

Data File : VU039726.D
Acq On : 30 Jul 2020 18:29
Operator : SY/MD
Sample : VU0730WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

Quant Time: Jul 31 06:21:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	20785	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	7639	0.94	ug/l	0.00
Spiked Amount	1.000		Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7391	0.93	ug/l	0.00
Spiked Amount	1.000		Recovery	=	93.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	14193	1.965 ug/l	99
3) Chloromethane	1.53	50	18888	2.105 ug/l	100
4) Vinyl Chloride	1.61	62	17028	2.059 ug/l	100
5) Bromomethane	1.86	94	10280	1.818 ug/l	96
6) Chloroethane	1.94	64	12546	2.187 ug/l	95
7) Trichlorofluoromethane	2.15	101	22726	2.078 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12747	2.031 ug/l	100
9) 1,1-Dichloroethene	2.59	96	11201	1.939 ug/l	96
10) Iodomethane	2.74	142	14480	2.486 ug/l	98
11) Allyl Chloride	2.94	41	25090	2.014 ug/l	98
12) Acrylonitrile	3.34	53	9383	4.629 ug/l	94
13) Acetone	2.66	43	20449	10.721 ug/l	98
14) Carbon Disulfide	2.80	76	41126	1.942 ug/l	100
15) Methylene Chloride	3.06	84	23064	2.865 ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	13284	2.023 ug/l	96
17) 1,1-Dichloroethane	3.89	63	29100	2.018 ug/l	98
18) 2-Butanone	4.75	43	32113	10.012 ug/l	99
19) Cyclohexane	5.39	56	25124	1.800 ug/l	94
20) Methylcyclohexane	6.77	83	18427	1.782 ug/l	97
21) 2,2-Dichloropropane	4.68	77	21116	1.795 ug/l #	80
22) cis-1,2-Dichloroethene	4.68	96	14483	2.046 ug/l	97
23) Diethyl Ether	2.39	59	12098	2.049 ug/l	96
24) tert-Butyl Alcohol	3.27	59	9631	5.852 ug/l #	1
25) Methyl tert-Butyl Ether	3.39	73	37616	1.996 ug/l	99
26) Bromochloromethane	4.99	128	6340	2.190 ug/l	92
27) Chloroform	5.11	83	26848	1.990 ug/l	94
28) 1,1,1-Trichloroethane	5.33	97	21001	1.923 ug/l	97
29) 1,1-Dichloropropene	5.54	75	20833	1.981 ug/l	99
30) Carbon Tetrachloride	5.53	117	17711	1.984 ug/l	96
31) Isopropyl Ether	4.02	45	52768	2.007 ug/l	99
32) Ethyl-t-butyl ether	4.53	59	43561	1.947 ug/l	99
33) Tert-Amyl methyl ether	5.97	73	28869	1.789 ug/l	98
34) Propionitrile	4.83	54	8516	10.763 ug/l #	86
35) Benzene	5.79	78	48897	1.880 ug/l	97
36) 1,2-Dichloroethane	5.81	62	18837	1.932 ug/l	100
37) Trichloroethene	6.55	130	11317	1.902 ug/l	98
38) 1,2-Dichloropropane	6.80	63	13629	1.901 ug/l	97
39) Methacrylonitrile	5.00	41	7896	1.894 ug/l	96
40) Methyl acrylate	4.88	55	10959	2.038 ug/l #	96
41) Tetrahydrofuran	5.10	42	8951	4.267 ug/l #	89
42) 1-Chlorobutane	5.47	56	33200	2.012 ug/l	100

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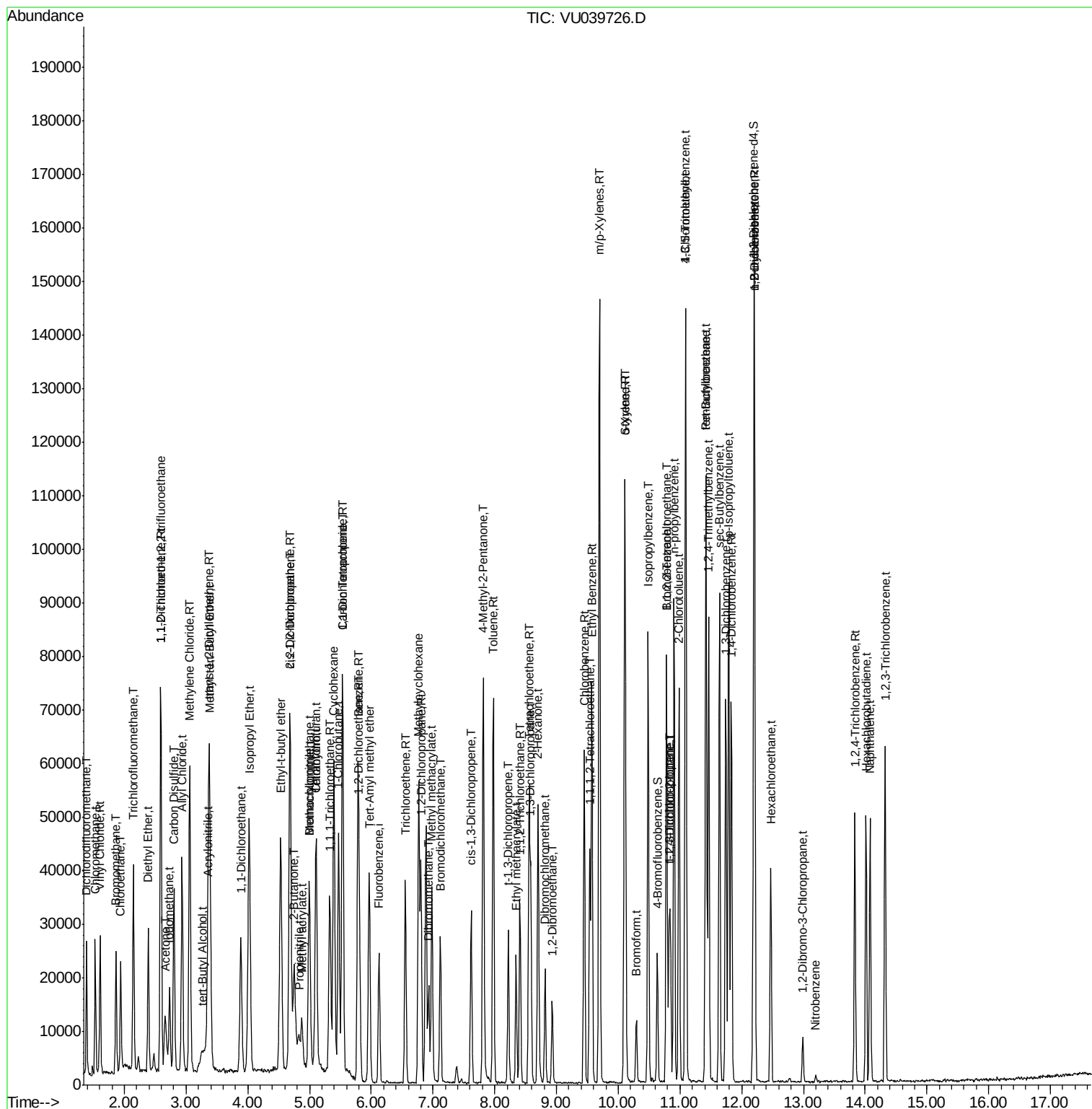
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7229	1.874	ug/l	99
44) Bromodichloromethane	7.12	83	17069	1.930	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	54244	9.284	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	15936	9.170	ug/l #	45
47) Methyl methacrylate	6.98	69	13635	3.790	ug/l	98
48) Ethyl methacrylate	8.34	69	11293	1.705	ug/l	92
49) Toluene	7.98	92	28100	1.815	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	14176	1.780	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	16640	1.777	ug/l	95
52) 1,1,2-Trichloroethane	8.41	97	9338	1.863	ug/l	93
53) 1,3-Dichloropropane	8.58	76	19089	1.984	ug/l	99
54) 2-Hexanone	8.70	43	37671	9.005	ug/l	99
55) Dibromochloromethane	8.82	129	9871	1.834	ug/l	99
56) 1,2-Dibromoethane	8.93	107	9340	1.934	ug/l	98
58) Tetrachloroethene	8.56	164	10116	1.942	ug/l	90
59) Chlorobenzene	9.45	112	29694	1.855	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.54	131	9615	1.781	ug/l	98
61) Pentachloroethane	11.43	117	8014	1.690	ug/l	97
62) Hexachloroethane	12.47	117	6857	1.578	ug/l	98
63) Ethyl Benzene	9.57	91	49148	1.713	ug/l	100
64) m/p-Xylenes	9.70	106	38754	3.458	ug/l	98
65) o-Xylene	10.10	106	19267	1.811	ug/l	95
66) Styrene	10.11	104	31943	1.752	ug/l	99
67) Bromoform	10.29	173	4869	1.774	ug/l #	96
69) Isopropylbenzene	10.48	105	49156	1.729	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	14101	1.955	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	15936	2.932	ug/l	81
72) Bromobenzene	10.78	156	11366	1.761	ug/l	97
73) n-propylbenzene	10.91	120	14013	1.753	ug/l	99
74) 2-Chlorotoluene	10.99	126	12100	1.792	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	43093	1.754	ug/l	98
76) 4-Chlorotoluene	11.10	126	12959	1.853	ug/l	100
77) tert-Butylbenzene	11.42	119	40564	1.721	ug/l	98
78) 1,2,4-Trimethylbenzene	11.47	105	44054	1.748	ug/l	100
79) sec-Butylbenzene	11.64	105	58427	1.741	ug/l	99
80) Nitrobenzene	13.20	77	851	6.971	ug/l #	69
81) p-Isopropyltoluene	11.79	119	47635	1.762	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	25996	1.871	ug/l	97
83) 1,4-Dichlorobenzene	11.83	146	25626	1.834	ug/l	96
84) n-Butylbenzene	12.20	91	47664	1.660	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	23716	1.771	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2147	1.767	ug/l	98
87) 1,2,4-Trichlorobenzene	13.84	180	13092	1.563	ug/l	98
88) Hexachlorobutadiene	14.02	225	6723	1.768	ug/l	97
89) Naphthalene	14.08	128	37934	2.117	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	16028	2.027	ug/l	99

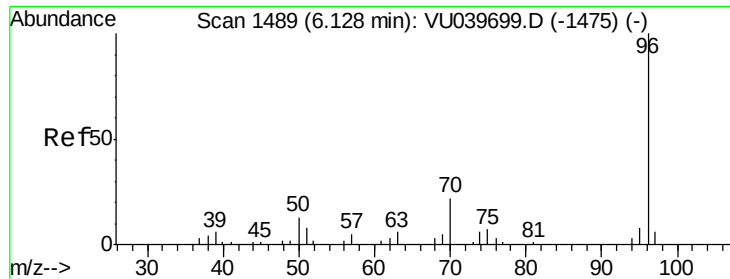
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

Tgt Ion: 96 Resp: 20785

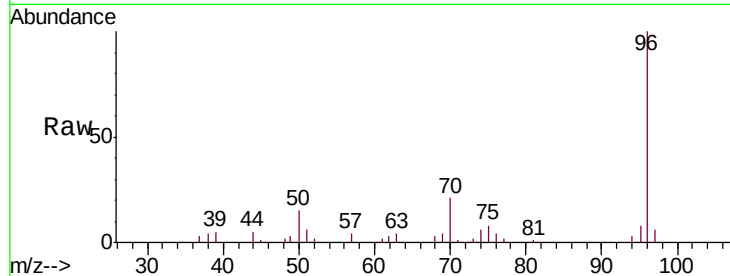
Ion Ratio Lower Upper

96 100

70 21.9 16.3 24.5

95 8.2 6.8 10.2

97 6.1 0.0 0.0#

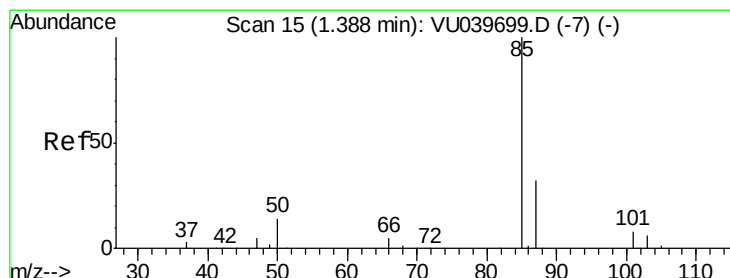
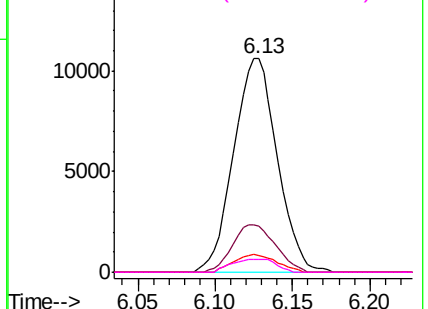
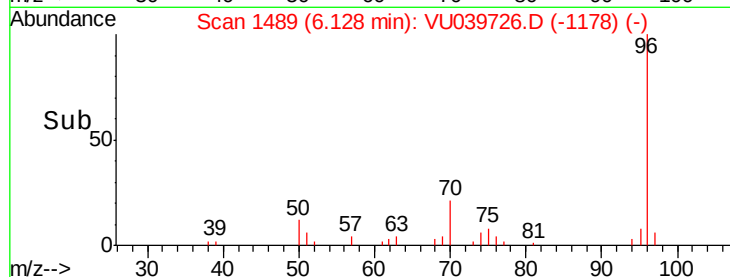


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.965 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU039726.D

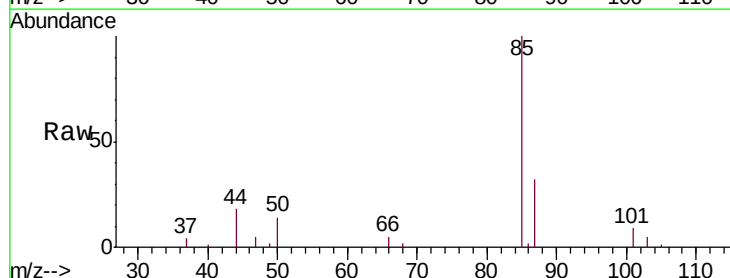
Acq: 30 Jul 2020 18:29

Tgt Ion: 85 Resp: 14193

Ion Ratio Lower Upper

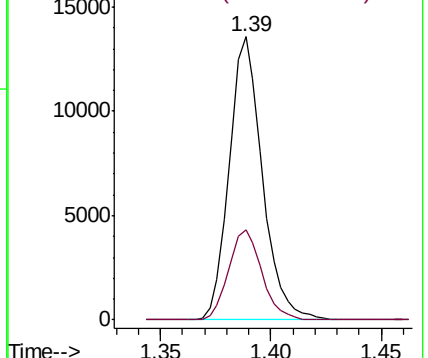
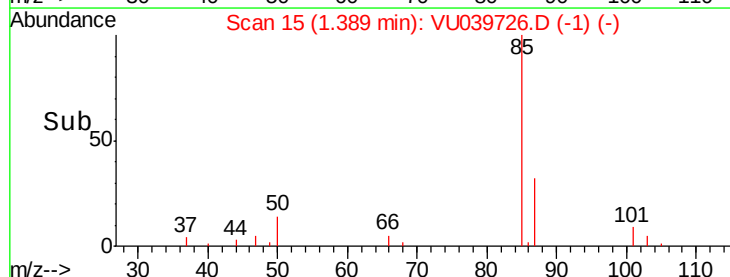
85 100

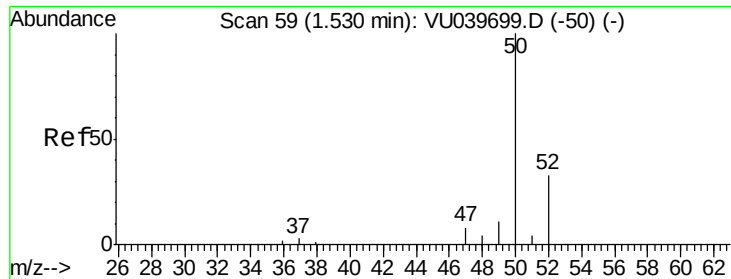
87 31.7 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

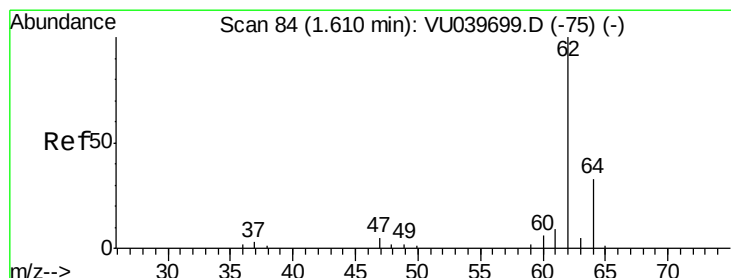
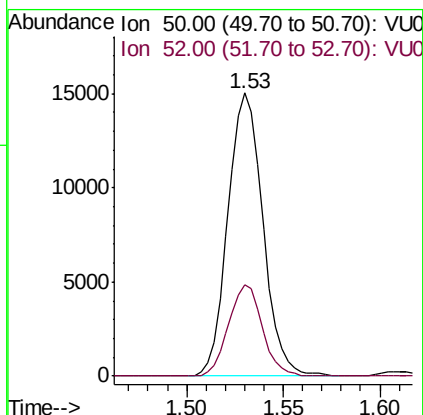
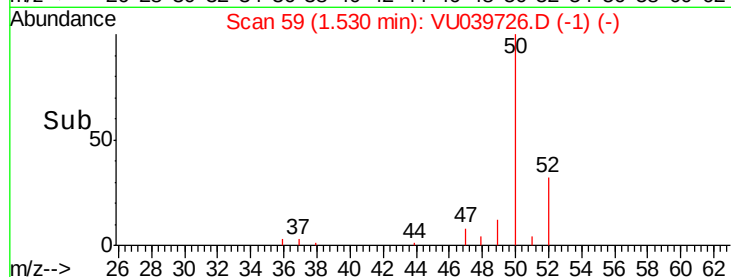
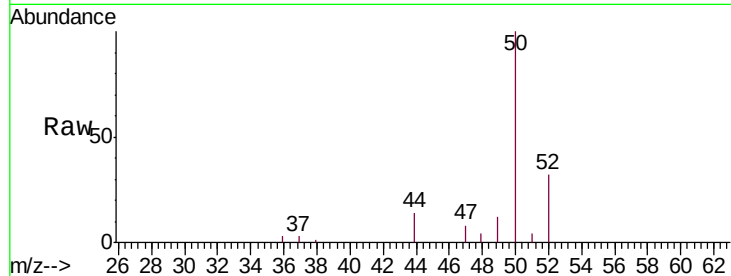




#3
 Chloromethane
 Concen: 2.105 ug/l
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

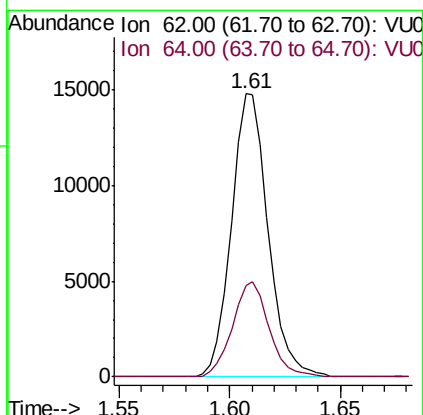
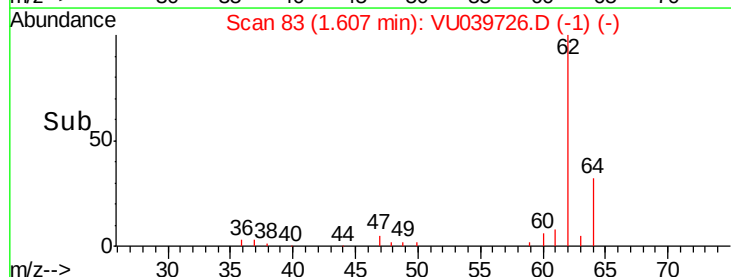
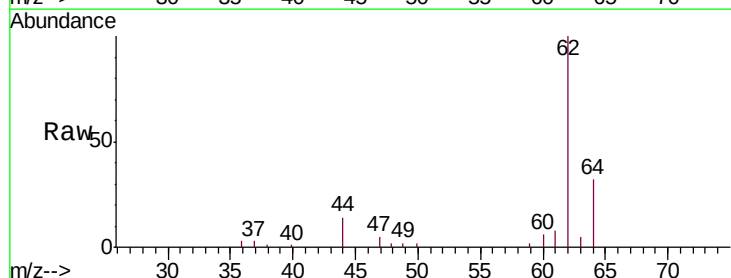
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

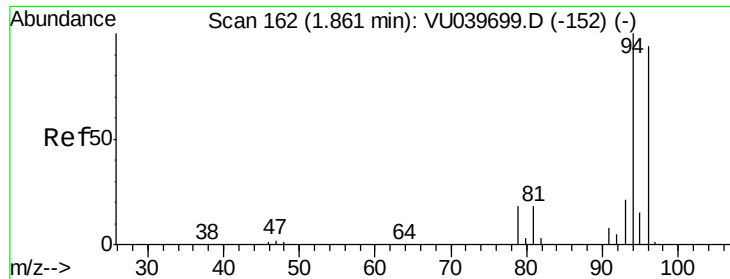
Tgt Ion: 50 Resp: 18888
 Ion Ratio Lower Upper
 50 100
 52 32.4 26.0 39.0



#4
 Vinyl Chloride
 Concen: 2.059 ug/l
 RT: 1.61 min Scan# 83
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion: 62 Resp: 17028
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.0 39.0





#5

Bromomethane

Concen: 1.818 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

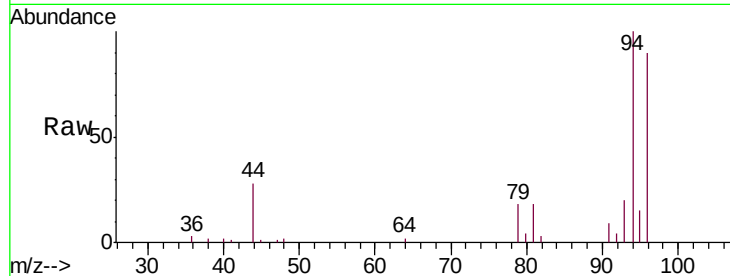
VU0730WBSD01

Tgt Ion: 94 Resp: 10280

Ion Ratio Lower Upper

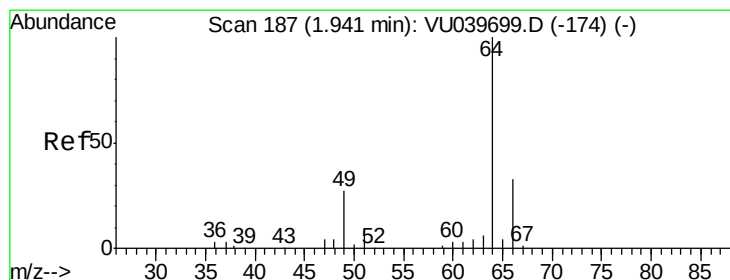
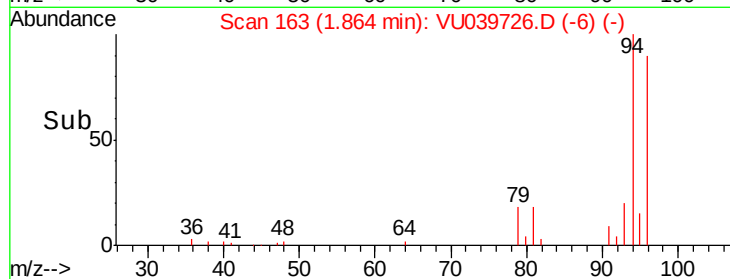
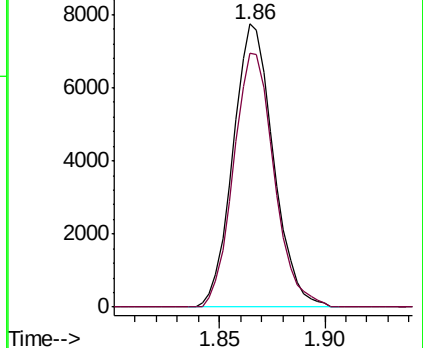
94 100

96 89.7 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 2.187 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU039726.D

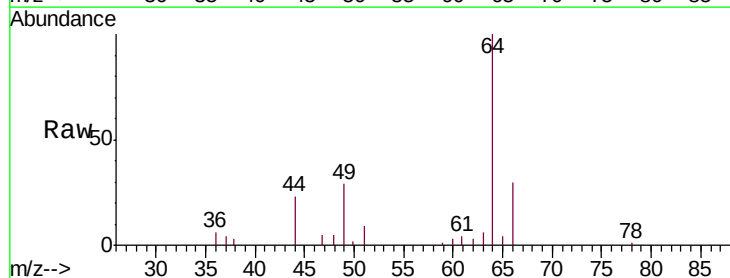
Acq: 30 Jul 2020 18:29

Tgt Ion: 64 Resp: 12546

Ion Ratio Lower Upper

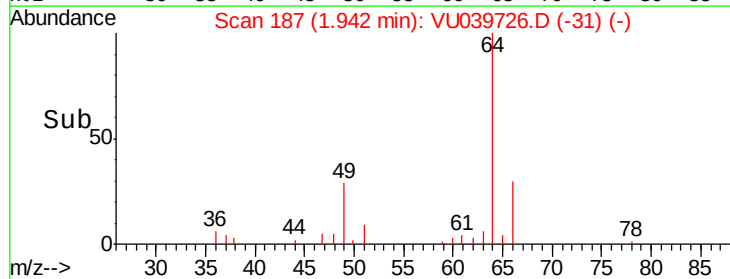
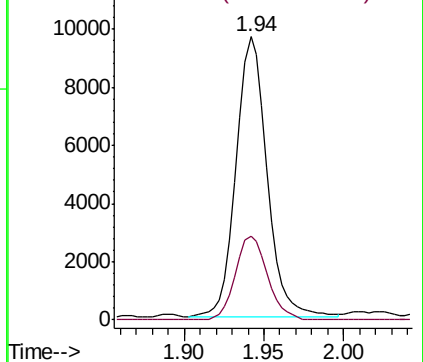
64 100

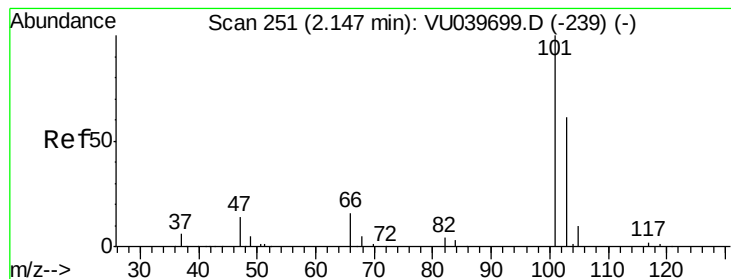
66 30.1 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



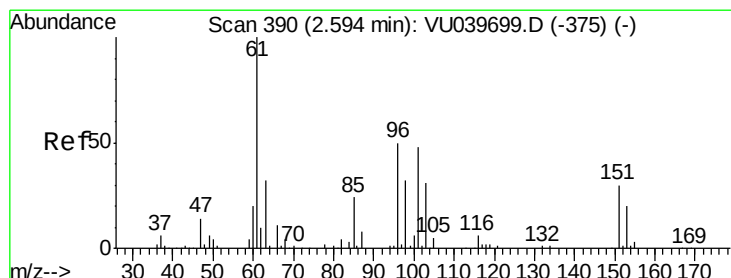
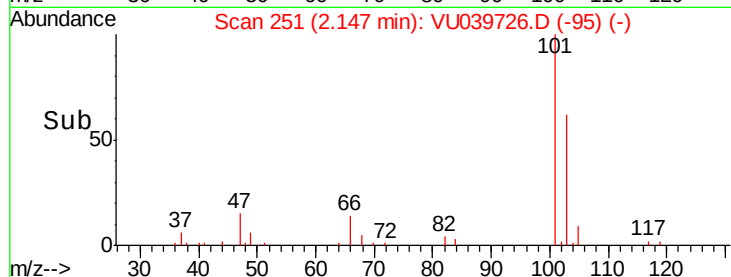
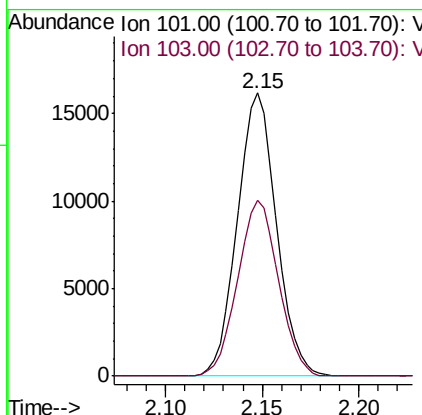
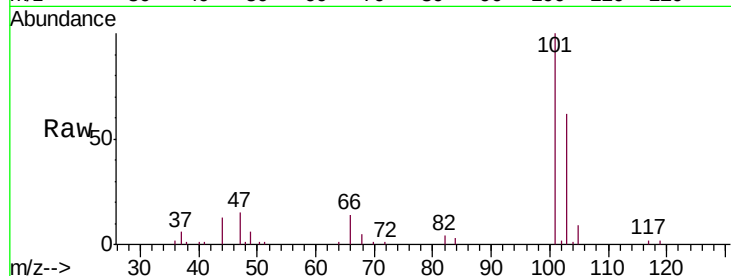


#7

Trichlorofluoromethane
 Concen: 2.078 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU039726.D
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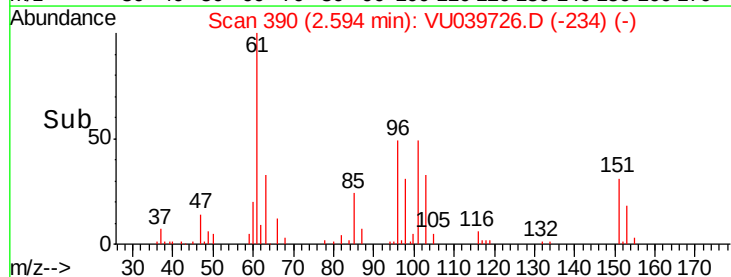
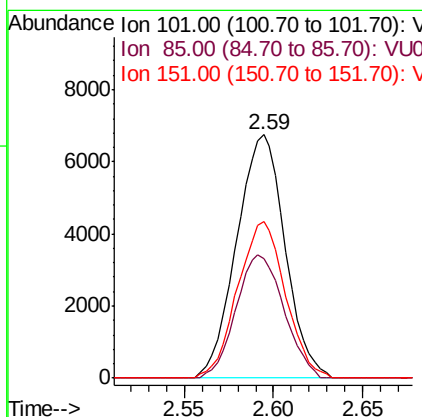
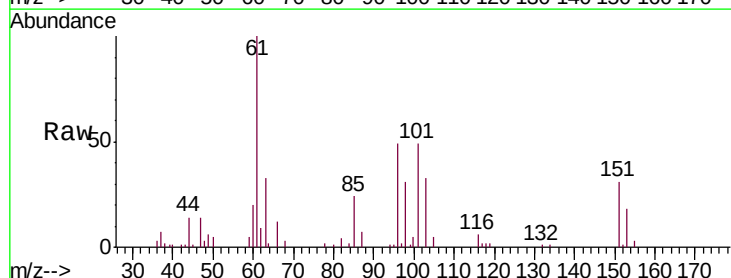
Tgt Ion:101 Resp: 22726
 Ion Ratio Lower Upper
 101 100
 103 61.9 48.8 73.2

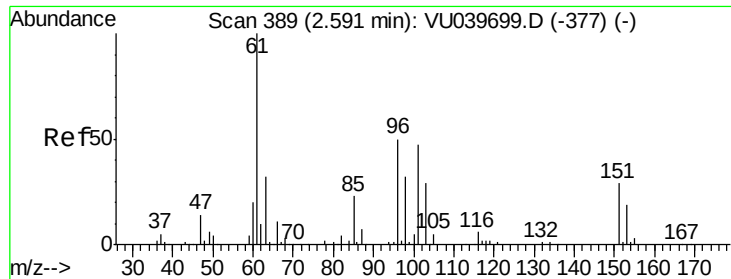


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.031 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion:101 Resp: 12747
 Ion Ratio Lower Upper
 101 100
 85 50.0 39.9 59.9
 151 63.5 51.0 76.4





#9

1,1-Dichloroethene

Concen: 1.939 ug/l

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

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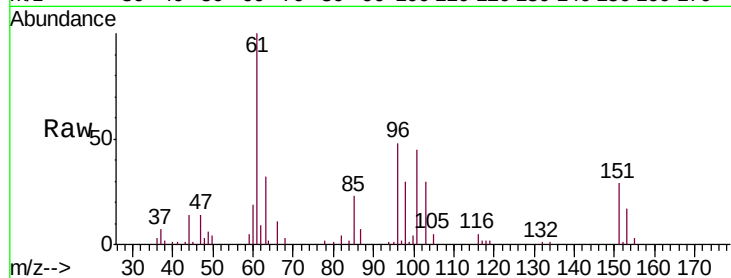
Tgt Ion: 96 Resp: 11201

Ion Ratio Lower Upper

96 100

61 208.3 0.0 604.5

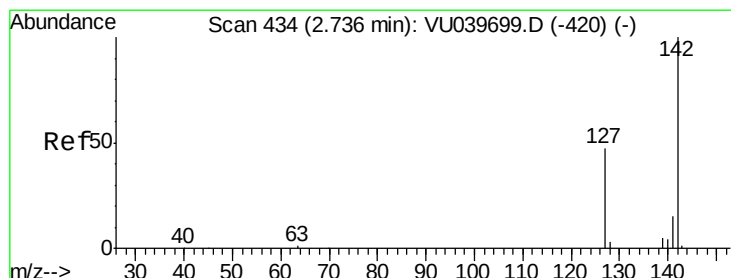
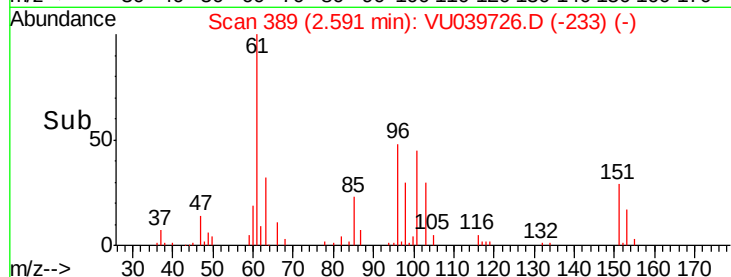
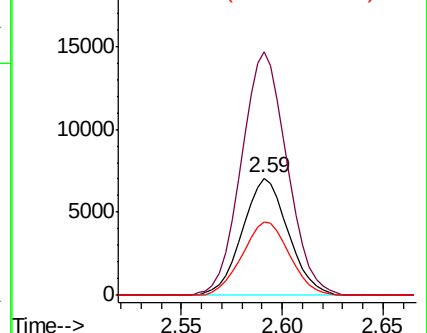
98 63.1 0.0 127.2



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



#10

Iodomethane

Concen: 2.486 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU039726.D

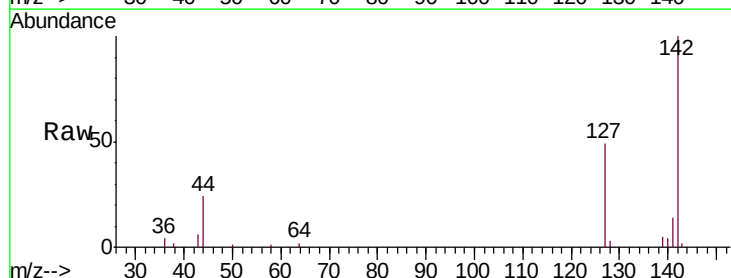
Acq: 30 Jul 2020 18:29

Tgt Ion: 142 Resp: 14480

Ion Ratio Lower Upper

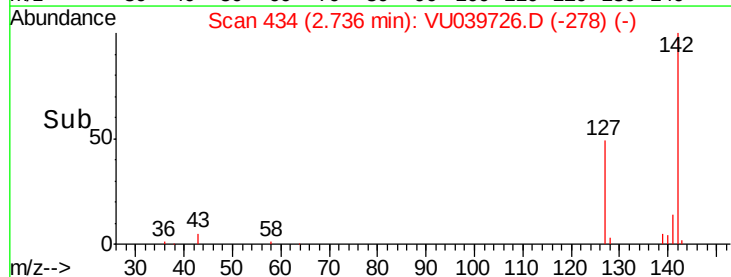
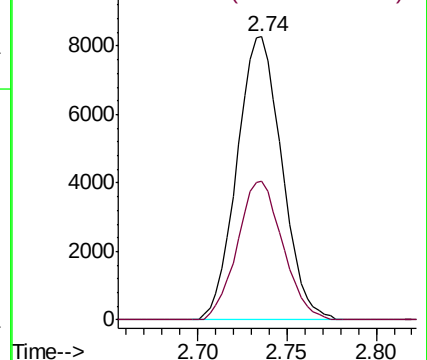
142 100

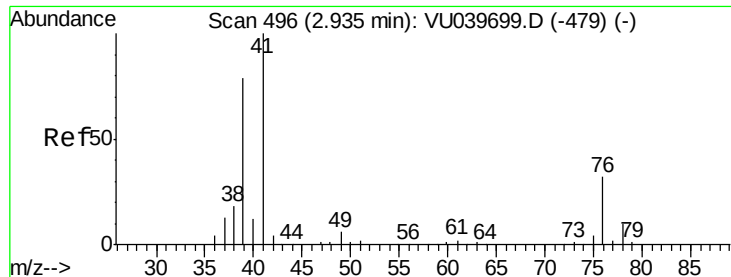
127 49.4 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

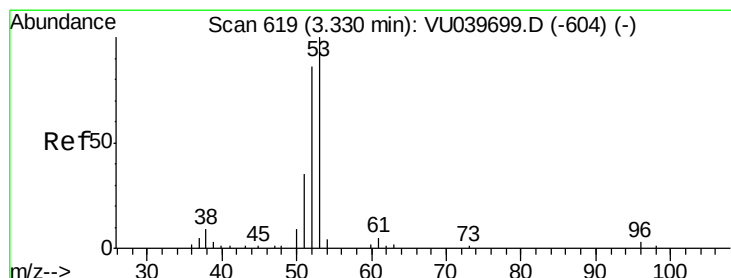
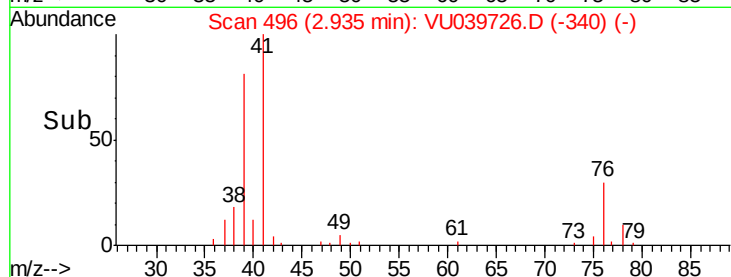
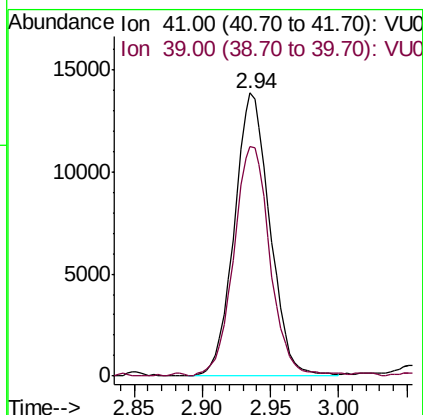
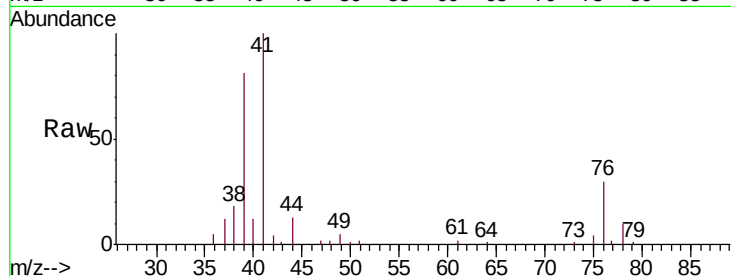




#11
 Allyl Chloride
 Concen: 2.014 ug/l
 RT: 2.94 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

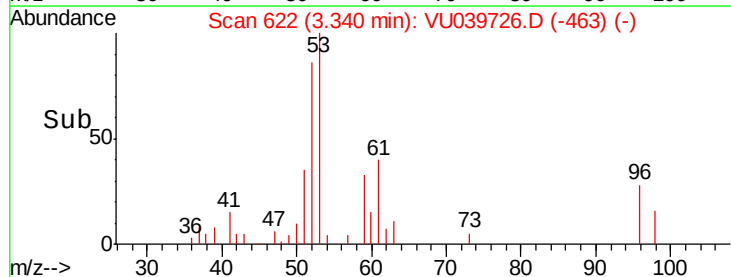
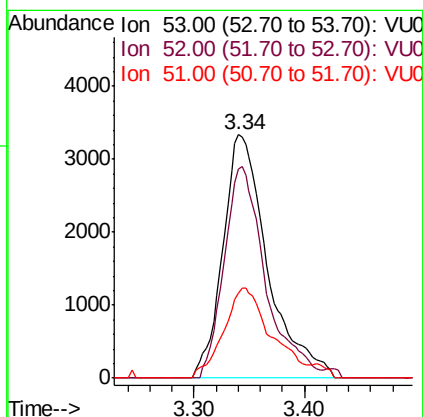
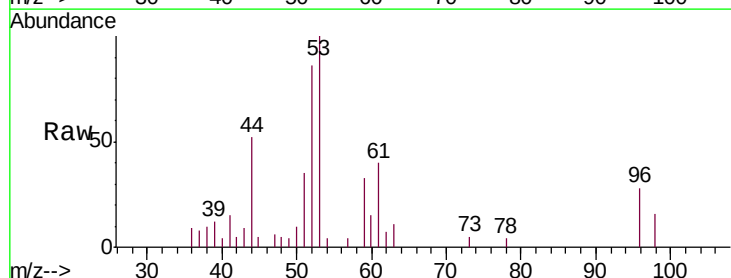
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

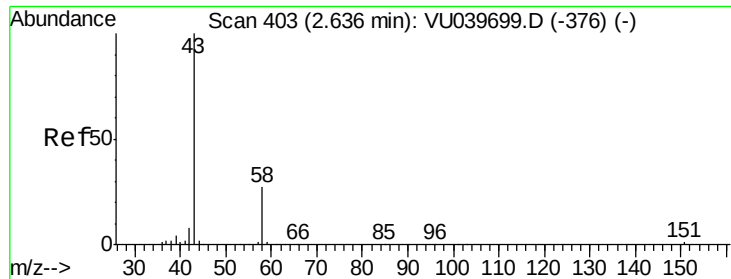
Tgt Ion: 41 Resp: 25090
 Ion Ratio Lower Upper
 41 100
 39 82.2 64.2 96.2



#12
 Acrylonitrile
 Concen: 4.629 ug/l
 RT: 3.34 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion: 53 Resp: 9383
 Ion Ratio Lower Upper
 53 100
 52 80.6 69.1 103.7
 51 39.6 29.4 44.2





#13

Acetone

Concen: 10.721 ug/l

RT: 2.66 min Scan# 411

Delta R.T. 0.03 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

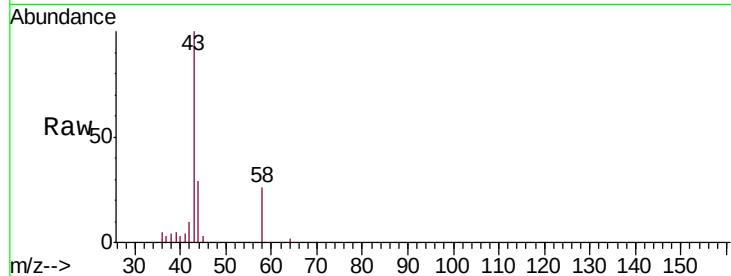
VU0730WBSD01

Tgt Ion: 43 Resp: 20449

Ion Ratio Lower Upper

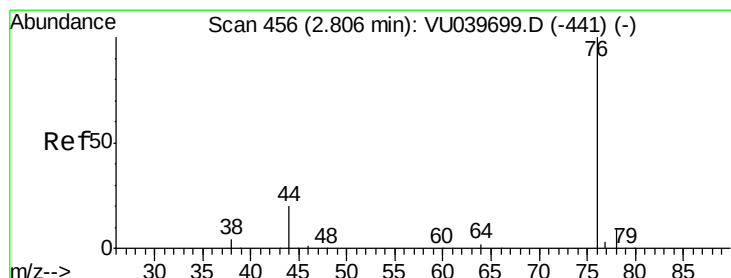
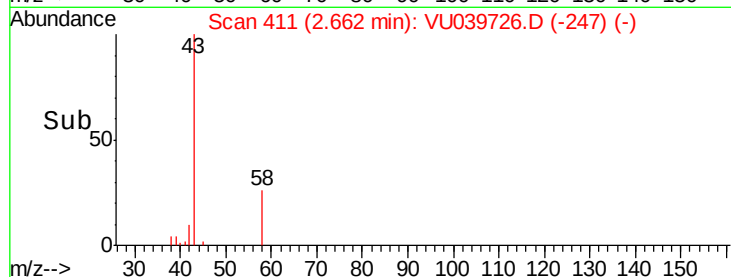
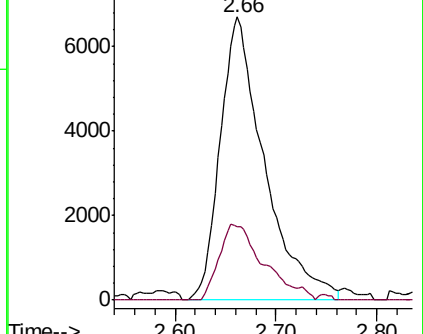
43 100

58 26.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU039726.D (-376) (-)

Ion 58.00 (57.70 to 58.70): VU039726.D (-376) (-)



#14

Carbon Disulfide

Concen: 1.942 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039726.D

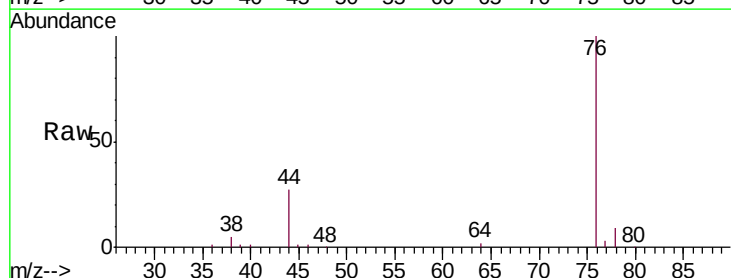
Acq: 30 Jul 2020 18:29

Tgt Ion: 76 Resp: 41126

Ion Ratio Lower Upper

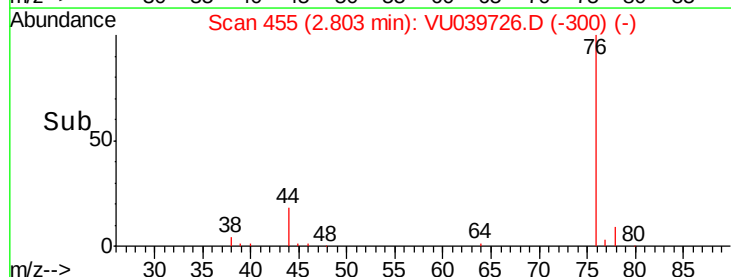
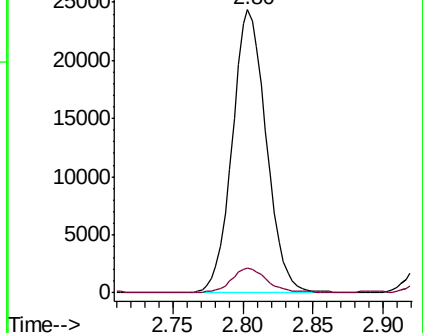
76 100

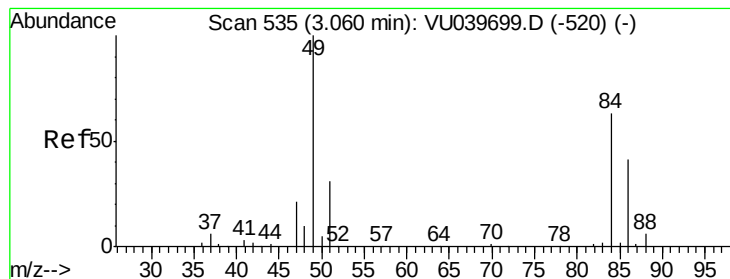
78 8.7 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VU039726.D (-300) (-)

Ion 78.00 (77.70 to 78.70): VU039726.D (-300) (-)





#15

Methylene Chloride

Concen: 2.865 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

Tgt Ion: 84 Resp: 23064

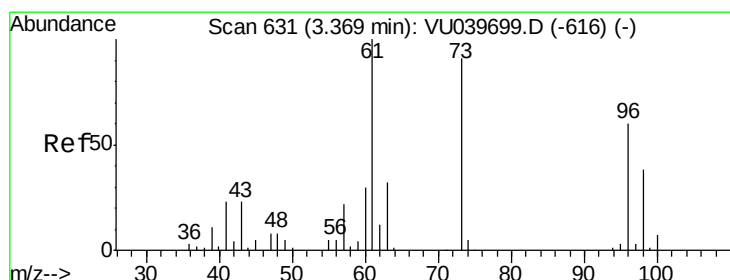
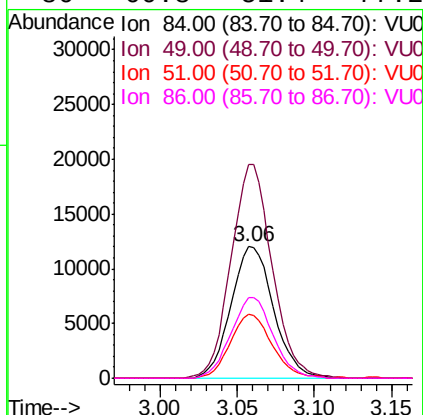
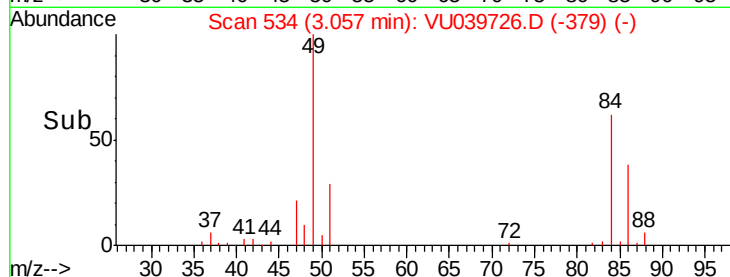
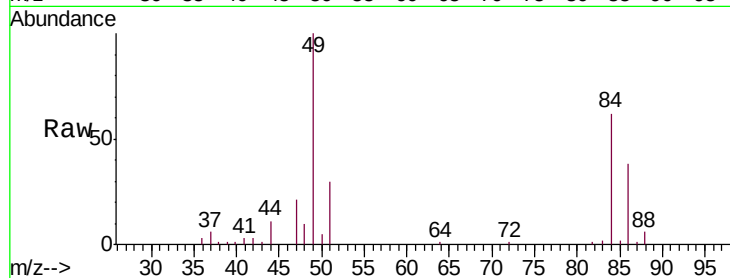
Ion Ratio Lower Upper

84 100

49 161.2 126.8 190.2

51 48.2 0.0 97.2

86 60.8 51.4 77.2



#16

trans-1,2-Dichloroethene

Concen: 2.023 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

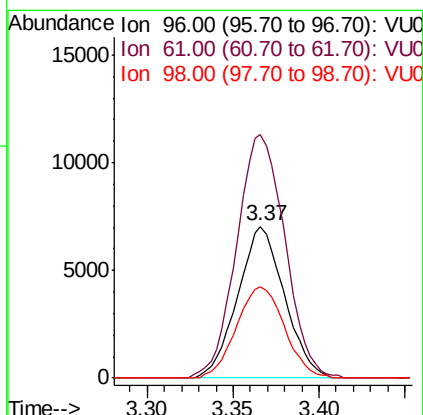
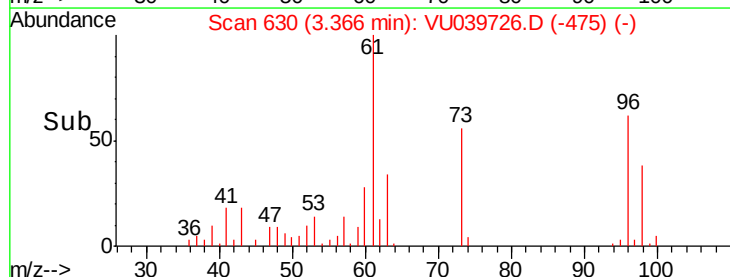
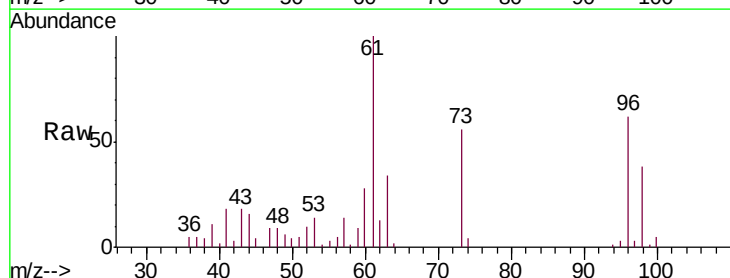
Tgt Ion: 96 Resp: 13284

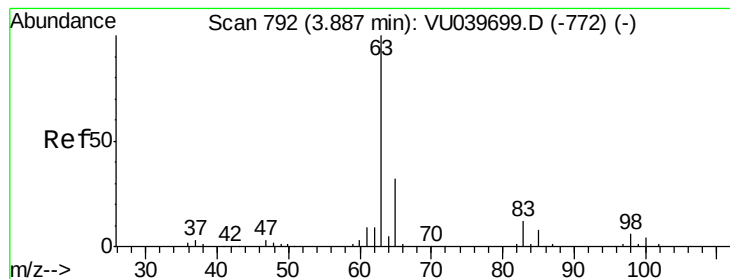
Ion Ratio Lower Upper

96 100

61 160.2 132.6 199.0

98 60.2 50.2 75.2





#17

1,1-Dichloroethane

Concen: 2.018 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

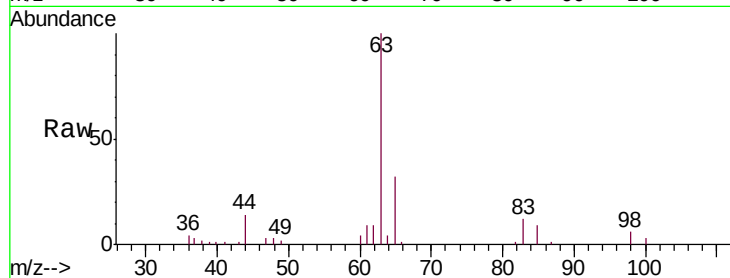
Tgt Ion: 63 Resp: 29100

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

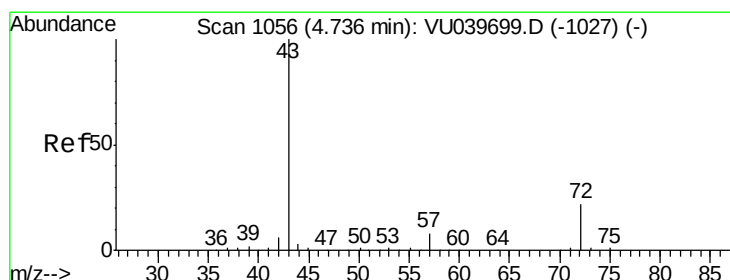
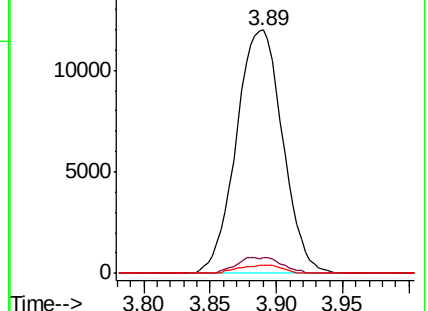
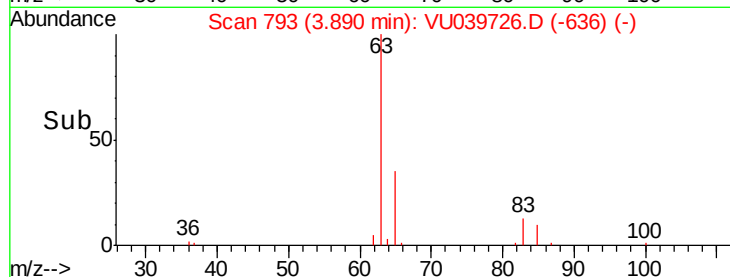
100 3.4 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-772) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-772) (-)

Ion 100.00 (99.70 to 100.70): VU039699.D (-772) (-)



#18

2-Butanone

Concen: 10.012 ug/l

RT: 4.75 min Scan# 1061

Delta R.T. 0.02 min

Lab File: VU039726.D

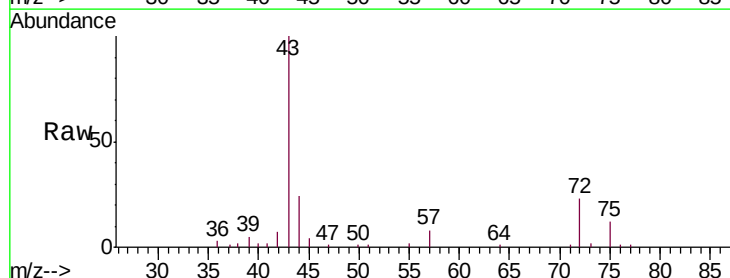
Acq: 30 Jul 2020 18:29

Tgt Ion: 43 Resp: 32113

Ion Ratio Lower Upper

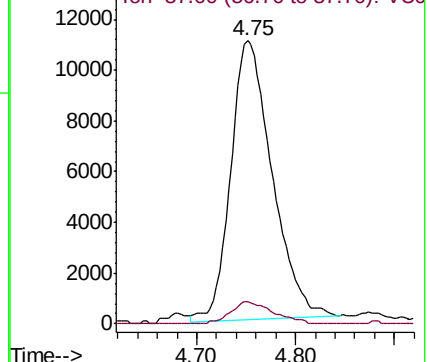
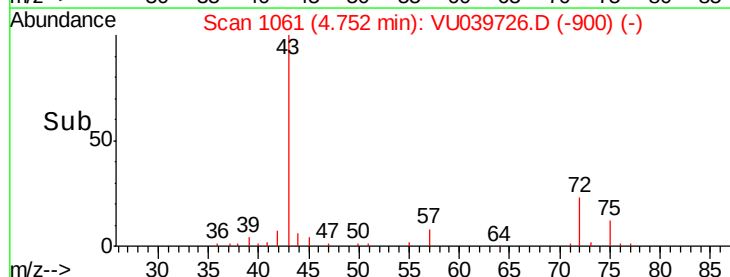
43 100

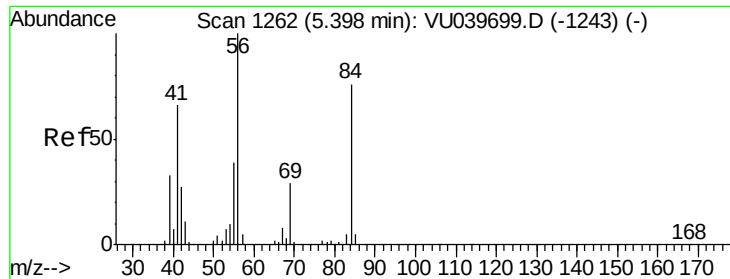
57 7.9 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-1027) (-)

Ion 57.00 (56.70 to 57.70): VU039699.D (-1027) (-)

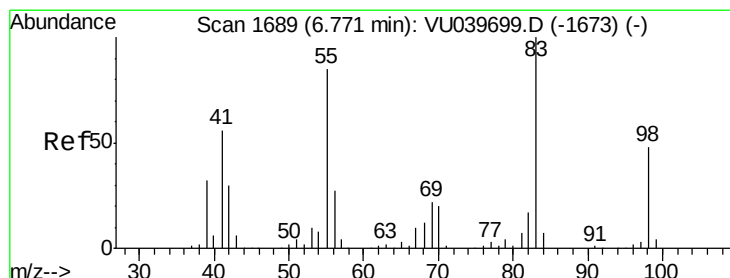
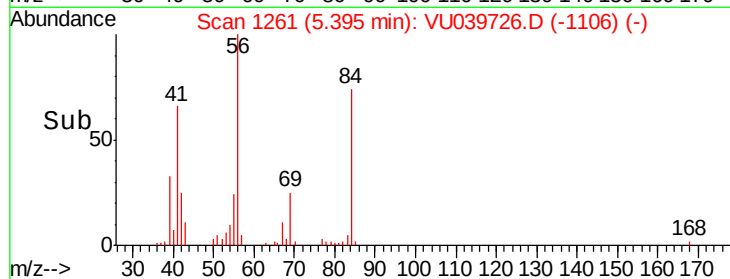
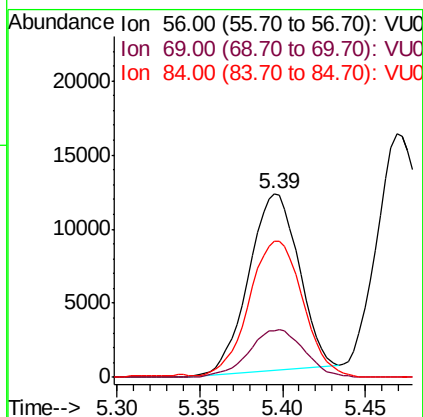
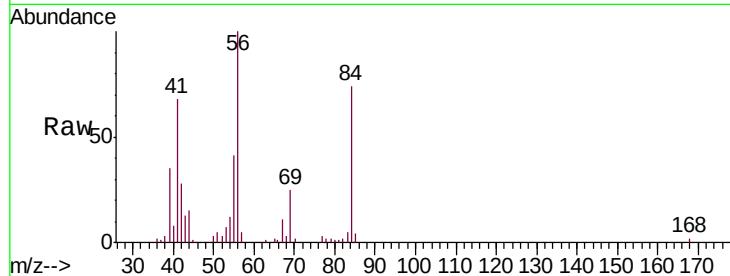




#19
Cyclohexane
Concen: 1.800 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

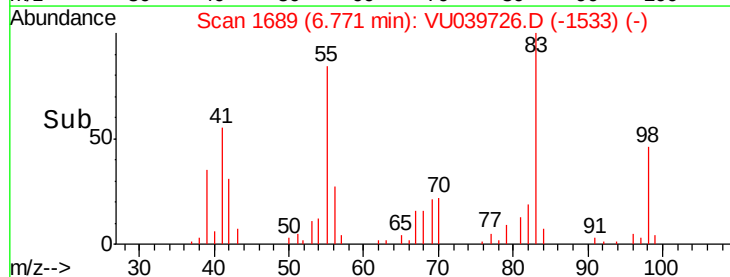
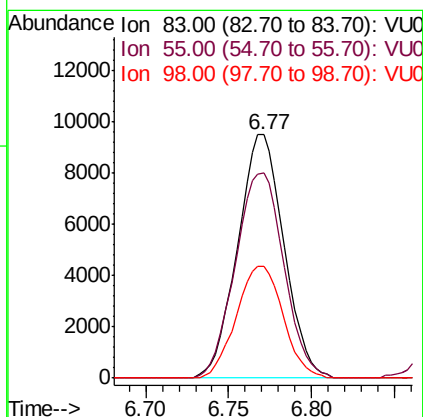
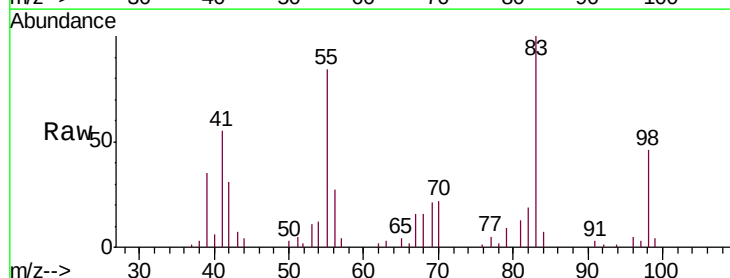
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

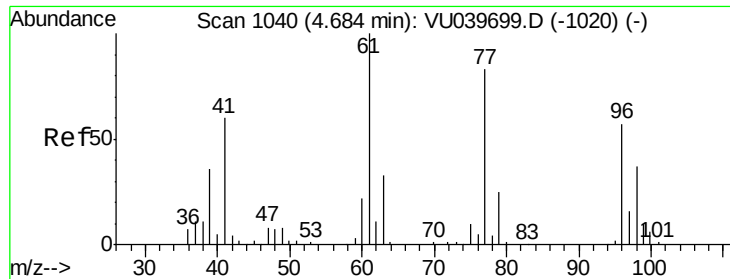
Tgt Ion: 56 Resp: 25124
Ion Ratio Lower Upper
56 100
69 29.8 22.8 34.2
84 81.6 59.9 89.9



#20
Methylcyclohexane
Concen: 1.782 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Tgt Ion: 83 Resp: 18427
Ion Ratio Lower Upper
83 100
55 88.4 67.6 101.4
98 46.4 37.3 55.9

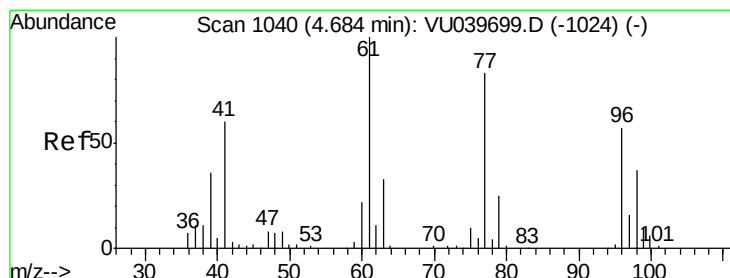
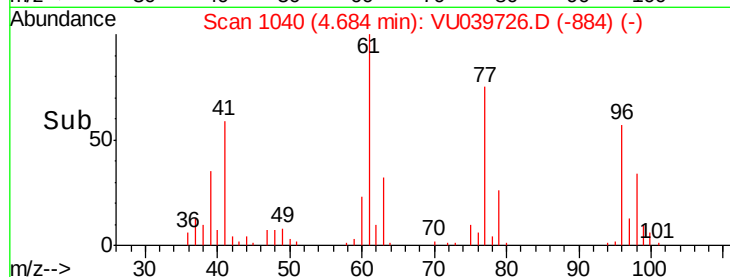
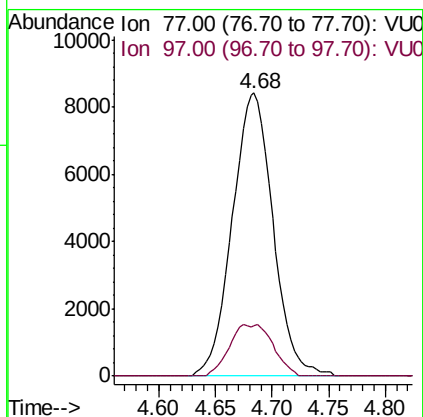
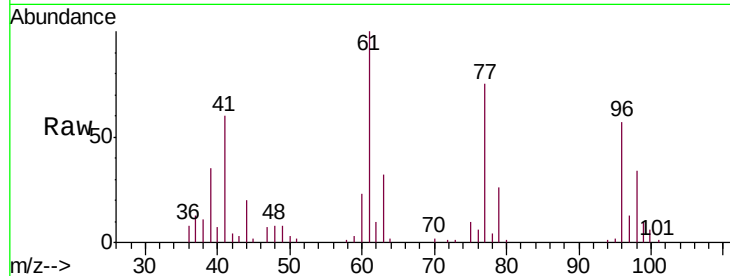




#21
 2,2-Dichloropropane
 Concen: 1.795 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

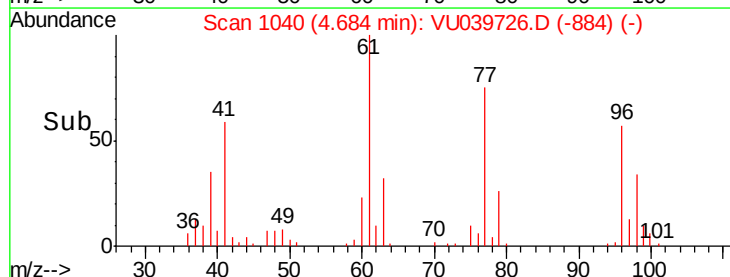
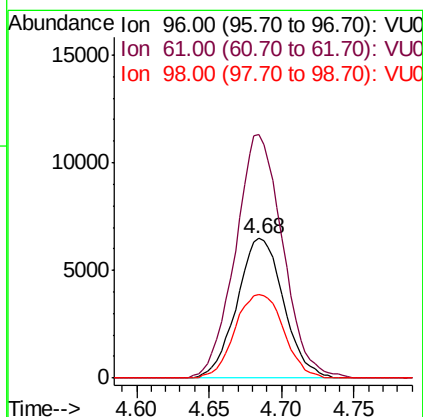
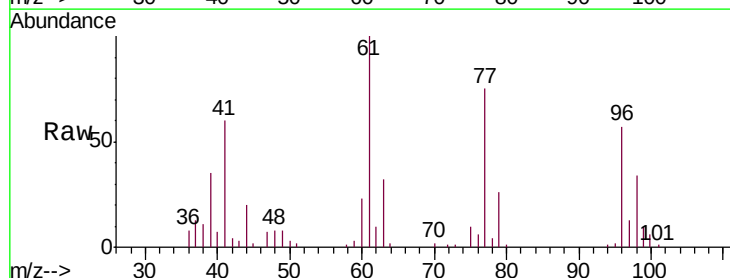
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

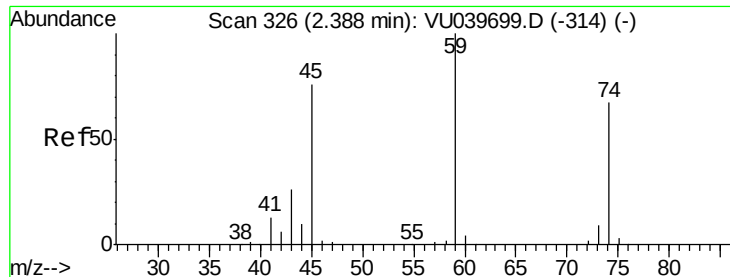
Tgt Ion: 77 Resp: 21116
 Ion Ratio Lower Upper
 77 100
 97 10.0 15.2 22.8#



#22
 cis-1,2-Dichloroethene
 Concen: 2.046 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion: 96 Resp: 14483
 Ion Ratio Lower Upper
 96 100
 61 176.9 0.0 451.3
 98 62.4 32.6 98.0

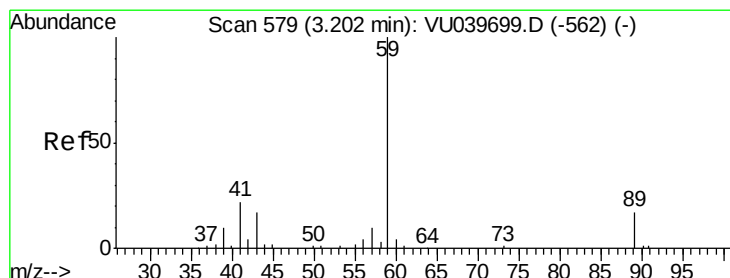
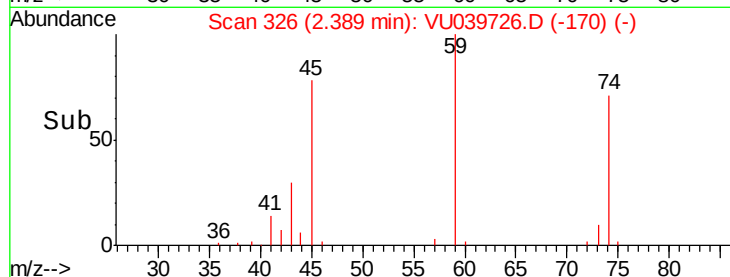
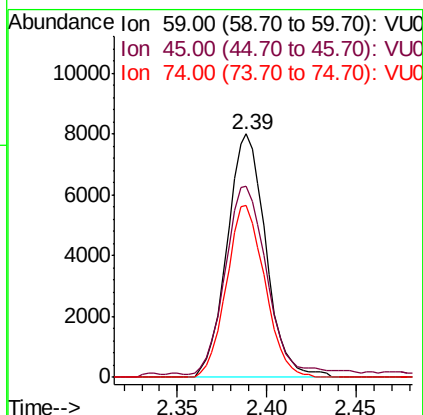
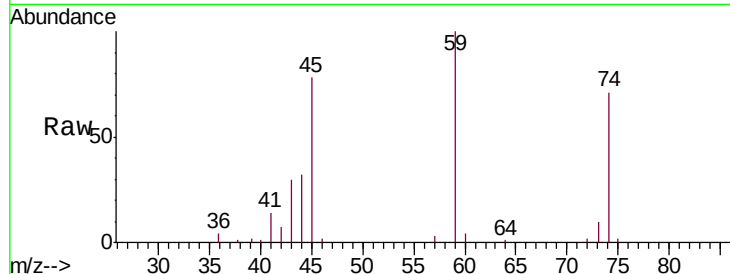




#23
Diethyl Ether
Concen: 2.049 ug/l
RT: 2.39 min Scan# 326
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

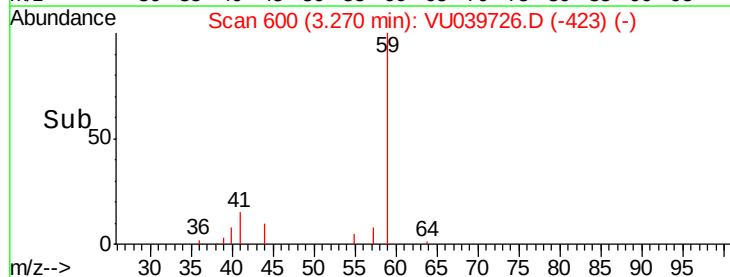
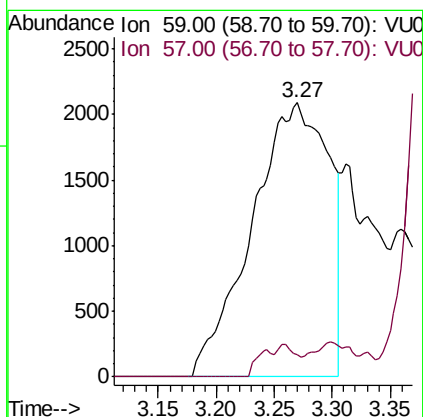
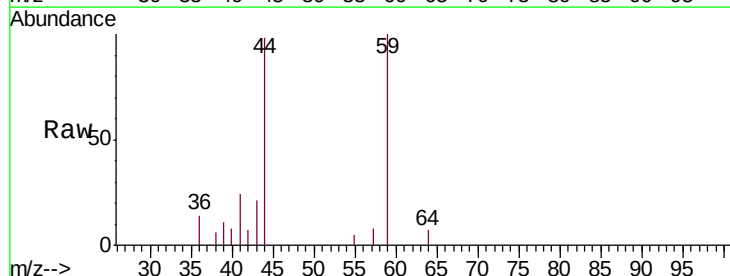
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

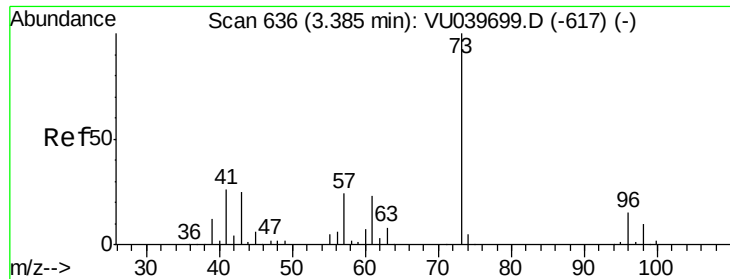
Tgt Ion: 59 Resp: 12098
Ion Ratio Lower Upper
59 100
45 81.8 61.5 92.3
74 70.1 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 5.852 ug/l
RT: 3.27 min Scan# 600
Delta R.T. 0.07 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Tgt Ion: 59 Resp: 9631
Ion Ratio Lower Upper
59 100
57 95.4 7.8 11.6#

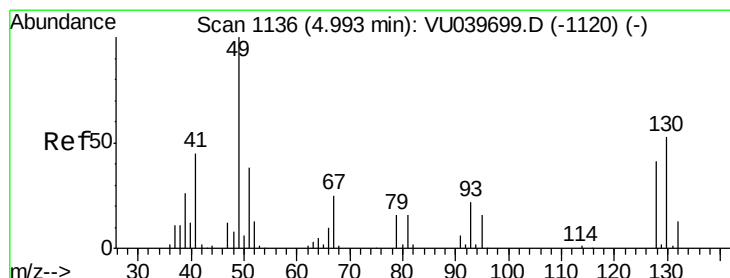
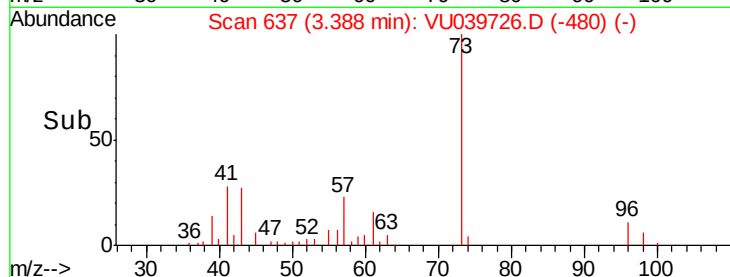
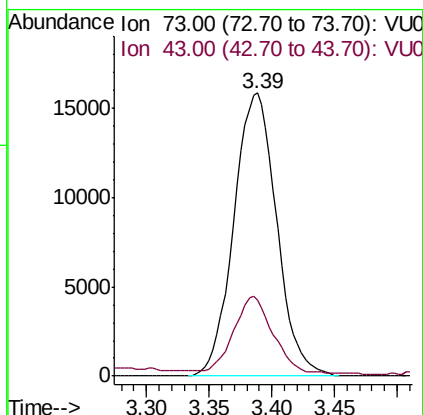
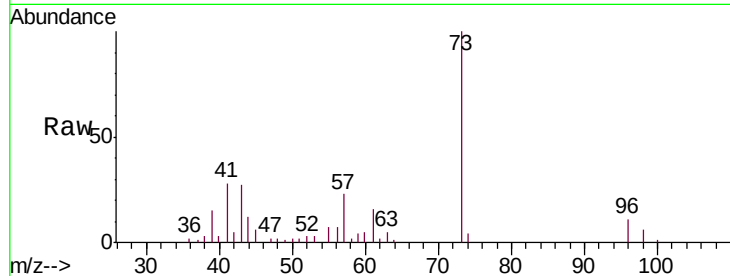




#25
Methyl tert-Butyl Ether
Concen: 1.996 ug/l
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

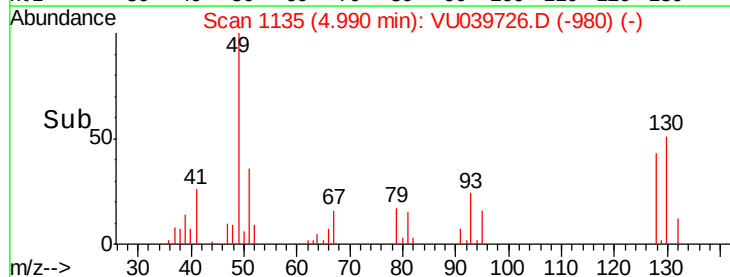
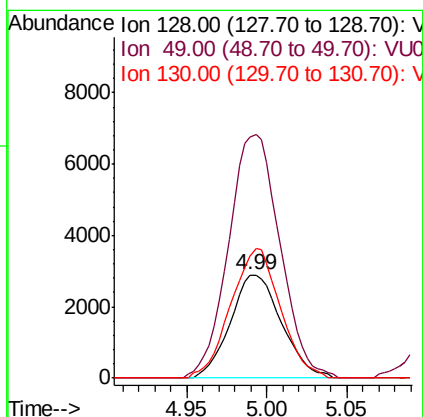
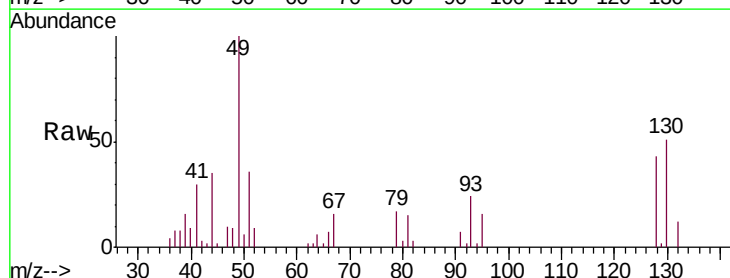
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

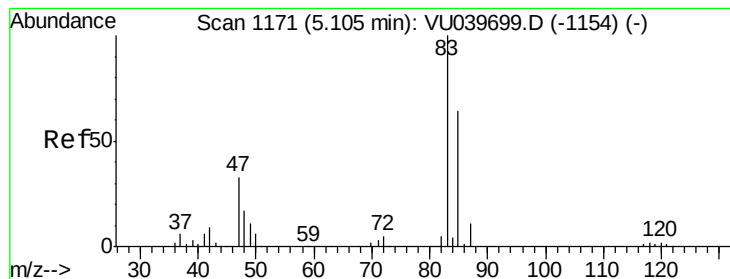
Tgt Ion: 73 Resp: 37616
Ion Ratio Lower Upper
73 100
43 24.6 20.1 30.1



#26
Bromochloromethane
Concen: 2.190 ug/l
RT: 4.99 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Tgt Ion: 128 Resp: 6340
Ion Ratio Lower Upper
128 100
49 237.0 0.0 503.8
130 121.6 102.7 154.1





#27

Chloroform

Concen: 1.990 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

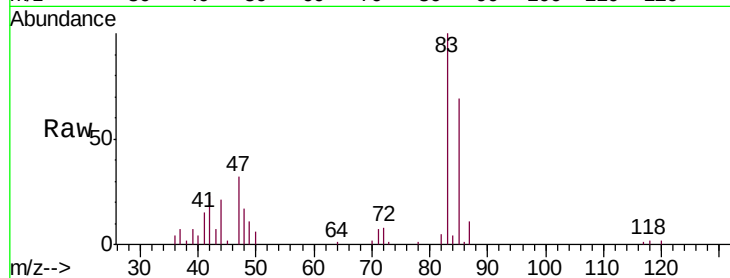
VU0730WBSD01

Tgt Ion: 83 Resp: 26848

Ion Ratio Lower Upper

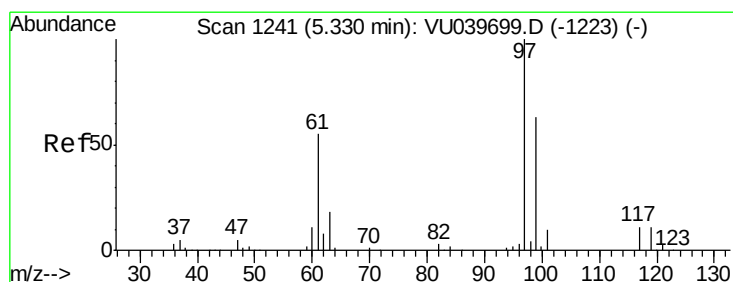
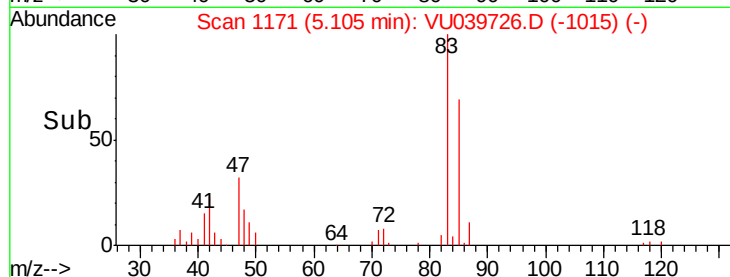
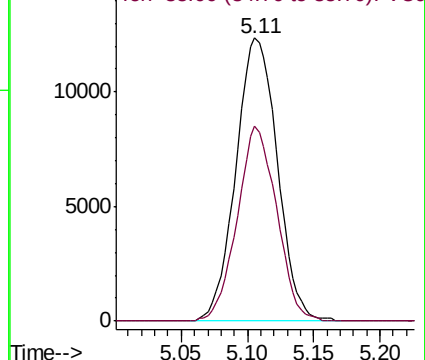
83 100

85 68.8 0.0 128.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 1.923 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

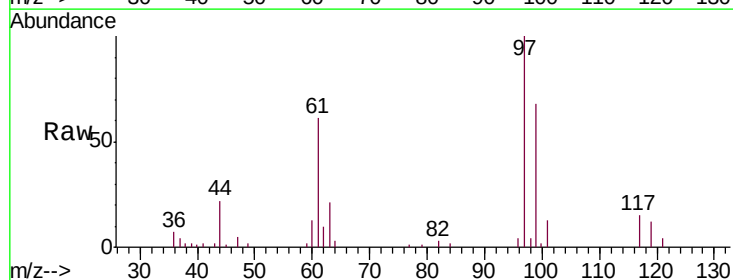
Tgt Ion: 97 Resp: 21001

Ion Ratio Lower Upper

97 100

99 66.9 32.2 96.6

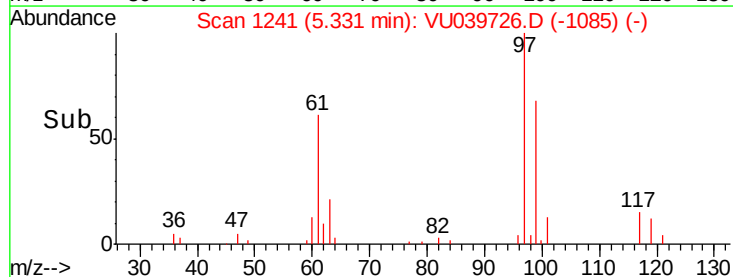
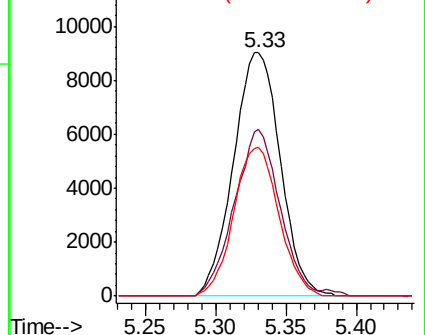
61 58.9 28.3 85.0

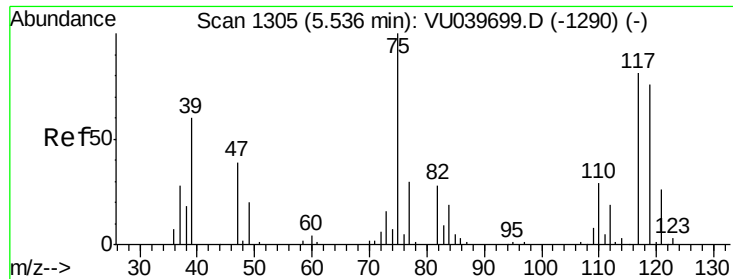


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

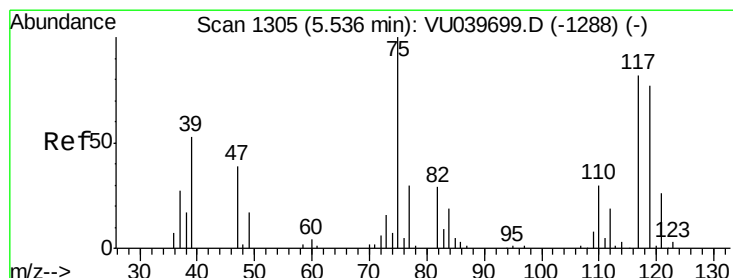
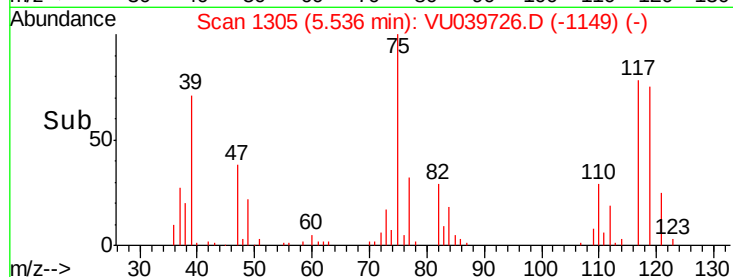
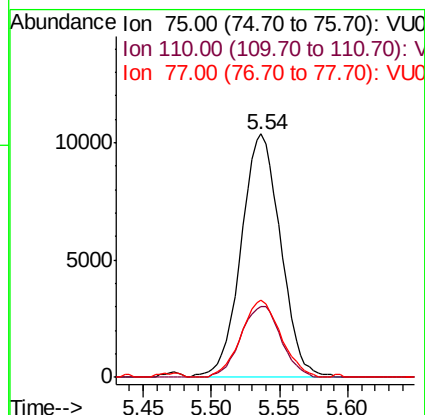
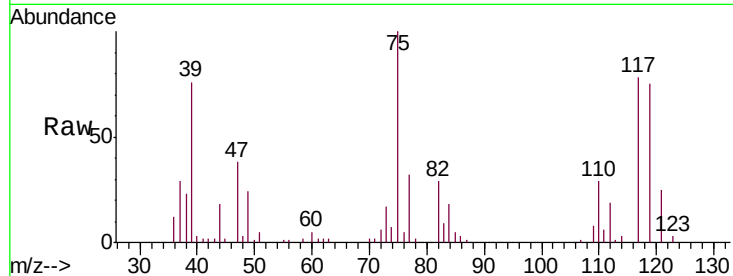




#29
 1,1-Dichloropropene
 Concen: 1.981 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

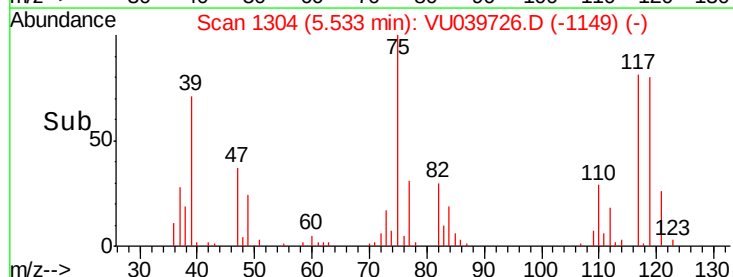
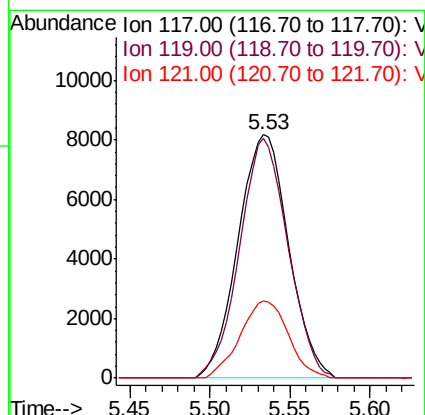
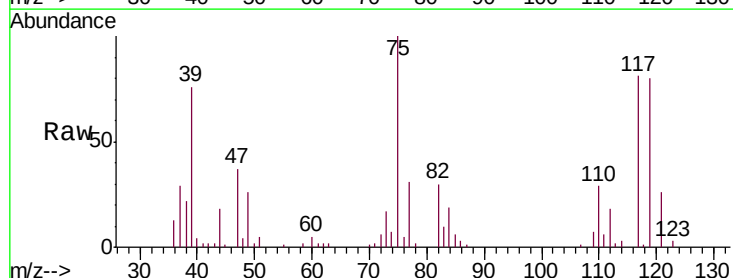
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

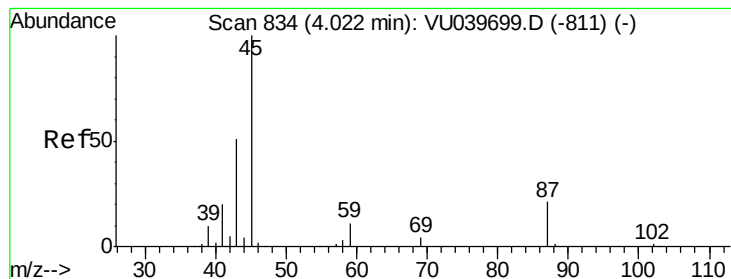
Tgt Ion	Ratio	Lower	Upper
75	100		
110	29.9	14.6	44.0
77	32.0	25.0	37.4



#30
 Carbon Tetrachloride
 Concen: 1.984 ug/l
 RT: 5.53 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.2	112.8
121	31.8	25.4	38.2





#31

Isopropyl Ether

Concen: 2.007 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

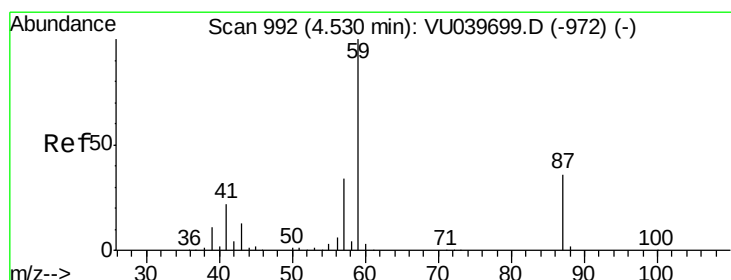
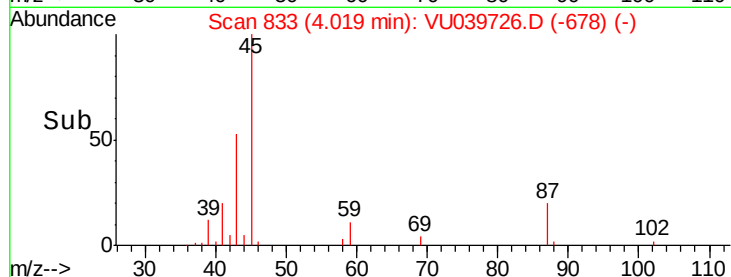
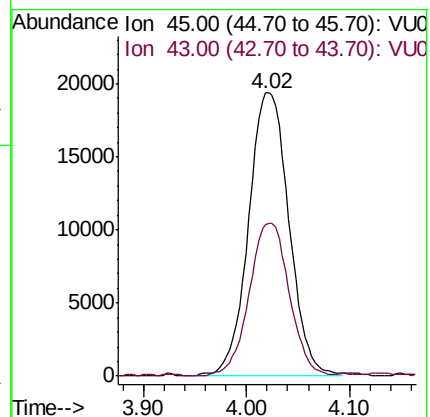
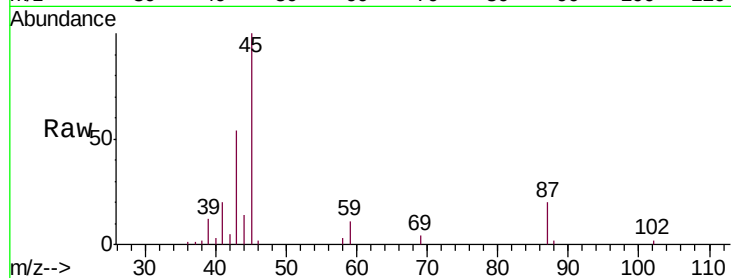
VU0730WBSD01

Tgt Ion: 45 Resp: 52768

Ion Ratio Lower Upper

45 100

43 53.7 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 1.947 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039726.D

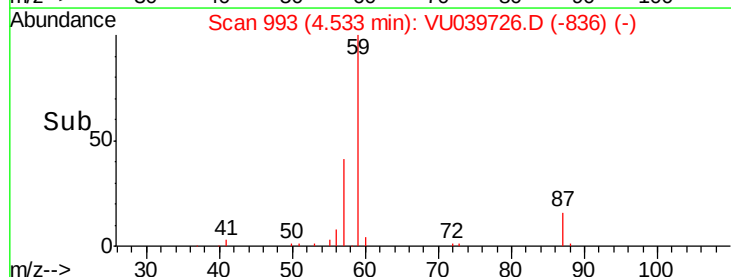
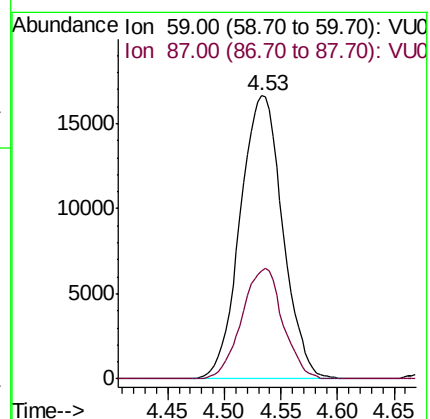
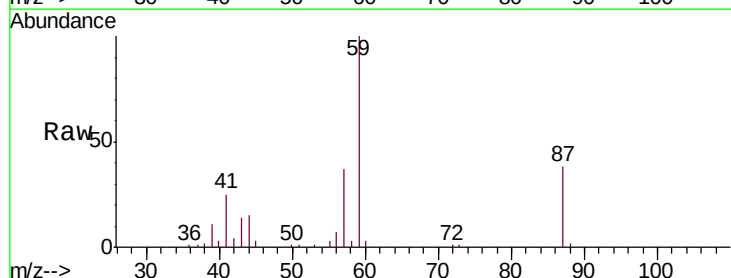
Acq: 30 Jul 2020 18:29

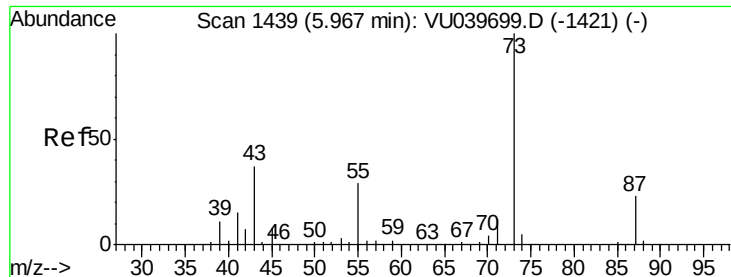
Tgt Ion: 59 Resp: 43561

Ion Ratio Lower Upper

59 100

87 37.5 29.4 44.0

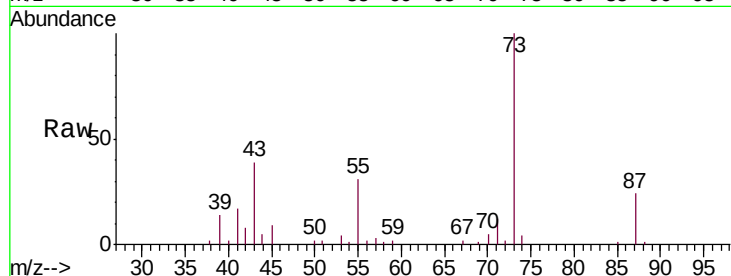




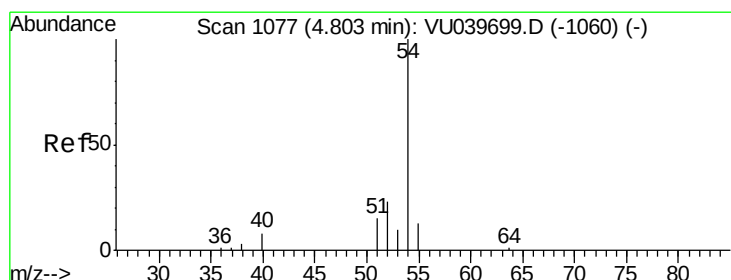
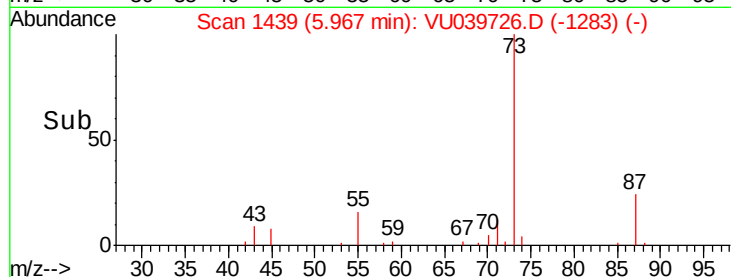
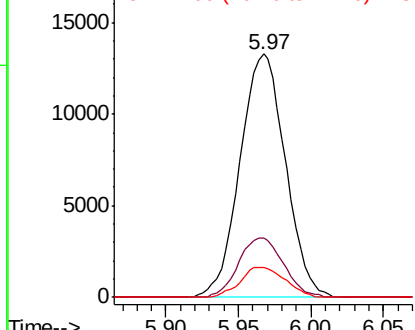
#33
Tert-Amyl methyl ether
Concen: 1.789 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

Tgt Ion: 73 Resp: 28869
Ion Ratio Lower Upper
73 100
87 24.1 18.7 28.1
71 12.2 9.1 13.7

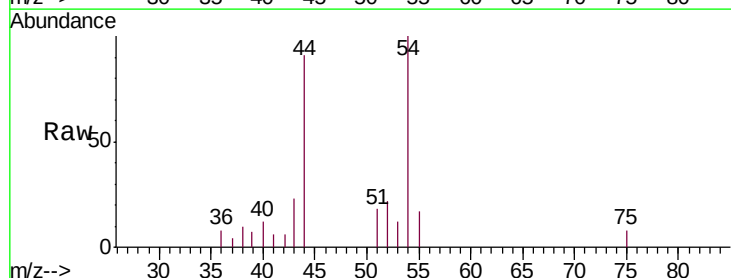


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

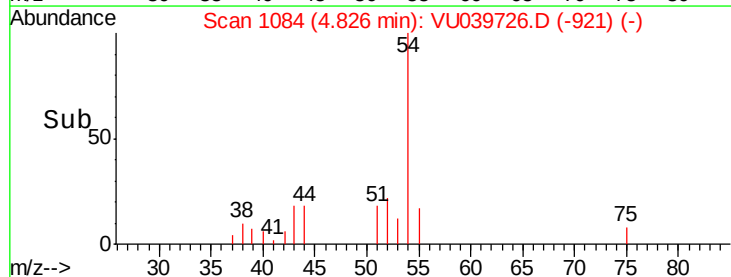
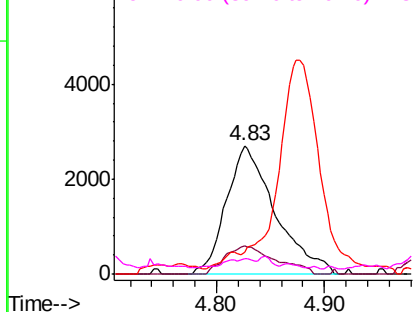


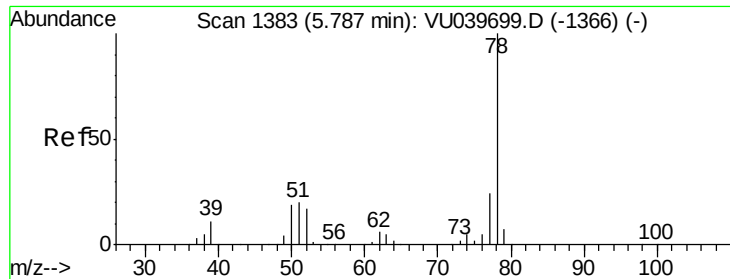
#34
Propionitrile
Concen: 10.763 ug/l
RT: 4.83 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Tgt Ion: 54 Resp: 8516
Ion Ratio Lower Upper
54 100
52 22.5 16.9 25.3
55 4.8 12.9 19.3#
40 1.5 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: 1.880 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

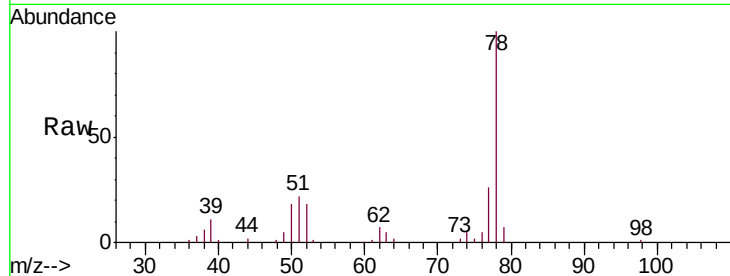
VU0730WBSD01

Tgt Ion: 78 Resp: 48897

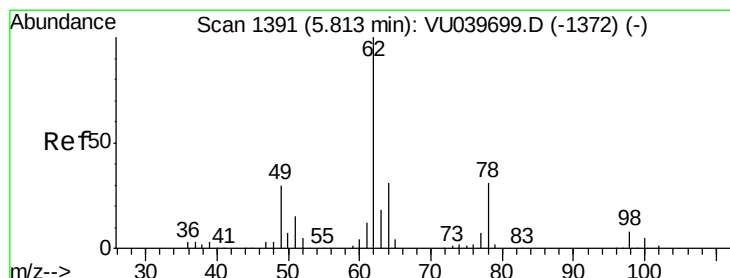
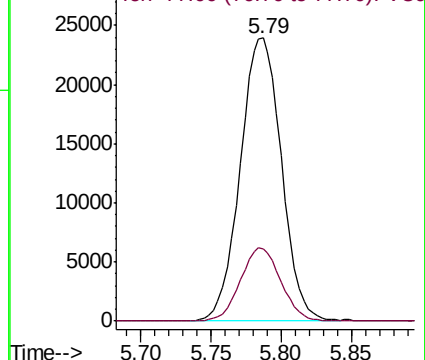
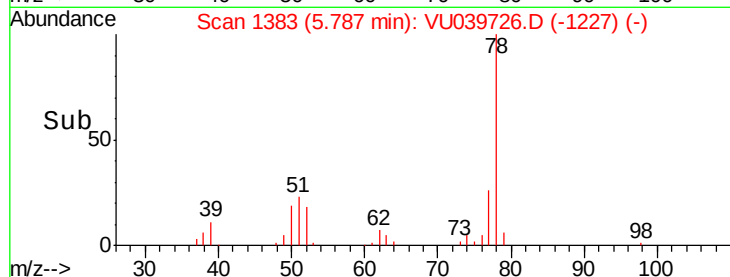
Ion Ratio Lower Upper

78 100

77 25.7 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039726.D (-1227) (-)



#36

1,2-Dichloroethane

Concen: 1.932 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU039726.D

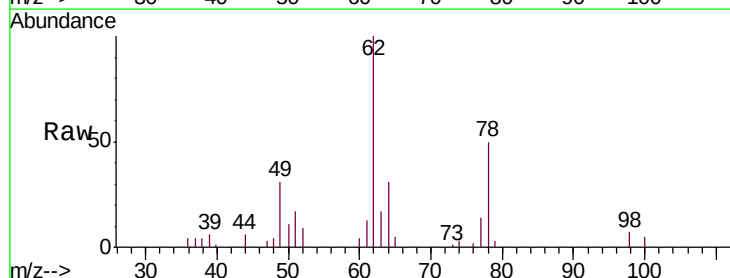
Acq: 30 Jul 2020 18:29

Tgt Ion: 62 Resp: 18837

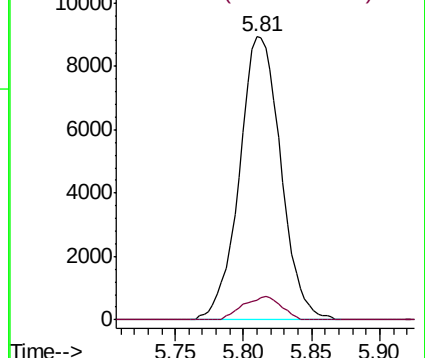
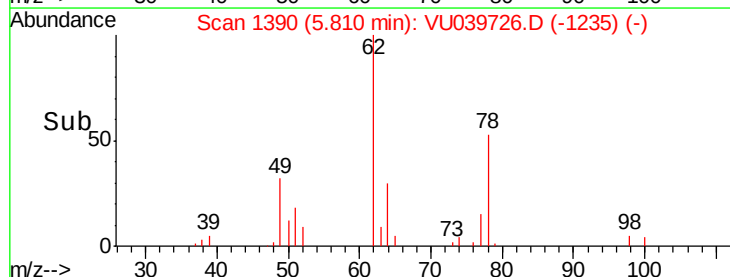
Ion Ratio Lower Upper

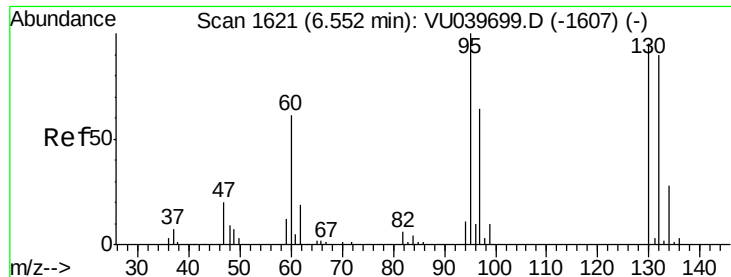
62 100

98 7.6 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039726.D (-1235) (-)

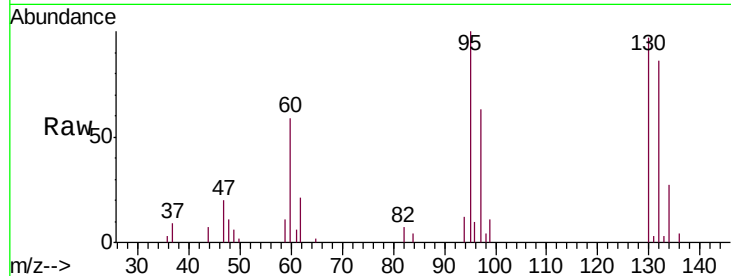




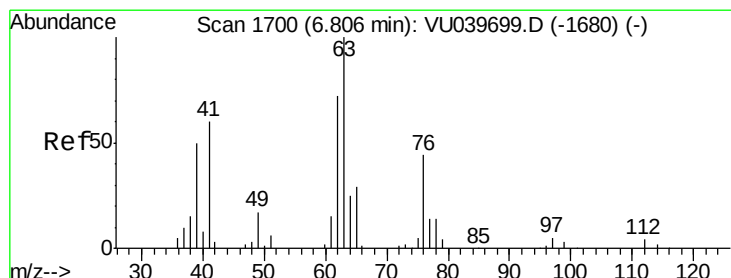
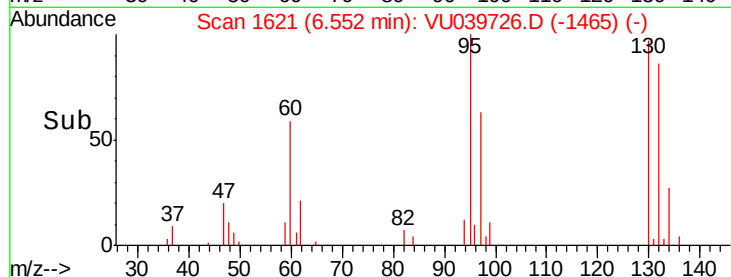
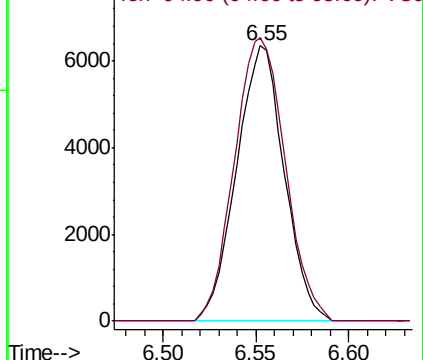
#37
 Trichloroethene
 Concen: 1.902 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

Tgt Ion:130 Resp: 11317
 Ion Ratio Lower Upper
 130 100
 95 102.9 84.3 126.5

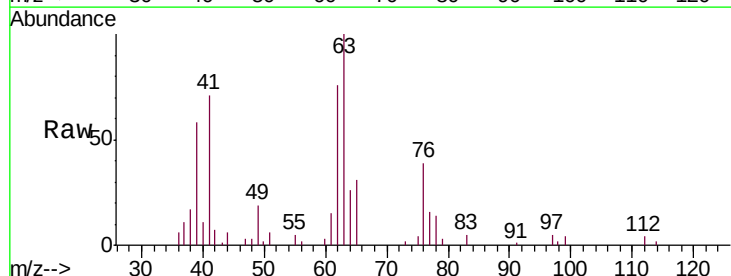


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

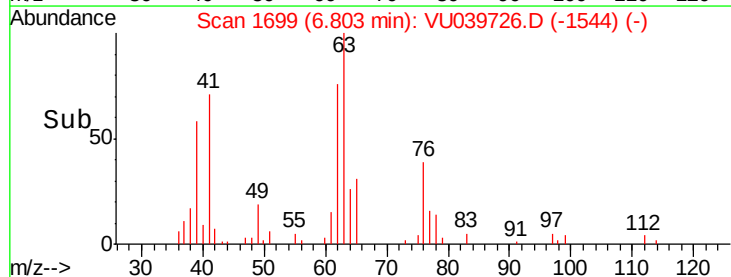
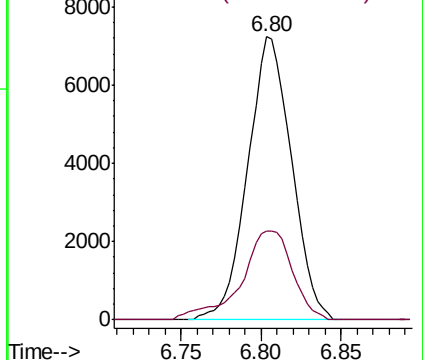


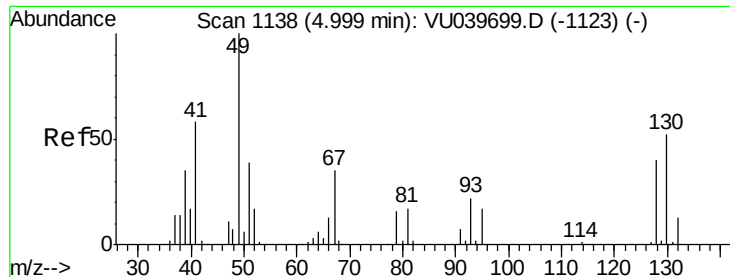
#38
 1,2-Dichloropropane
 Concen: 1.901 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion: 63 Resp: 13629
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.8 35.6



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

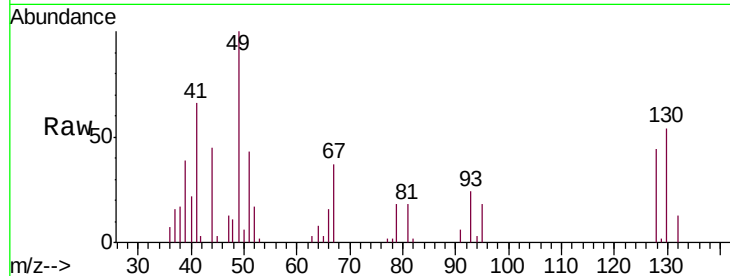




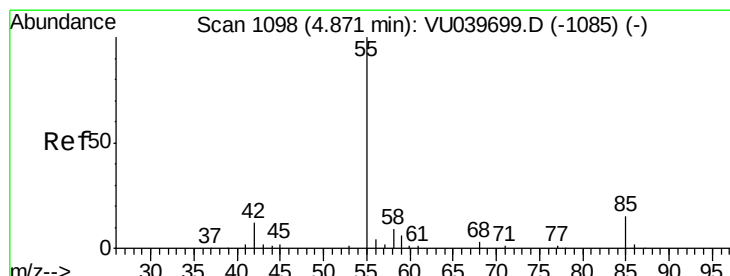
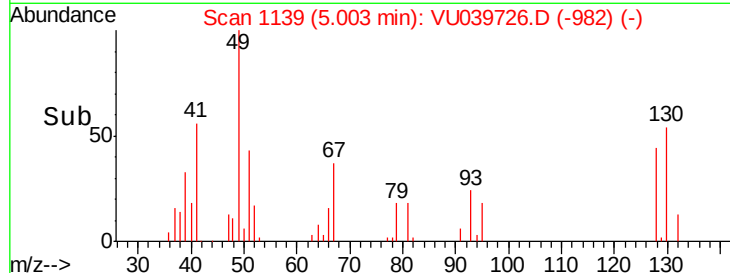
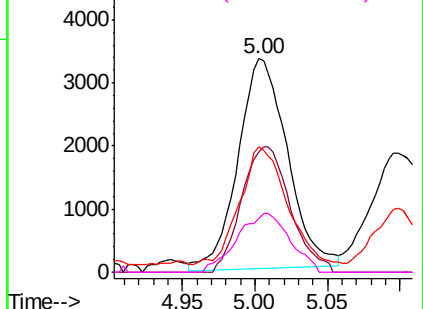
#39
Methacrylonitrile
Concen: 1.894 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

Tgt Ion:	41	Resp:	7896
Ion	Ratio	Lower	Upper
41	100		
67	58.8	48.3	72.5
39	53.5	47.6	71.4
52	29.9	23.9	35.9

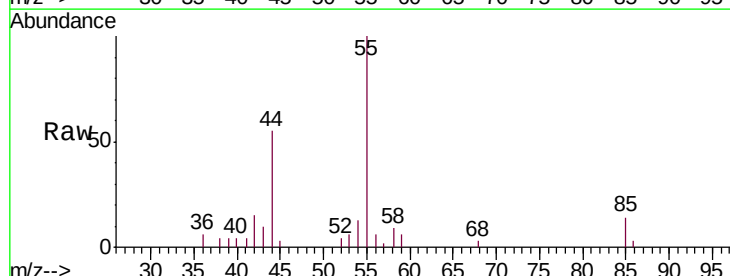


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

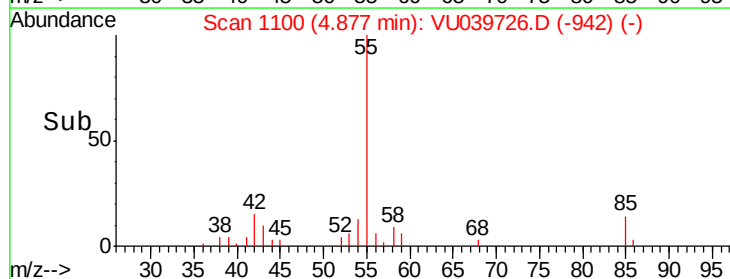
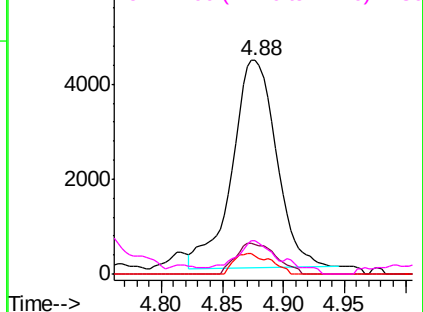


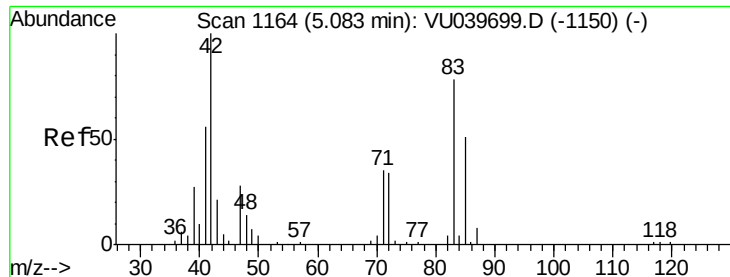
#40
Methyl acrylate
Concen: 2.038 ug/l
RT: 4.88 min Scan# 1100
Delta R.T. 0.01 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Tgt Ion:	55	Resp:	10959
Ion	Ratio	Lower	Upper
55	100		
85	13.6	11.4	17.0
58	8.2	7.4	11.0
42	9.5	10.3	15.5#



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





#41

Tetrahydrofuran

Concen: 4.267 ug/l

RT: 5.10 min Scan# 1168

Delta R.T. 0.01 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

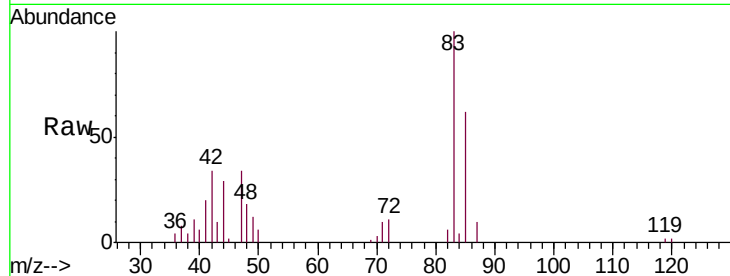
Tgt Ion: 42 Resp: 8951

Ion Ratio Lower Upper

42 100

72 32.6 31.0 46.6

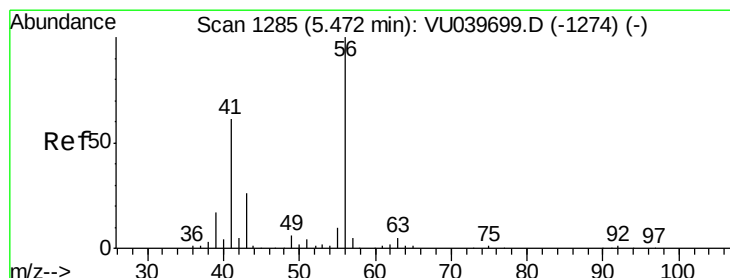
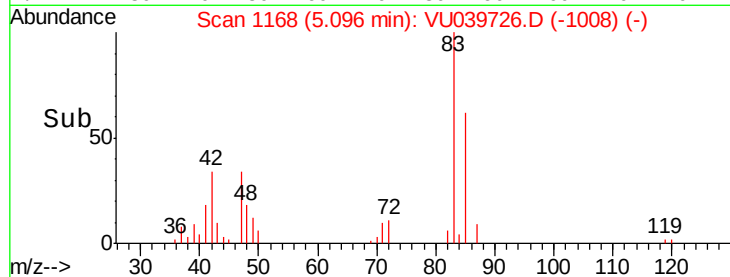
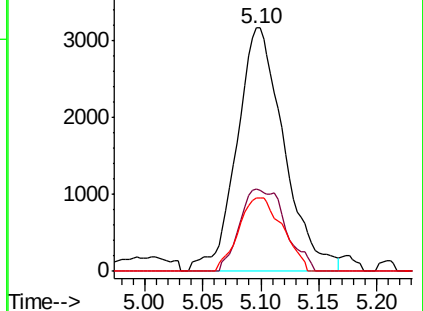
71 28.1 28.2 42.4#



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: 2.012 ug/l

RT: 5.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VU039726.D

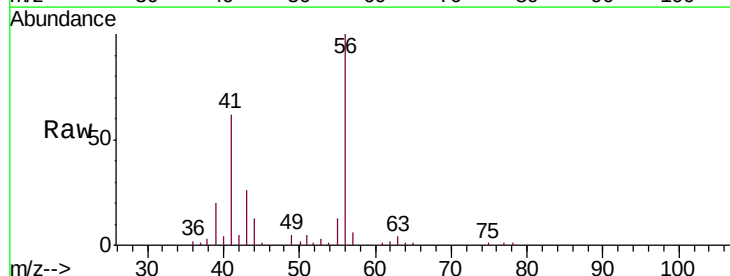
Acq: 30 Jul 2020 18:29

Tgt Ion: 56 Resp: 33200

Ion Ratio Lower Upper

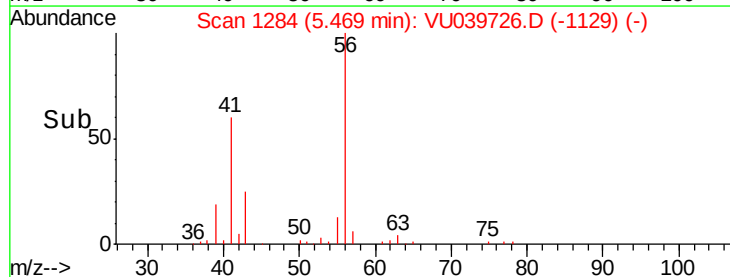
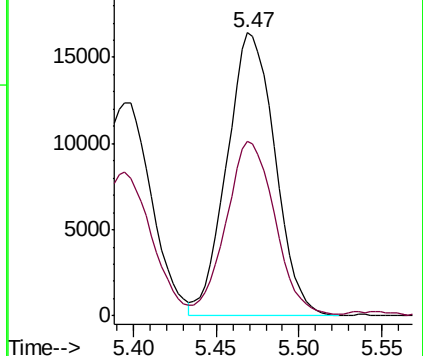
56 100

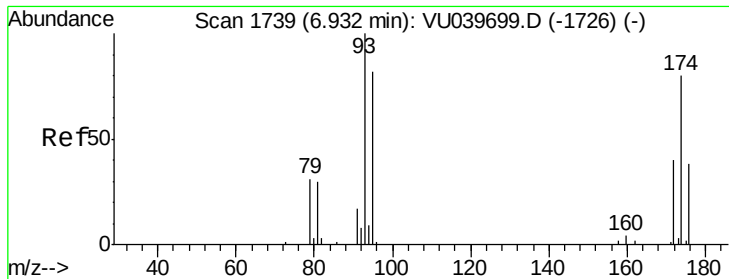
41 60.9 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

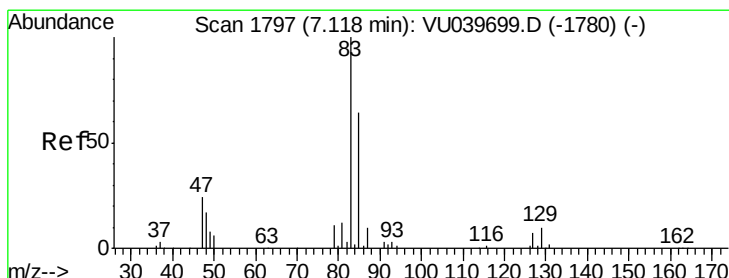
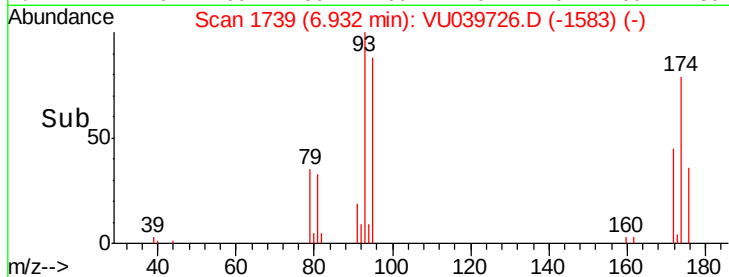
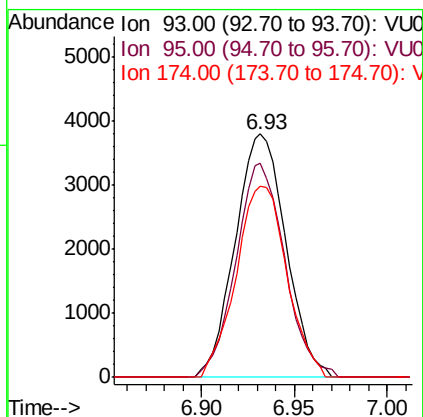
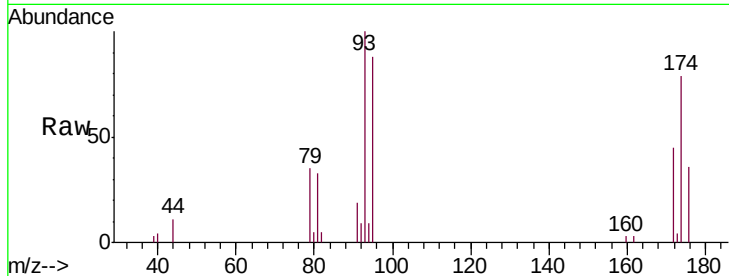




#43
Dibromomethane
Concen: 1.874 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

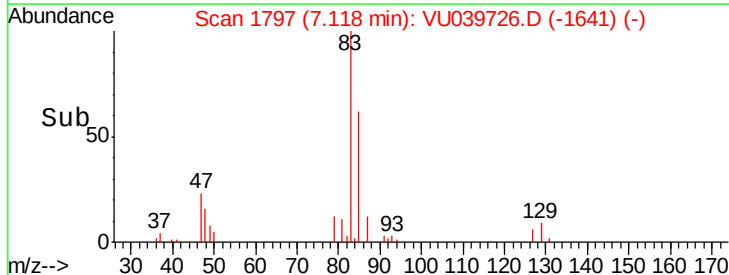
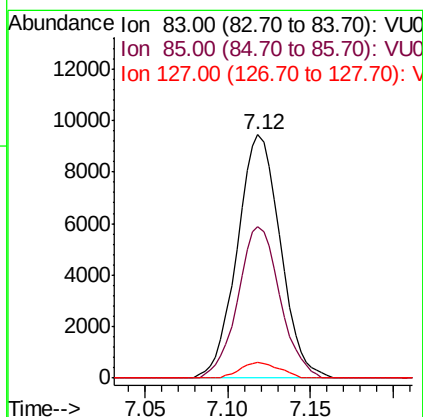
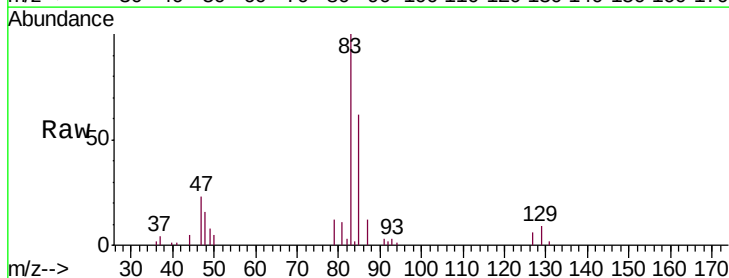
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

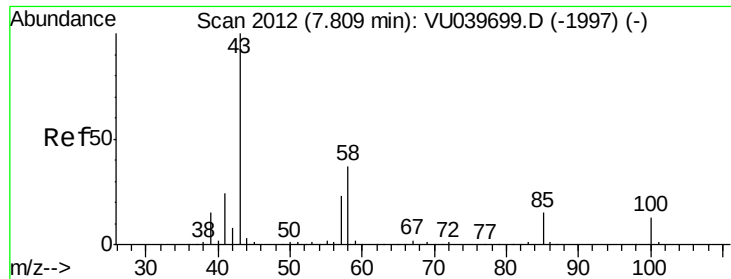
Tgt Ion: 93 Resp: 7229
Ion Ratio Lower Upper
93 100
95 84.9 66.6 99.8
174 78.5 62.7 94.1



#44
Bromodichloromethane
Concen: 1.930 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Tgt Ion: 83 Resp: 17069
Ion Ratio Lower Upper
83 100
85 62.1 50.8 76.2
127 6.4 5.8 8.6

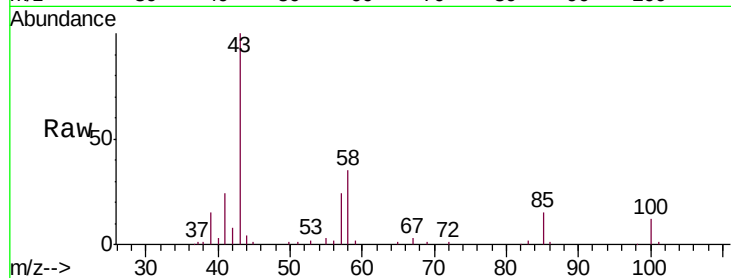




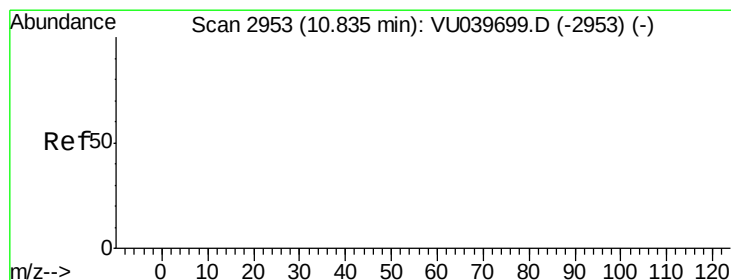
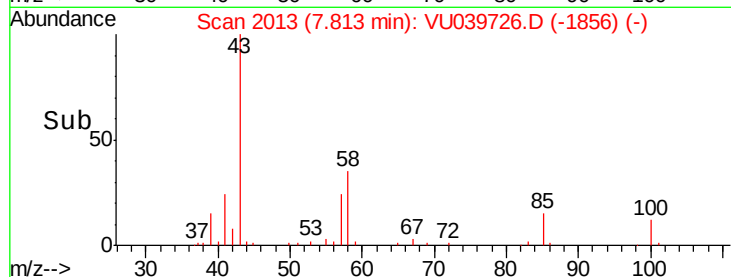
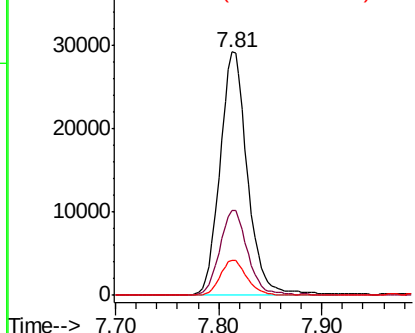
#45
4-Methyl-2-Pentanone
Concen: 9.284 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

Tgt Ion: 43 Resp: 54244
Ion Ratio Lower Upper
43 100
58 35.3 18.4 55.0
85 14.0 11.8 17.6

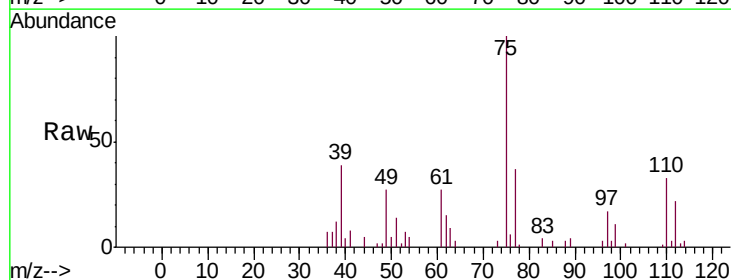


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

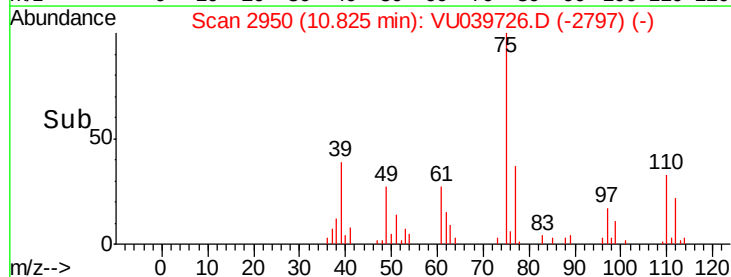
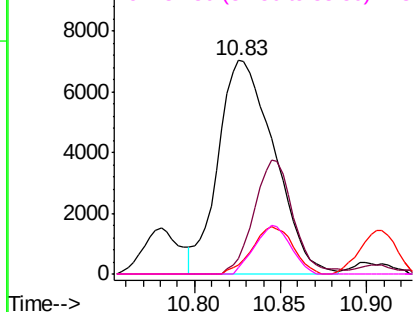


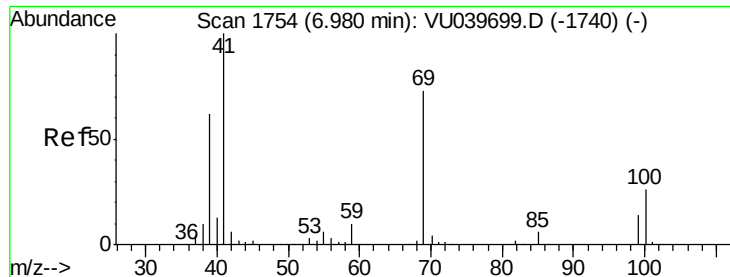
#46
t-1,4-Dichloro-2-butene
Concen: 9.170 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Tgt Ion: 75 Resp: 15936
Ion Ratio Lower Upper
75 100
53 37.2 78.6 118.0#
89 16.1 40.3 60.5#
88 14.5 34.0 51.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0





#47

Methyl methacrylate

Concen: 3.790 ug/l

RT: 6.98 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

Tgt Ion: 69 Resp: 13635

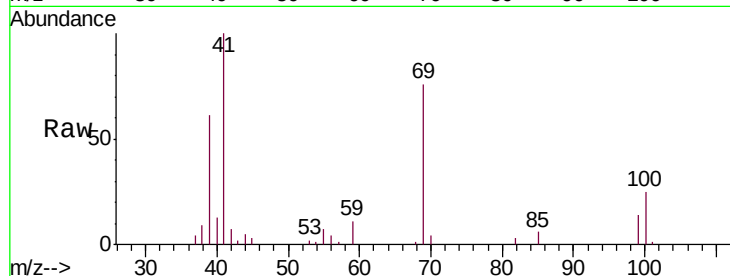
Ion Ratio Lower Upper

69 100

41 138.8 0.0 271.6

39 83.4 67.4 101.2

100 34.4 28.3 42.5



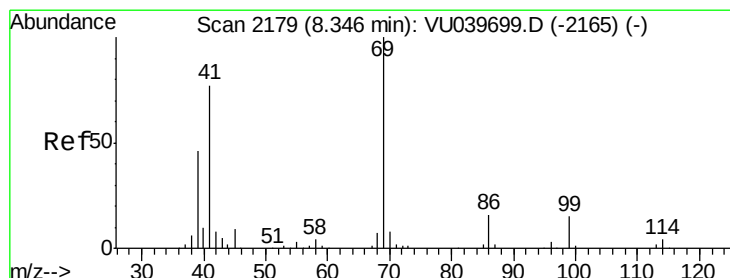
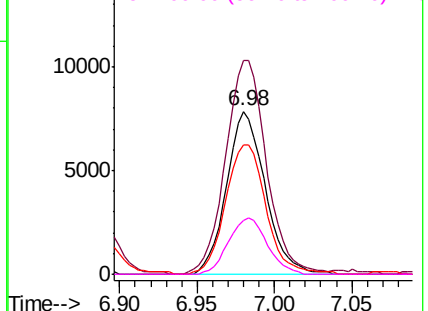
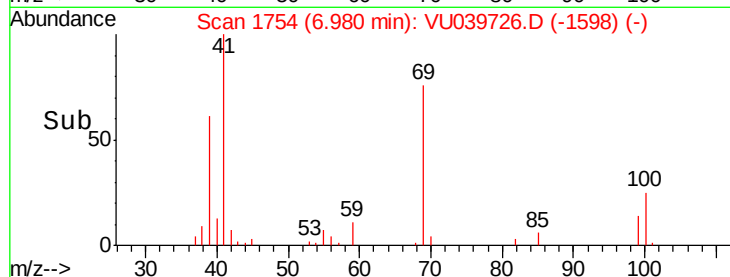
Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 1.705 ug/l

RT: 8.34 min Scan# 2178

Delta R.T. -0.00 min

Lab File: VU039726.D

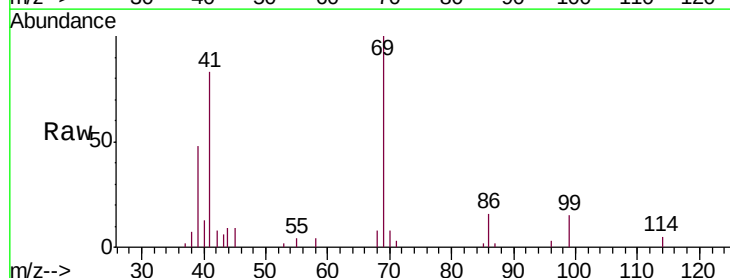
Acq: 30 Jul 2020 18:29

Tgt Ion: 69 Resp: 11293

Ion Ratio Lower Upper

69 100

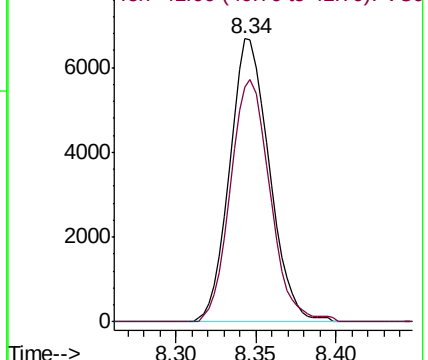
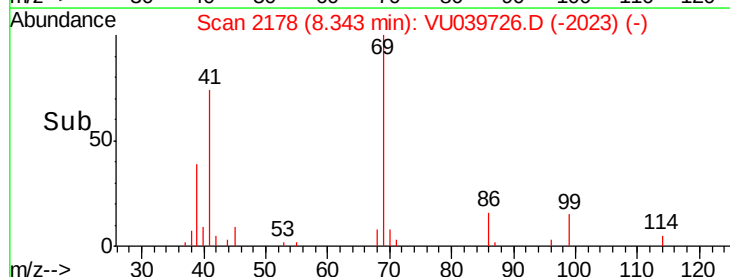
41 85.3 39.1 117.5

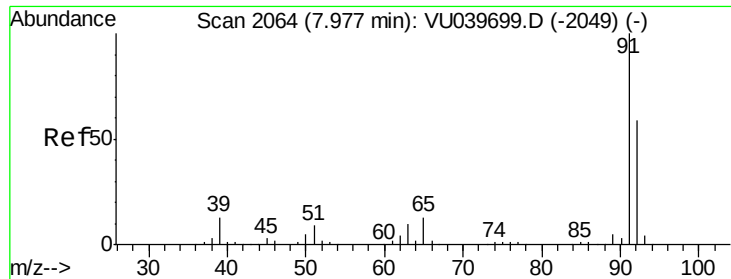


Abundance

Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.815 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

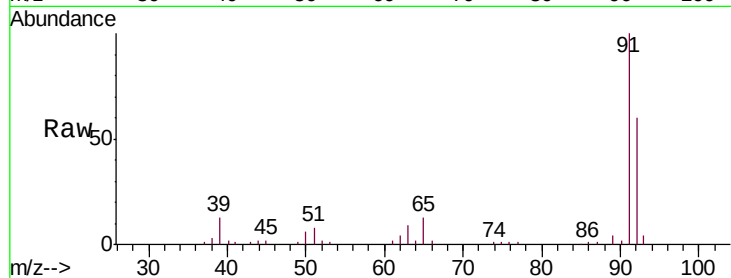
VU0730WBSD01

Tgt Ion: 92 Resp: 28100

Ion Ratio Lower Upper

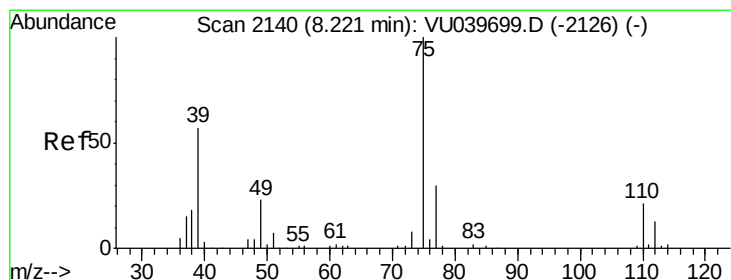
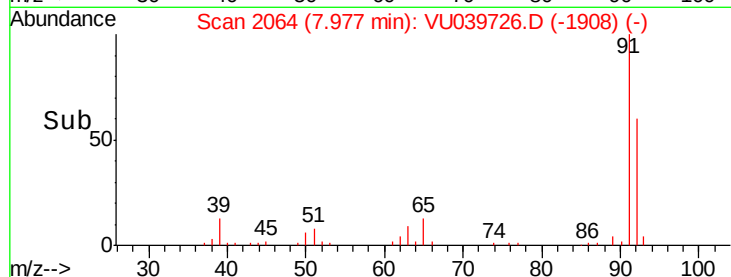
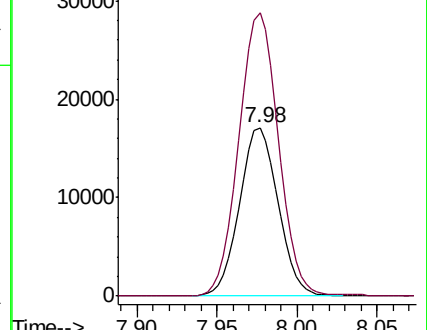
92 100

91 172.1 136.1 204.1



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

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



#50

t-1,3-Dichloropropene

Concen: 1.780 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039726.D

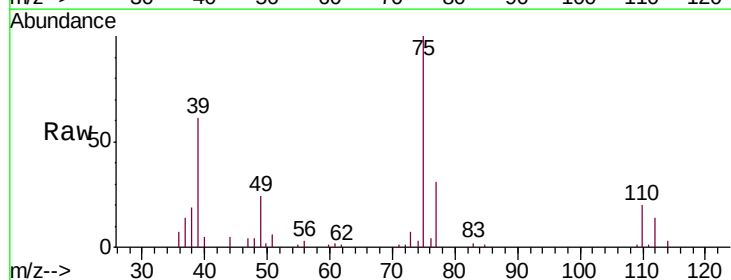
Acq: 30 Jul 2020 18:29

Tgt Ion: 75 Resp: 14176

Ion Ratio Lower Upper

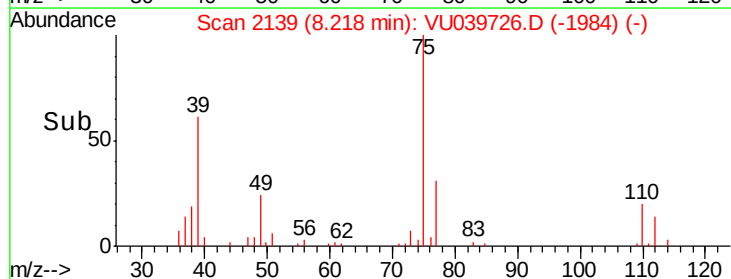
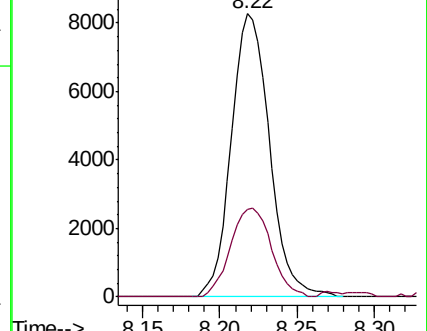
75 100

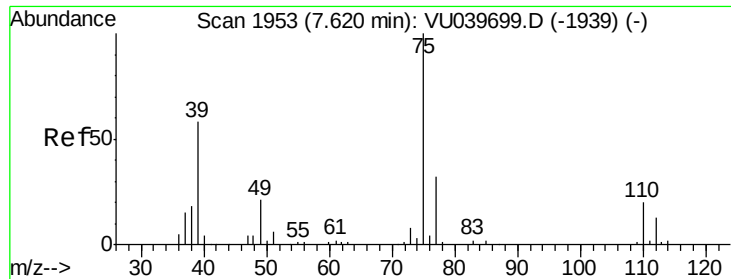
77 30.9 24.3 36.5



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

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

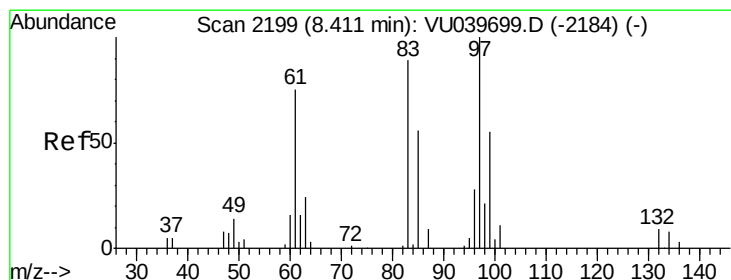
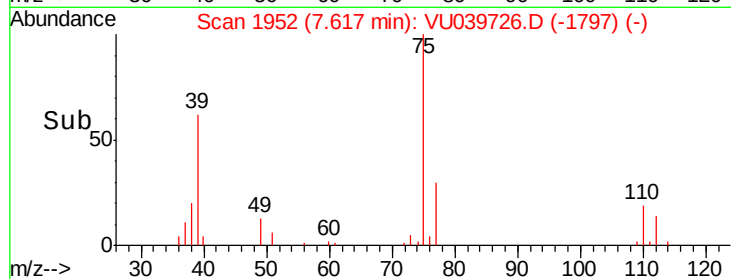
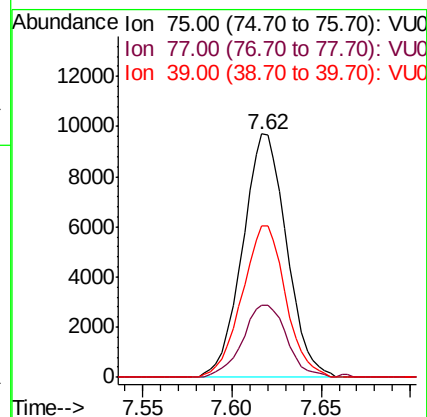
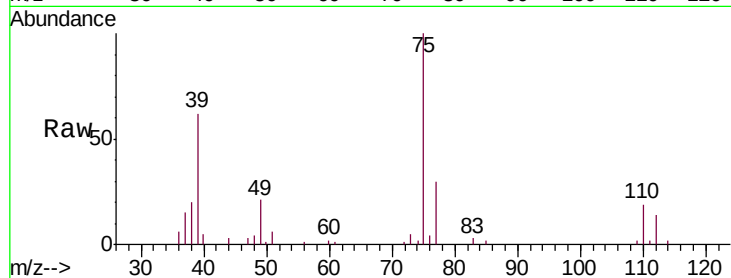




#51
 cis-1,3-Dichloropropene
 Concen: 1.777 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

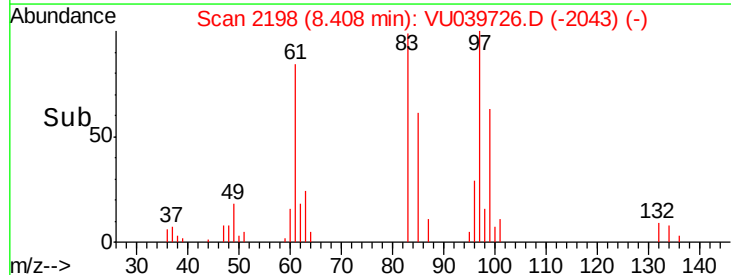
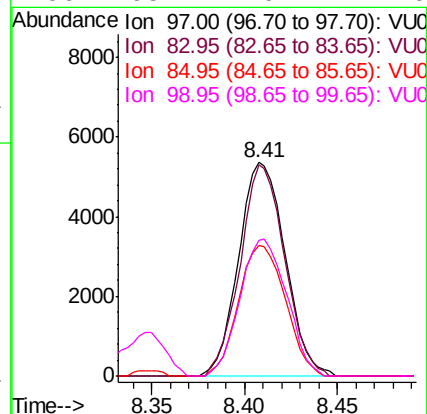
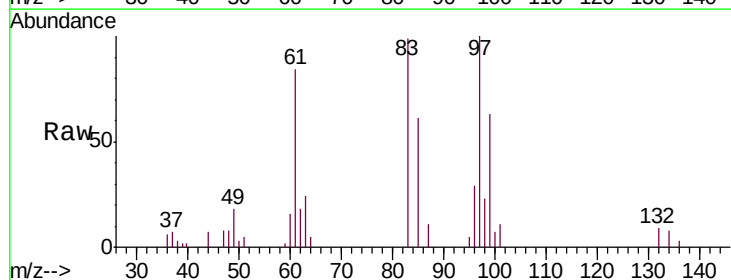
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

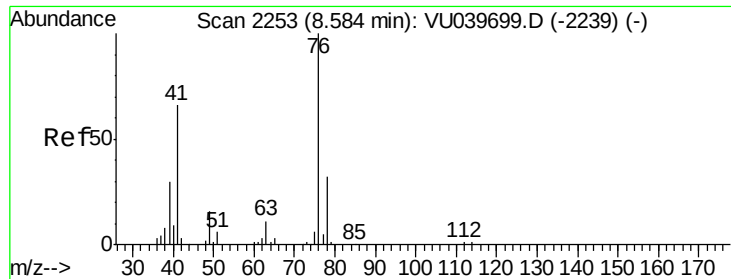
Tgt Ion: 75 Resp: 16640
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.7 38.5
 39 62.2 46.1 69.1



#52
 1,1,2-Trichloroethane
 Concen: 1.863 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion: 97 Resp: 9338
 Ion Ratio Lower Upper
 97 100
 83 98.6 71.3 106.9
 85 61.1 45.4 68.2
 99 63.4 49.4 74.0





#53

1,3-Dichloropropane

Concen: 1.984 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

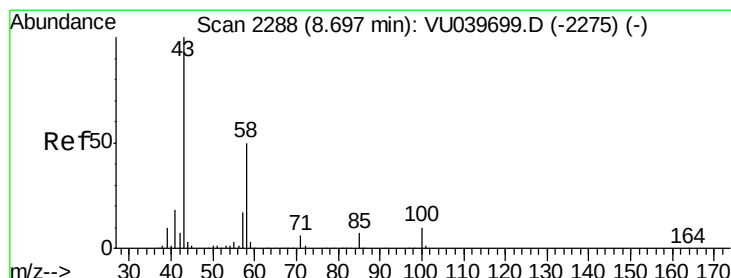
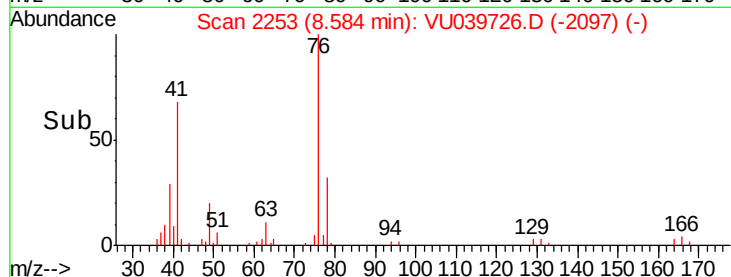
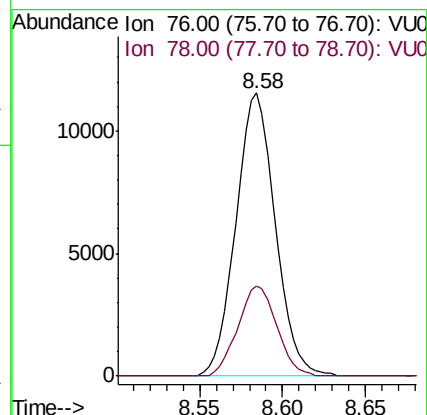
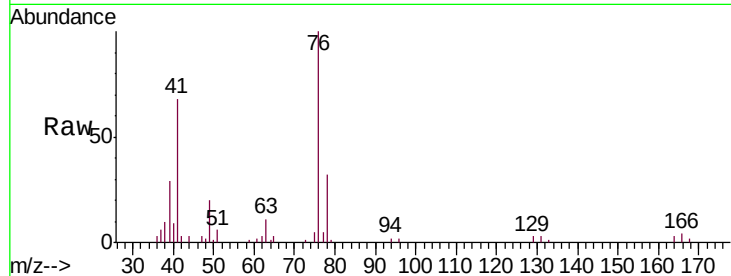
VU0730WBSD01

Tgt Ion: 76 Resp: 19089

Ion Ratio Lower Upper

76 100

78 31.4 25.4 38.2



#54

2-Hexanone

Concen: 9.005 ug/l

RT: 8.70 min Scan# 2289

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

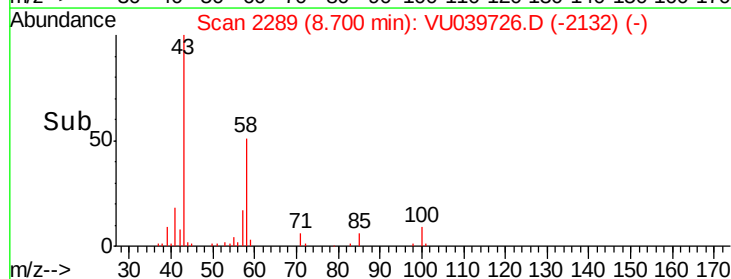
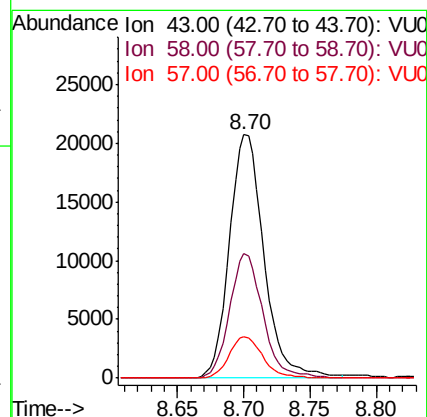
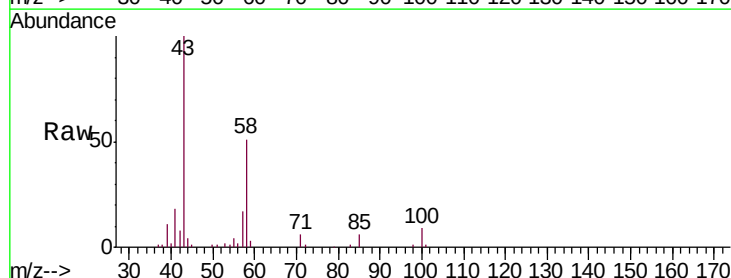
Tgt Ion: 43 Resp: 37671

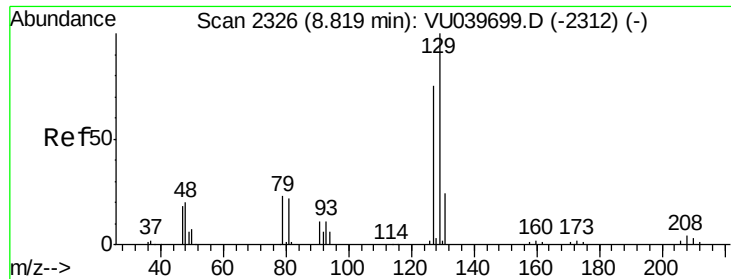
Ion Ratio Lower Upper

43 100

58 49.1 29.9 69.9

57 16.4 0.0 37.2

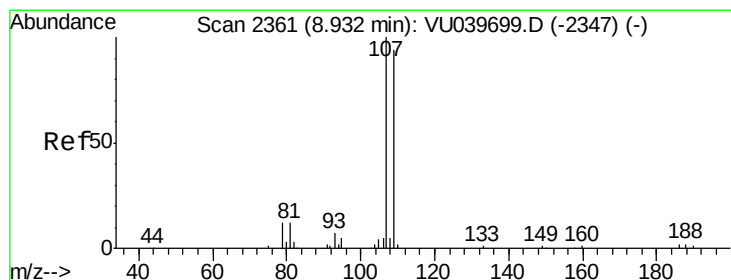
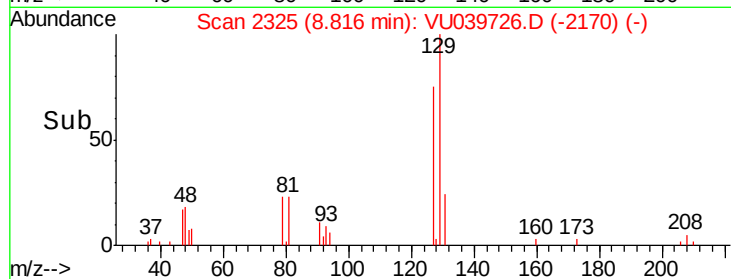
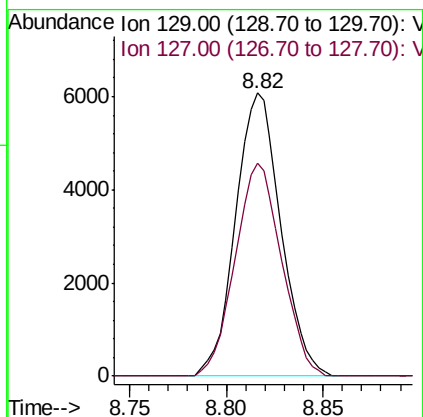
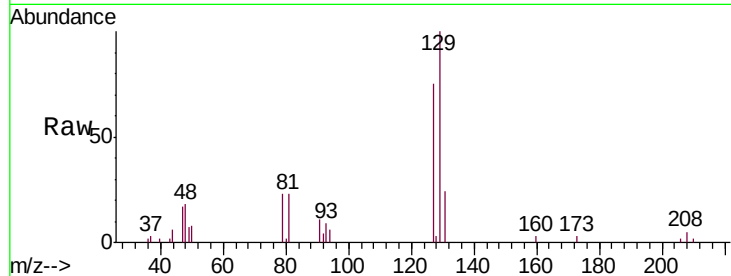




#55
 Dibromochloromethane
 Concen: 1.834 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

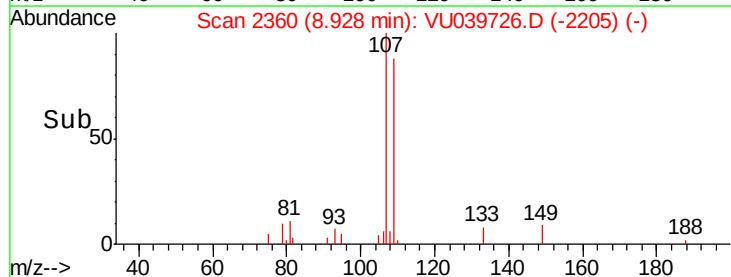
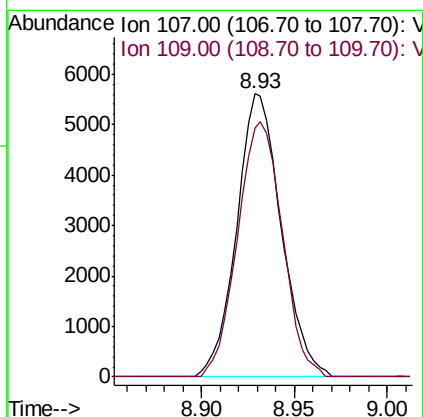
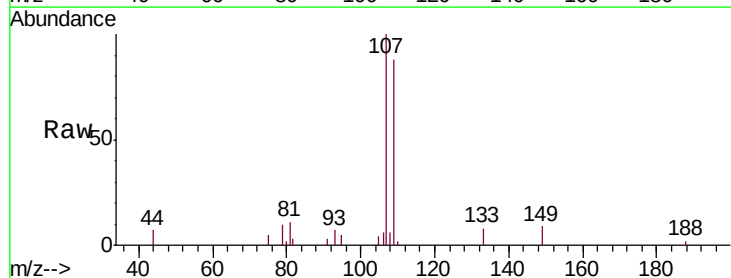
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

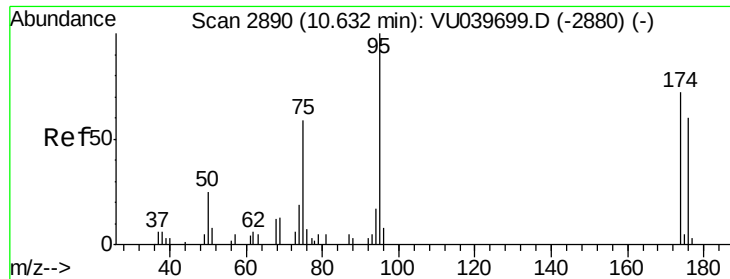
Tgt Ion:129 Resp: 9871
 Ion Ratio Lower Upper
 129 100
 127 77.0 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 1.934 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion:107 Resp: 9340
 Ion Ratio Lower Upper
 107 100
 109 90.6 0.0 185.2

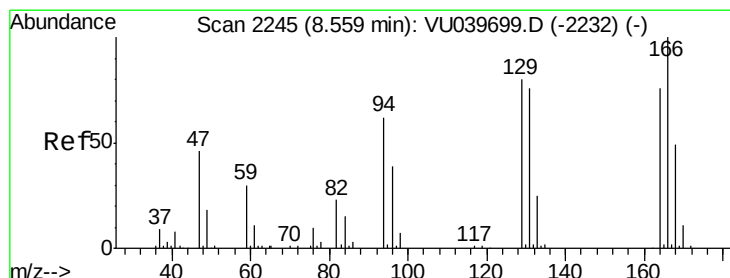
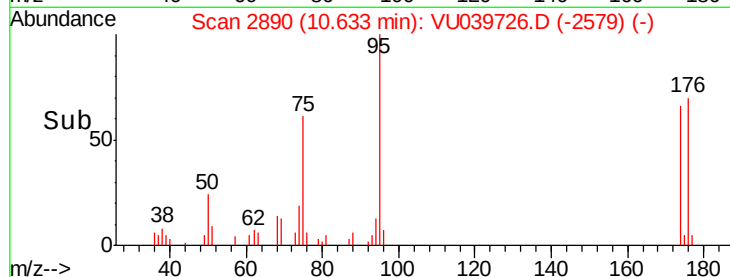
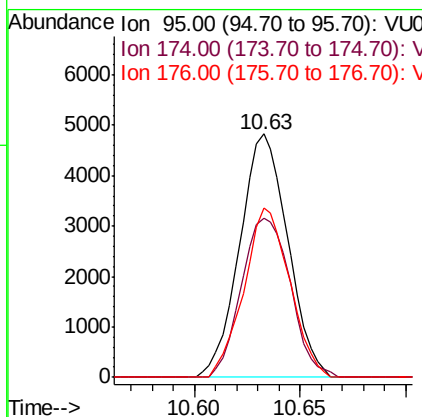
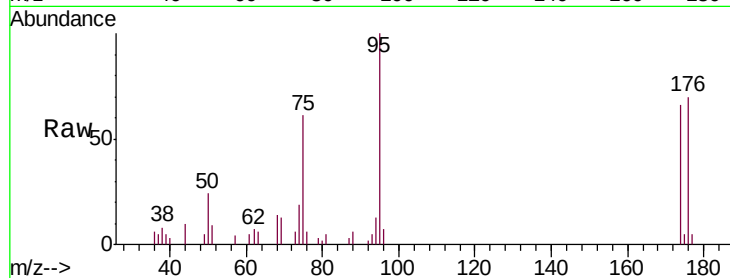




#57
 4-Bromofluorobenzene
 Concen: 0.940 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

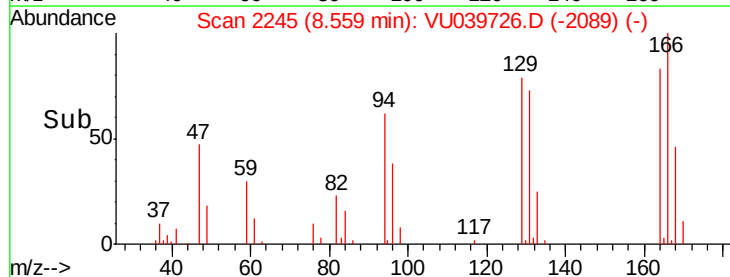
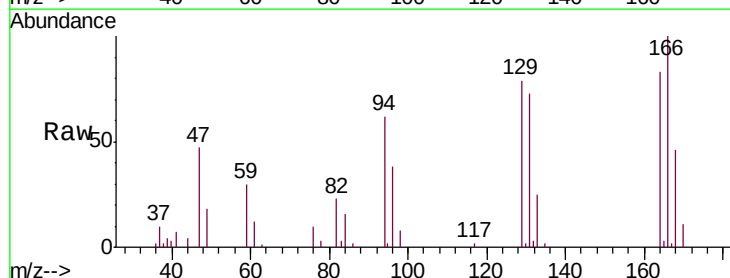
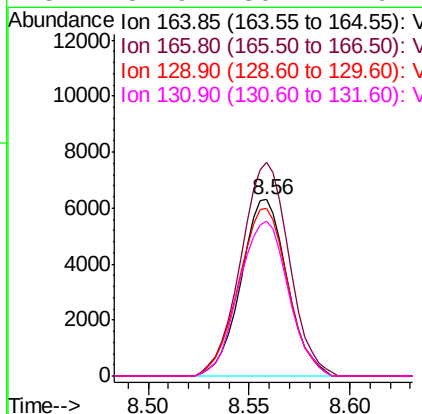
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

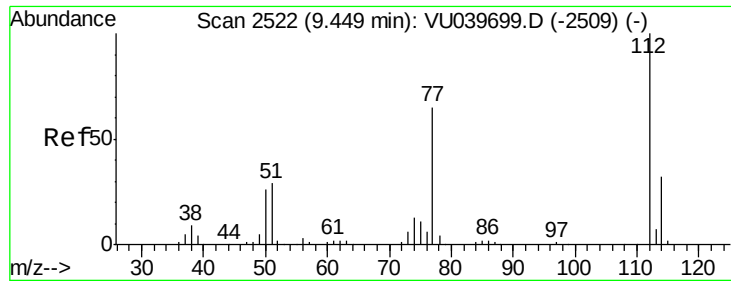
Tgt Ion: 95 Resp: 7639
 Ion Ratio Lower Upper
 95 100
 174 66.9 57.0 85.4
 176 66.3 50.2 75.2



#58
 Tetrachloroethene
 Concen: 1.942 ug/l
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion: 164 Resp: 10116
 Ion Ratio Lower Upper
 164 100
 166 121.1 104.8 157.2
 129 95.3 84.1 126.1
 131 87.9 80.1 120.1





#59

Chlorobenzene

Concen: 1.855 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

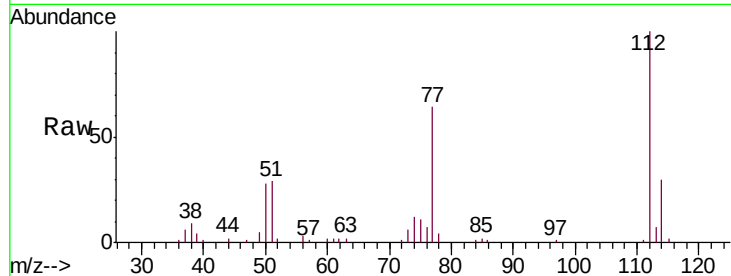
VU0730WBSD01

Tgt Ion:112 Resp: 29694

Ion Ratio Lower Upper

112 100

114 29.6 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.45

20000

15000

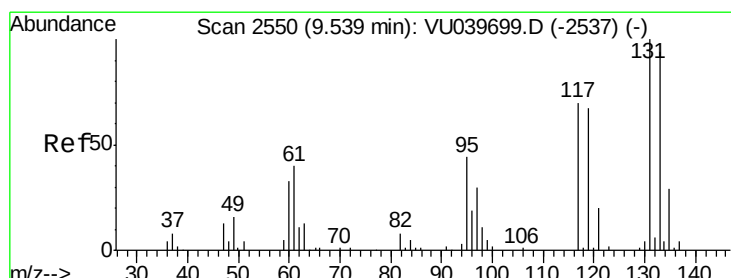
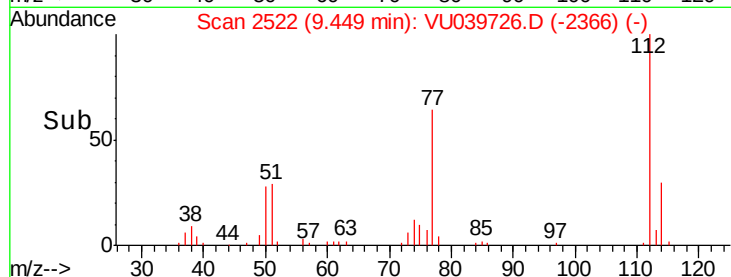
10000

5000

0

9.40 9.45 9.50

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 1.781 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

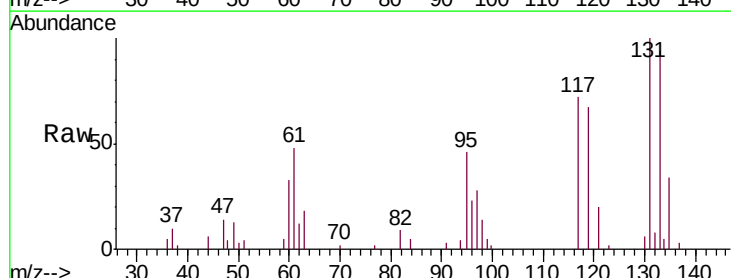
Tgt Ion:131 Resp: 9615

Ion Ratio Lower Upper

131 100

133 98.7 75.8 113.8

119 68.5 54.6 81.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

8000

6000

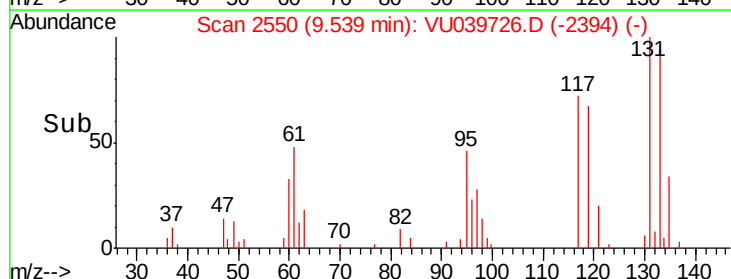
4000

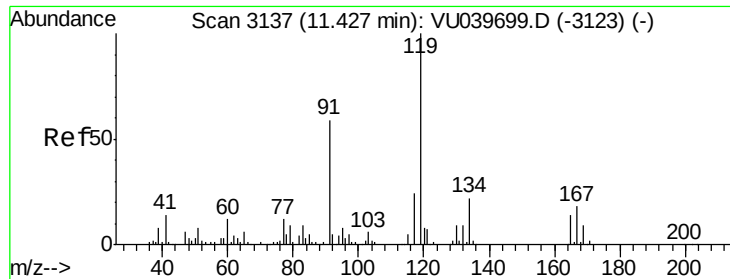
2000

0

9.50 9.54 9.60

Time-->

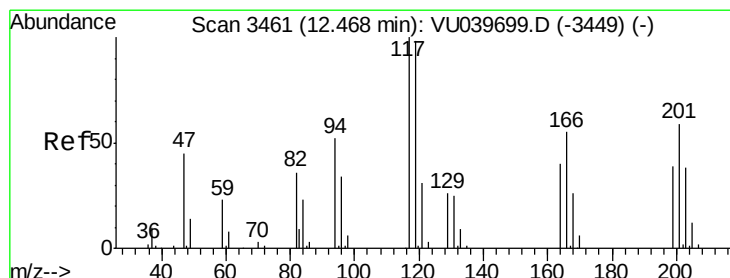
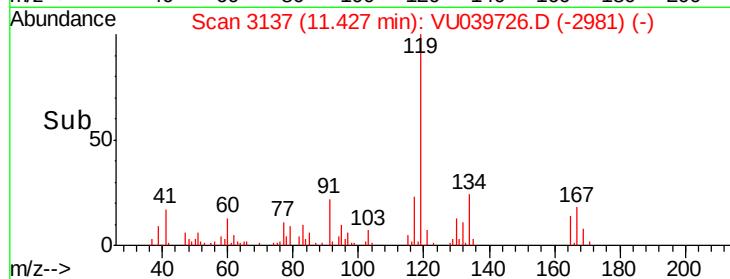
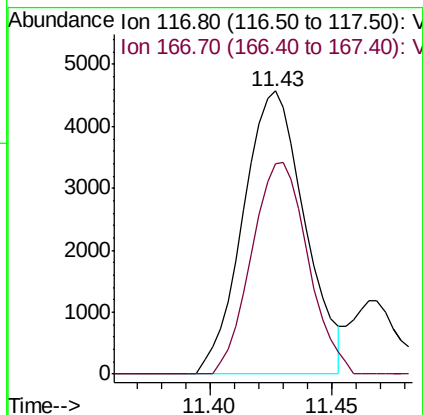
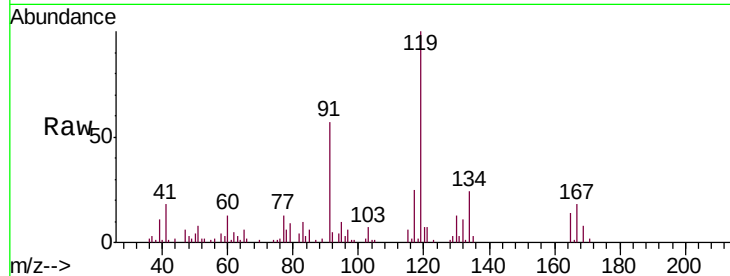




#61
 Pentachloroethane
 Concen: 1.690 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

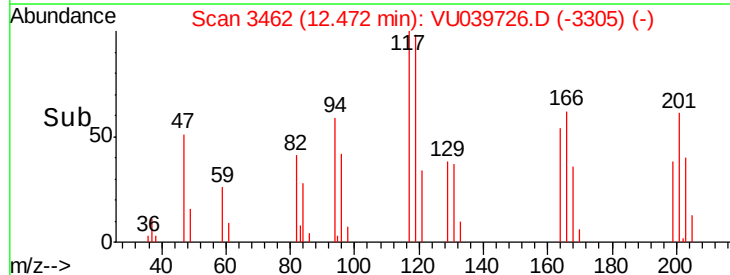
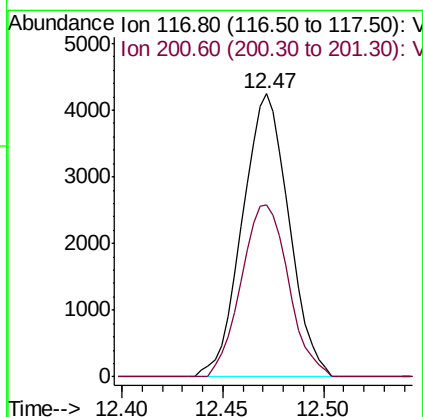
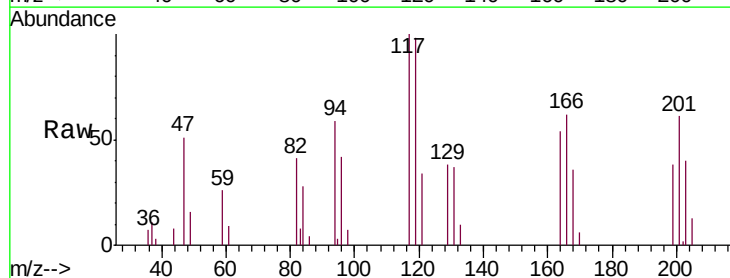
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

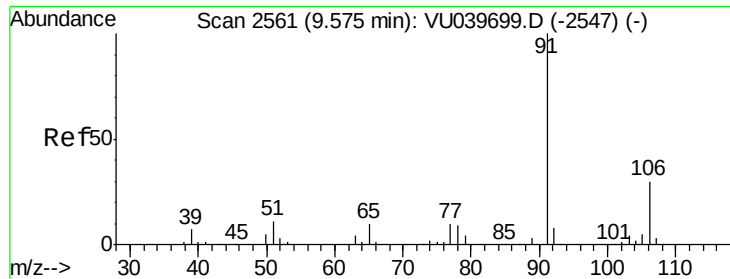
Tgt Ion:117 Resp: 8014
 Ion Ratio Lower Upper
 117 100
 167 68.2 56.6 85.0



#62
 Hexachloroethane
 Concen: 1.578 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion:117 Resp: 6857
 Ion Ratio Lower Upper
 117 100
 201 61.8 48.1 72.1

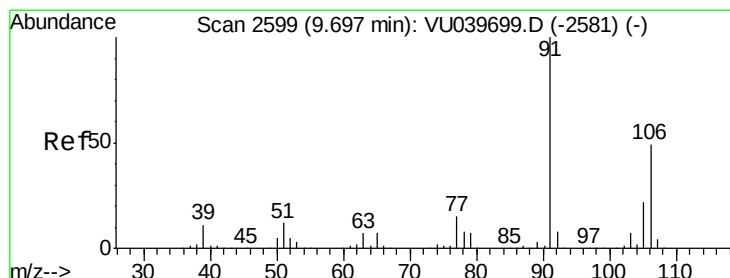
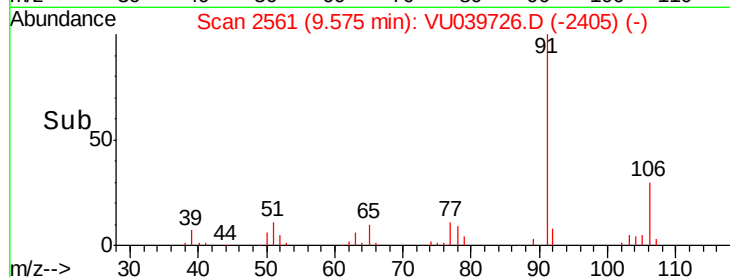
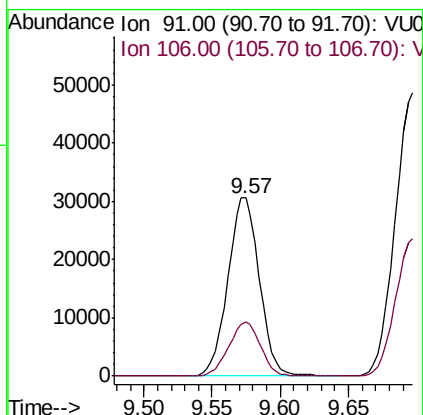
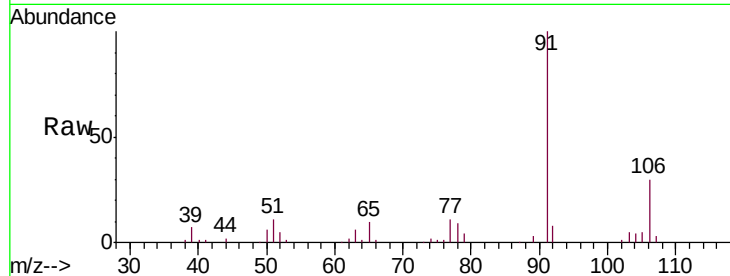




#63
Ethyl Benzene
Concen: 1.713 ug/l
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

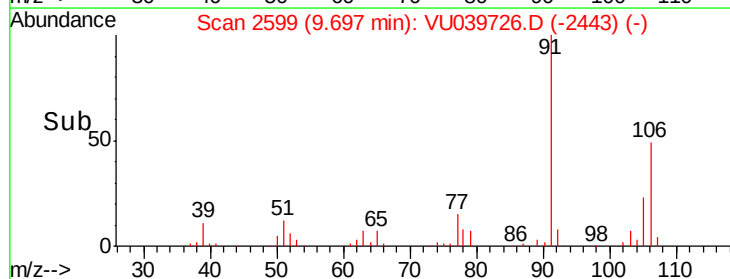
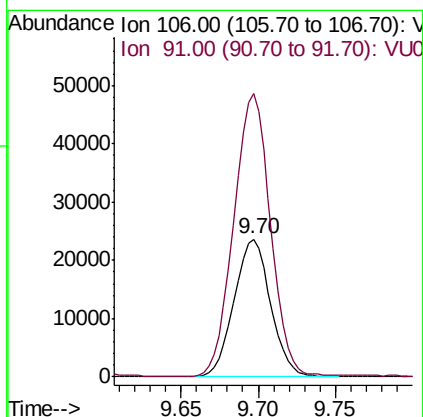
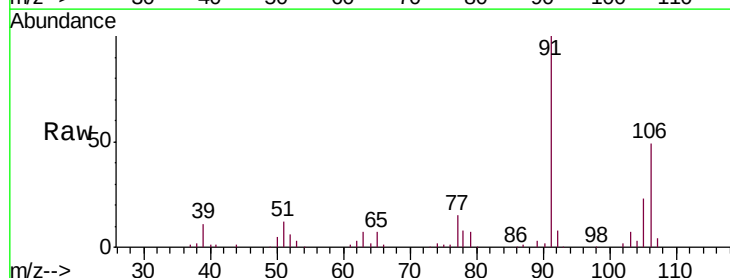
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

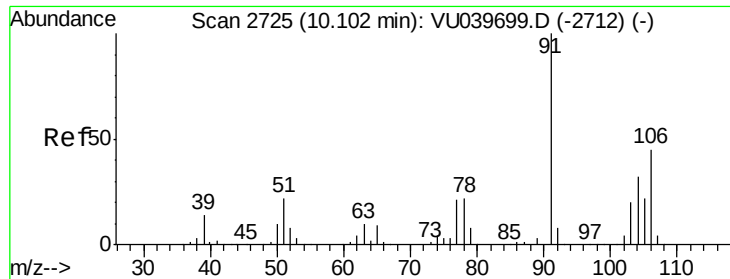
Tgt Ion: 91 Resp: 49148
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#64
m/p-Xylenes
Concen: 3.458 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Tgt Ion: 106 Resp: 38754
Ion Ratio Lower Upper
106 100
91 208.4 163.9 245.9

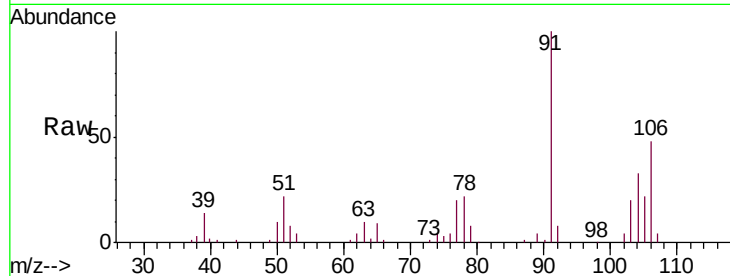




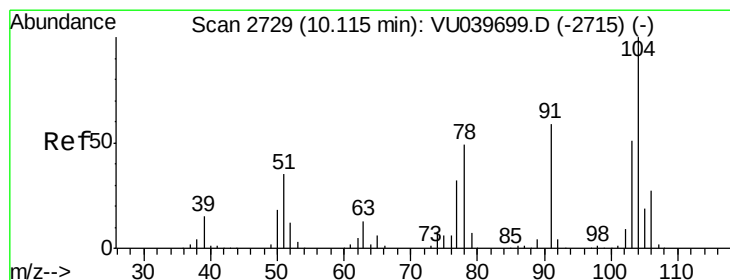
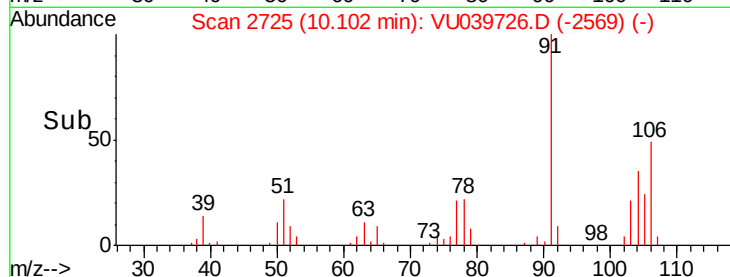
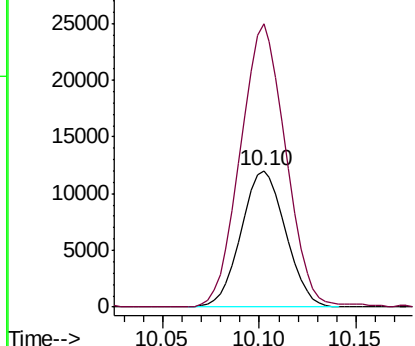
#65
o-Xylene
Concen: 1.811 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBSD01

Tgt Ion:106 Resp: 19267
Ion Ratio Lower Upper
106 100
91 212.2 110.3 331.0

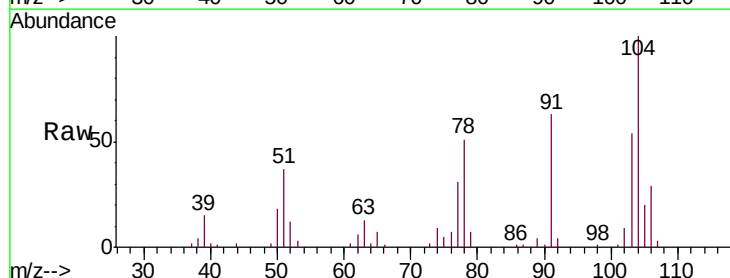


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

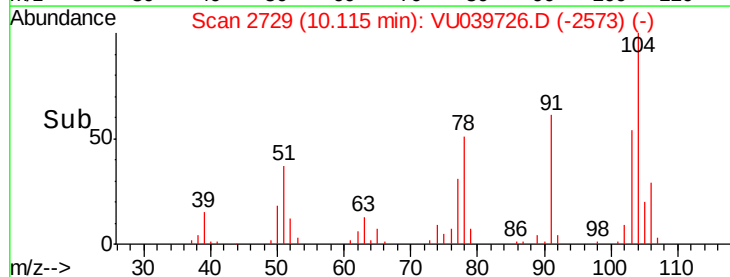
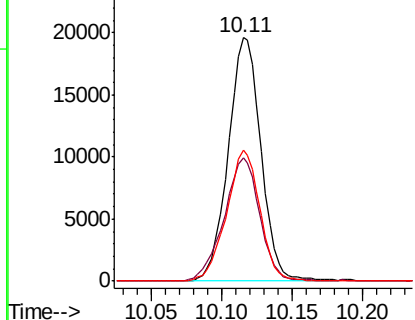


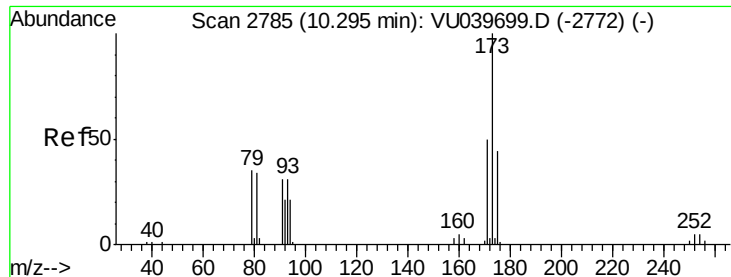
#66
Styrene
Concen: 1.752 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU039726.D
Acq: 30 Jul 2020 18:29

Tgt Ion:104 Resp: 31943
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.4
103 54.5 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





#67

Bromoform

Concen: 1.774 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

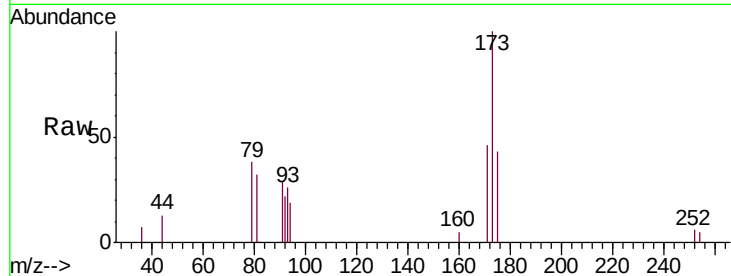
Tgt Ion:173 Resp: 4869

Ion Ratio Lower Upper

173 100

175 48.7 36.7 55.1

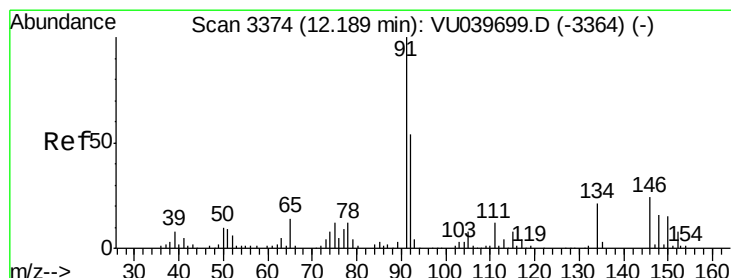
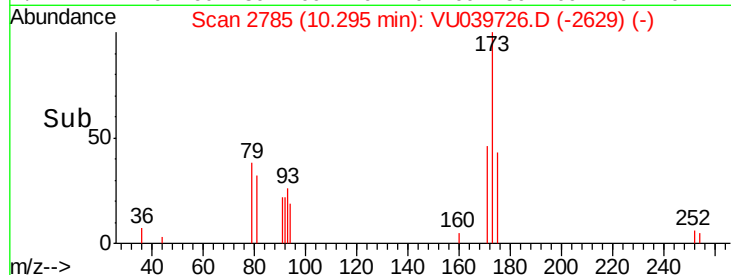
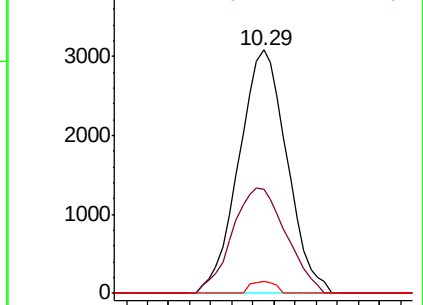
254 2.5 3.8 5.8#



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: 0.930 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

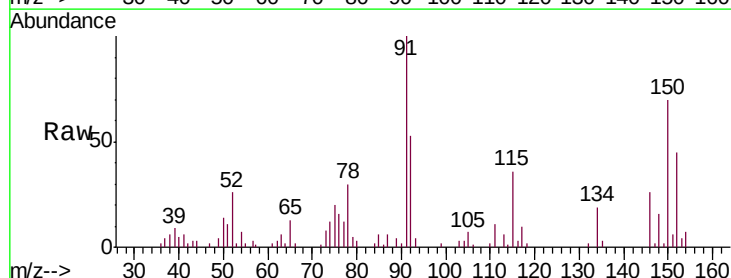
Tgt Ion:152 Resp: 7391

Ion Ratio Lower Upper

152 100

115 91.7 0.0 302.4

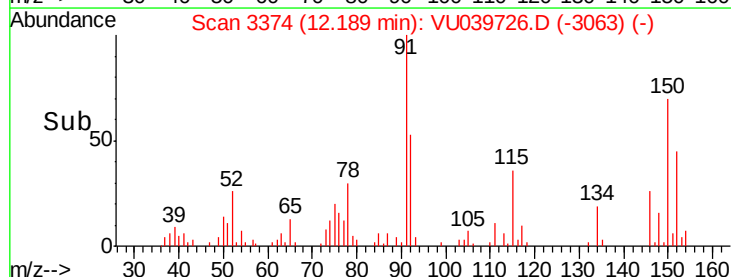
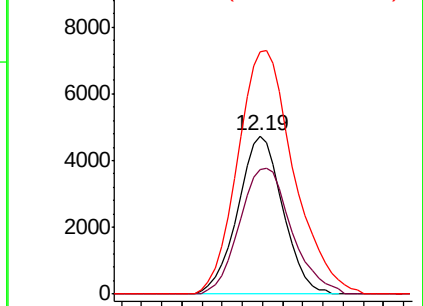
150 191.0 0.0 645.8

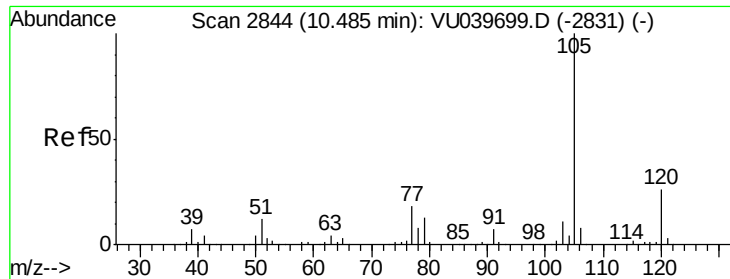


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.729 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

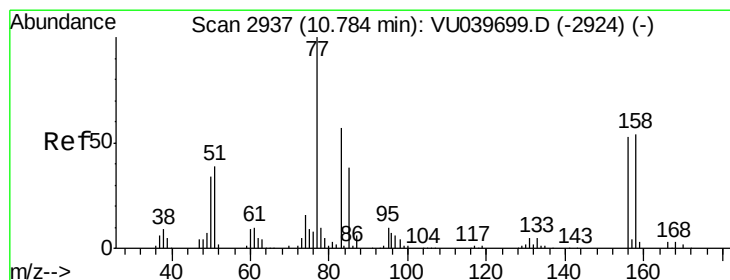
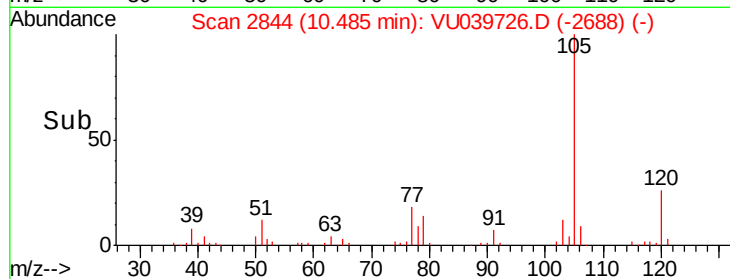
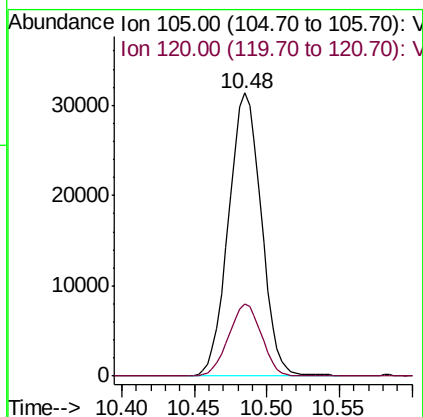
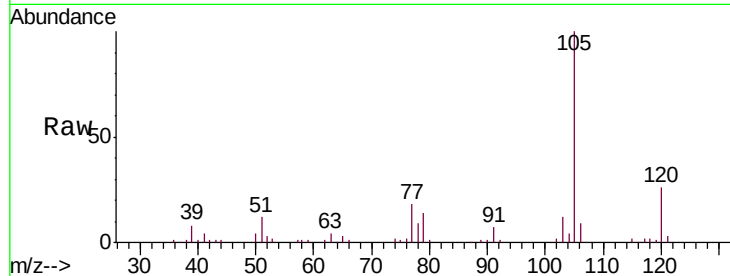
VU0730WBSD01

Tgt Ion:105 Resp: 49156

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 1.955 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

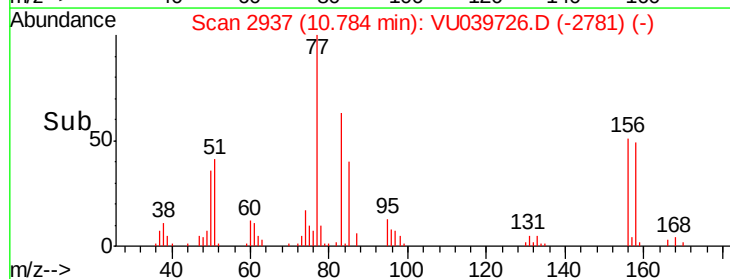
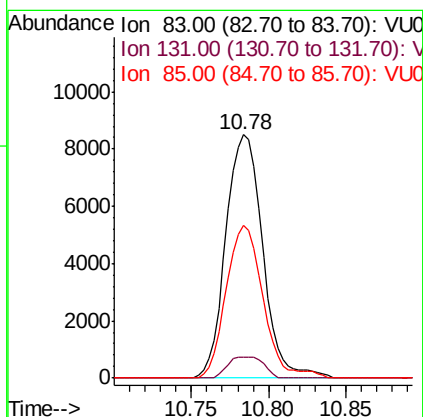
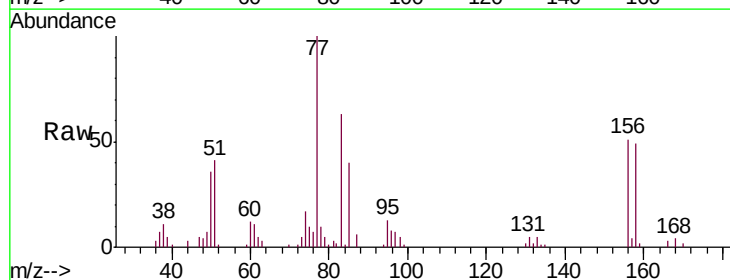
Tgt Ion: 83 Resp: 14101

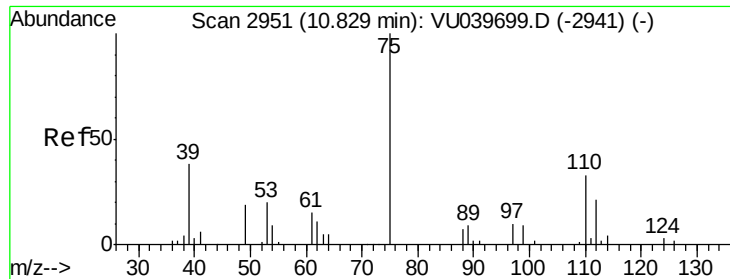
Ion Ratio Lower Upper

83 100

131 8.3 7.0 10.6

85 62.7 50.6 75.8

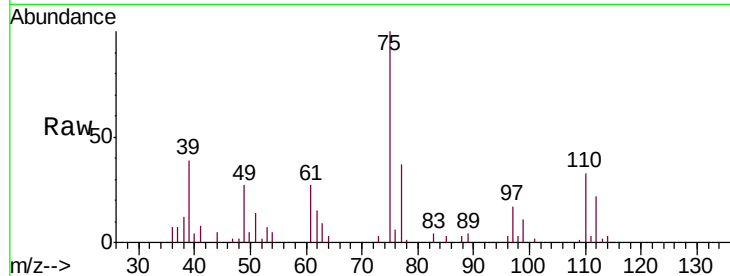




#71
 1,2,3-Trichloropropane
 Concen: 2.932 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

Tgt Ion:	75	Resp:	15936
Ion	Ratio	Lower	Upper
75	100		
77	29.8	0.0	91.0
110	23.2	0.0	64.2
97	11.3	0.0	32.6



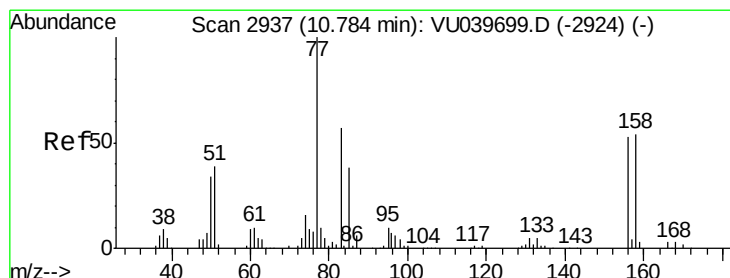
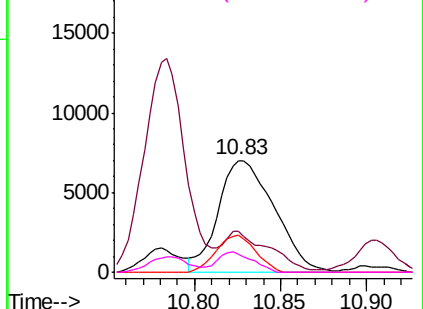
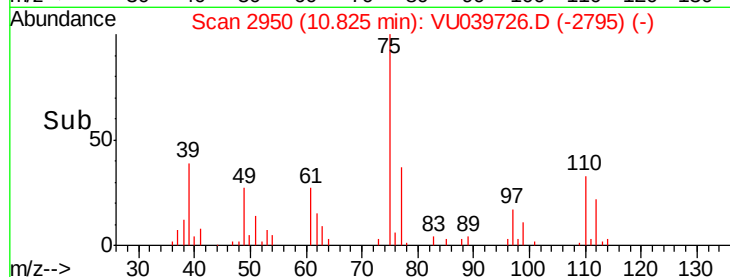
Abundance

Ion 75.00 (74.70 to 75.70): VU039699.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2941) (-)

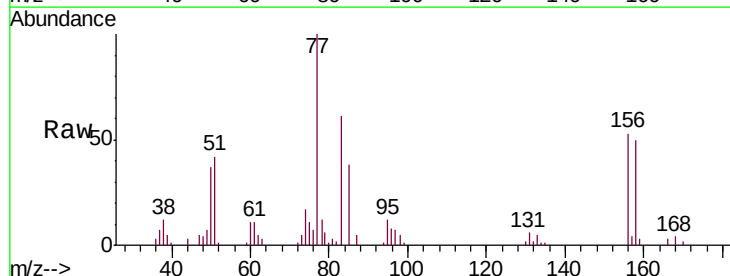
Ion 110.00 (109.70 to 110.70): VU039699.D (-2941) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-2941) (-)



#72
 Bromobenzene
 Concen: 1.761 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion:	156	Resp:	11366
Ion	Ratio	Lower	Upper
156	100		
77	197.5	0.0	385.2
158	98.1	0.0	200.8

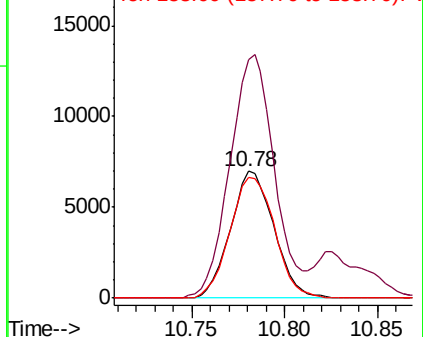
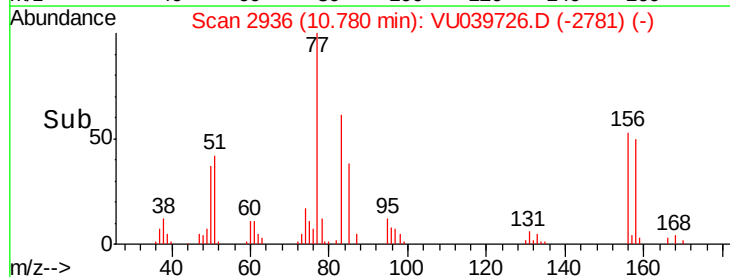


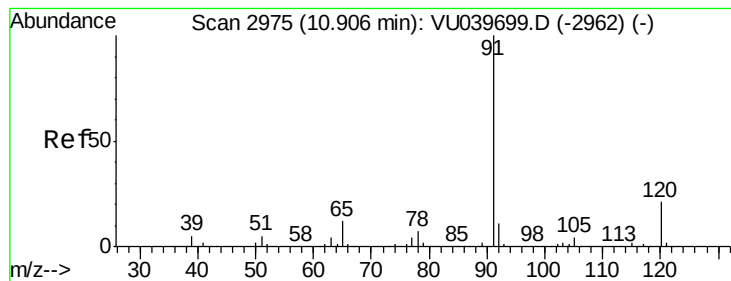
Abundance

Ion 156.00 (155.70 to 156.70): VU039699.D (-2924) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2924) (-)

Ion 158.00 (157.70 to 158.70): VU039699.D (-2924) (-)





#73

n-propylbenzene

Concen: 1.753 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

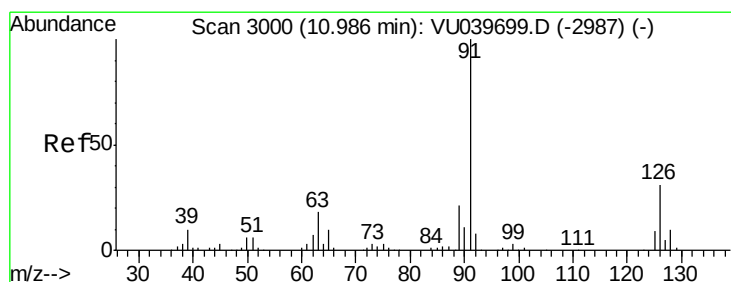
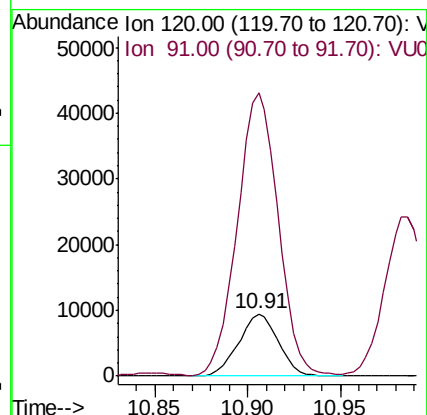
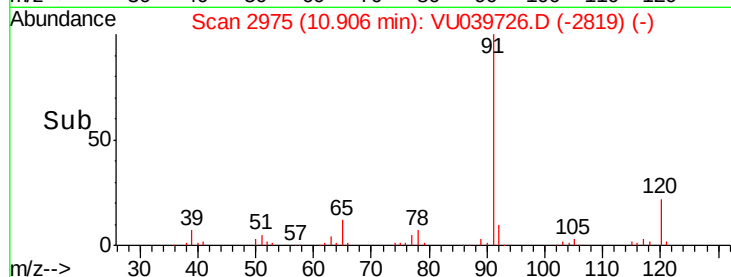
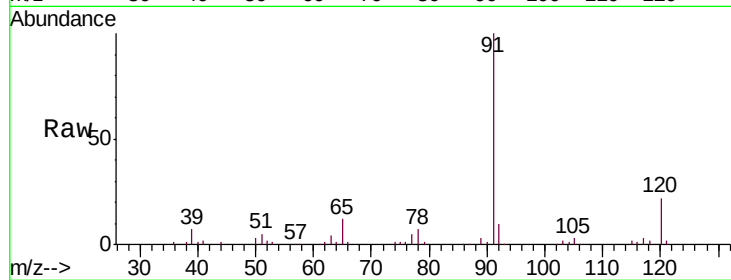
VU0730WBSD01

Tgt Ion:120 Resp: 14013

Ion Ratio Lower Upper

120 100

91 468.2 371.7 557.5



#74

2-Chlorotoluene

Concen: 1.792 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU039726.D

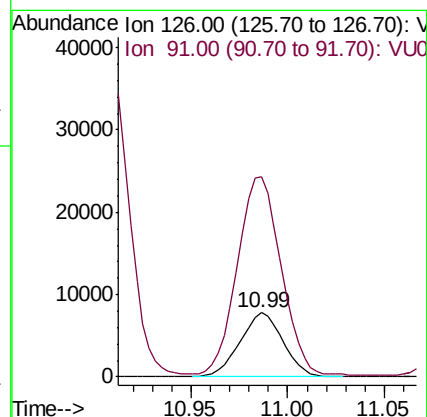
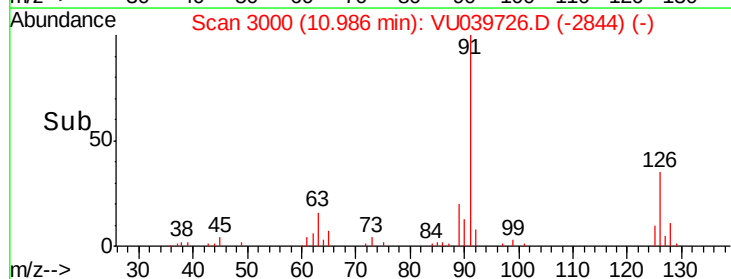
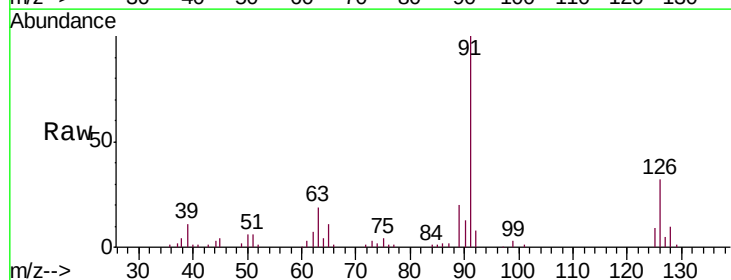
Acq: 30 Jul 2020 18:29

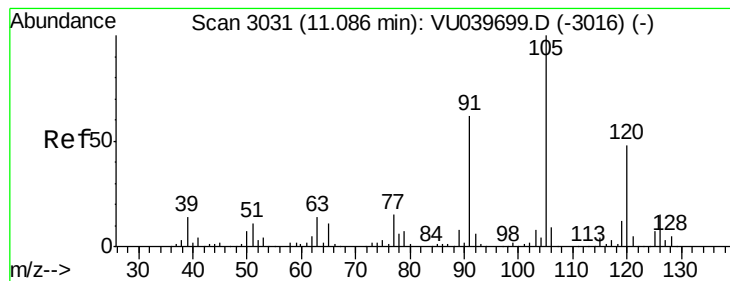
Tgt Ion:126 Resp: 12100

Ion Ratio Lower Upper

126 100

91 319.8 0.0 637.0





#75

1,3,5-Trimethylbenzene

Concen: 1.754 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

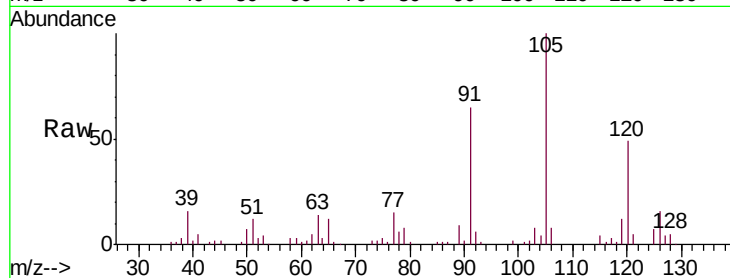
VU0730WBSD01

Tgt Ion:105 Resp: 43093

Ion Ratio Lower Upper

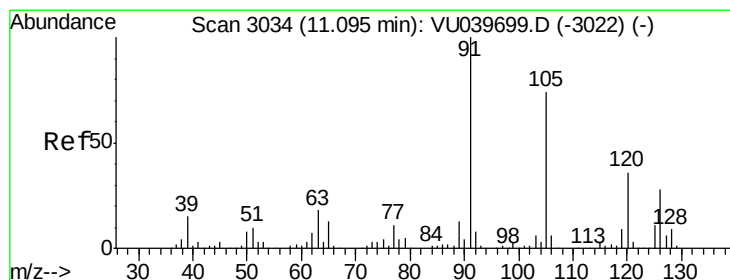
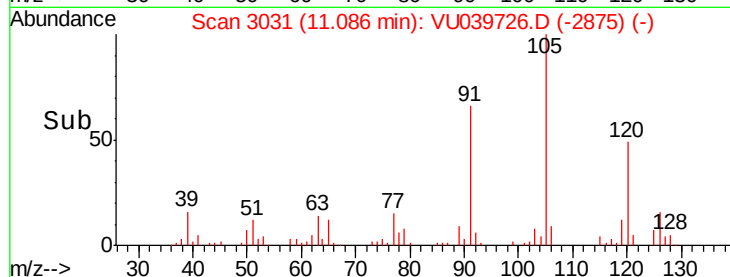
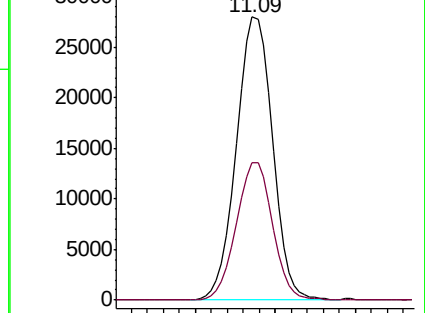
105 100

120 48.6 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: 1.853 ug/l

RT: 11.10 min Scan# 3035

Delta R.T. 0.00 min

Lab File: VU039726.D

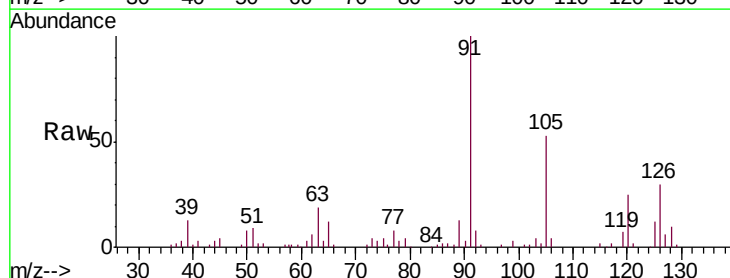
Acq: 30 Jul 2020 18:29

Tgt Ion:126 Resp: 12959

Ion Ratio Lower Upper

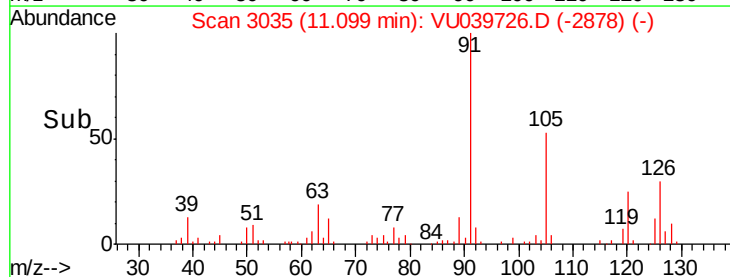
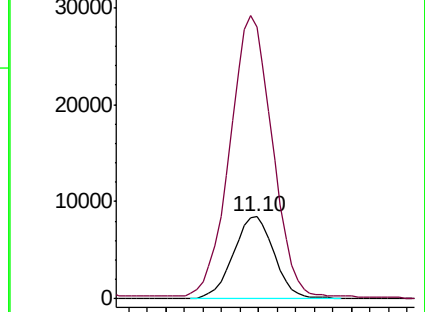
126 100

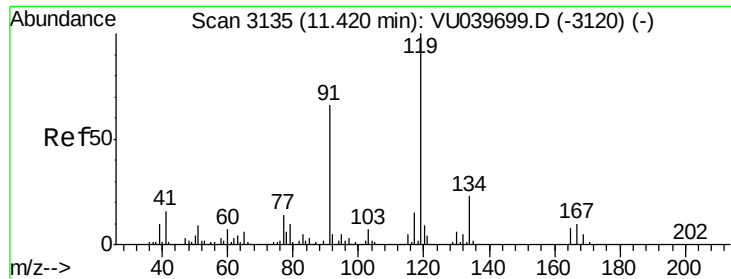
91 365.1 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

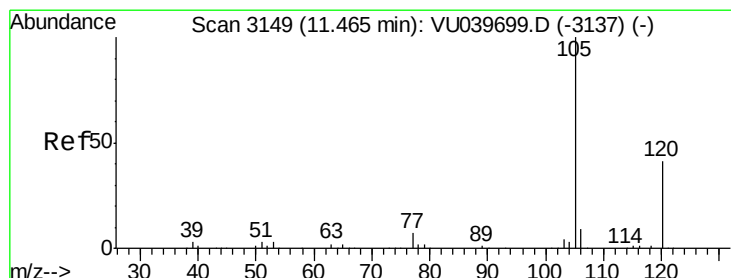
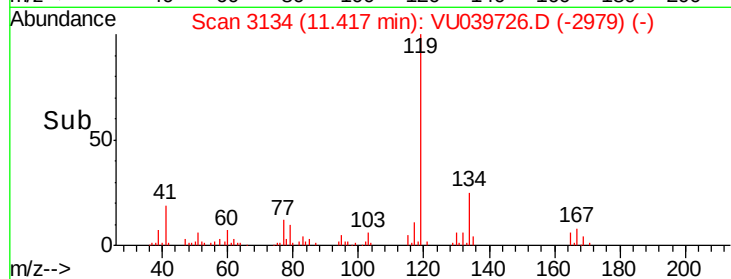
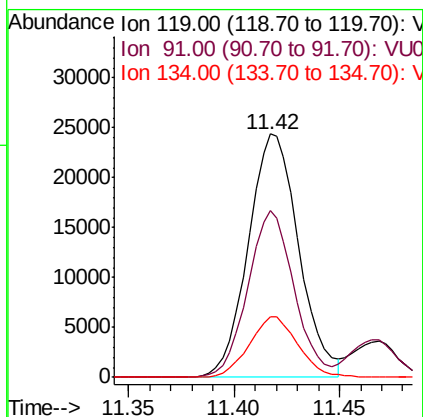
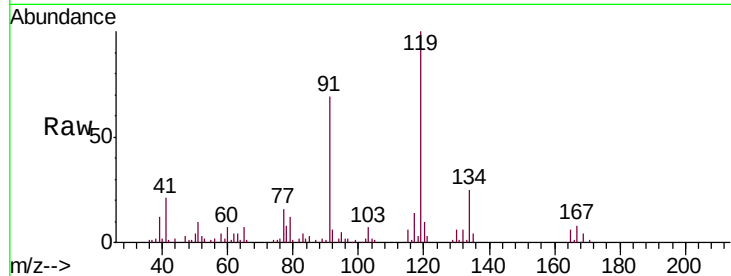




#77
 tert-Butylbenzene
 Concen: 1.721 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

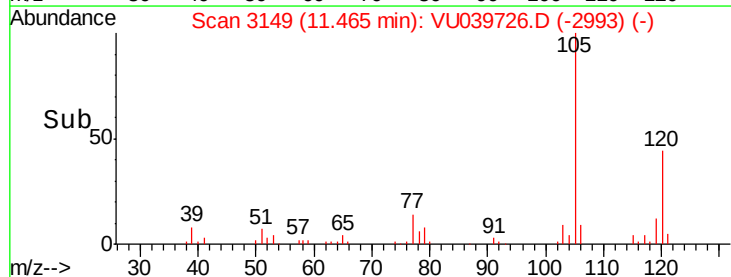
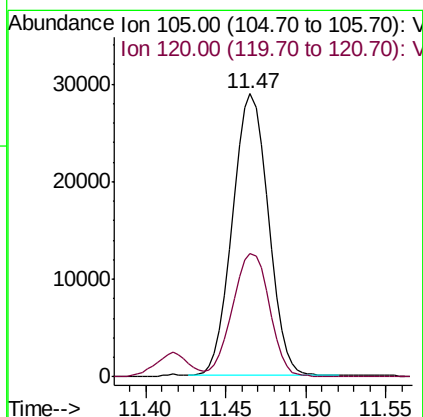
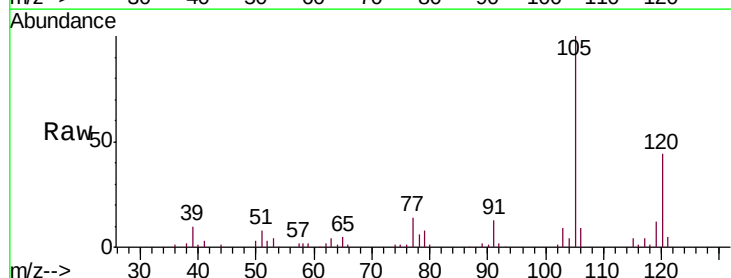
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

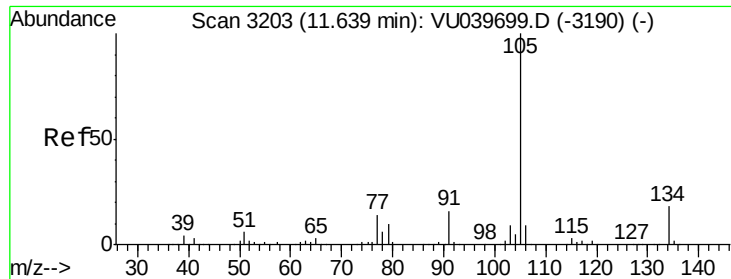
Tgt Ion:119 Resp: 40564
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.9 95.5
 134 24.1 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 1.748 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion:105 Resp: 44054
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.0

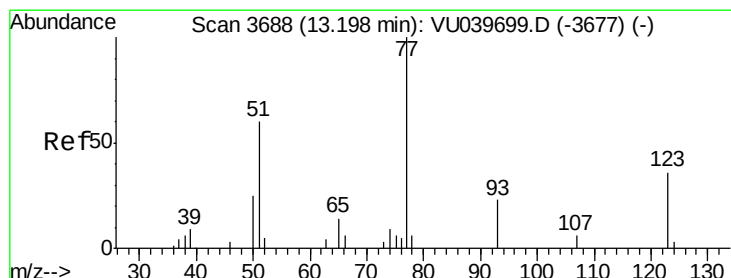
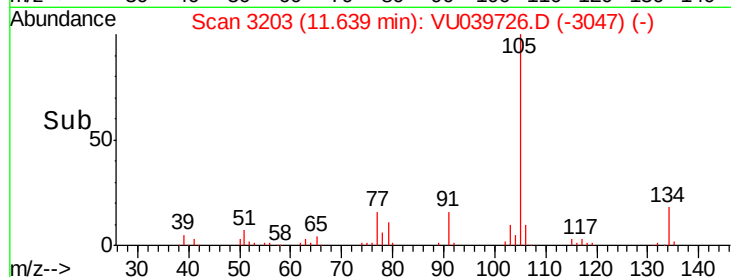
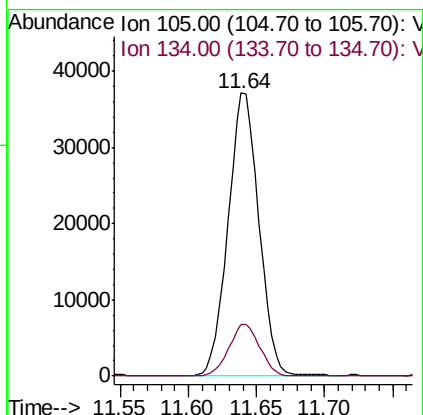
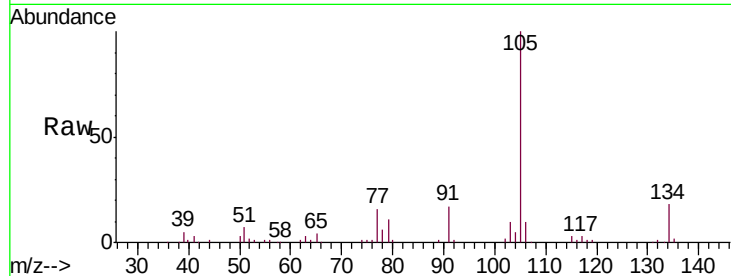




#79
 sec-Butylbenzene
 Concen: 1.741 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

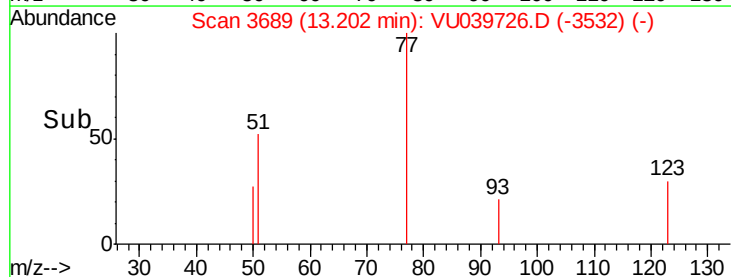
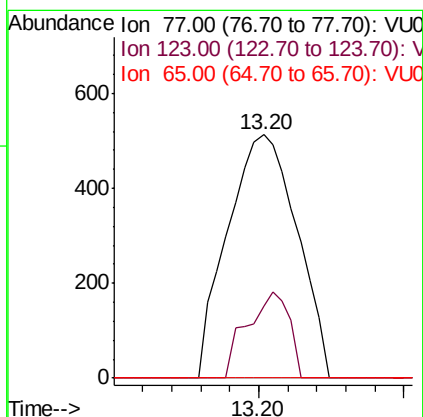
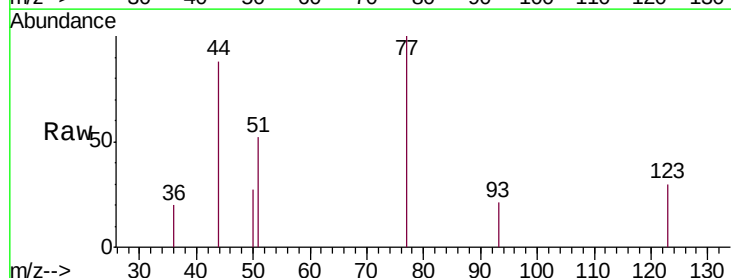
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

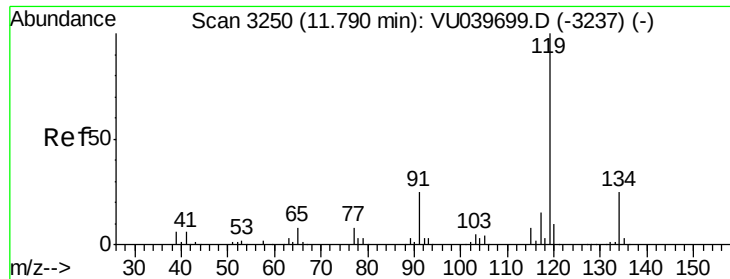
Tgt Ion: 105 Resp: 58427
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.8 22.2



#80
 Nitrobenzene
 Concen: 6.971 ug/l
 RT: 13.20 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion: 77 Resp: 851
 Ion Ratio Lower Upper
 77 100
 123 21.5 16.9 59.9
 65 0.0 14.4 18.4#

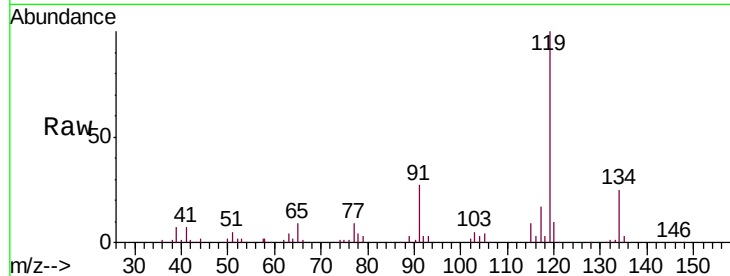




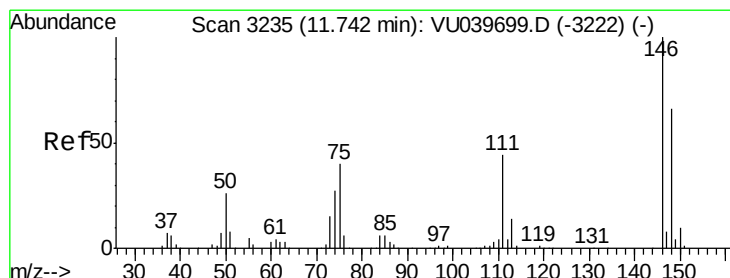
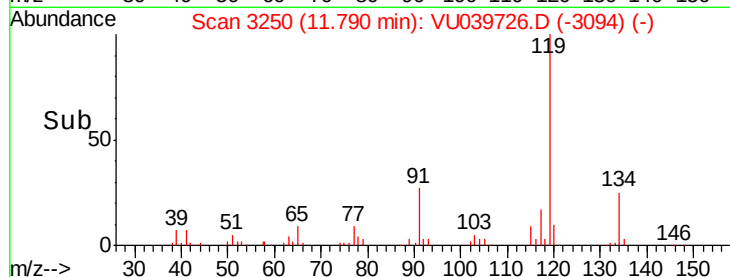
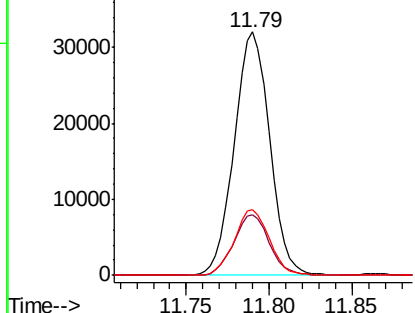
#81
 p-Isopropyltoluene
 Concen: 1.762 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

Tgt Ion:119 Resp: 47635
 Ion Ratio Lower Upper
 119 100
 134 24.9 20.2 30.4
 91 26.8 20.7 31.1

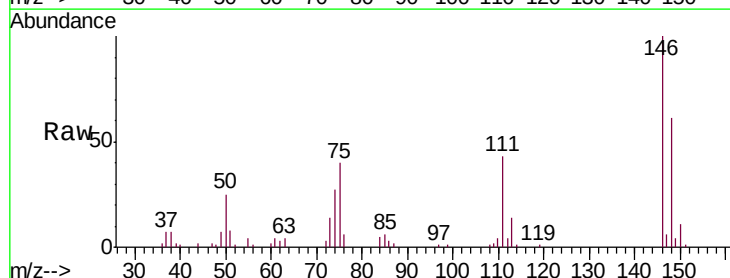


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

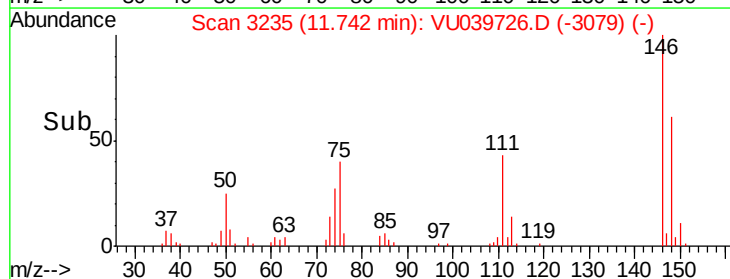
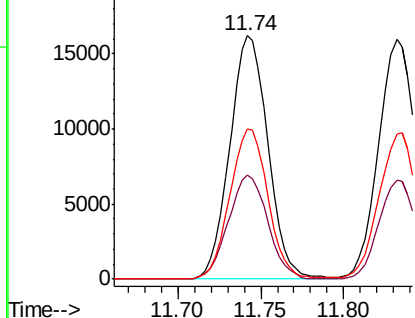


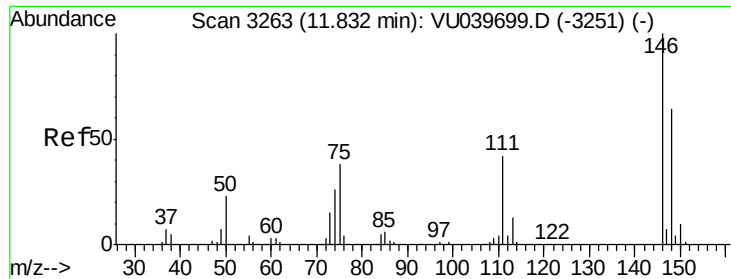
#82
 1,3-Dichlorobenzene
 Concen: 1.871 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion:146 Resp: 25996
 Ion Ratio Lower Upper
 146 100
 111 43.7 34.5 51.7
 148 61.0 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

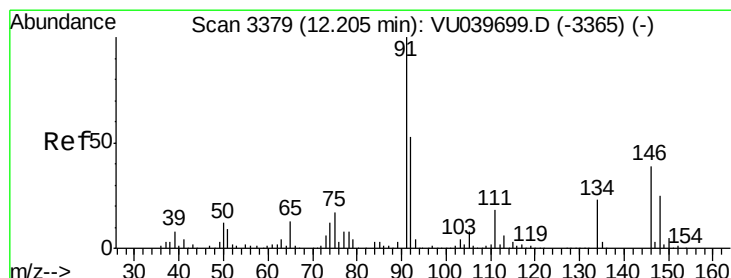
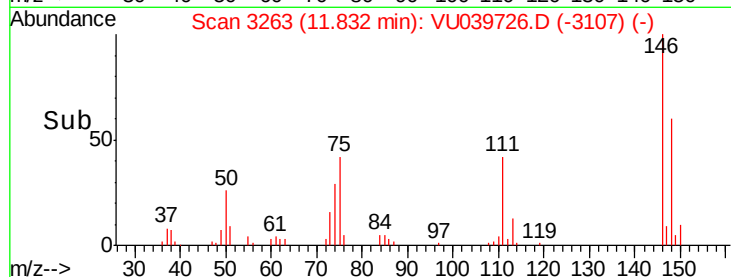
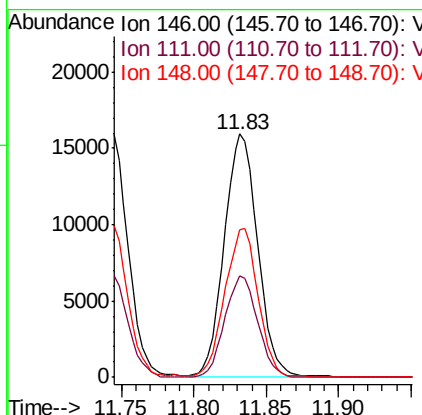
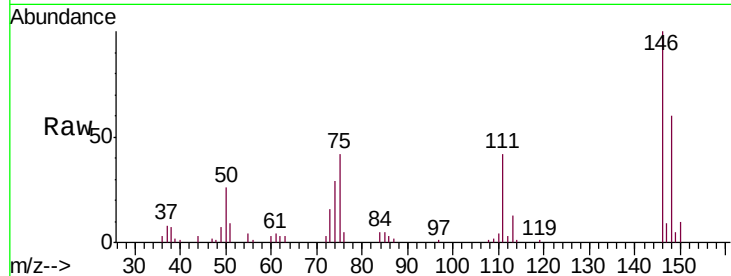




#83
 1,4-Dichlorobenzene
 Concen: 1.834 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

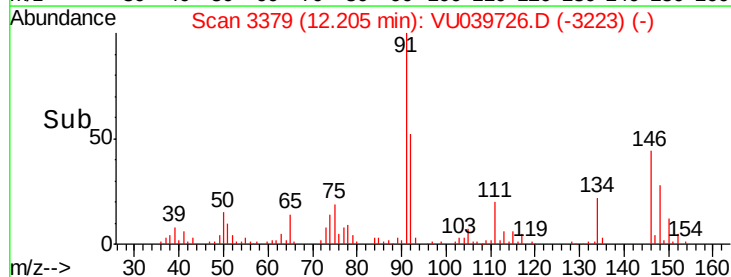
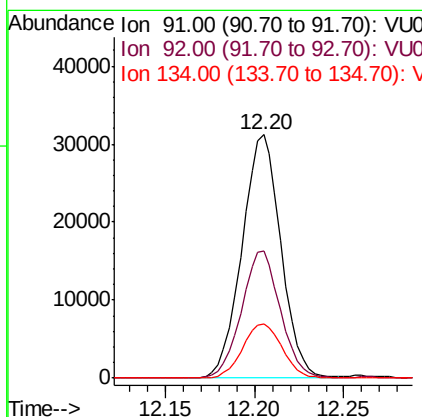
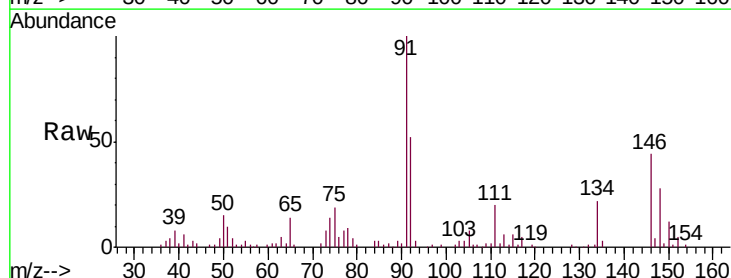
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

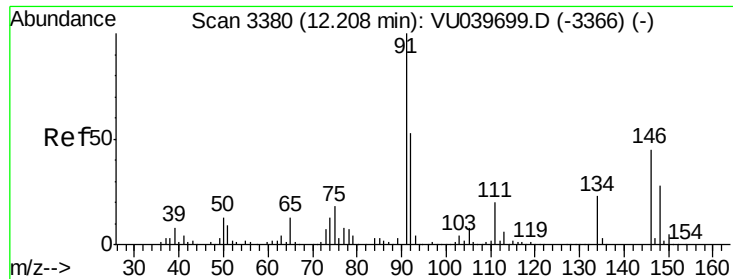
Tgt Ion: 146 Resp: 25626
 Ion Ratio Lower Upper
 146 100
 111 40.7 33.8 50.6
 148 59.3 51.1 76.7



#84
 n-Butylbenzene
 Concen: 1.660 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion: 91 Resp: 47664
 Ion Ratio Lower Upper
 91 100
 92 51.9 42.6 64.0
 134 22.3 18.2 27.4





#85

1,2-Dichlorobenzene

Concen: 1.771 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

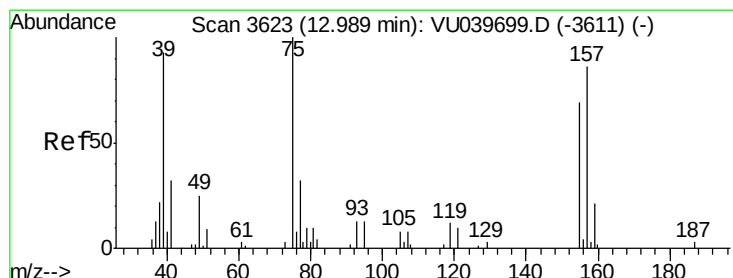
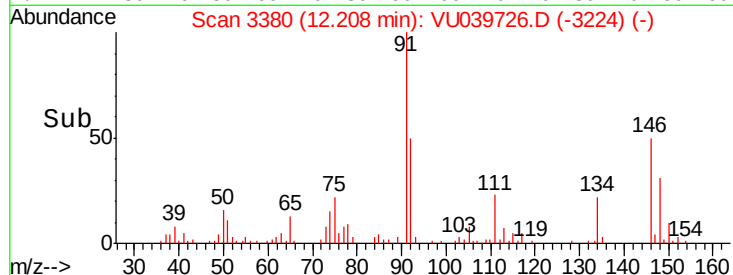
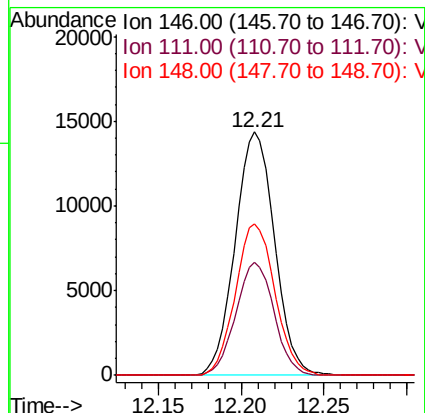
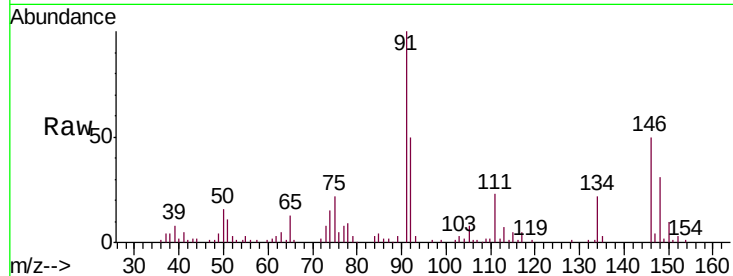
Tgt Ion:146 Resp: 23716

Ion Ratio Lower Upper

146 100

111 44.8 22.8 68.3

148 62.4 31.7 95.1



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.767 ug/l

RT: 12.99 min Scan# 3622

Delta R.T. -0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

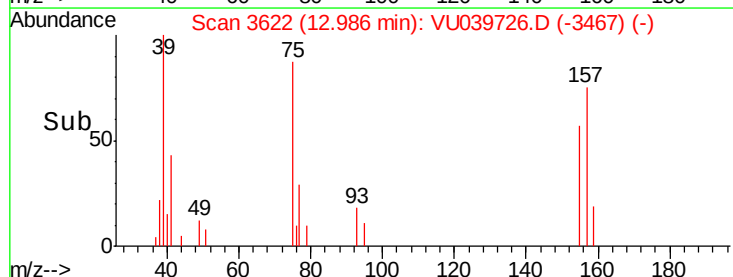
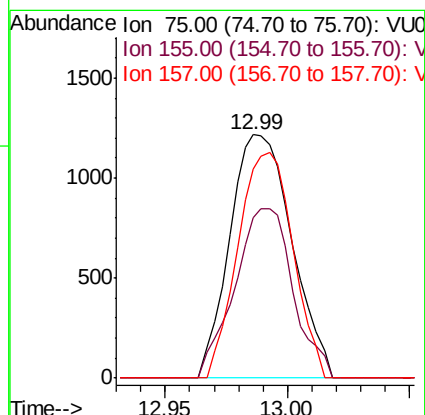
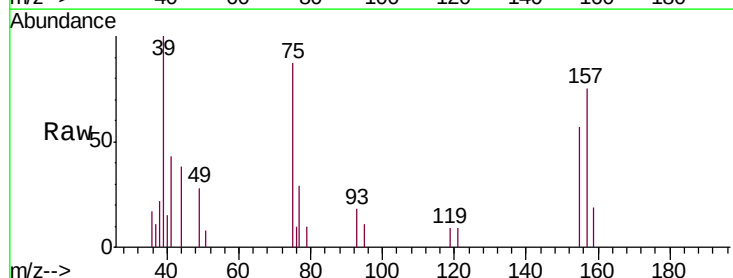
Tgt Ion: 75 Resp: 2147

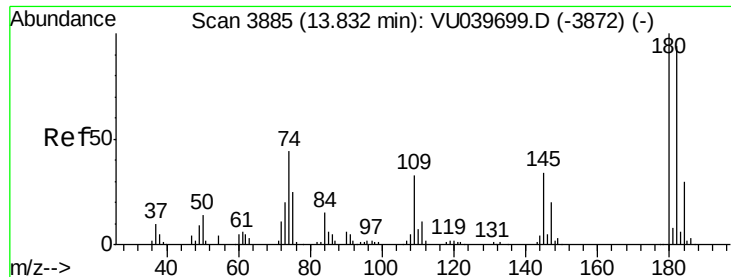
Ion Ratio Lower Upper

75 100

155 65.3 52.9 79.3

157 82.0 67.8 101.6

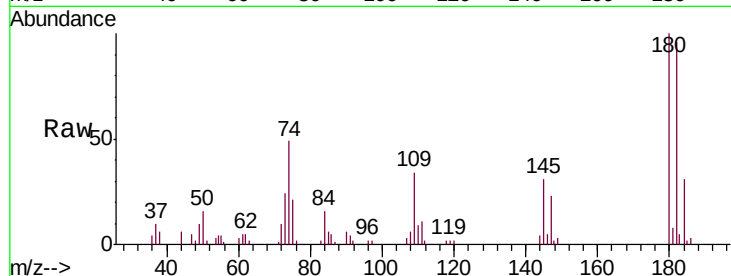




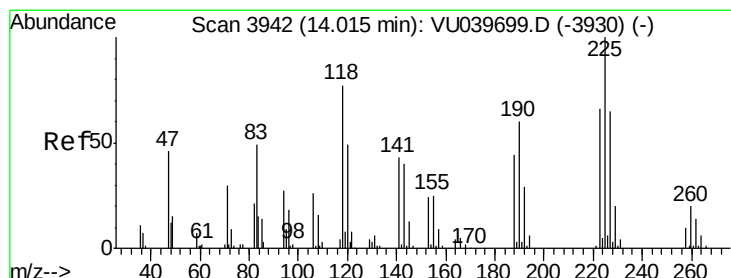
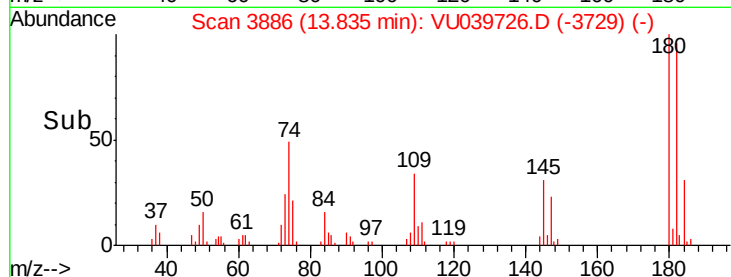
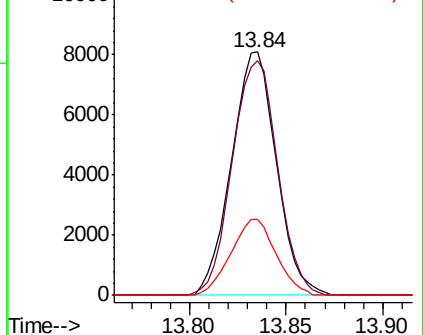
#87
 1,2,4-Trichlorobenzene
 Concen: 1.563 ug/l
 RT: 13.84 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

Tgt Ion:180 Resp: 13092
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.2 114.4
 145 31.3 26.8 40.2

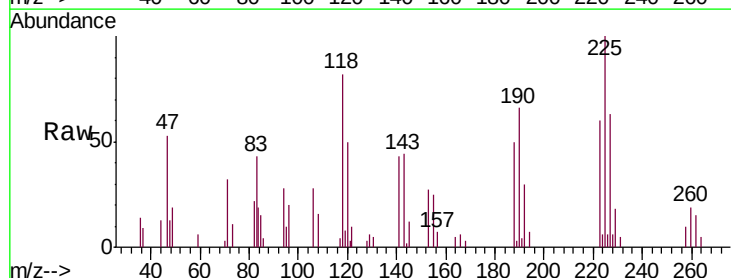


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

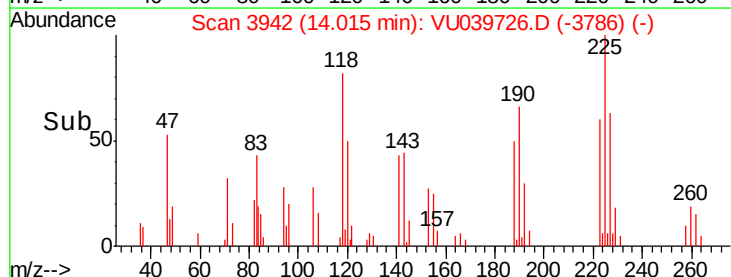
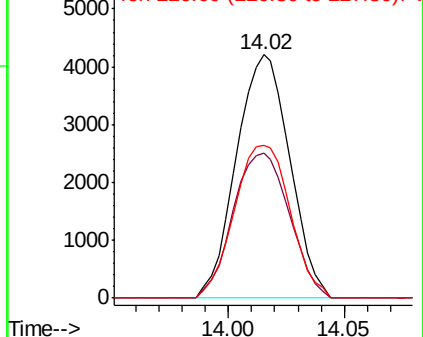


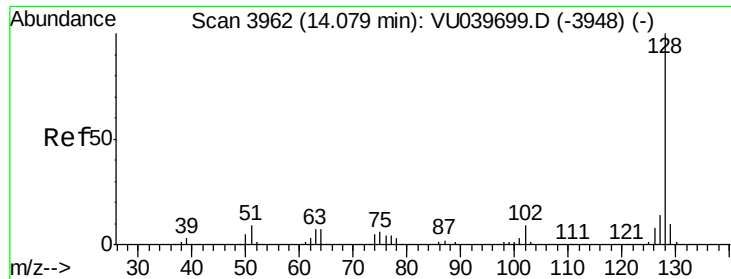
#88
 Hexachlorobutadiene
 Concen: 1.768 ug/l
 RT: 14.02 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VU039726.D
 Acq: 30 Jul 2020 18:29

Tgt Ion:225 Resp: 6723
 Ion Ratio Lower Upper
 225 100
 223 62.8 52.4 78.6
 227 65.7 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: 2.117 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBSD01

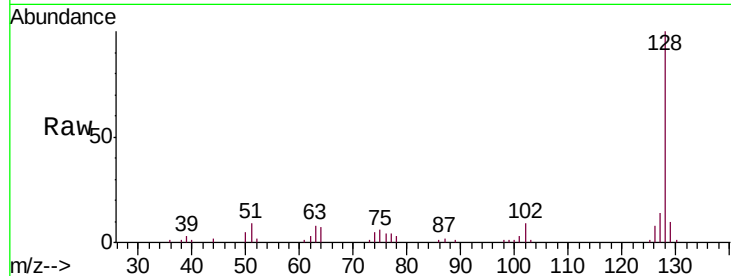
Tgt Ion:128 Resp: 37934

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

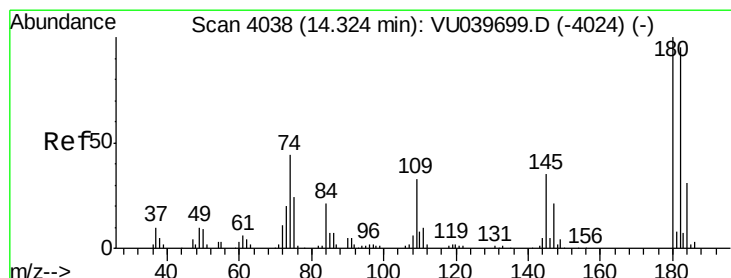
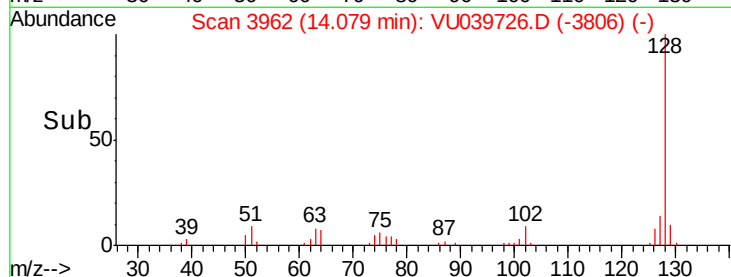
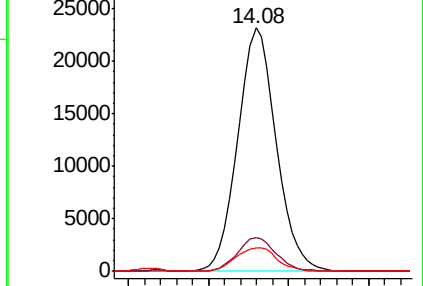
129 10.4 8.4 12.6



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: 2.027 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. 0.00 min

Lab File: VU039726.D

Acq: 30 Jul 2020 18:29

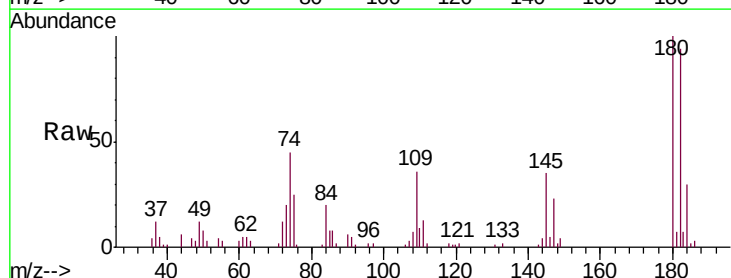
Tgt Ion:180 Resp: 16028

Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 36.5 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

