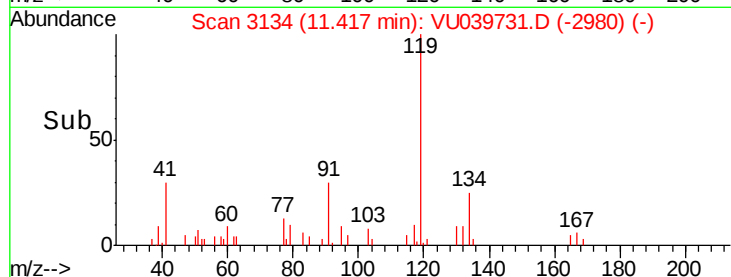
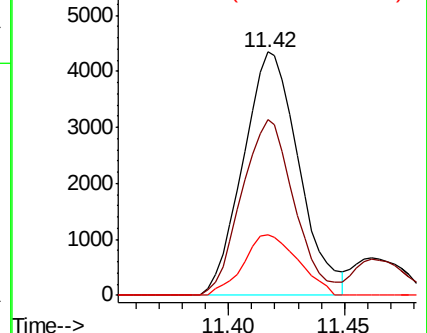
134 24.4 18.2 27.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 0.254 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039731.D

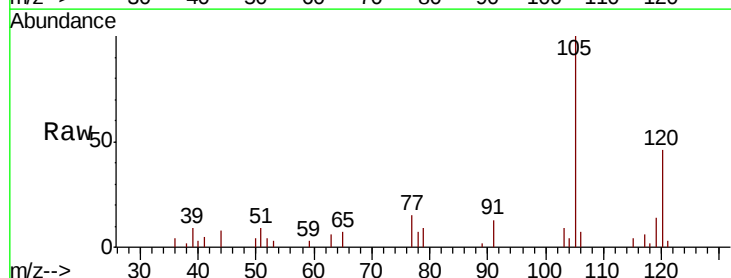
Acq: 31 Jul 2020 13:06

Tgt Ion:105 Resp: 7442

Ion Ratio Lower Upper

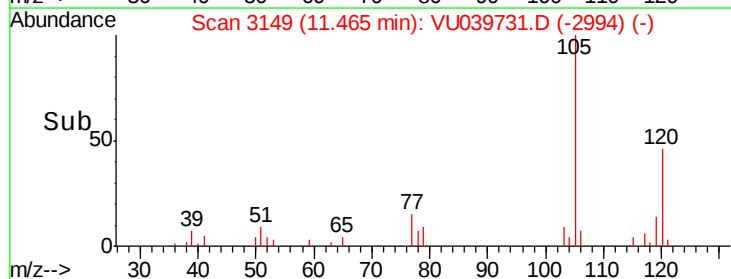
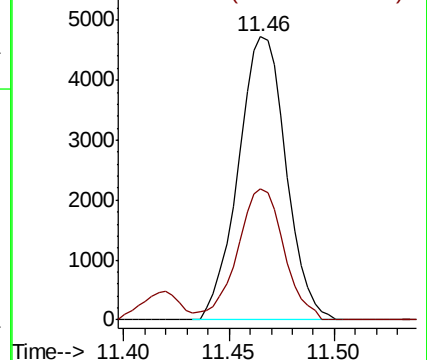
105 100

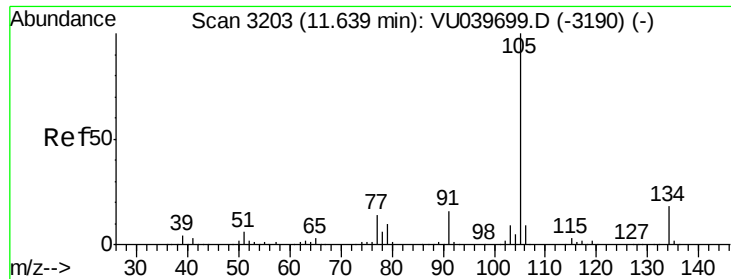
120 45.2 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 0.257 ug/l

RT: 11.64 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

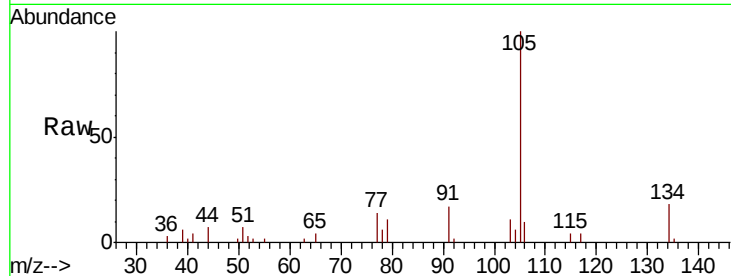
ClientSampleId :

Tot Ion:105 Resp: 10028

Ion Ratio Lower Upper

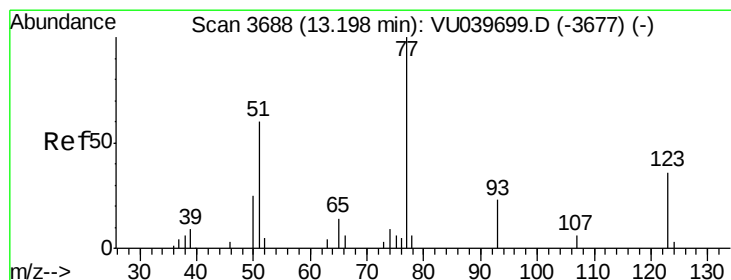
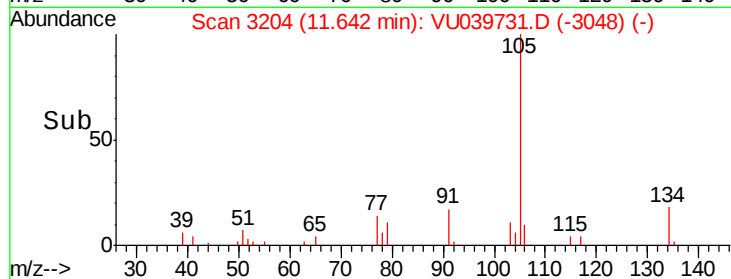
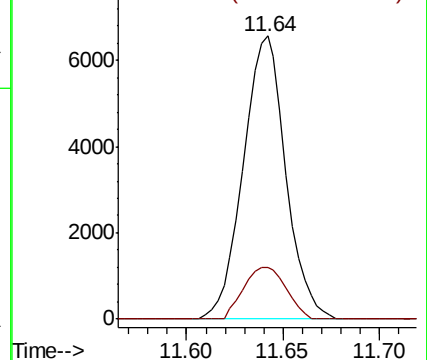
105 100

134 18.3 14.8 22.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 0.795 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

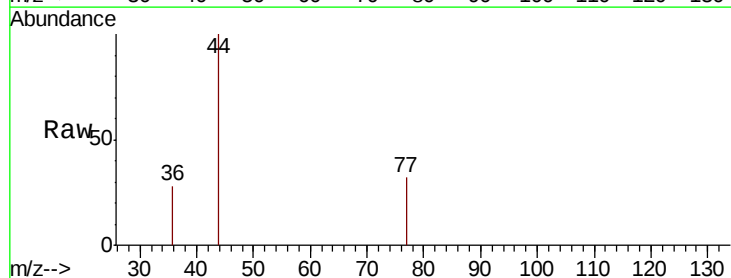
Tgt Ion: 77 Resp: 113

Ion Ratio Lower Upper

77 100

123 0.0 16.9 59.9#

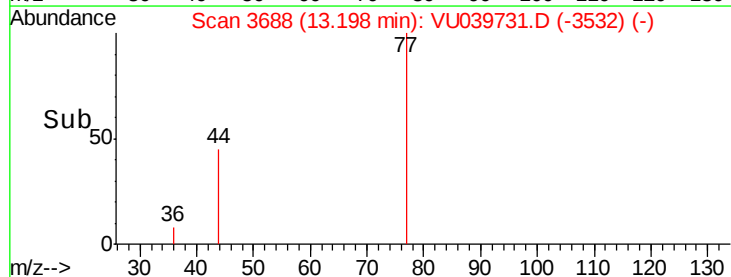
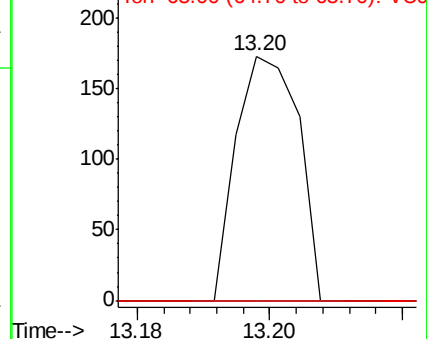
65 0.0 14.4 18.4#

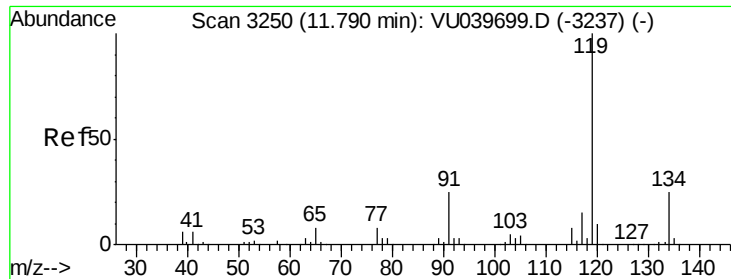


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

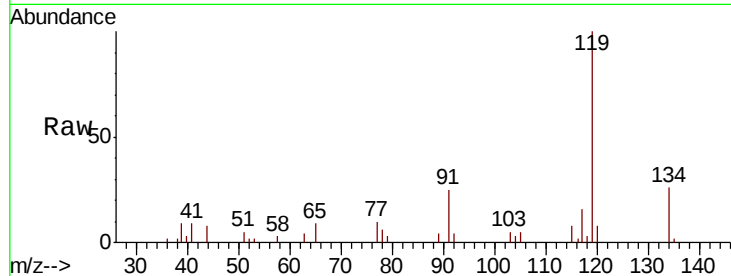




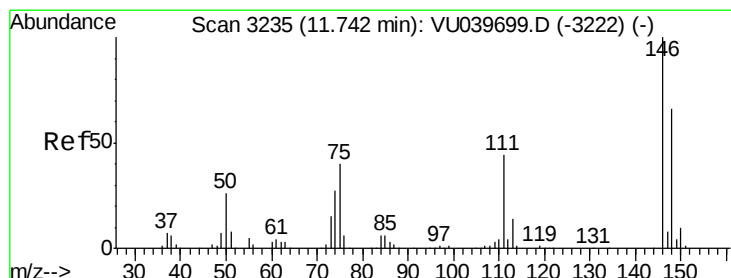
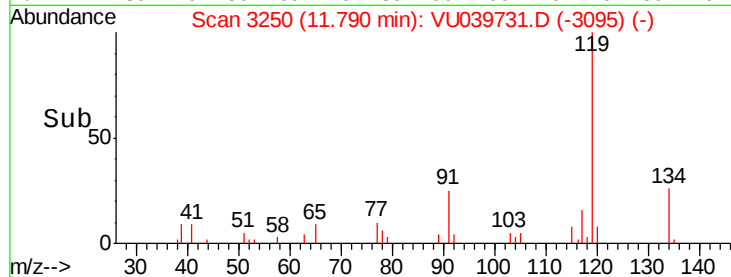
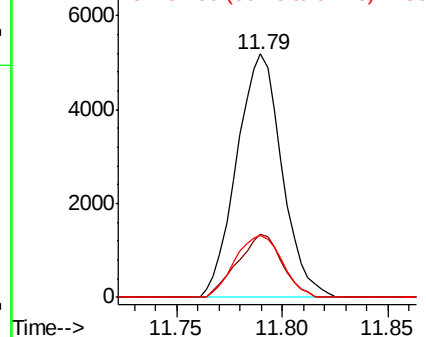
#81
 p-Isopropyltoluene
 Concen: 0.246 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:119 Resp: 7749
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.2 30.4
 91 26.3 20.7 31.1

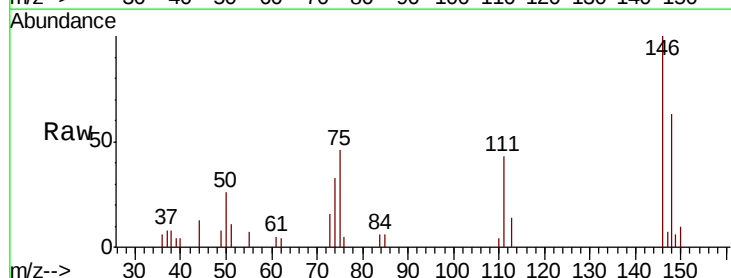


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

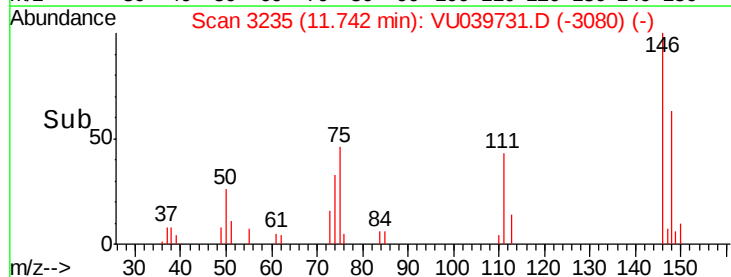
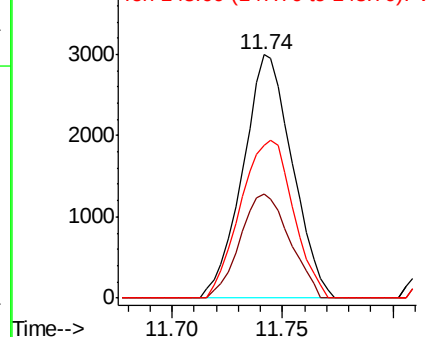


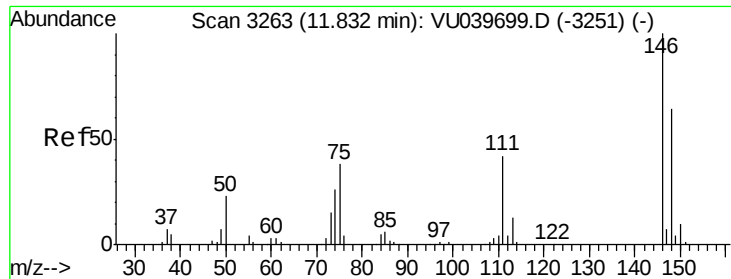
#82
 1,3-Dichlorobenzene
 Concen: 0.288 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion:146 Resp: 4656
 Ion Ratio Lower Upper
 146 100
 111 42.9 34.5 51.7
 148 69.2 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

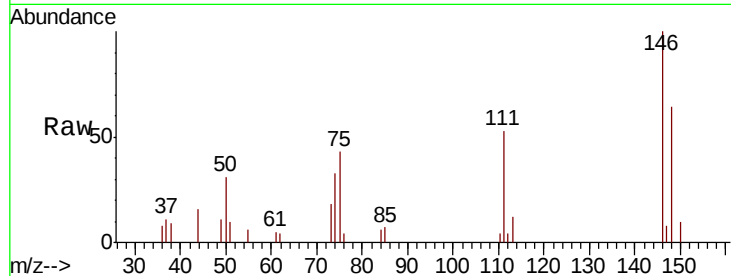




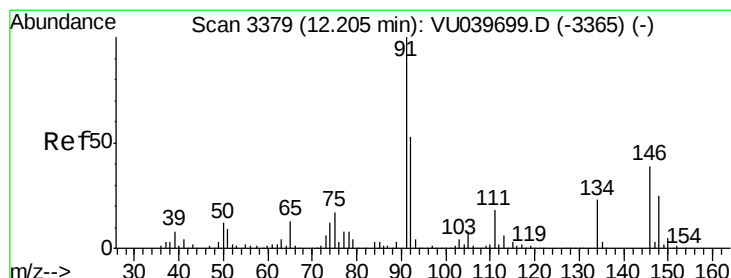
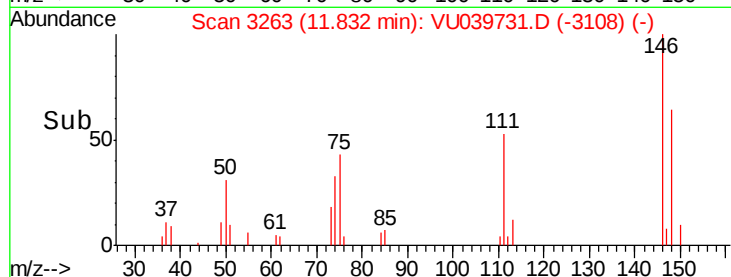
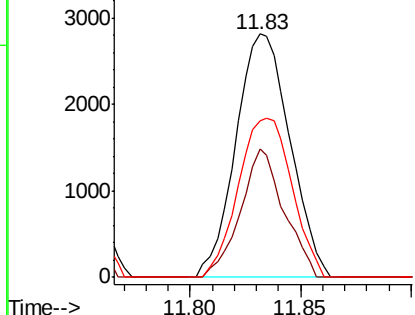
#83
 1,4-Dichlorobenzene
 Concen: 0.295 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 4794
 Ion Ratio Lower Upper
 146 100
 111 42.4 33.8 50.6
 148 64.8 51.1 76.7

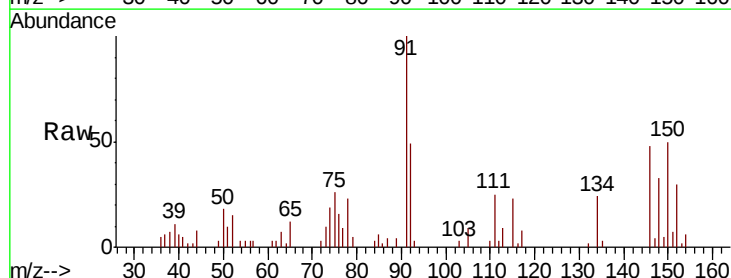


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

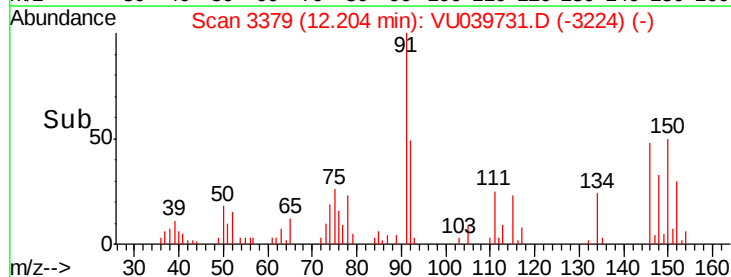
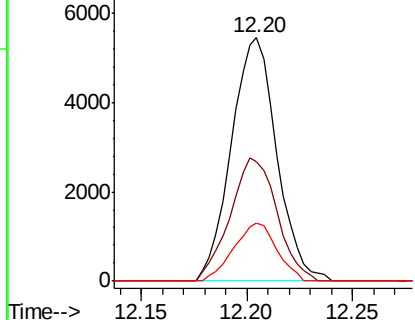


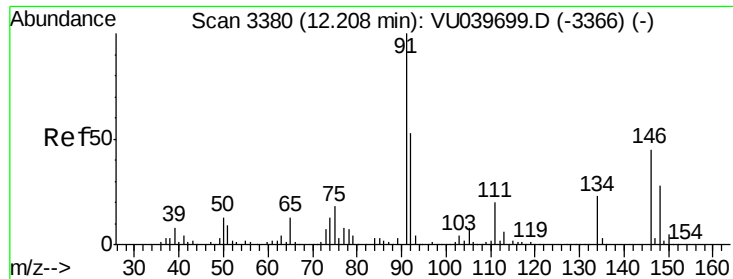
#84
 n-Butylbenzene
 Concen: 0.244 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion: 91 Resp: 8164
 Ion Ratio Lower Upper
 91 100
 92 52.1 42.6 64.0
 134 22.5 18.2 27.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

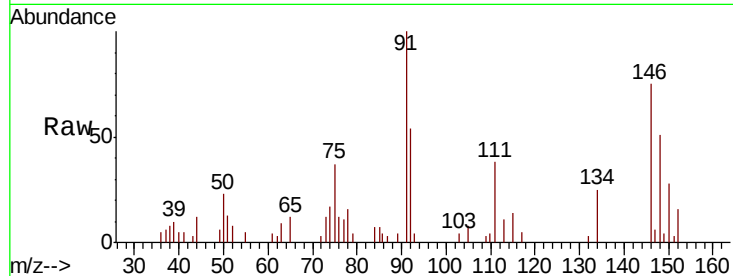




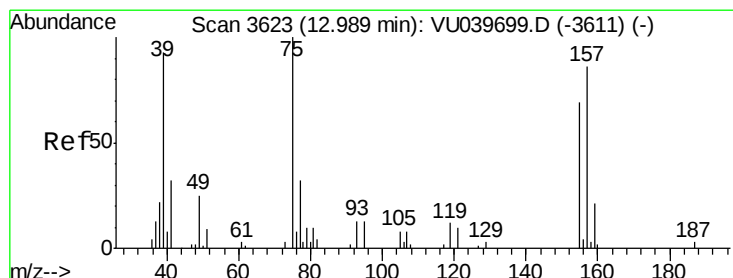
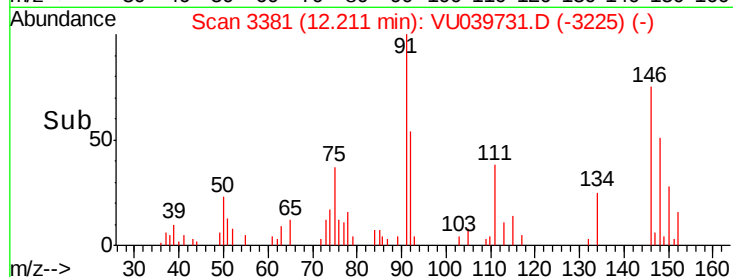
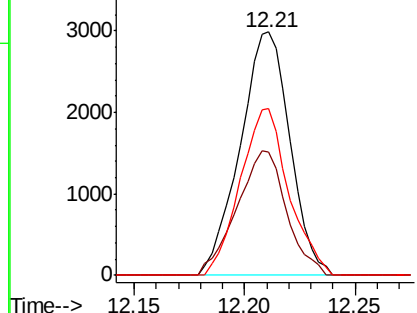
#85
 1,2-Dichlorobenzene
 Concen: 0.300 ug/l
 RT: 12.21 min Scan# 3381
 Delta R.T. 0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 4672
 Ion Ratio Lower Upper
 146 100
 111 50.9 22.8 68.3
 148 66.9 31.7 95.1

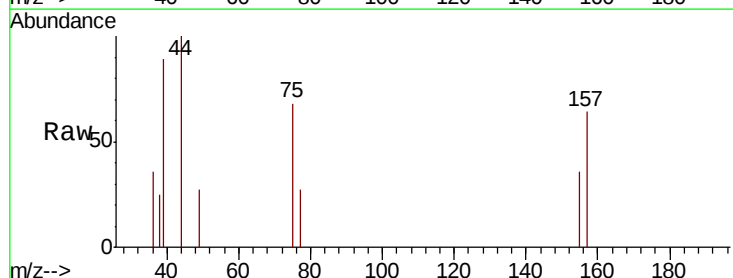


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

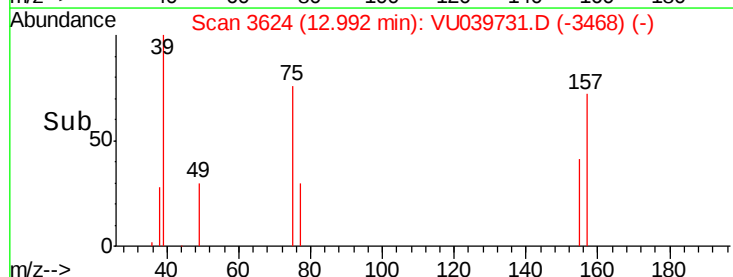
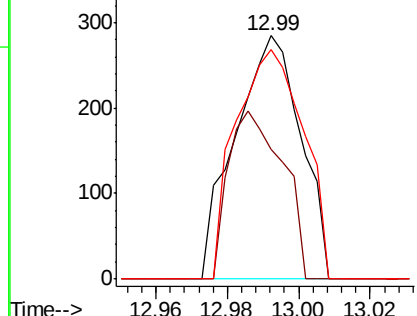


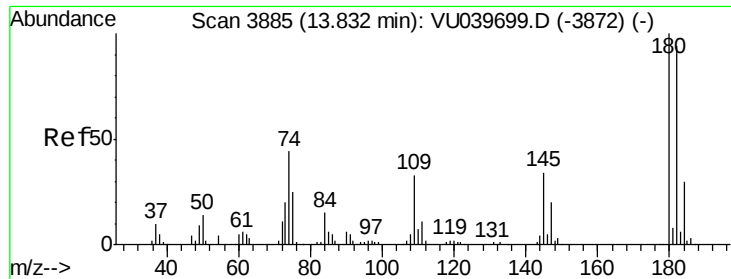
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.257 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion: 75 Resp: 363
 Ion Ratio Lower Upper
 75 100
 155 57.0 52.9 79.3
 157 97.0 67.8 101.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

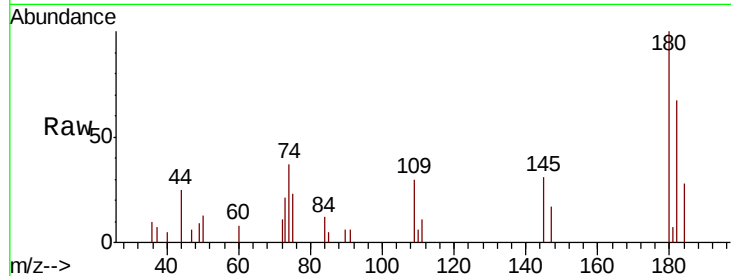




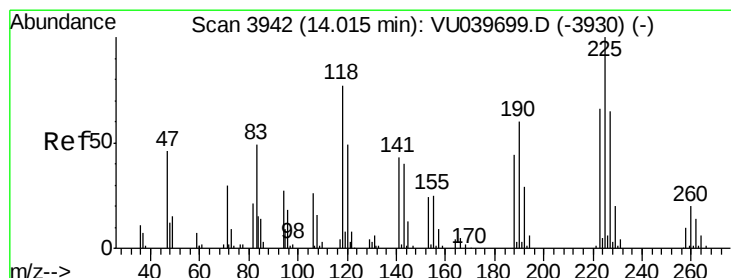
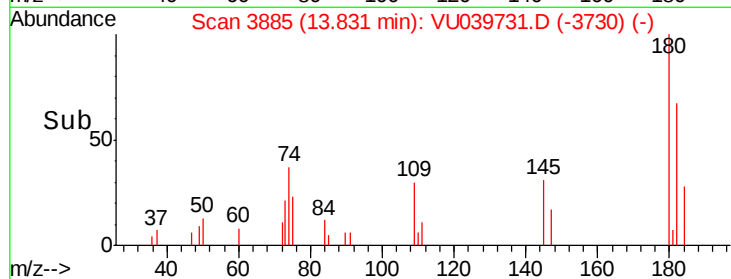
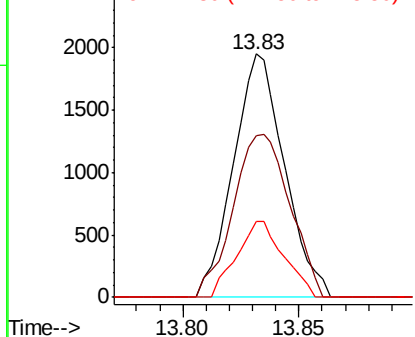
#87
 1,2,4-Trichlorobenzene
 Concen: 0.305 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 2972
 Ion Ratio Lower Upper
 180 100
 182 74.4 76.2 114.4#
 145 28.9 26.8 40.2

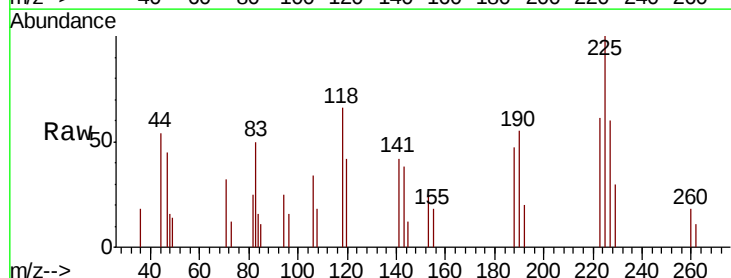


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

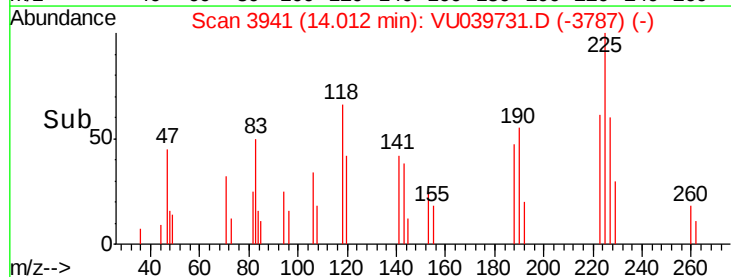
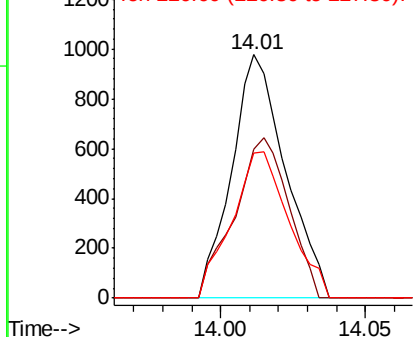


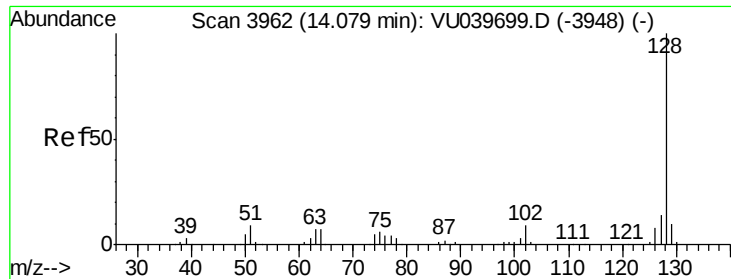
#88
 Hexachlorobutadiene
 Concen: 0.284 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039731.D
 Acq: 31 Jul 2020 13:06

Tgt Ion:225 Resp: 1257
 Ion Ratio Lower Upper
 225 100
 223 66.8 52.4 78.6
 227 63.7 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: 0.279 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

Instrument :

MSVOA_U

ClientSampleId :

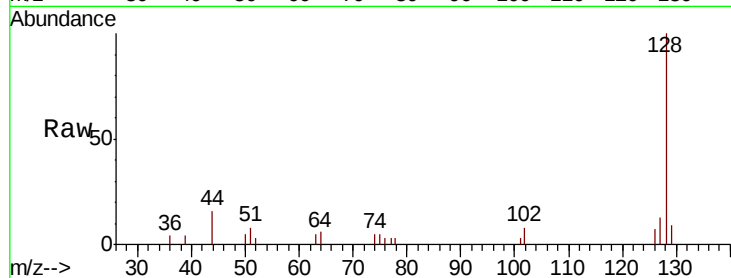
Tot Ion:128 Resp: 5815

Ion Ratio Lower Upper

128 100

127 11.9 11.0 16.4

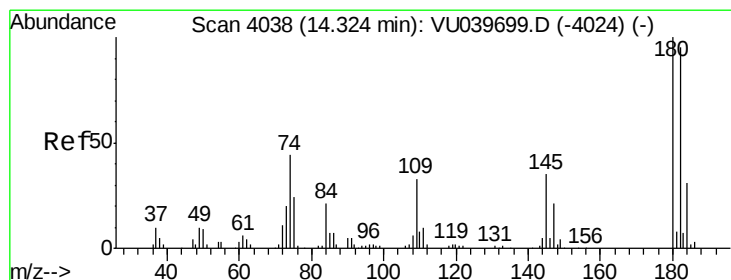
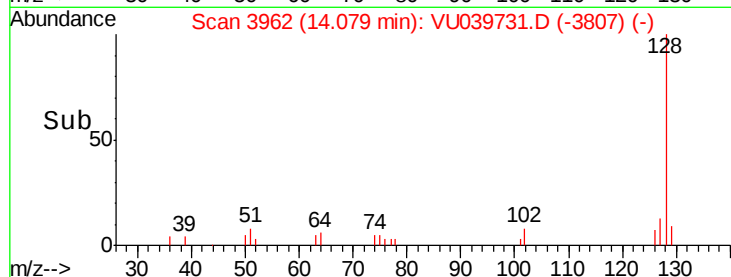
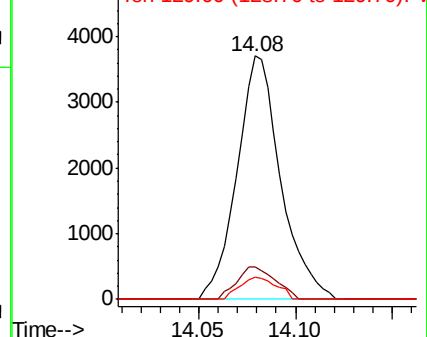
129 7.6 8.4 12.6#



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: 0.289 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039731.D

Acq: 31 Jul 2020 13:06

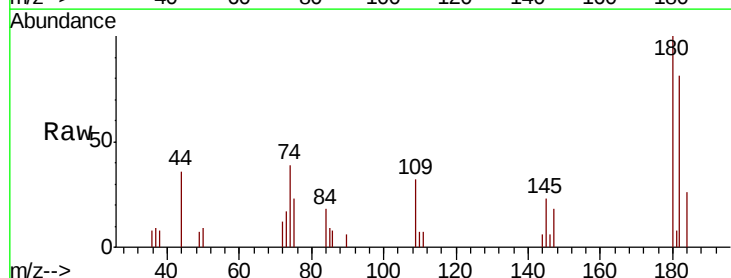
Tgt Ion:180 Resp: 2661

Ion Ratio Lower Upper

180 100

182 92.3 76.0 114.0

145 29.6 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

