

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
 Data File : VU039729.D
 Acq On : 31 Jul 2020 11:14
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Aug 01 01:32:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	24114	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	9414	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8602	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	74243	8.860 ug/l	99
3) Chloromethane	1.53	50	91182	8.760 ug/l	99
4) Vinyl Chloride	1.61	62	86290	8.995 ug/l	99
5) Bromomethane	1.86	94	49908	7.607 ug/l	99
6) Chloroethane	1.94	64	56832	8.538 ug/l	99
7) Trichlorofluoromethane	2.15	101	112976	8.904 ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	64323	8.833 ug/l	100
9) 1,1-Dichloroethene	2.59	96	59498	8.880 ug/l	100
10) Iodomethane	2.73	142	74284	10.992 ug/l	99
11) Allyl Chloride	2.93	41	129061	8.930 ug/l	99
12) Acrylonitrile	3.33	53	44082	18.744 ug/l	91
13) Acetone	2.63	43	104768	47.346 ug/l	98
14) Carbon Disulfide	2.80	76	220021	8.954 ug/l	100
15) Methylene Chloride	3.06	84	76379	8.178 ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	66763	8.764 ug/l	99
17) 1,1-Dichloroethane	3.89	63	144750	8.654 ug/l	100
18) 2-Butanone	4.73	43	163151	43.845 ug/l	99
19) Cyclohexane	5.40	56	140199m	8.660 ug/l	
20) Methylcyclohexane	6.77	83	115361	9.616 ug/l	98
21) 2,2-Dichloropropane	4.68	77	115858	8.491 ug/l	97
22) cis-1,2-Dichloroethene	4.68	96	72895	8.878 ug/l	98
23) Diethyl Ether	2.38	59	60566	8.841 ug/l	99
24) tert-Butyl Alcohol	3.20	59	74815	90.998 ug/l	99
25) Methyl tert-Butyl Ether	3.38	73	193863	8.868 ug/l	98
26) Bromochloromethane	4.99	128	29635	8.822 ug/l	98
27) Chloroform	5.11	83	134991	8.623 ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	111796	8.826 ug/l	99
29) 1,1-Dichloropropene	5.54	75	107687	8.828 ug/l	98
30) Carbon Tetrachloride	5.54	117	91943	8.877 ug/l	98
31) Isopropyl Ether	4.02	45	265821	8.713 ug/l	100
32) Ethyl-t-butyl ether	4.53	59	224915	8.663 ug/l	99
33) Tert-Amyl methyl ether	5.96	73	187930	10.040 ug/l	99
34) Propionitrile	4.80	54	42244	46.020 ug/l	99
35) Benzene	5.79	78	292824	9.705 ug/l	98
36) 1,2-Dichloroethane	5.81	62	108796	9.619 ug/l	99
37) Trichloroethene	6.55	130	60768	8.803 ug/l	96
38) 1,2-Dichloropropane	6.81	63	76431	9.191 ug/l	97
39) Methacrylonitrile	5.00	41	38155	7.887 ug/l	96
40) Methyl acrylate	4.87	55	52786	8.462 ug/l	99
41) Tetrahydrofuran	5.08	42	38194	15.693 ug/l	100
42) 1-Chlorobutane	5.47	56	169835	8.871 ug/l	98

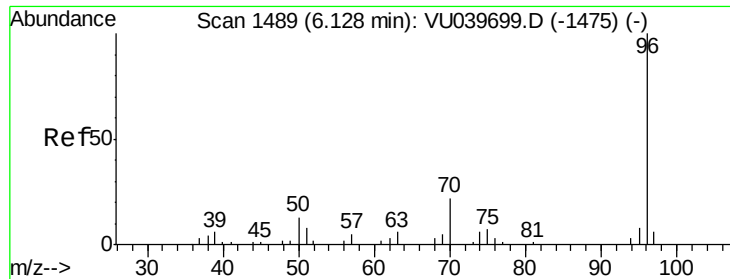
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
 Data File : VU039729.D
 Acq On : 31 Jul 2020 11:14
 Operator : SY/MD
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 VSTDCCC010

Quant Time: Aug 01 01:32:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	39044	8.725	ug/l	99
44) Bromodichloromethane	7.12	83	92107	8.977	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	314490	46.393	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	37476m	18.587	ug/l	
47) Methyl methacrylate	6.98	69	78519	18.812	ug/l	99
48) Ethyl methacrylate	8.35	69	72467	9.433	ug/l	97
49) Toluene	7.98	92	168187	9.365	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	89265	9.660	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	99419	9.154	ug/l	96
52) 1,1,2-Trichloroethane	8.41	97	52922	9.102	ug/l	97
53) 1,3-Dichloropropane	8.58	76	100182	8.974	ug/l	100
54) 2-Hexanone	8.70	43	230917	47.578	ug/l	99
55) Dibromochloromethane	8.82	129	58247	9.329	ug/l	99
56) 1,2-Dibromoethane	8.93	107	50390	8.994	ug/l	99
58) Tetrachloroethene	8.56	164	55750	9.225	ug/l	97
59) Chlorobenzene	9.45	112	170909	9.203	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	57696	9.214	ug/l	99
61) Pentachloroethane	11.43	117	49289	8.959	ug/l	99
62) Hexachloroethane	12.47	117	47053	9.331	ug/l	100
63) Ethyl Benzene	9.57	91	320670	9.635	ug/l	99
64) m/p-Xylenes	9.70	106	255807	19.672	ug/l	99
65) o-Xylene	10.10	106	120594	9.768	ug/l	96
66) Styrene	10.11	104	212052	10.023	ug/l	99
67) Bromoform	10.29	173	30416	9.550	ug/l	97
69) Isopropylbenzene	10.48	105	314130	9.526	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	76937	9.192	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	56832m	9.014	ug/l	
72) Bromobenzene	10.78	156	67861	9.061	ug/l	98
73) n-propylbenzene	10.91	120	88923	9.591	ug/l	97
74) 2-Chlorotoluene	10.99	126	73098	9.333	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	282219	9.900	ug/l	99
76) 4-Chlorotoluene	11.10	126	80634	9.940	ug/l	97
77) tert-Butylbenzene	11.42	119	263705	9.643	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	289690	9.909	ug/l	100
79) sec-Butylbenzene	11.64	105	380274	9.769	ug/l	100
80) Nitrobenzene	13.20	77	6923	48.881	ug/l	99
81) p-Isopropyltoluene	11.79	119	309000	9.850	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	147706	9.164	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	148242	9.143	ug/l	100
84) n-Butylbenzene	12.20	91	330755	9.926	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	139820	9.000	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13086	9.282	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	86212	8.873	ug/l	100
88) Hexachlorobutadiene	14.01	225	41069	9.307	ug/l	98
89) Naphthalene	14.08	128	189141	9.098	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	81912	8.930	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 96 Resp: 24114

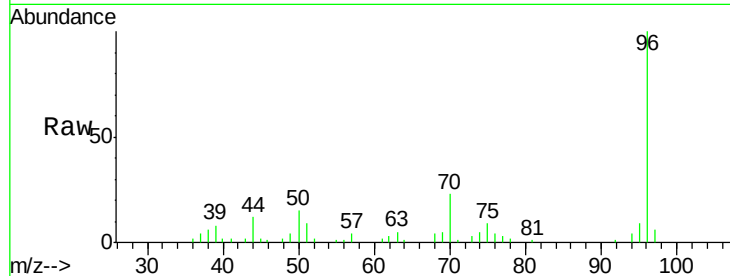
Ion Ratio Lower Upper

96 100

70 20.0 16.3 24.5

95 8.8 6.8 10.2

97 0.0 0.0 0.0

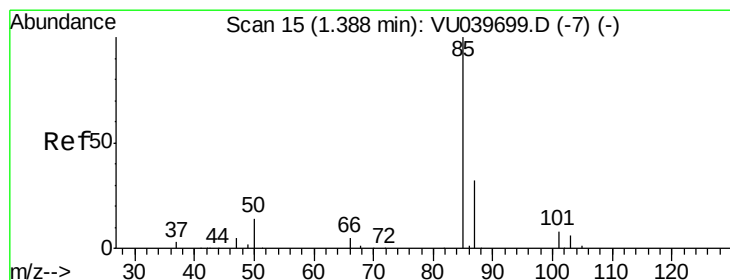
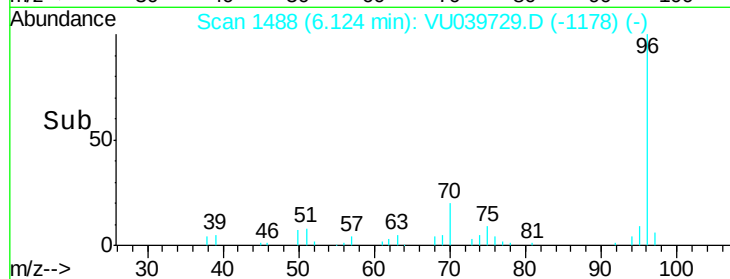
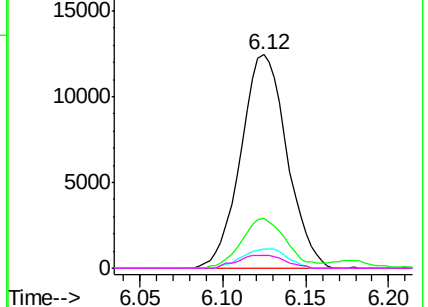


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 8.860 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039729.D

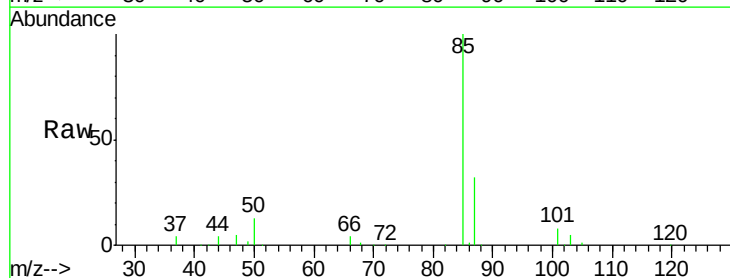
Acq: 31 Jul 2020 11:14

Tgt Ion: 85 Resp: 74243

Ion Ratio Lower Upper

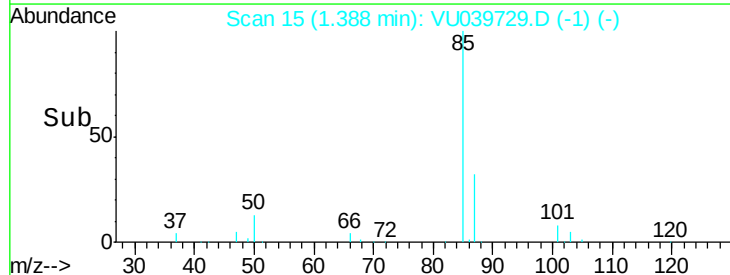
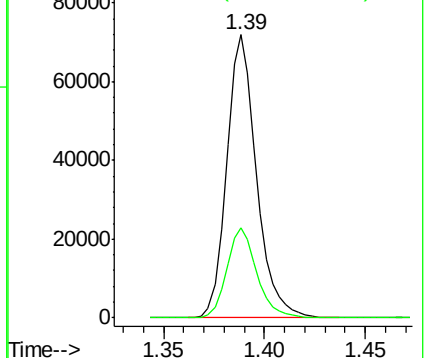
85 100

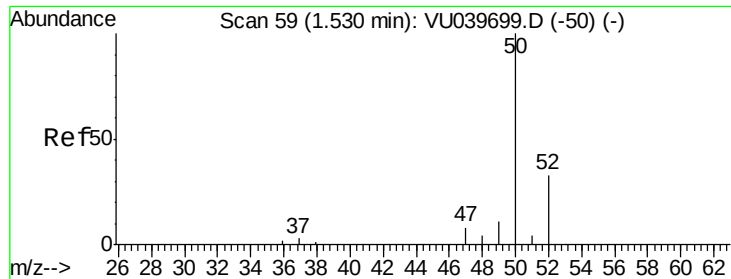
87 31.6 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 8.760 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

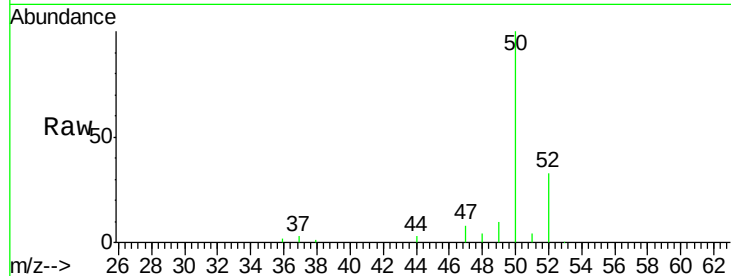
VSTDCCC010

Tgt Ion: 50 Resp: 91182

Ion Ratio Lower Upper

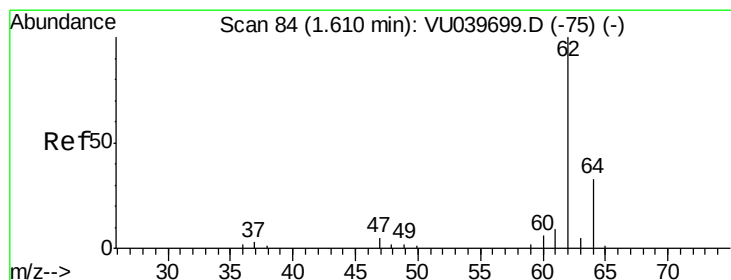
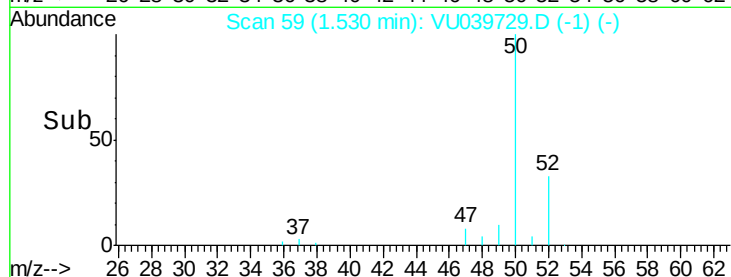
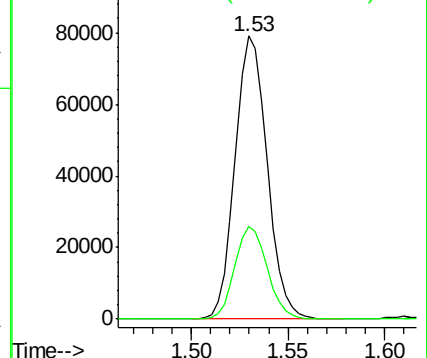
50 100

52 32.9 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 8.995 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039729.D

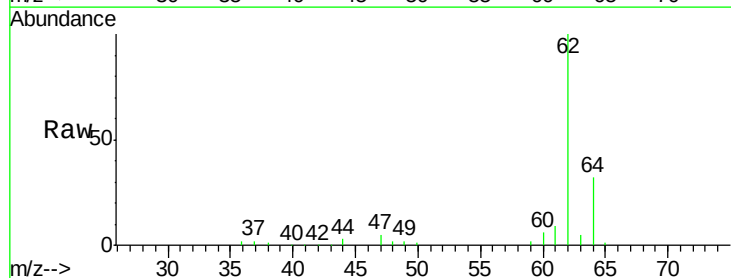
Acq: 31 Jul 2020 11:14

Tgt Ion: 62 Resp: 86290

Ion Ratio Lower Upper

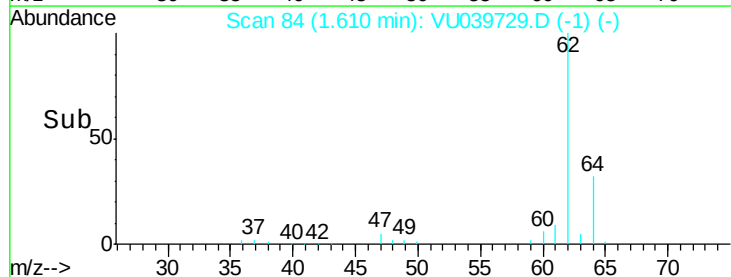
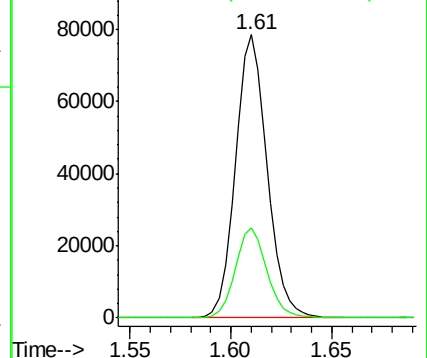
62 100

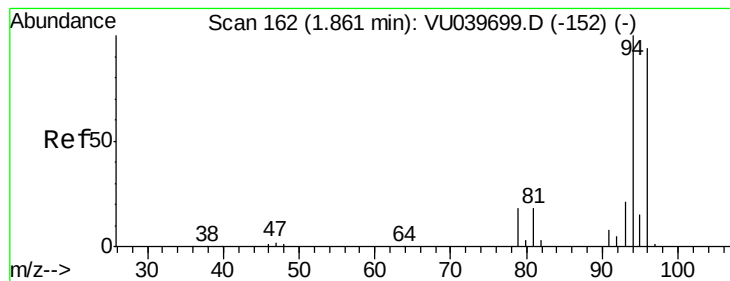
64 31.7 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 7.607 ug/l

RT: 1.86 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

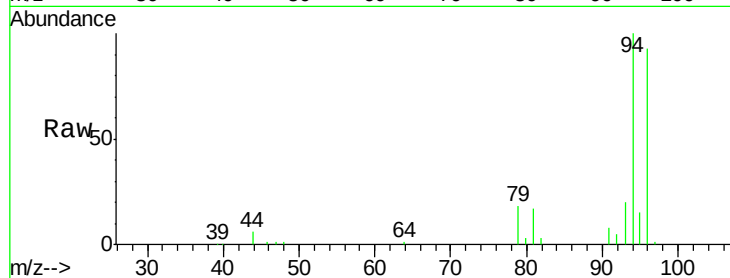
VSTDCCC010

Tgt Ion: 94 Resp: 49908

Ion Ratio Lower Upper

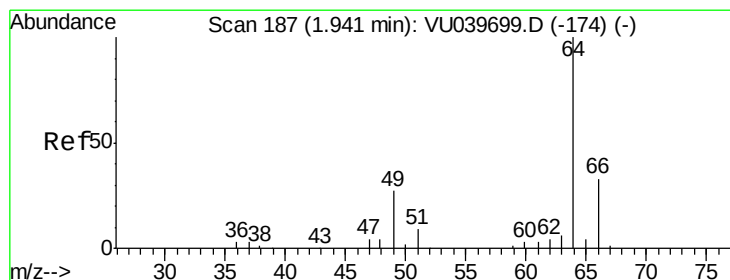
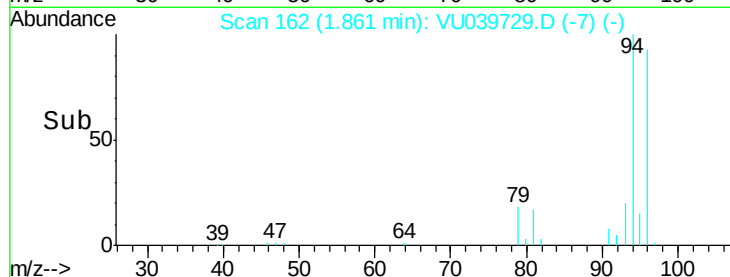
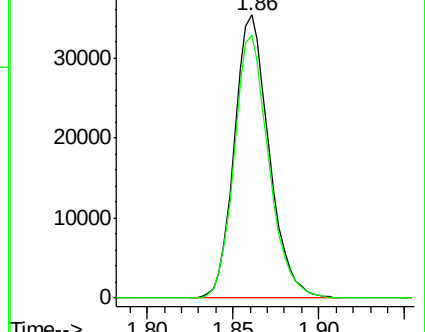
94 100

96 92.7 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU039729.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039729.D (-152) (-)



#6

Chloroethane

Concen: 8.538 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039729.D

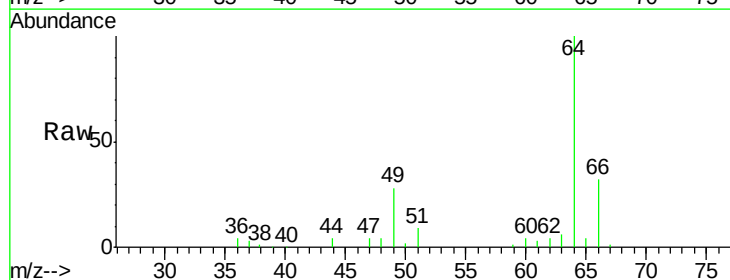
Acq: 31 Jul 2020 11:14

Tgt Ion: 64 Resp: 56832

Ion Ratio Lower Upper

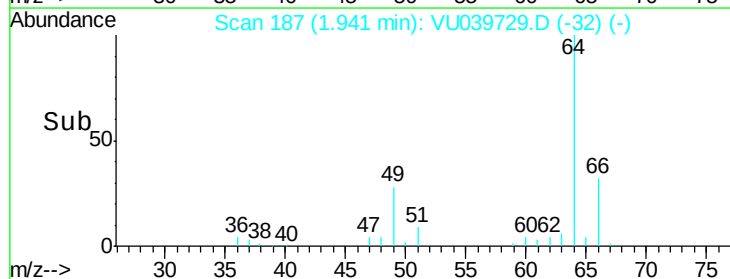
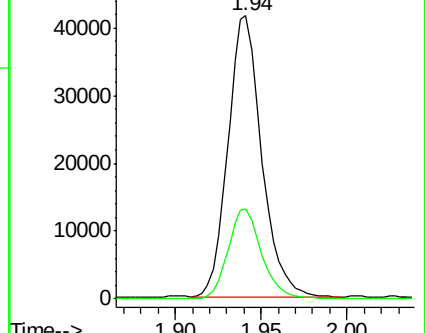
64 100

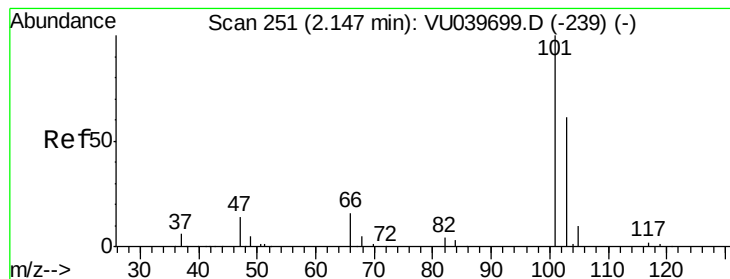
66 32.0 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039729.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039729.D (-174) (-)



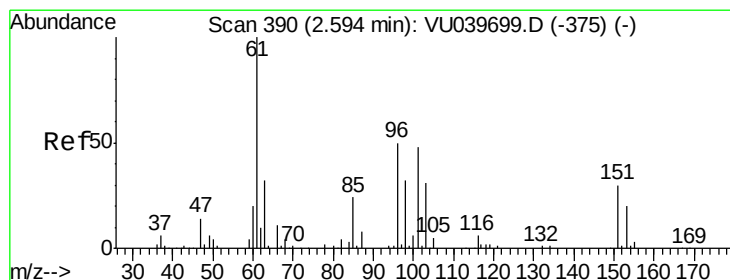
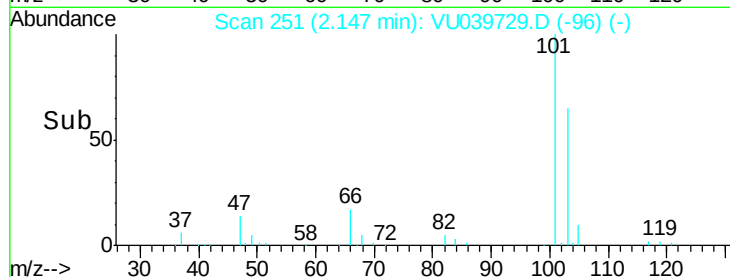
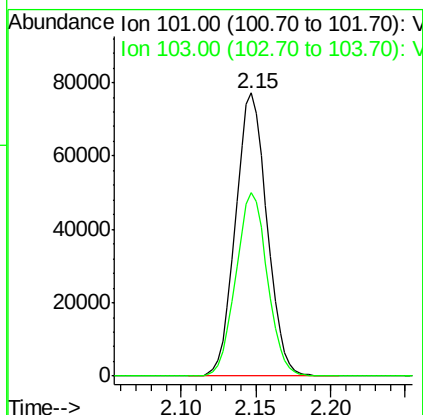
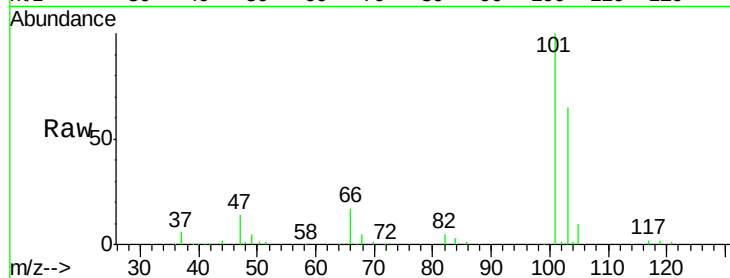


#7

Trichlorofluoromethane
Concen: 8.904 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

Instrument :
MSVOA_U
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VSTDCCC010

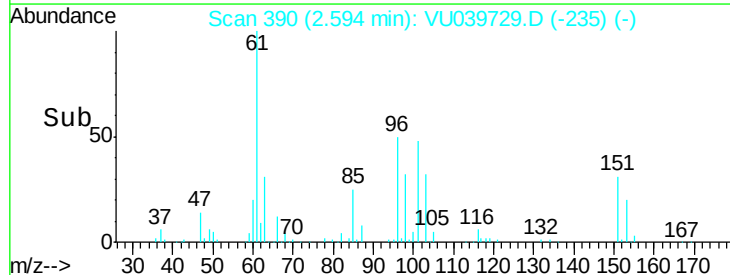
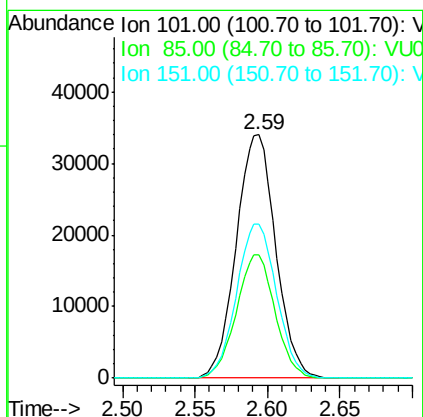
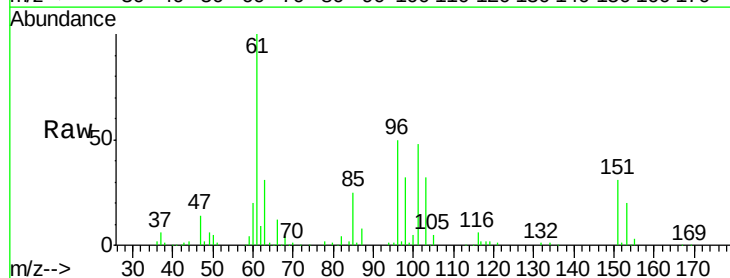
Tgt Ion:101 Resp: 112976
Ion Ratio Lower Upper
101 100
103 64.6 48.8 73.2

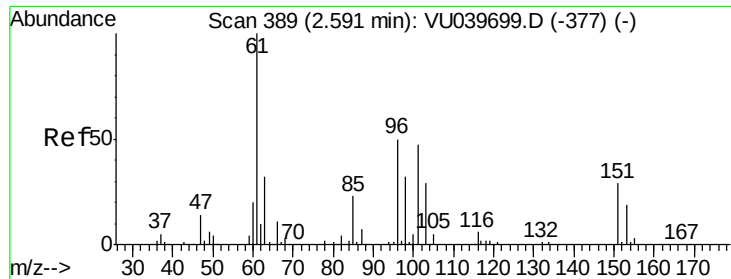


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.833 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

Tgt Ion:101 Resp: 64323
Ion Ratio Lower Upper
101 100
85 49.6 39.9 59.9
151 64.0 51.0 76.4





#9

1,1-Dichloroethene

Concen: 8.880 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

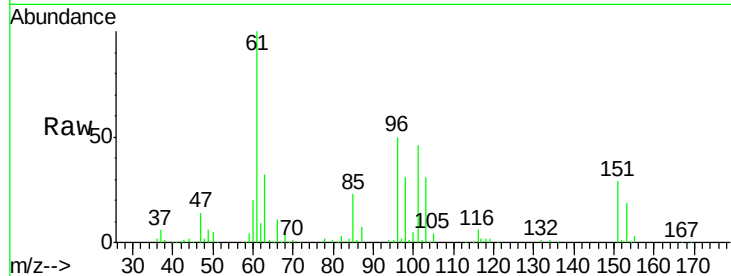
Tgt Ion: 96 Resp: 59498

Ion Ratio Lower Upper

96 100

61 201.9 0.0 604.5

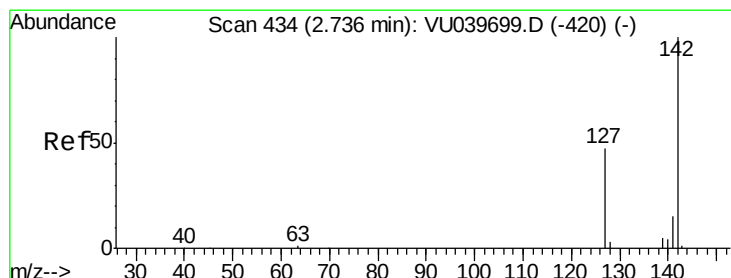
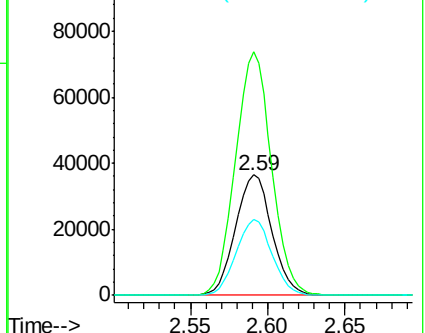
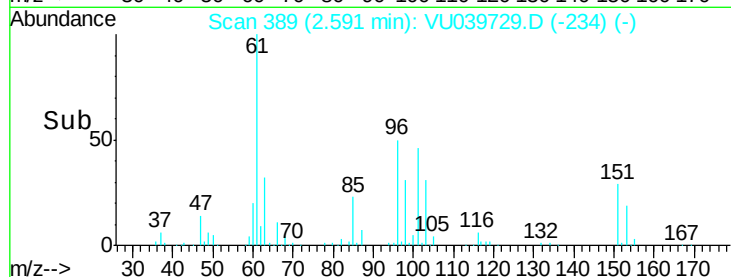
98 62.7 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039729.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU039729.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU039729.D (-234) (-)



#10

Iodomethane

Concen: 10.992 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039729.D

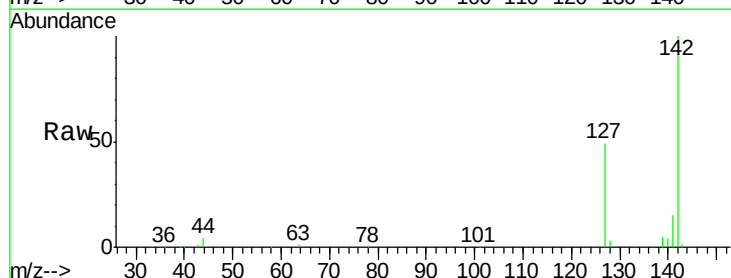
Acq: 31 Jul 2020 11:14

Tgt Ion: 142 Resp: 74284

Ion Ratio Lower Upper

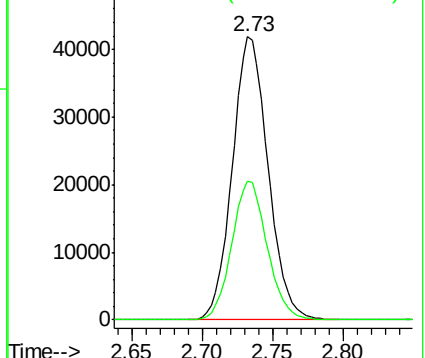
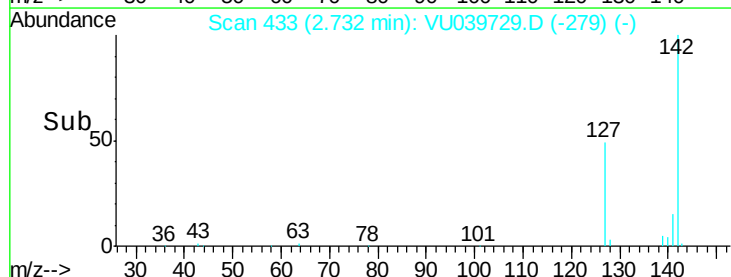
142 100

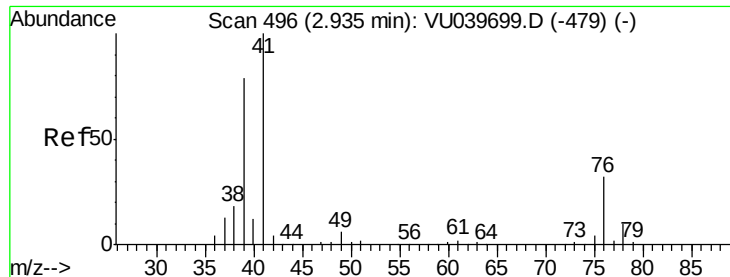
127 48.5 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039729.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU039729.D (-279) (-)

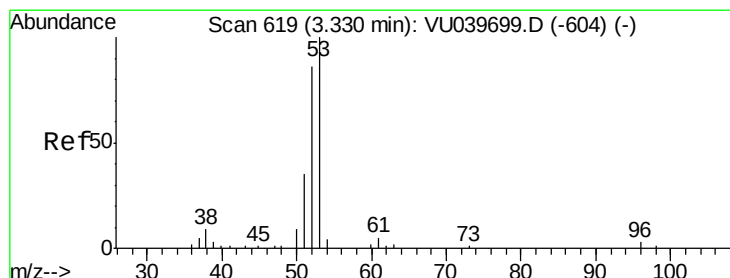
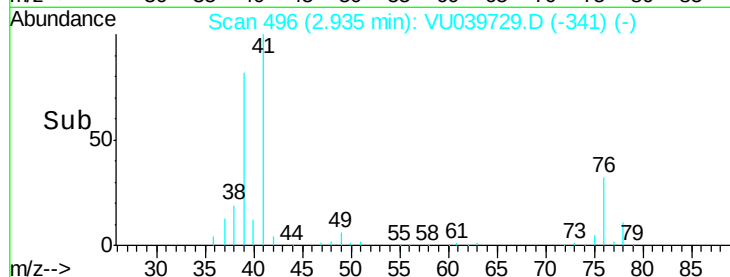
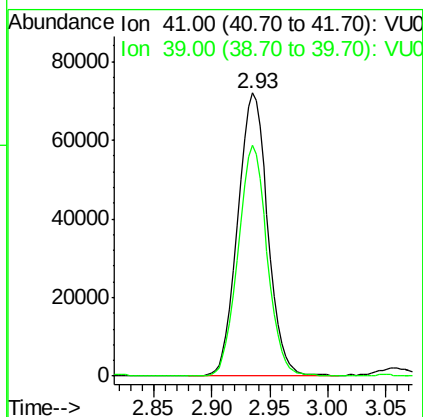
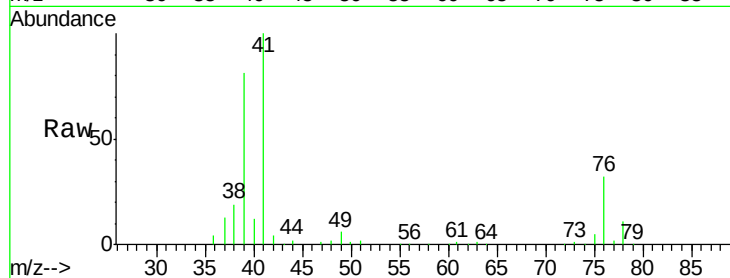




#11
 Allyl Chloride
 Concen: 8.930 ug/l
 RT: 2.93 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

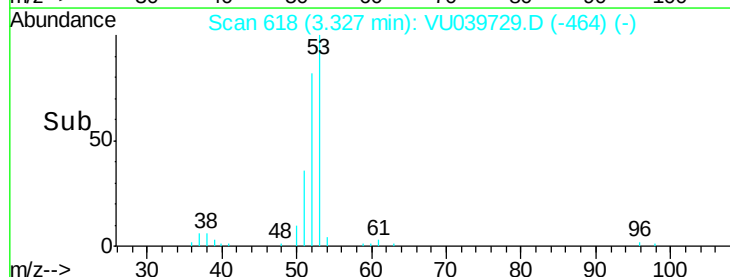
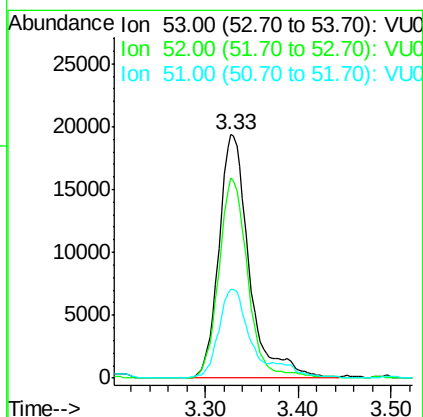
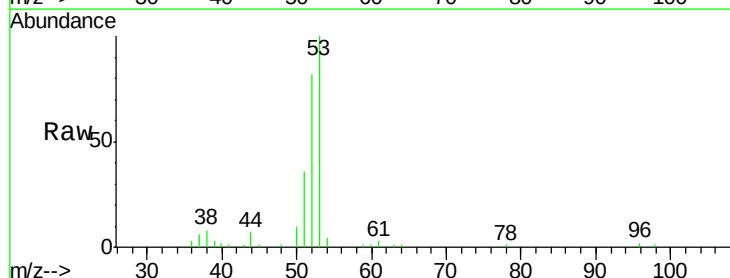
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

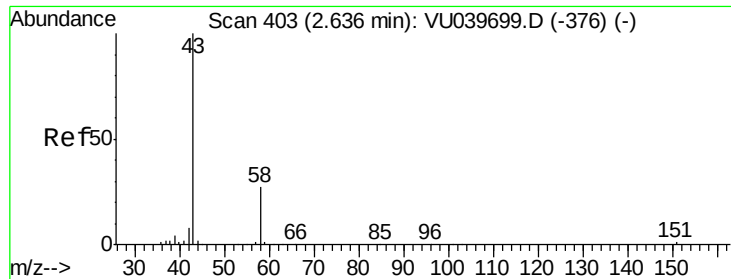
Tgt Ion: 41 Resp: 129061
 Ion Ratio Lower Upper
 41 100
 39 79.3 64.2 96.2



#12
 Acrylonitrile
 Concen: 18.744 ug/l
 RT: 3.33 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion: 53 Resp: 44082
 Ion Ratio Lower Upper
 53 100
 52 78.0 69.1 103.7
 51 41.1 29.4 44.2





#13

Acetone

Concen: 47.346 ug/l

RT: 2.63 min Scan# 402

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

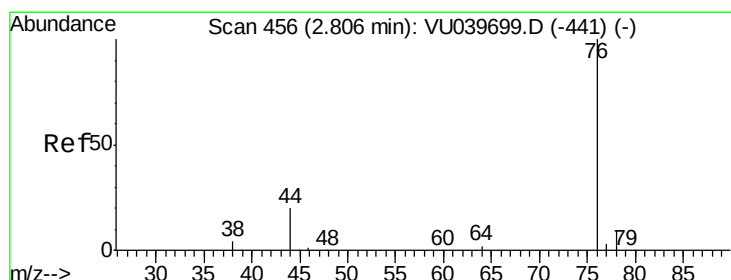
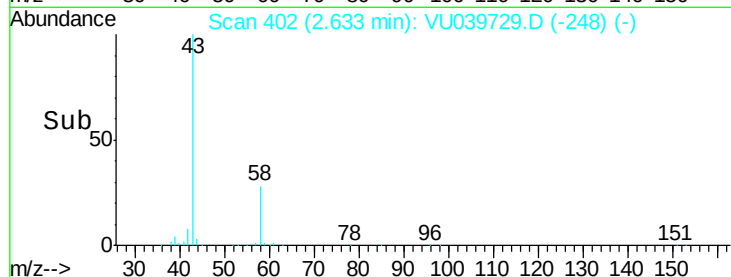
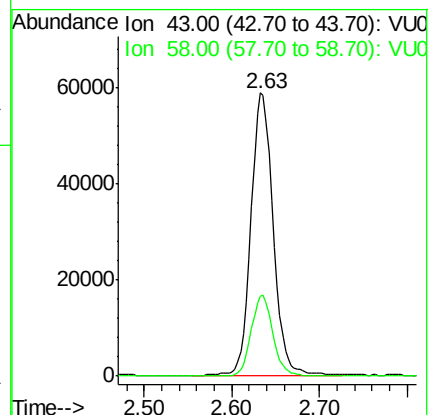
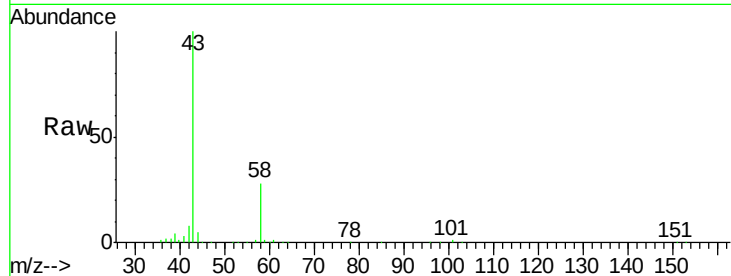
VSTDCCC010

Tgt Ion: 43 Resp: 104768

Ion Ratio Lower Upper

43 100

58 28.4 21.8 32.6



#14

Carbon Disulfide

Concen: 8.954 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039729.D

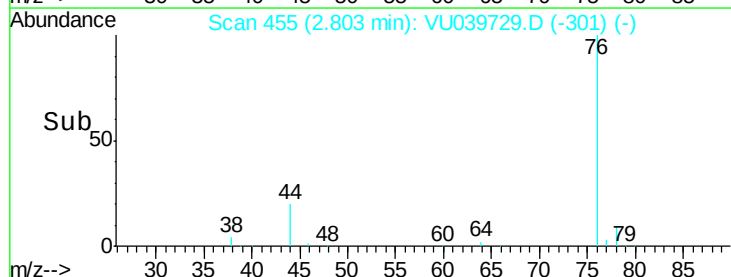
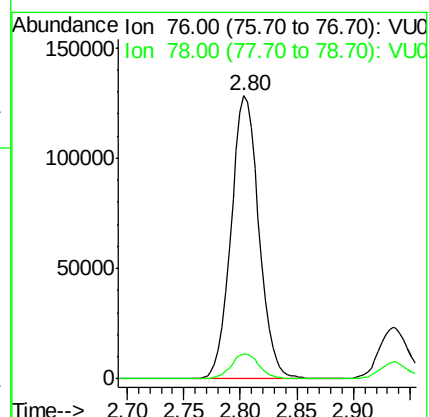
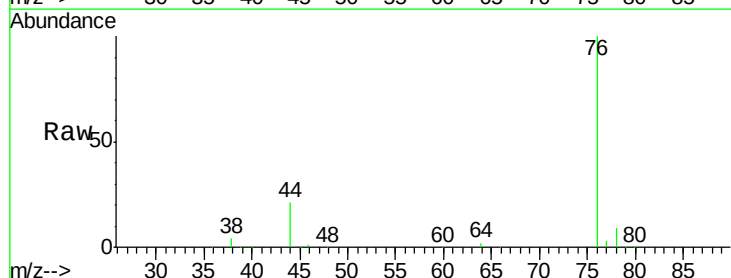
Acq: 31 Jul 2020 11:14

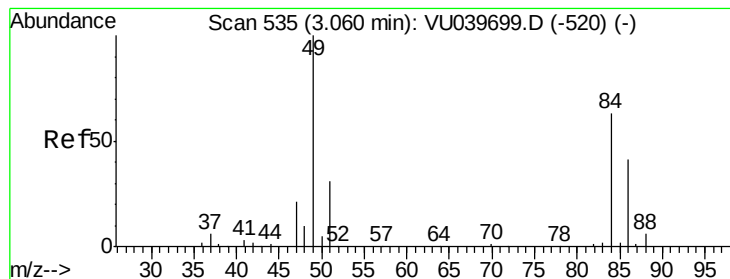
Tgt Ion: 76 Resp: 220021

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6





#15

Methylene Chloride

Concen: 8.178 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 84 Resp: 76379

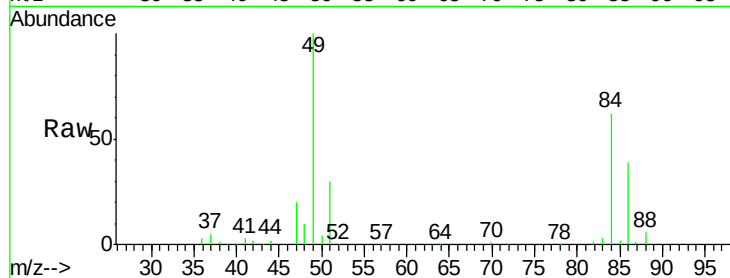
Ion Ratio Lower Upper

84 100

49 161.8 126.8 190.2

51 48.6 0.0 97.2

86 63.5 51.4 77.2

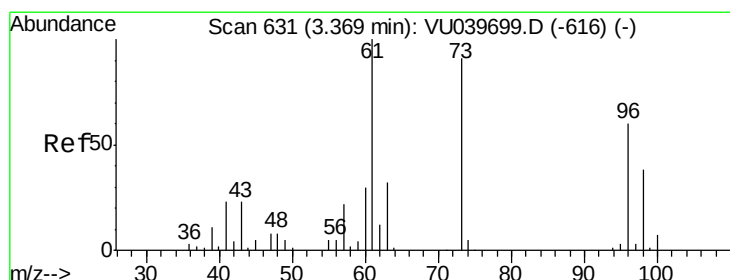
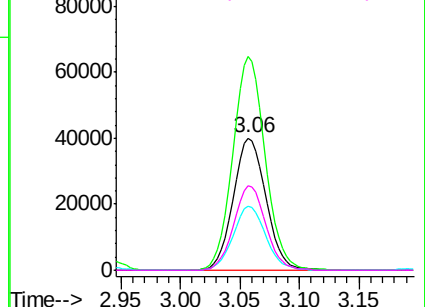
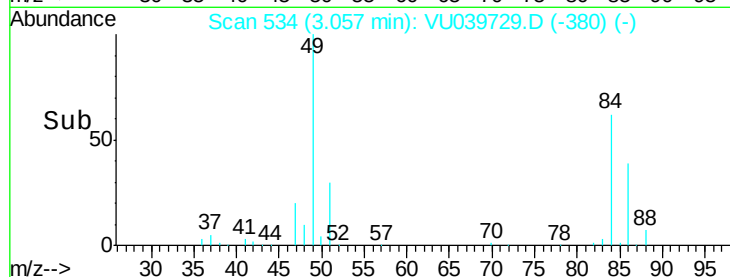


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 8.764 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

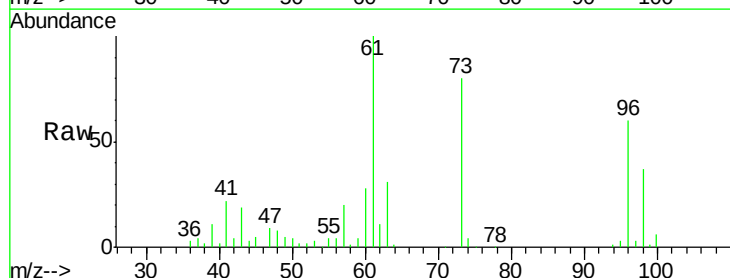
Tgt Ion: 96 Resp: 66763

Ion Ratio Lower Upper

96 100

61 166.6 132.6 199.0

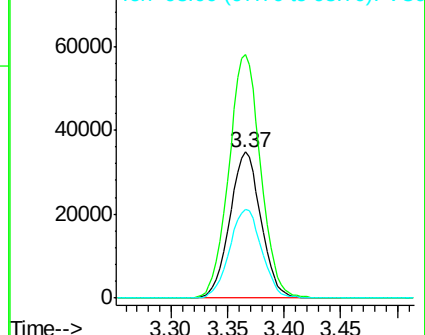
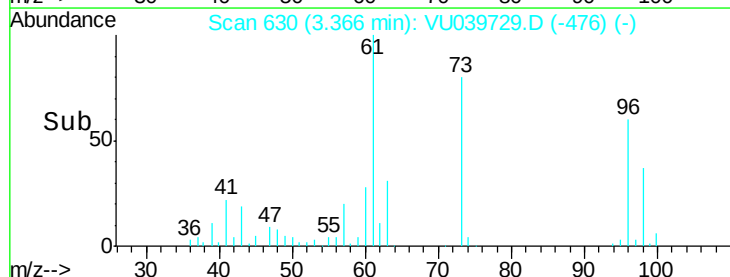
98 60.9 50.2 75.2

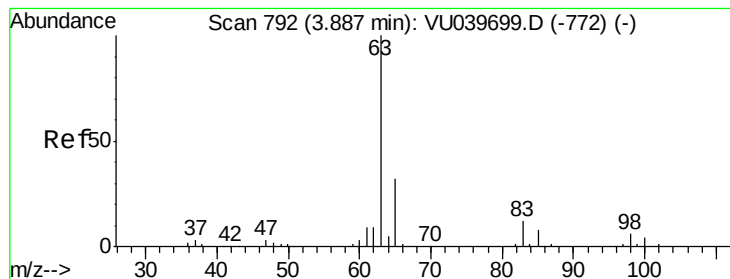


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 8.654 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

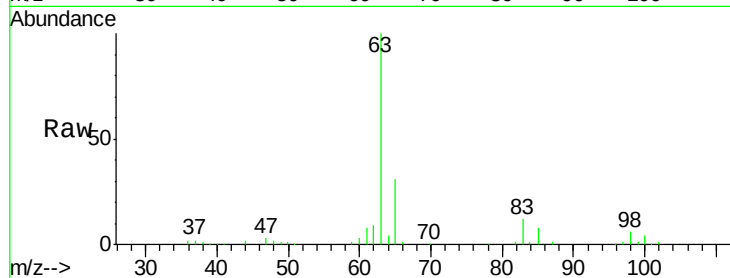
Tgt Ion: 63 Resp: 144750

Ion Ratio Lower Upper

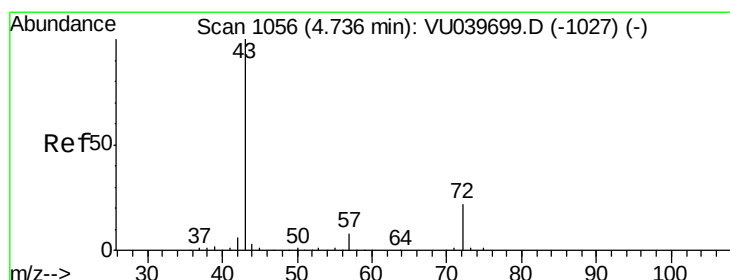
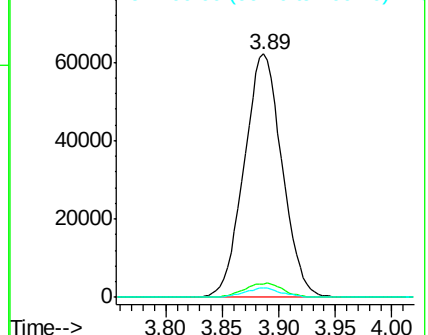
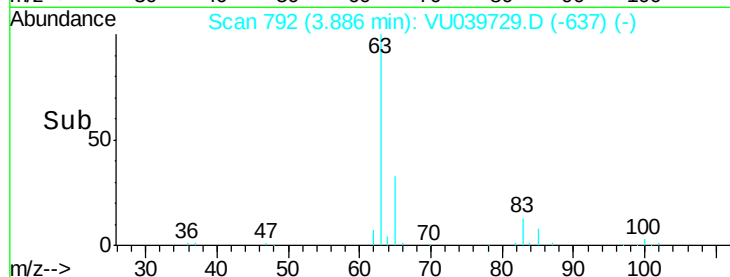
63 100

98 5.6 2.9 8.7

100 4.0 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VU039729.D (-637) (-)



#18

2-Butanone

Concen: 43.845 ug/l

RT: 4.73 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VU039729.D

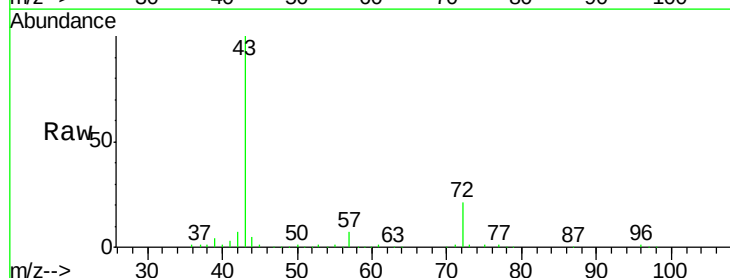
Acq: 31 Jul 2020 11:14

Tgt Ion: 43 Resp: 163151

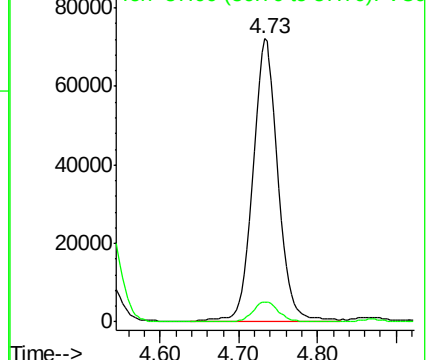
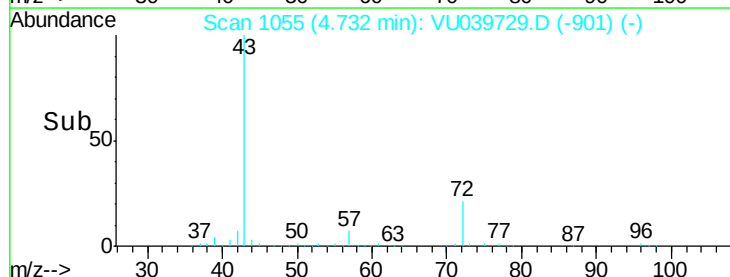
Ion Ratio Lower Upper

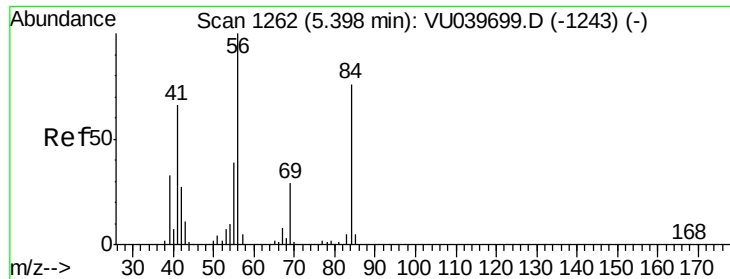
43 100

57 7.1 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039729.D (-901) (-)

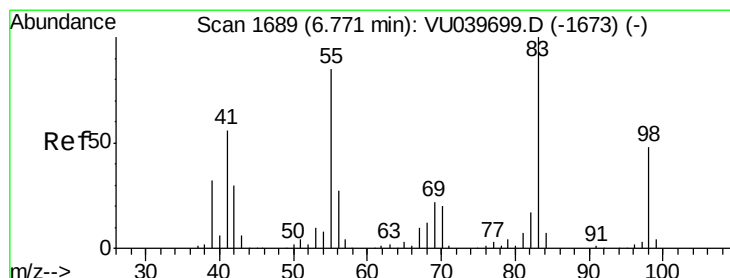
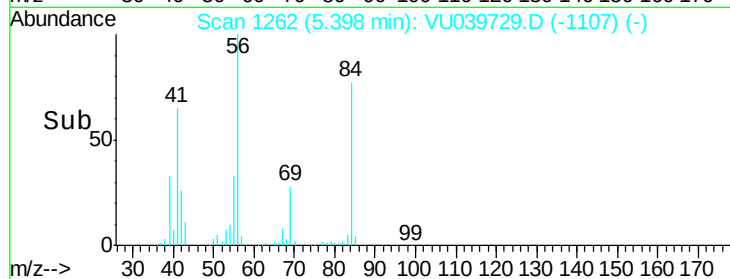
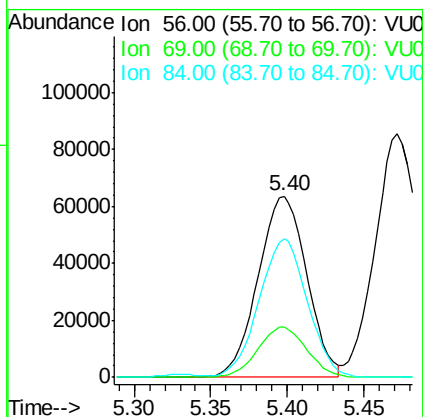
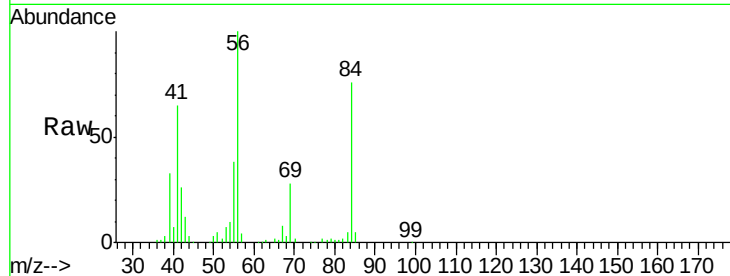




#19
Cyclohexane
Concen: 8.660 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

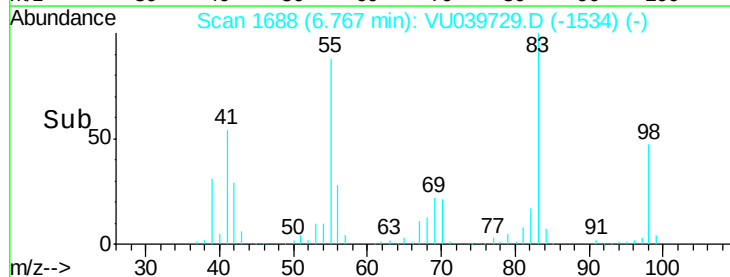
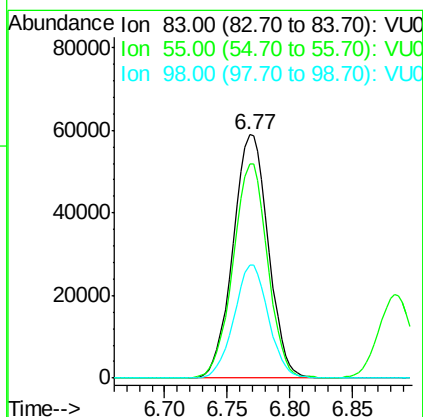
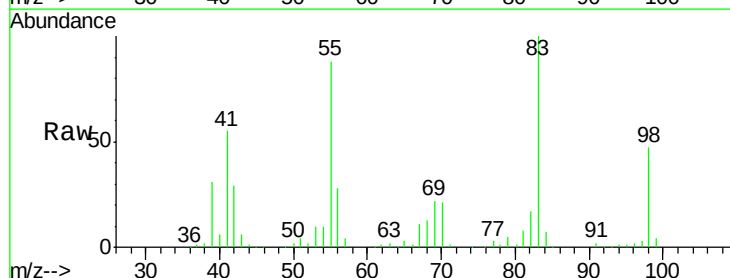
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

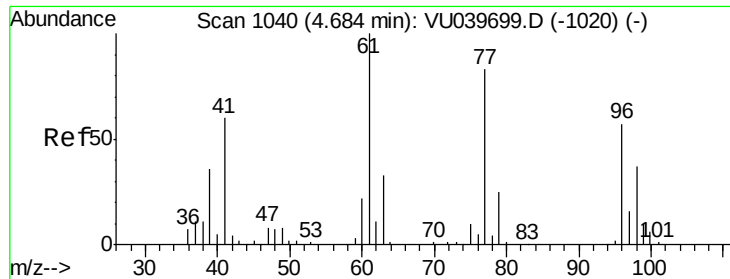
Tgt Ion: 56 Resp: 140199
Ion Ratio Lower Upper
56 100
69 27.9 22.8 34.2
84 74.1 59.9 89.9



#20
Methylcyclohexane
Concen: 9.616 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

Tgt Ion: 83 Resp: 115361
Ion Ratio Lower Upper
83 100
55 85.9 67.6 101.4
98 45.4 37.3 55.9

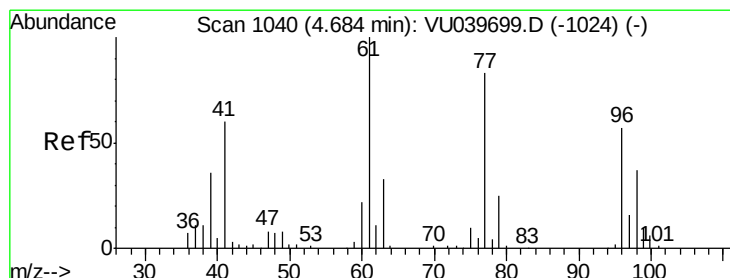
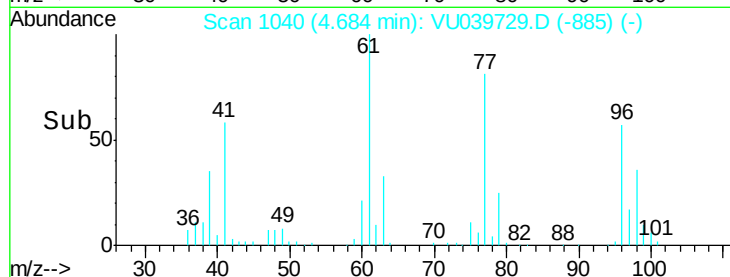
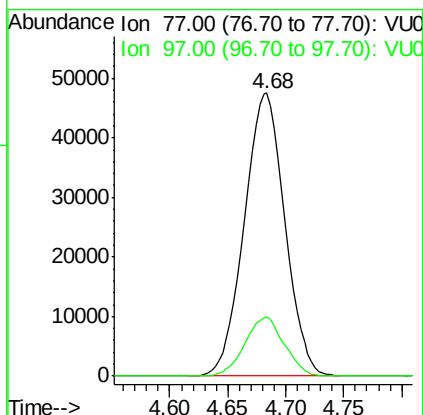
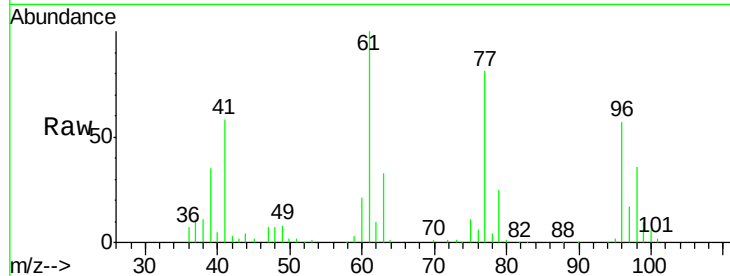




#21
 2,2-Dichloropropane
 Concen: 8.491 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

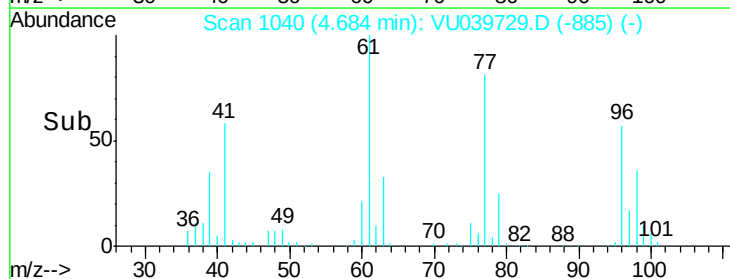
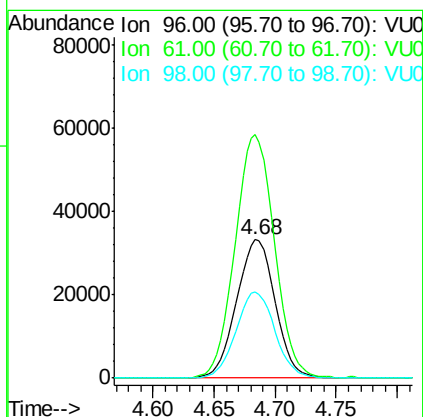
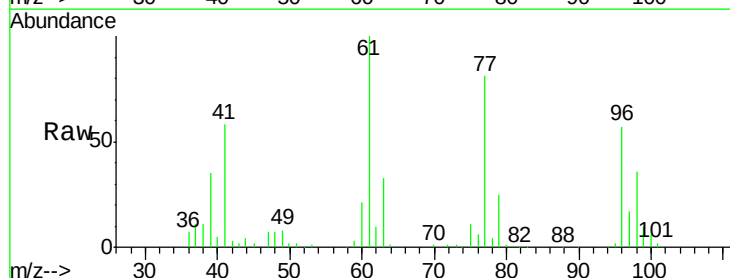
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

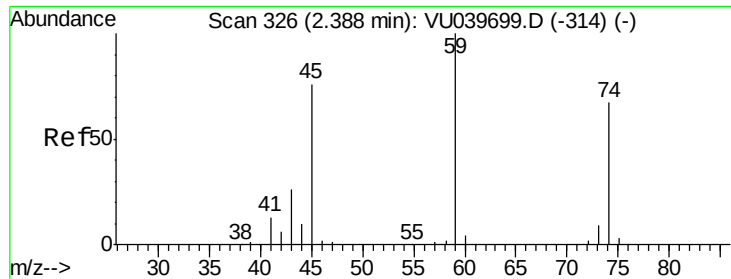
Tgt Ion: 77 Resp: 115858
 Ion Ratio Lower Upper
 77 100
 97 20.2 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 8.878 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion: 96 Resp: 72895
 Ion Ratio Lower Upper
 96 100
 61 178.9 0.0 451.3
 98 62.8 32.6 98.0

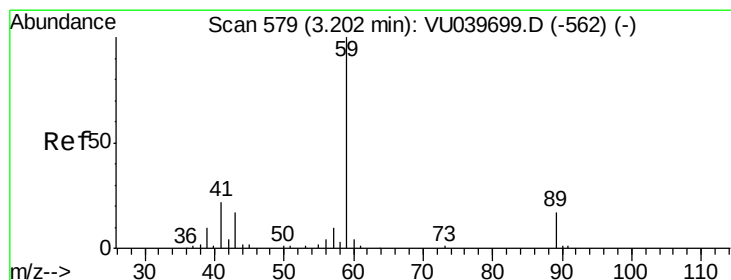
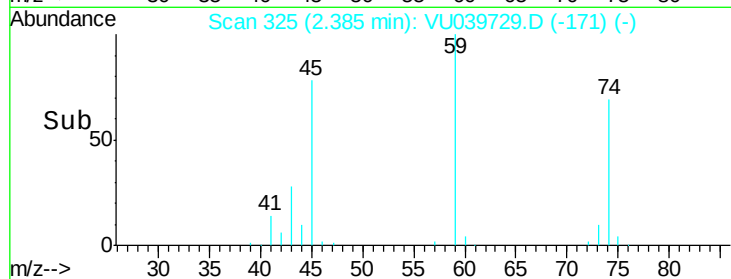
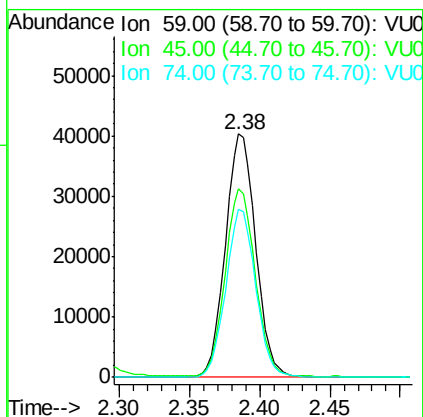
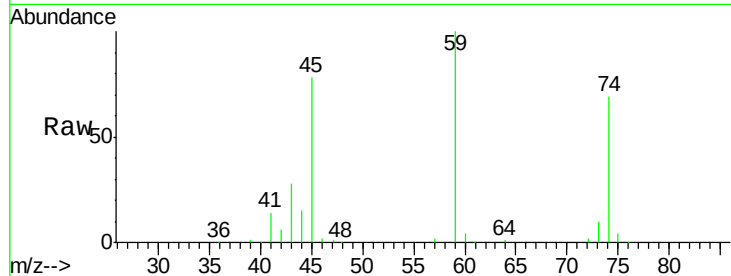




#23
Diethyl Ether
Concen: 8.841 ug/l
RT: 2.38 min Scan# 325
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

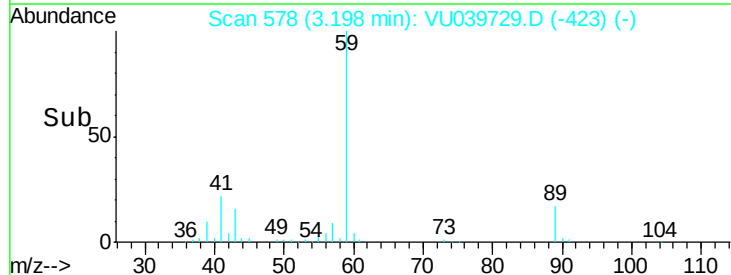
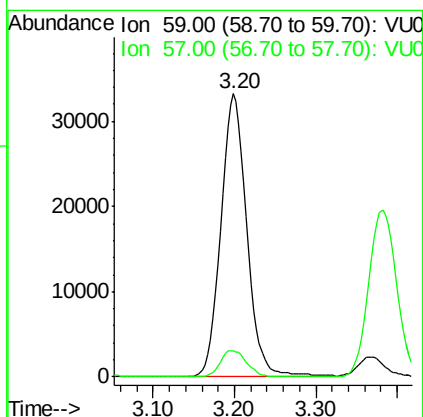
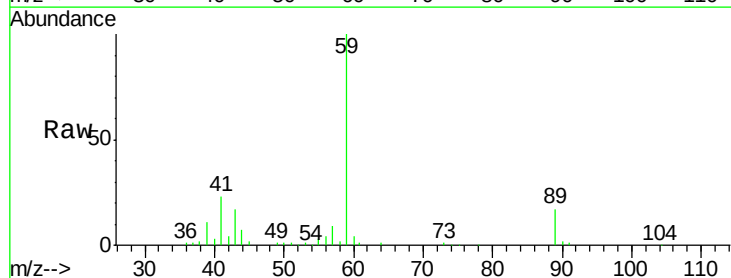
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

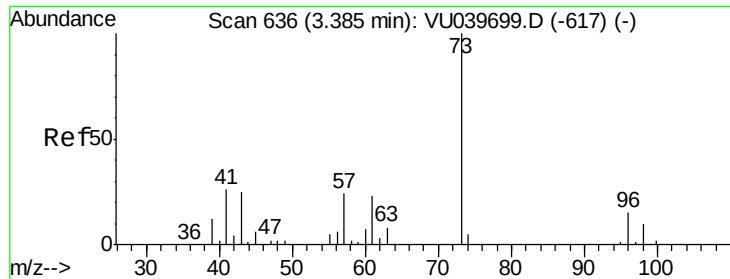
Tgt Ion: 59 Resp: 60566
Ion Ratio Lower Upper
59 100
45 76.2 61.5 92.3
74 68.1 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 90.998 ug/l
RT: 3.20 min Scan# 578
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

Tgt Ion: 59 Resp: 74815
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.6

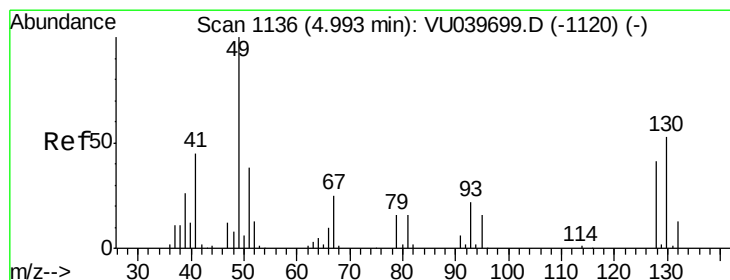
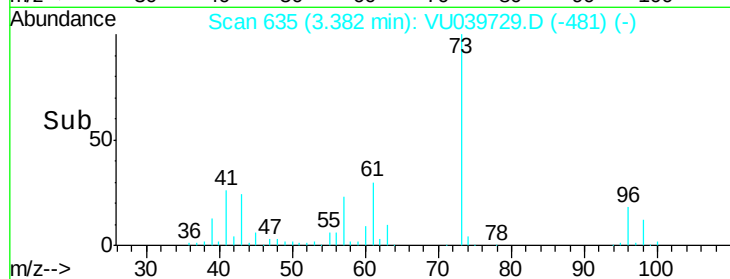
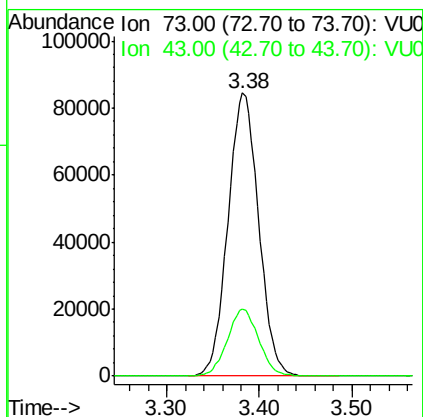
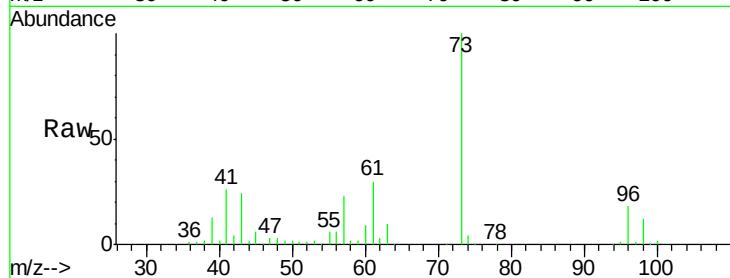




#25
Methyl tert-Butyl Ether
Concen: 8.868 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

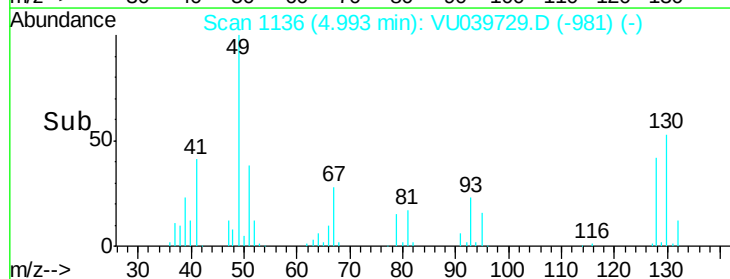
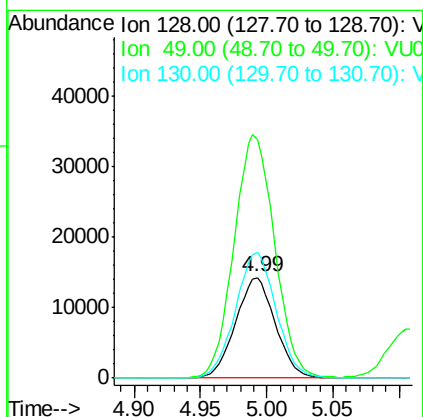
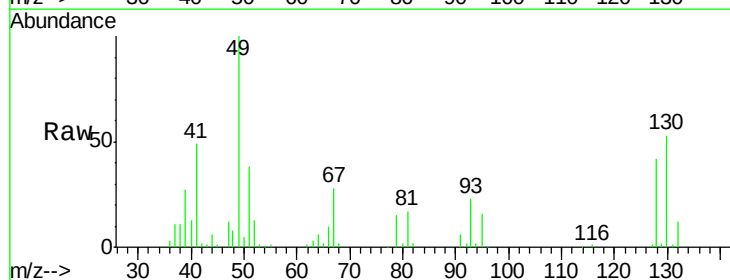
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

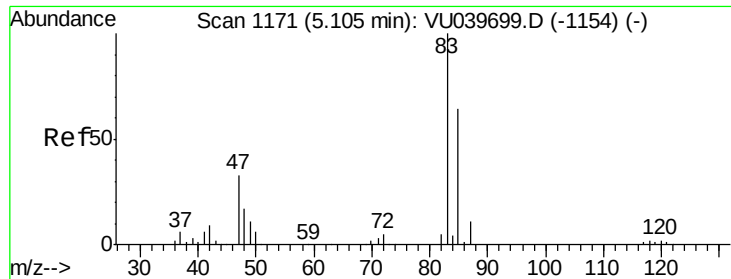
Tgt Ion: 73 Resp: 193863
Ion Ratio Lower Upper
73 100
43 24.3 20.1 30.1



#26
Bromochloromethane
Concen: 8.822 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

Tgt Ion: 128 Resp: 29635
Ion Ratio Lower Upper
128 100
49 247.7 0.0 503.8
130 128.2 102.7 154.1

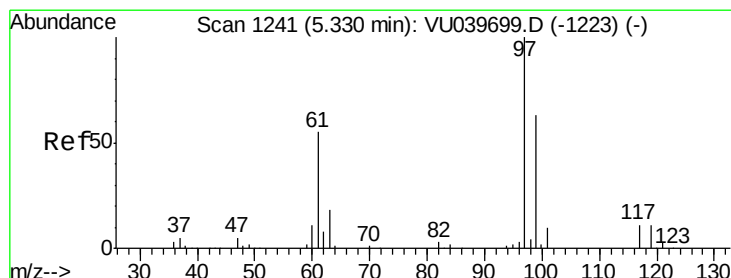
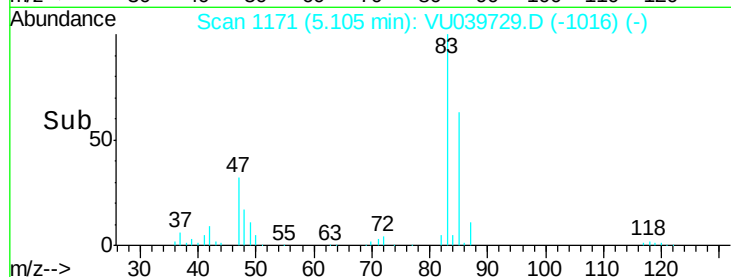
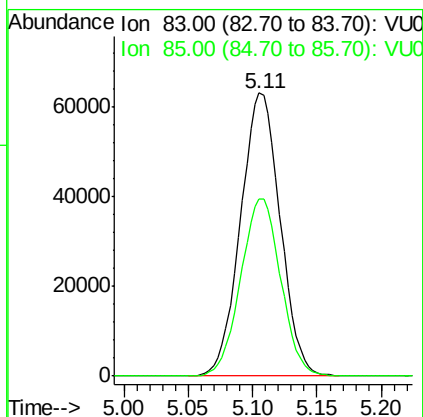
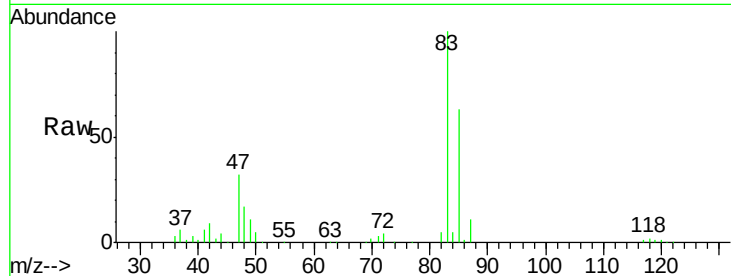




#27
Chloroform
Concen: 8.623 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

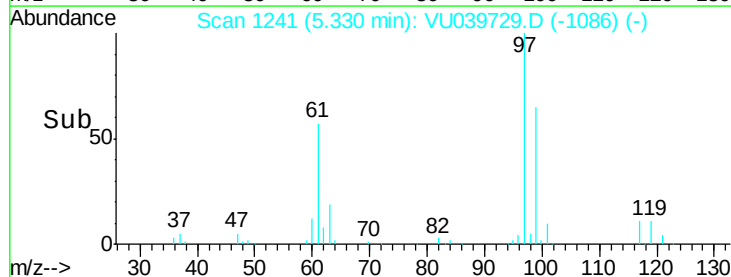
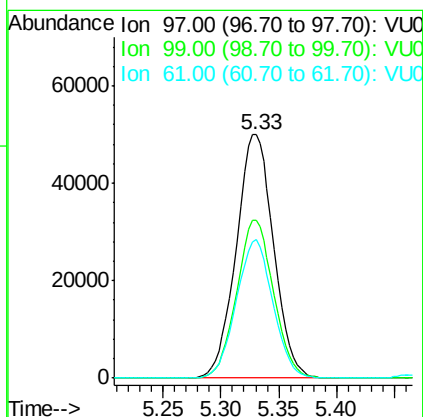
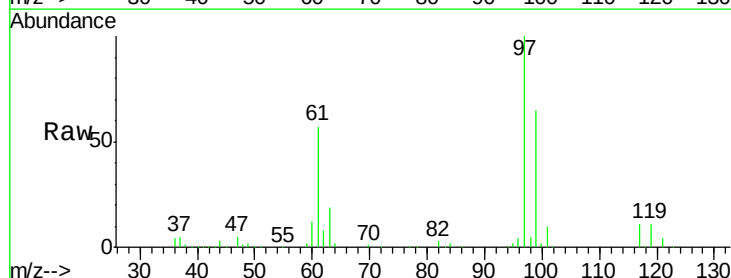
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

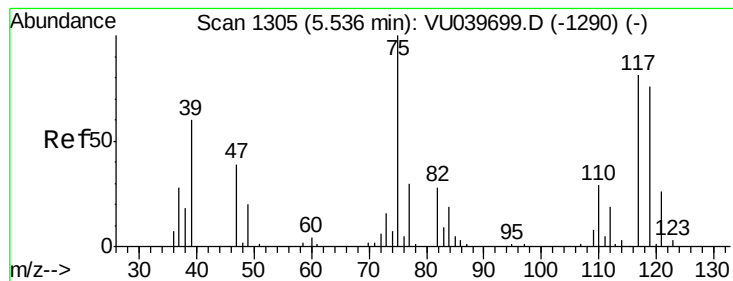
Tgt Ion: 83 Resp: 134991
Ion Ratio Lower Upper
83 100
85 62.7 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 8.826 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

Tgt Ion: 97 Resp: 111796
Ion Ratio Lower Upper
97 100
99 64.0 32.2 96.6
61 55.8 28.3 85.0





#29

1,1-Dichloropropene

Concen: 8.828 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

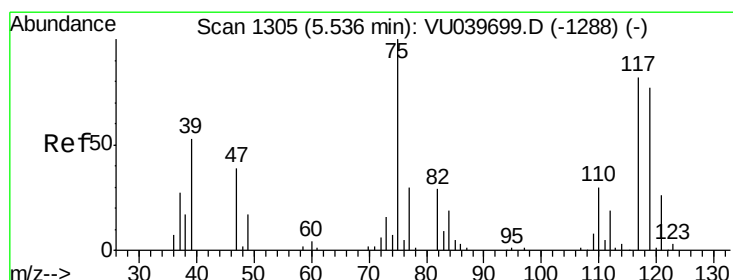
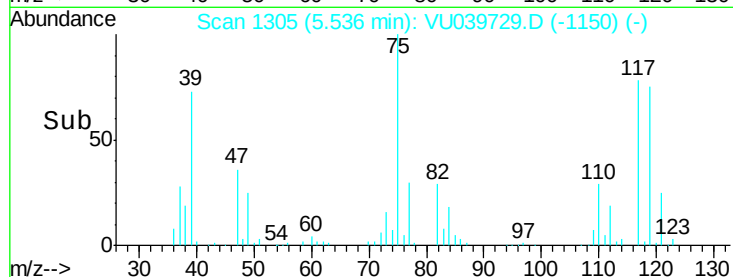
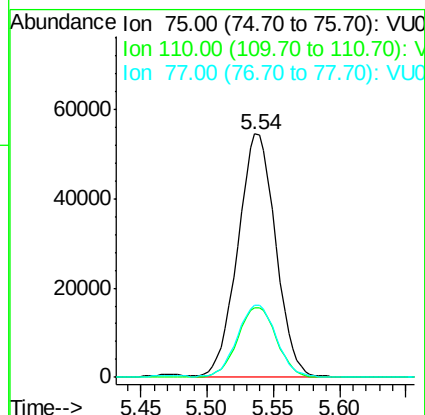
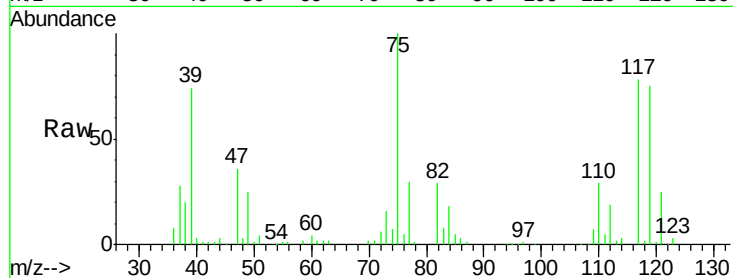
Tgt Ion: 75 Resp: 107687

Ion Ratio Lower Upper

75 100

110 29.6 14.6 44.0

77 29.8 25.0 37.4



#30

Carbon Tetrachloride

Concen: 8.877 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

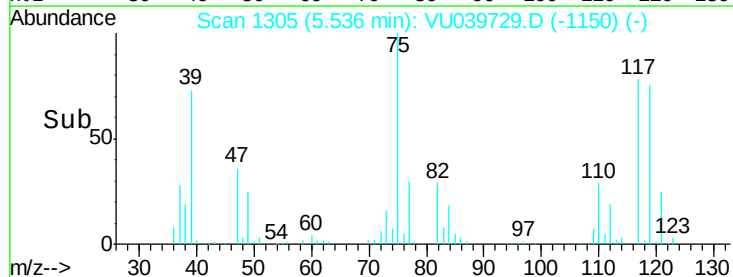
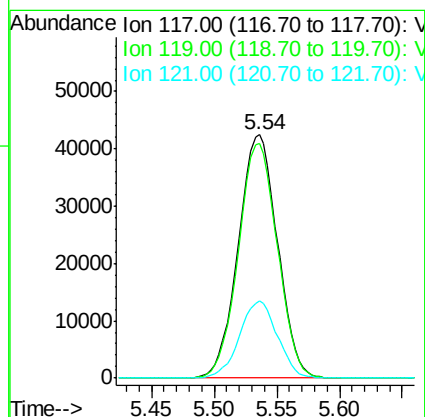
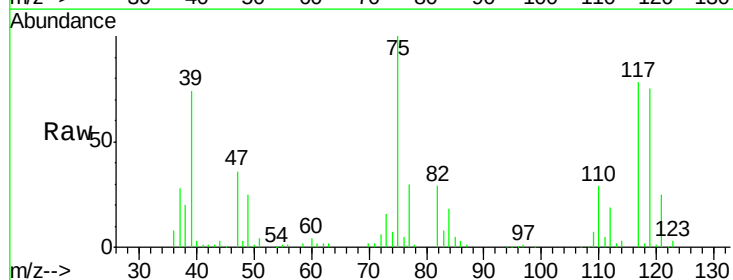
Tgt Ion: 117 Resp: 91943

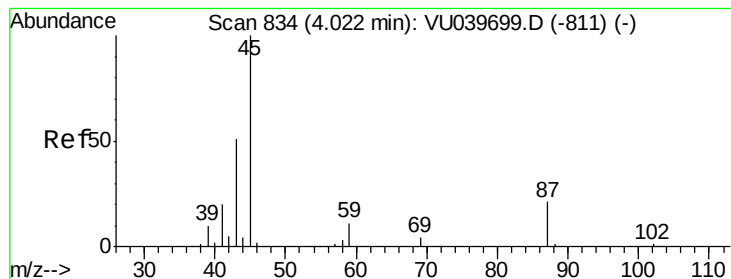
Ion Ratio Lower Upper

117 100

119 96.4 75.2 112.8

121 31.7 25.4 38.2





#31

Isopropyl Ether

Concen: 8.713 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

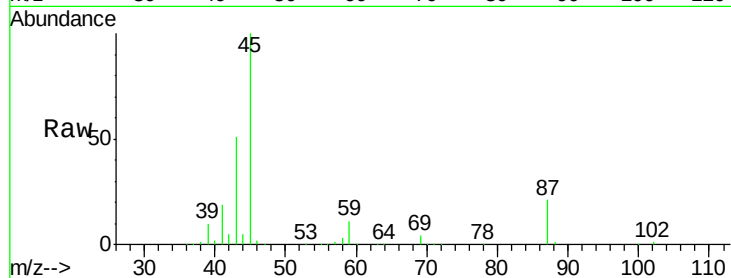
VSTDCCC010

Tgt Ion: 45 Resp: 265821

Ion Ratio Lower Upper

45 100

43 52.6 26.5 79.4



Abundance Ion 45.00 (44.70 to 45.70): VU039729.D (-833) (-)

Ion 43.00 (42.70 to 43.70): VU039729.D (-833) (-)

120000

100000

80000

60000

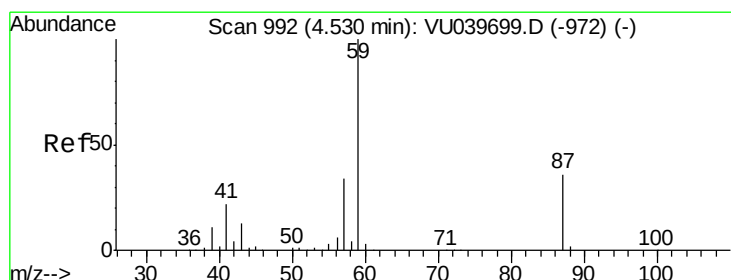
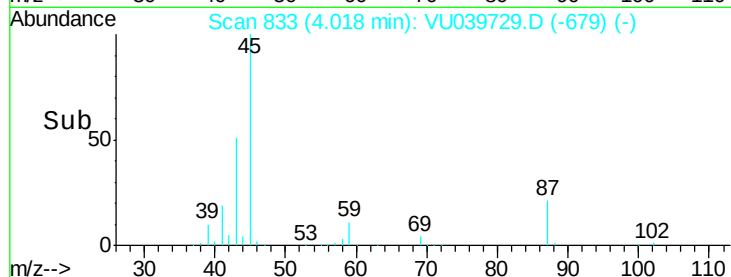
40000

20000

0

3.90 4.00 4.10

Time-->



#32

Ethyl-t-butyl ether

Concen: 8.663 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039729.D

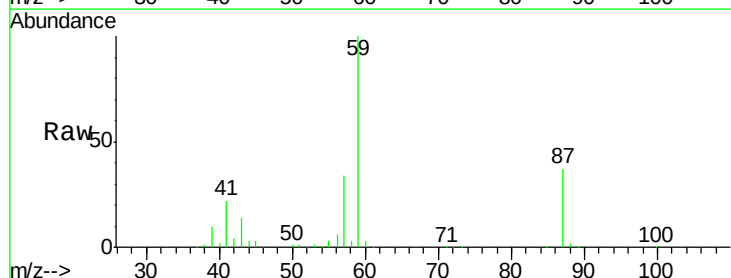
Acq: 31 Jul 2020 11:14

Tgt Ion: 59 Resp: 224915

Ion Ratio Lower Upper

59 100

87 37.4 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039729.D (-992) (-)

Ion 87.00 (86.70 to 87.70): VU039729.D (-992) (-)

100000

80000

60000

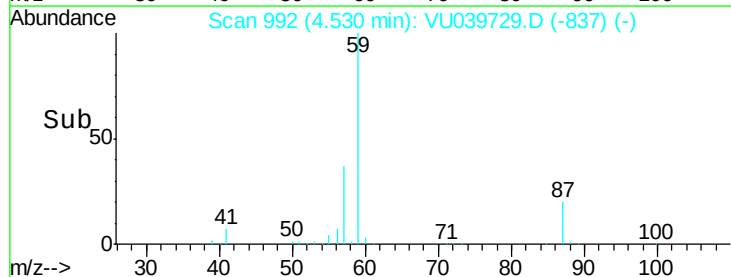
40000

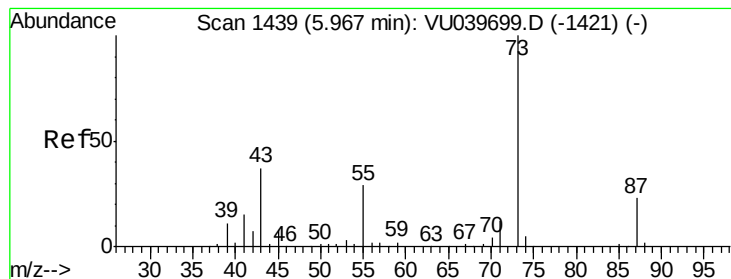
20000

0

4.40 4.50 4.60

Time-->



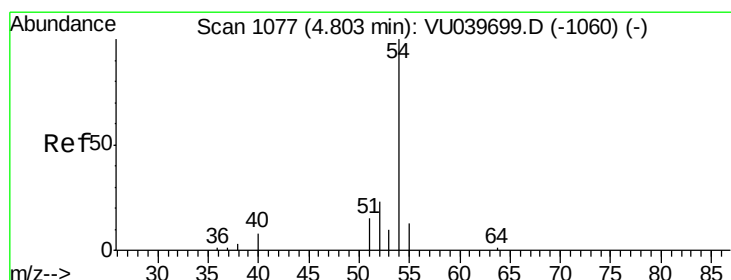
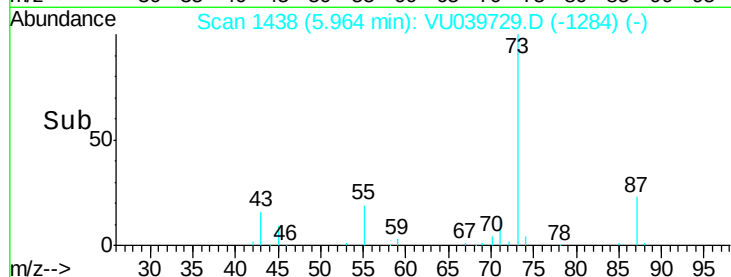
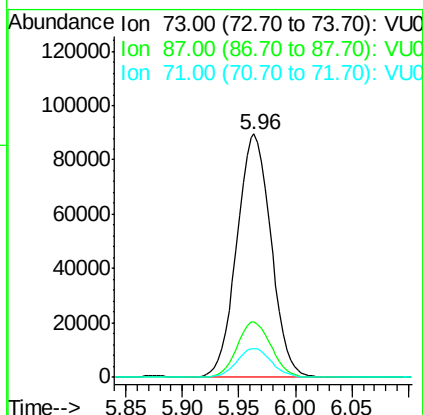
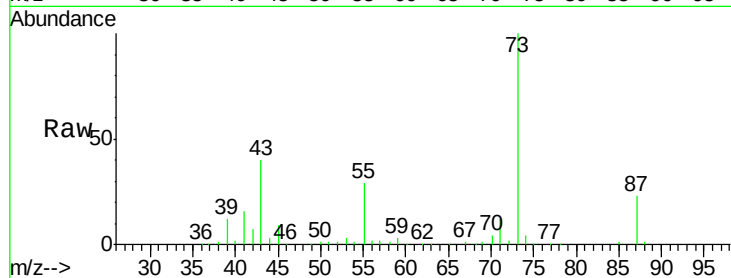


#33

Tert-Amyl methyl ether
 Concen: 10.040 ug/l
 RT: 5.96 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

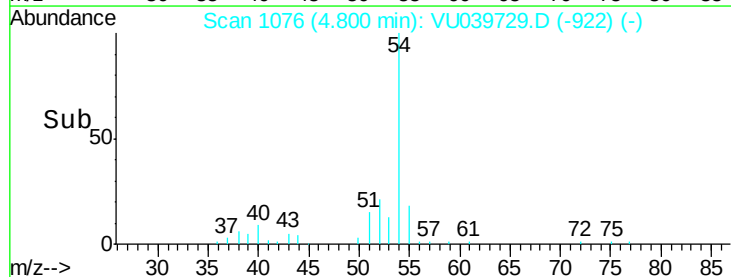
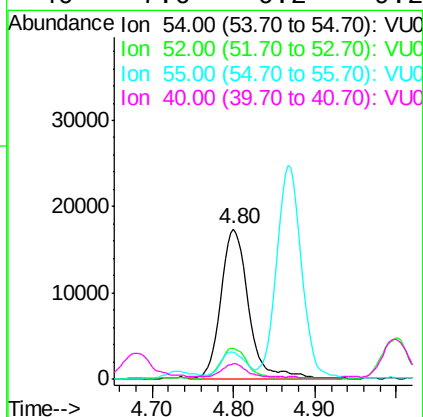
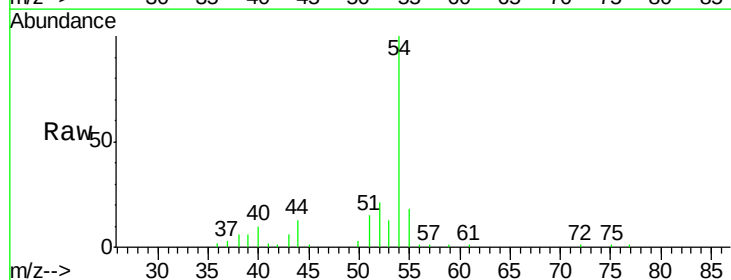
Tgt Ion: 73 Resp: 187930
 Ion Ratio Lower Upper
 73 100
 87 22.7 18.7 28.1
 71 11.9 9.1 13.7

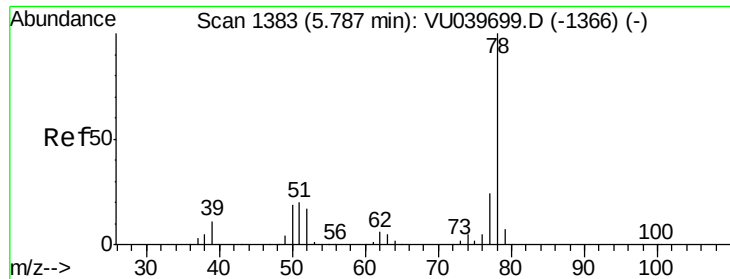


#34

Propionitrile
 Concen: 46.020 ug/l
 RT: 4.80 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion: 54 Resp: 42244
 Ion Ratio Lower Upper
 54 100
 52 19.9 16.9 25.3
 55 15.9 12.9 19.3
 40 7.6 6.2 9.2





#35

Benzene

Concen: 9.705 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

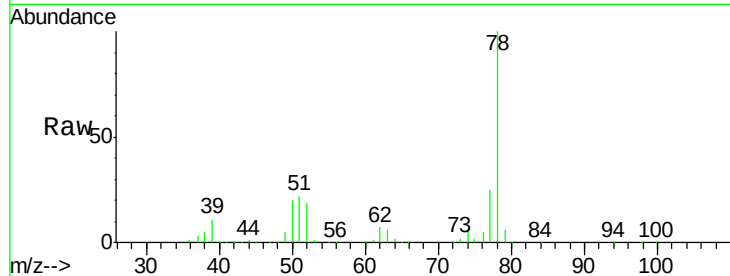
VSTDCCC010

Tgt Ion: 78 Resp: 292824

Ion Ratio Lower Upper

78 100

77 24.9 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039729.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU039729.D (-1228) (-)

5.79

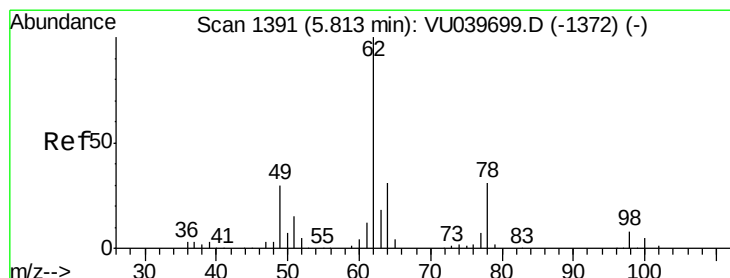
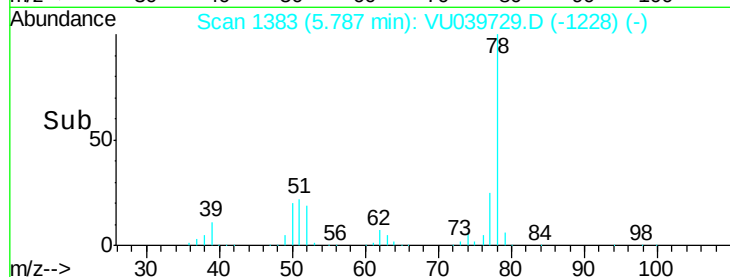
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.619 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039729.D

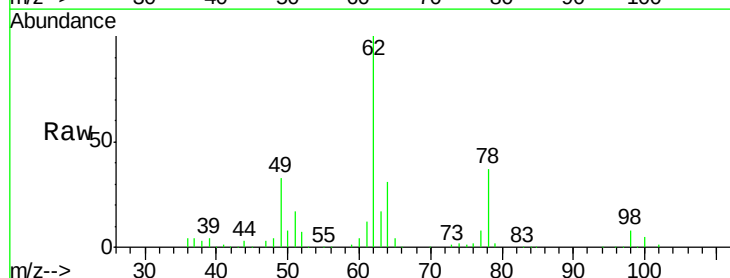
Acq: 31 Jul 2020 11:14

Tgt Ion: 62 Resp: 108796

Ion Ratio Lower Upper

62 100

98 7.4 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039729.D (-1236) (-)

Ion 98.00 (97.70 to 98.70): VU039729.D (-1236) (-)

5.81

60000

50000

40000

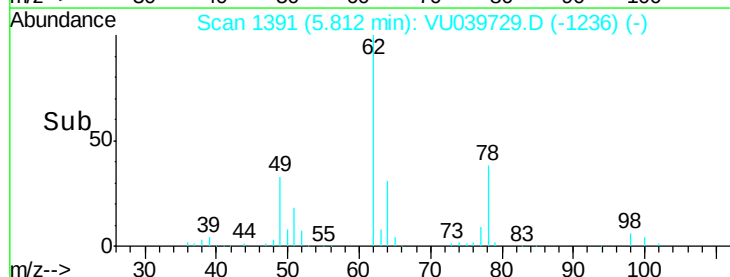
30000

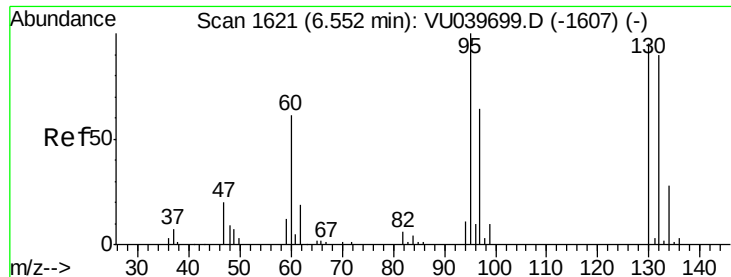
20000

10000

0

Time-->

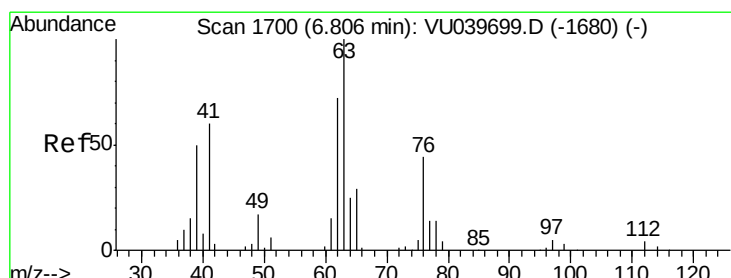
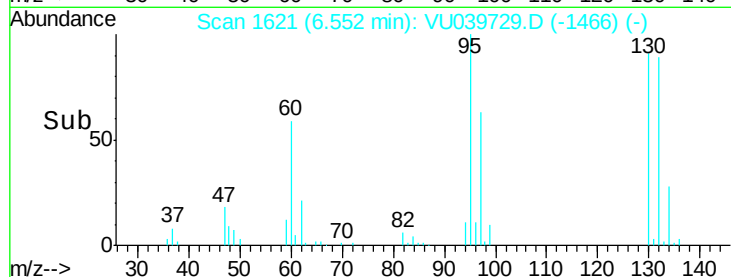
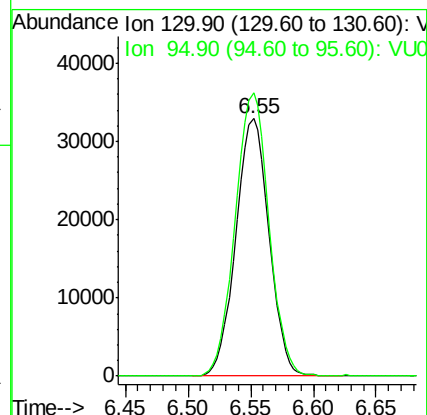
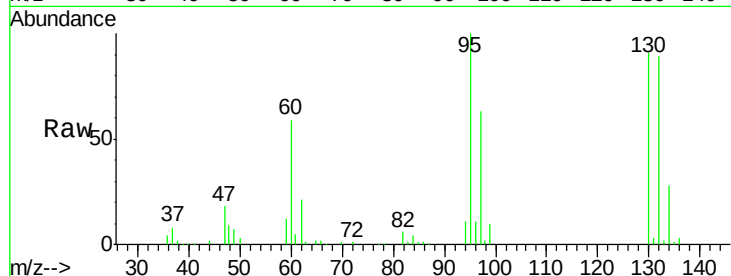




#37
 Trichloroethene
 Concen: 8.803 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

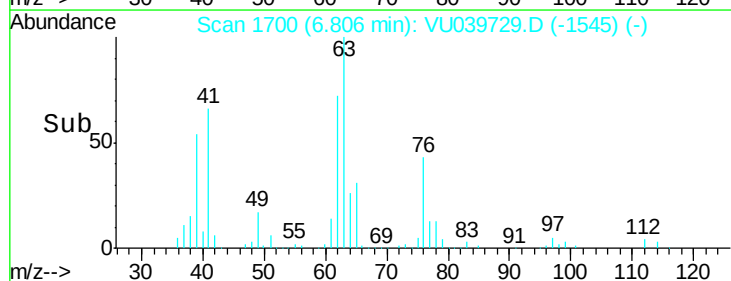
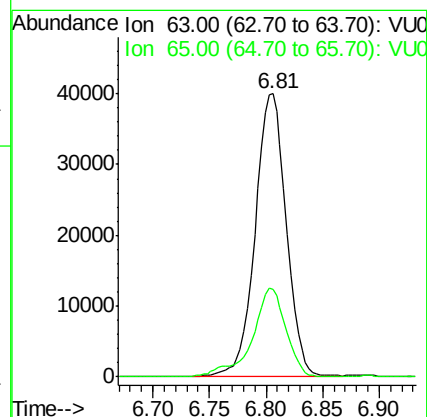
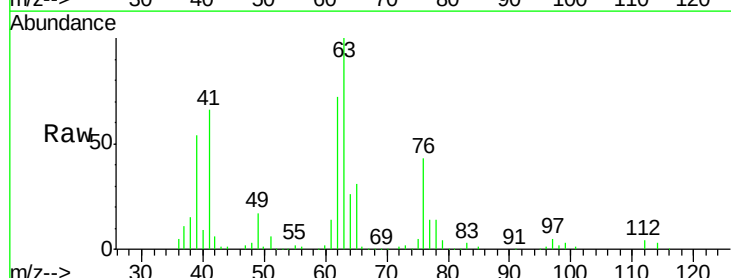
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

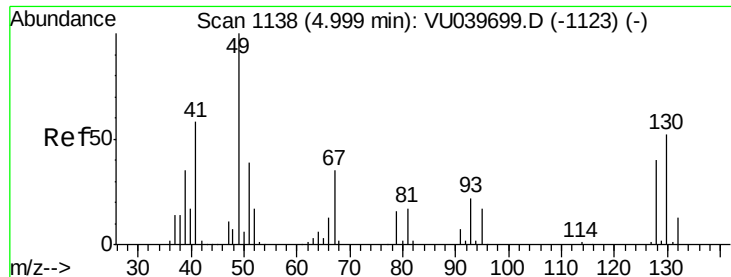
Tgt Ion:130 Resp: 60768
 Ion Ratio Lower Upper
 130 100
 95 109.8 84.3 126.5



#38
 1,2-Dichloropropane
 Concen: 9.191 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion: 63 Resp: 76431
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.8 35.6

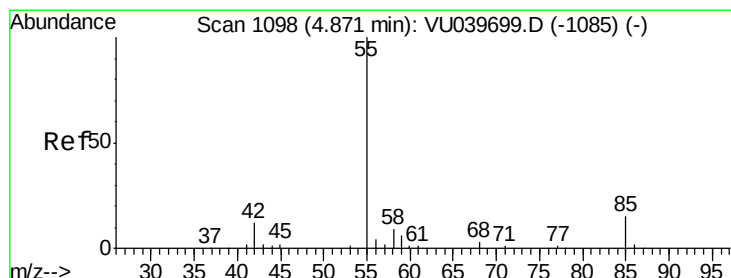
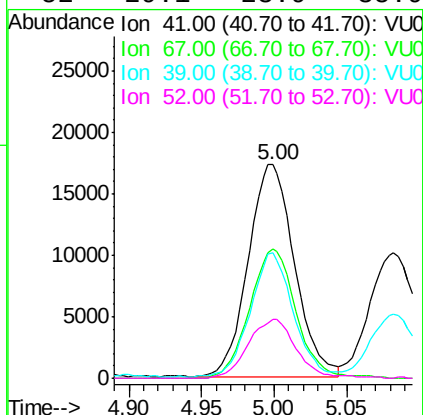
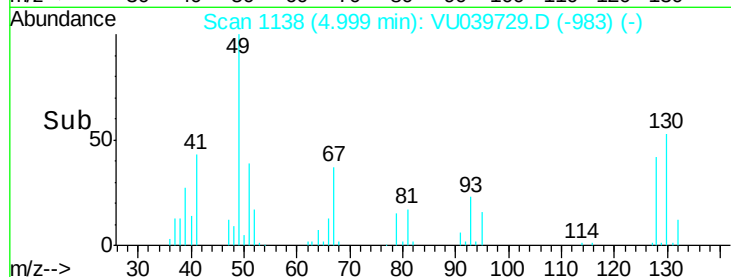
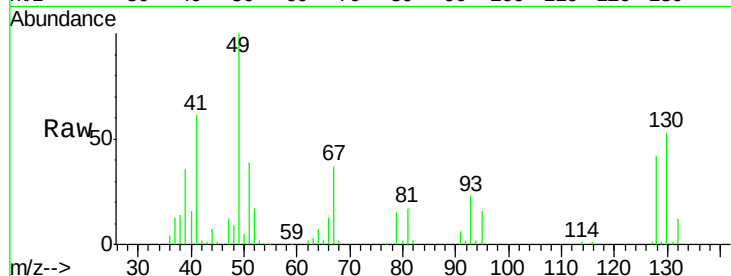




#39
Methacrylonitrile
Concen: 7.887 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

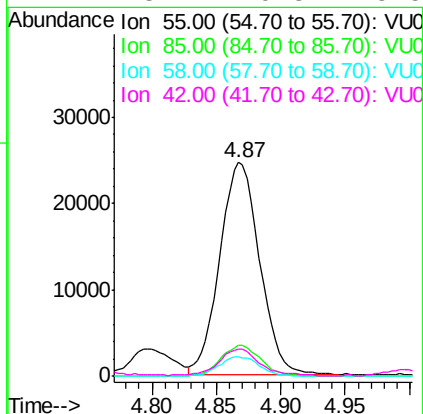
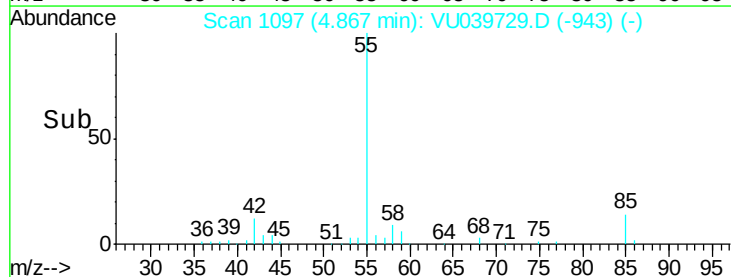
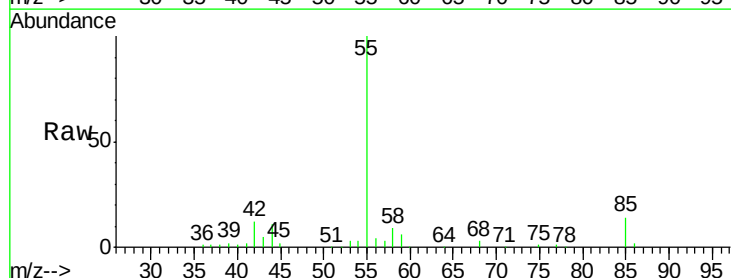
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

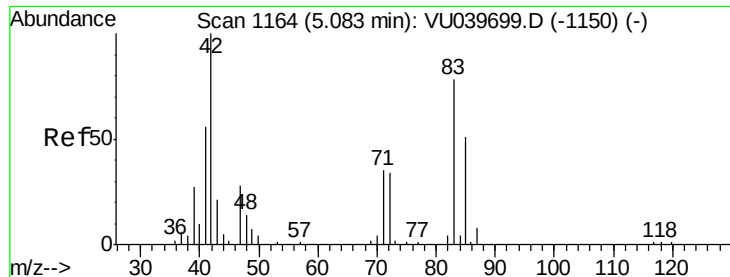
Tgt Ion:	41	Resp:	38155
Ion	Ratio	Lower	Upper
41	100		
67	61.5	48.3	72.5
39	53.9	47.6	71.4
52	29.1	23.9	35.9



#40
Methyl acrylate
Concen: 8.462 ug/l
RT: 4.87 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VU039729.D
Acq: 31 Jul 2020 11:14

Tgt Ion:	55	Resp:	52786
Ion	Ratio	Lower	Upper
55	100		
85	14.4	11.4	17.0
58	8.9	7.4	11.0
42	13.1	10.3	15.5





#41

Tetrahydrofuran

Concen: 15.693 ug/l

RT: 5.08 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

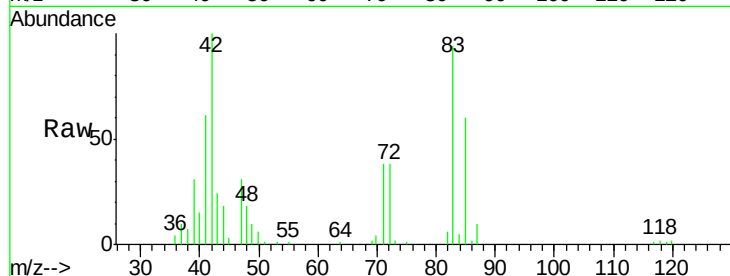
Tgt Ion: 42 Resp: 38194

Ion Ratio Lower Upper

42 100

72 38.8 31.0 46.6

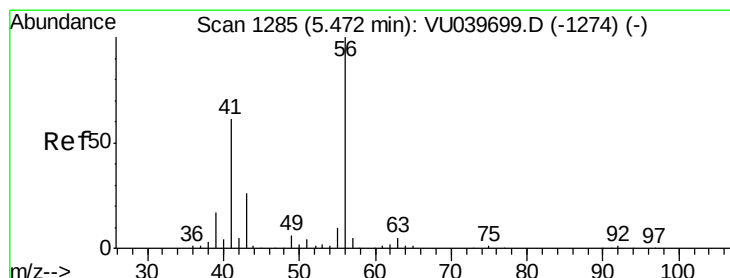
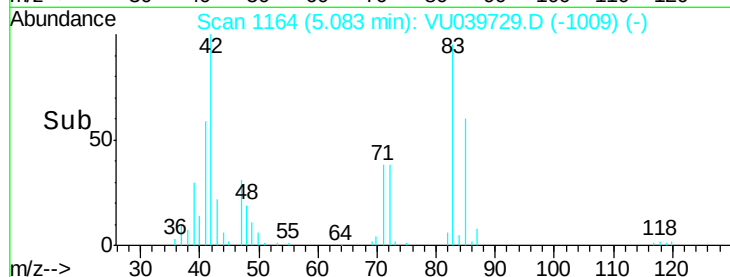
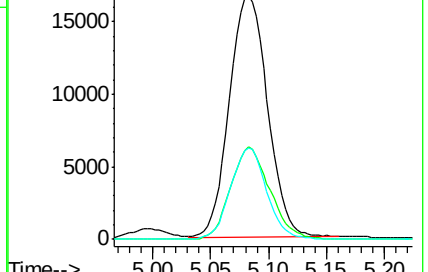
71 35.6 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU039729.D (-1009) (-)

Ion 72.00 (71.70 to 72.70): VU039729.D (-1009) (-)

Ion 71.00 (70.70 to 71.70): VU039729.D (-1009) (-)



#42

1-Chlorobutane

Concen: 8.871 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039729.D

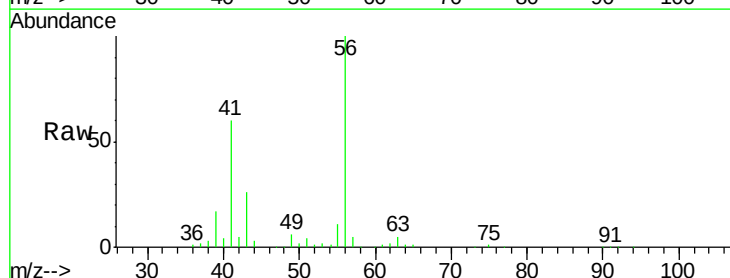
Acq: 31 Jul 2020 11:14

Tgt Ion: 56 Resp: 169835

Ion Ratio Lower Upper

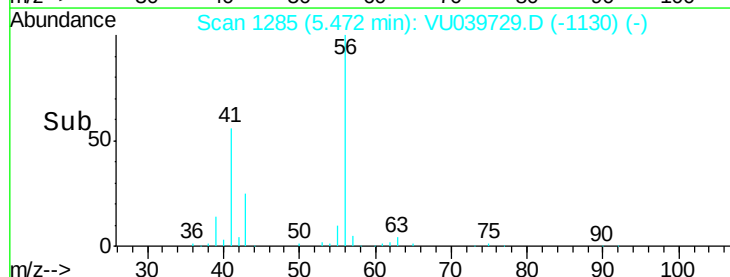
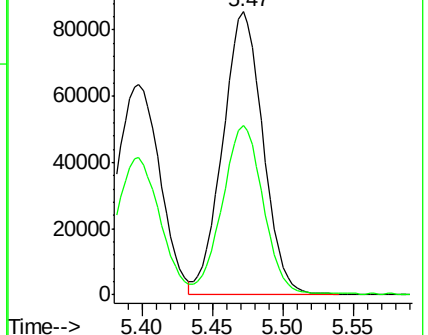
56 100

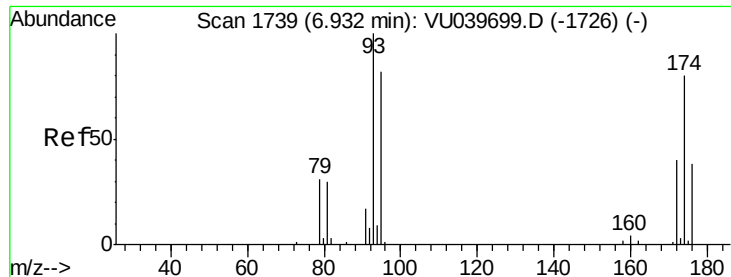
41 59.8 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039729.D (-1130) (-)

Ion 41.00 (40.70 to 41.70): VU039729.D (-1130) (-)





#43

Dibromomethane

Concen: 8.725 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

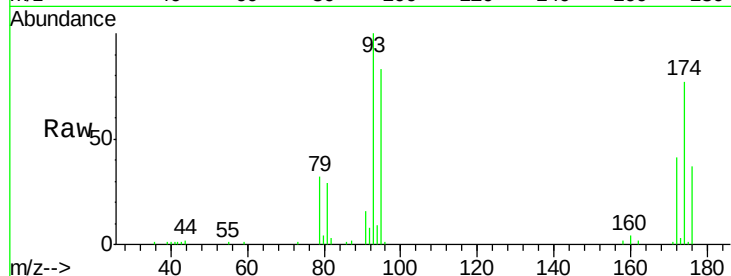
Tgt Ion: 93 Resp: 39044

Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

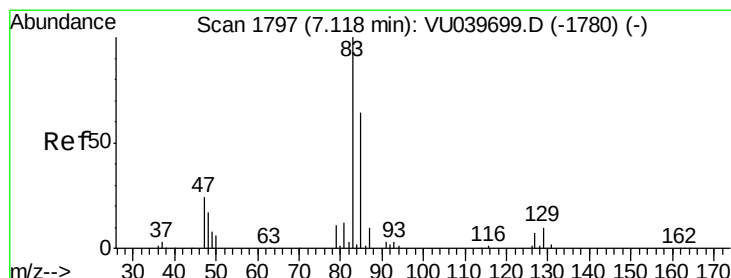
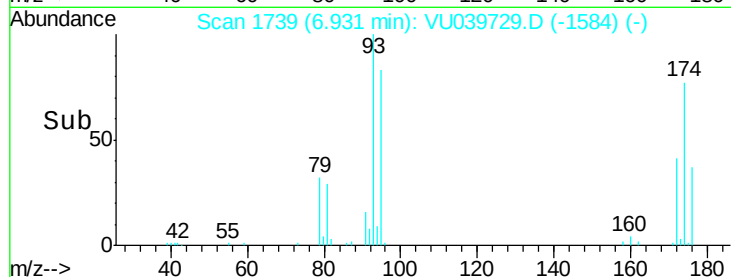
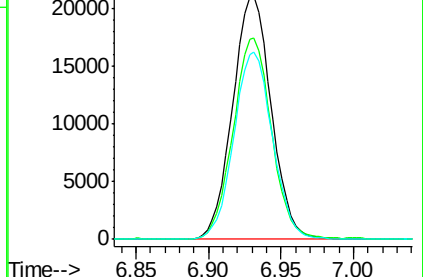
174 76.8 62.7 94.1



Abundance Ion 93.00 (92.70 to 93.70): VU039729.D (-1584) (-)

Ion 95.00 (94.70 to 95.70): VU039729.D (-1584) (-)

Ion 174.00 (173.70 to 174.70): VU039729.D (-1584) (-)



#44

Bromodichloromethane

Concen: 8.977 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

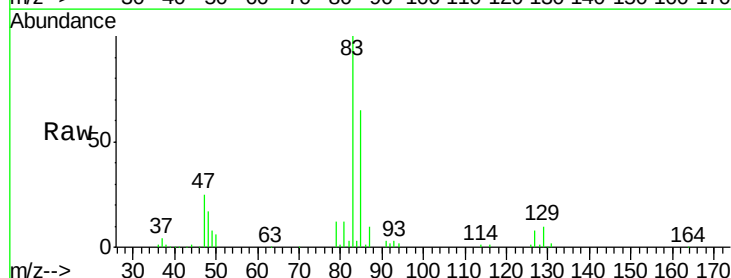
Tgt Ion: 83 Resp: 92107

Ion Ratio Lower Upper

83 100

85 65.3 50.8 76.2

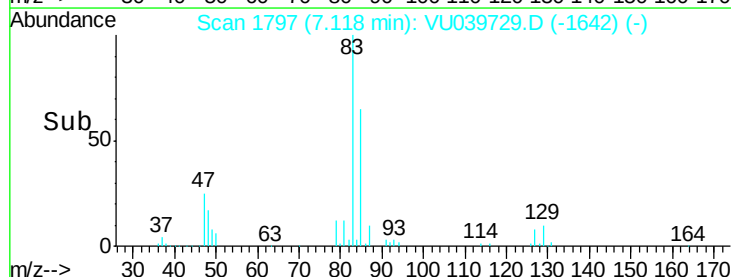
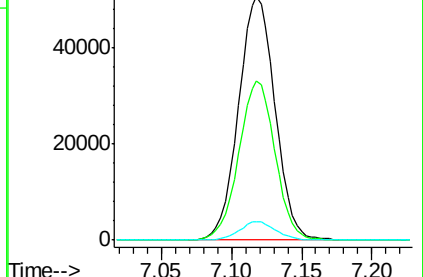
127 7.7 5.8 8.6

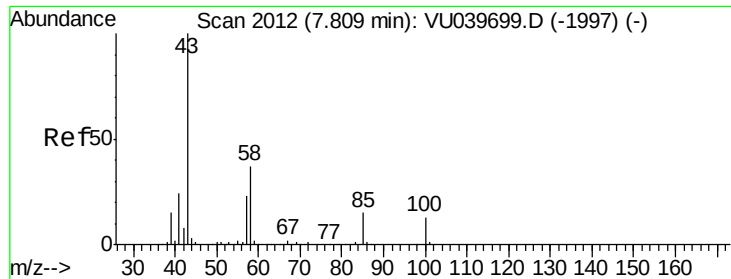


Abundance Ion 83.00 (82.70 to 83.70): VU039729.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU039729.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU039729.D (-1642) (-)

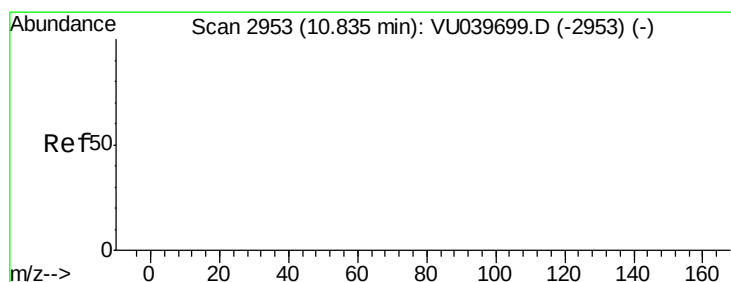
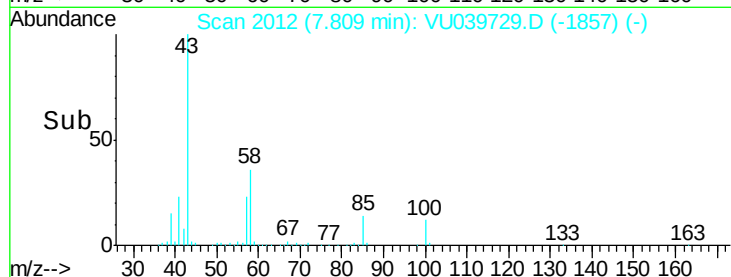
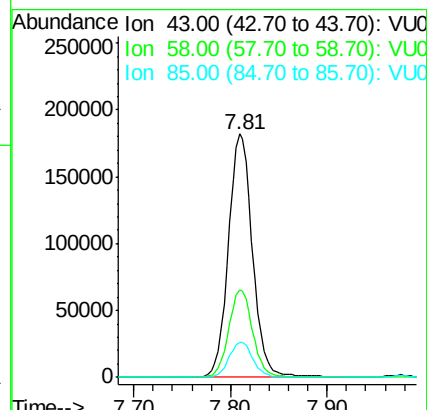
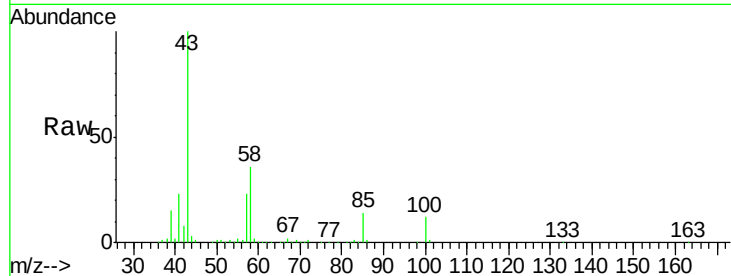




#45
 4-Methyl-2-Pentanone
 Concen: 46.393 ug/l
 RT: 7.81 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

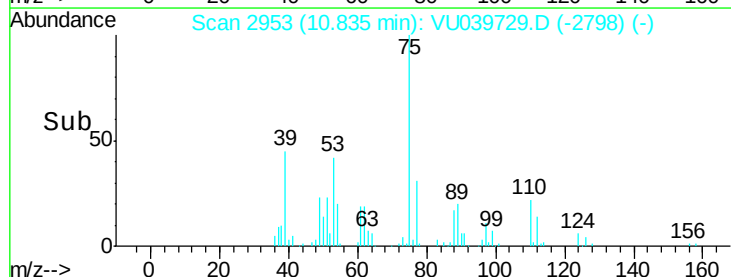
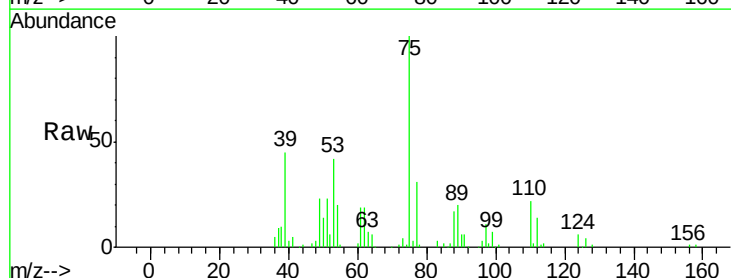
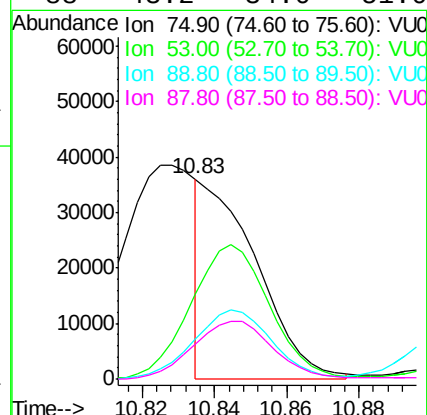
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

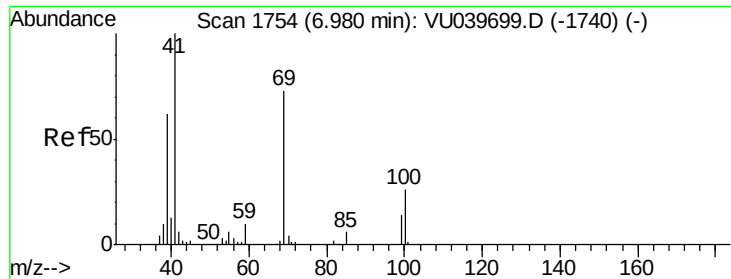
Tgt Ion: 43 Resp: 314490
 Ion Ratio Lower Upper
 43 100
 58 36.0 18.4 55.0
 85 14.4 11.8 17.6



#46
 t-1,4-Dichloro-2-butene
 Concen: 18.587 ug/l m
 RT: 10.83 min Scan# 2953
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion: 75 Resp: 37476
 Ion Ratio Lower Upper
 75 100
 53 98.1 78.6 118.0
 89 49.8 40.3 60.5
 88 43.2 34.0 51.0





#47

Methyl methacrylate

Concen: 18.812 ug/l

RT: 6.98 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 78519

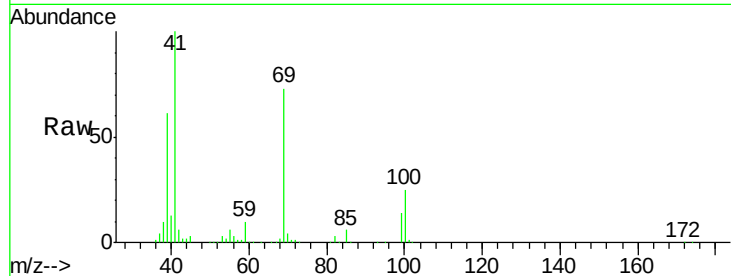
Ion Ratio Lower Upper

69 100

41 134.8 0.0 271.6

39 82.2 67.4 101.2

100 34.3 28.3 42.5

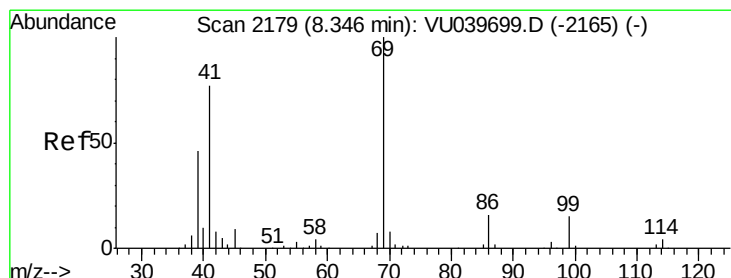
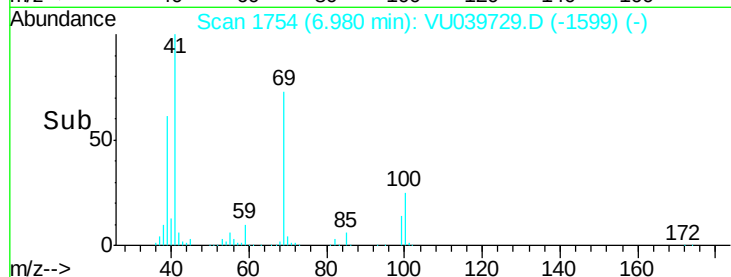
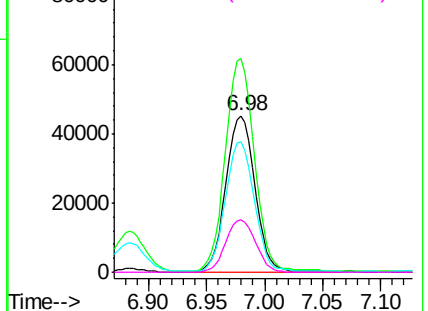


Abundance Ion 69.00 (68.70 to 69.70): VU0

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: 9.433 ug/l

RT: 8.35 min Scan# 2179

Delta R.T. -0.00 min

Lab File: VU039729.D

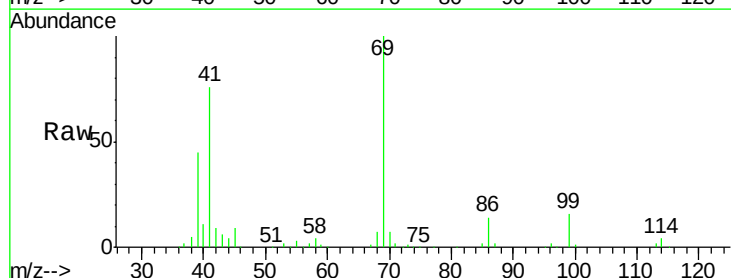
Acq: 31 Jul 2020 11:14

Tgt Ion: 69 Resp: 72467

Ion Ratio Lower Upper

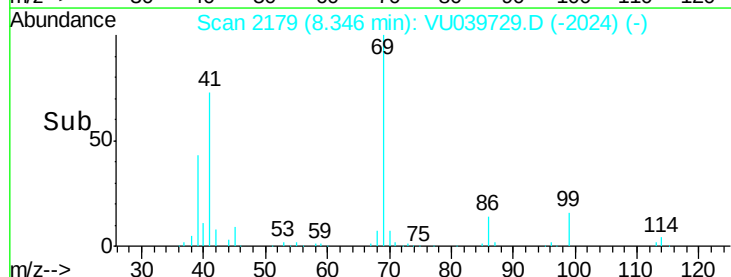
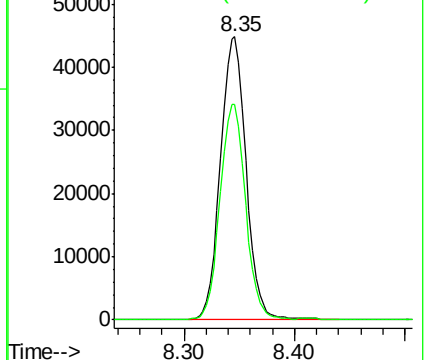
69 100

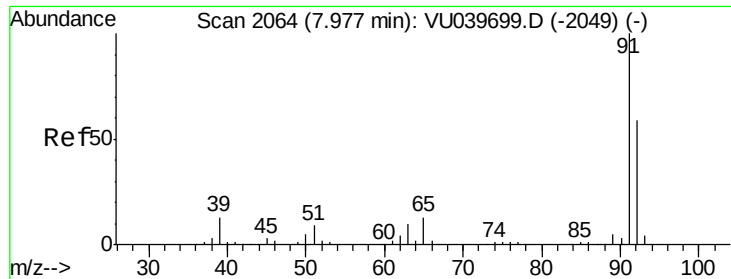
41 75.8 39.1 117.5



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 9.365 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

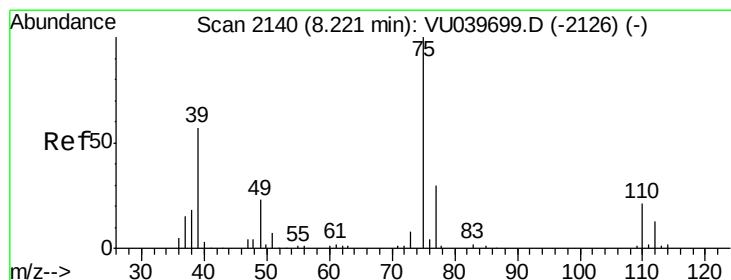
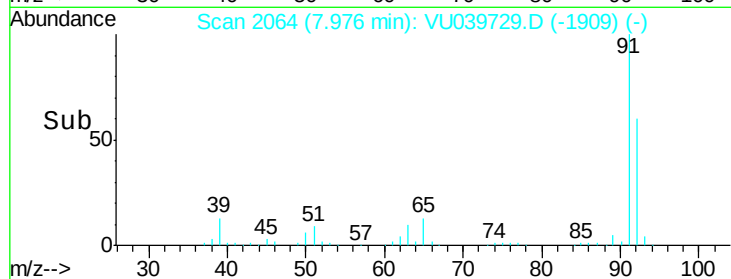
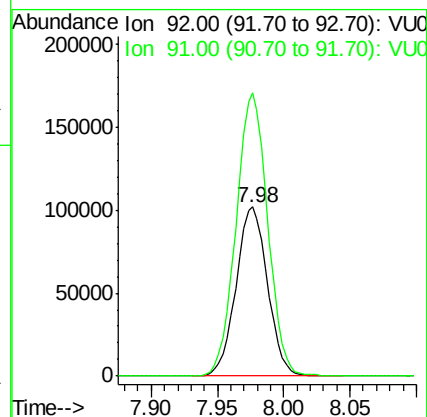
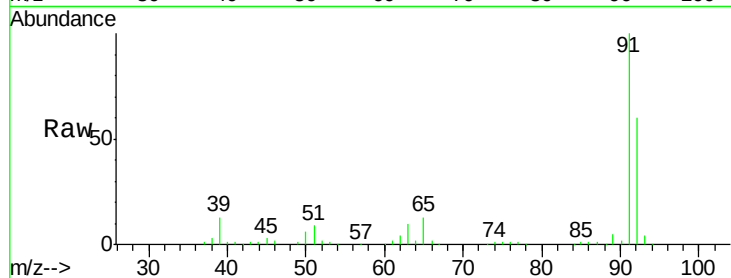
VSTDCCC010

Tgt Ion: 92 Resp: 168187

Ion Ratio Lower Upper

92 100

91 167.9 136.1 204.1



#50

t-1,3-Dichloropropene

Concen: 9.660 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039729.D

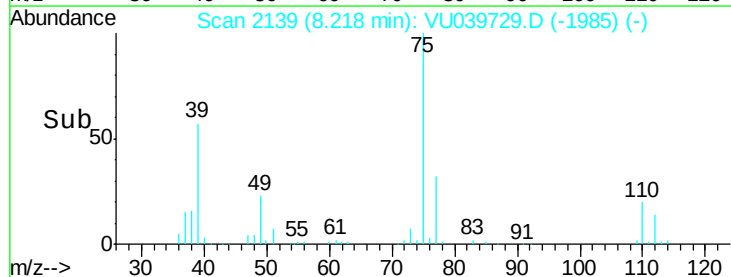
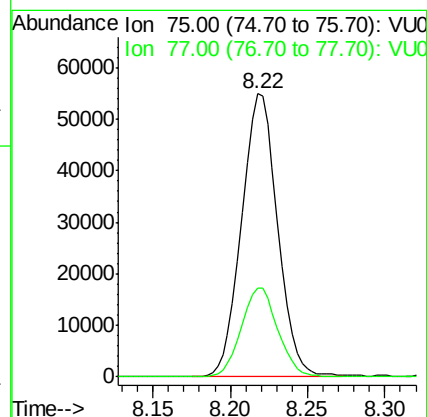
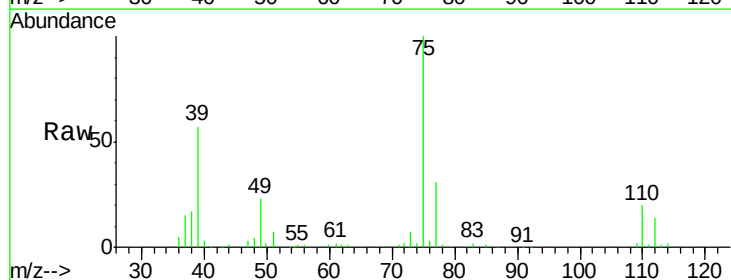
Acq: 31 Jul 2020 11:14

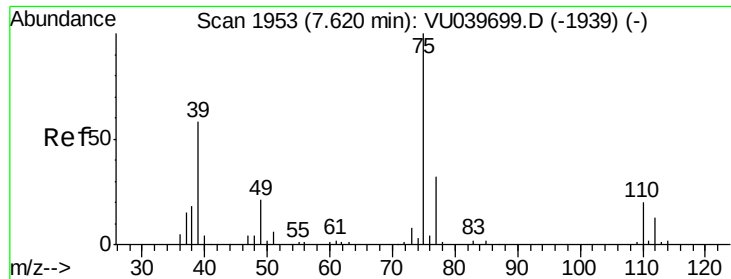
Tgt Ion: 75 Resp: 89265

Ion Ratio Lower Upper

75 100

77 31.4 24.3 36.5



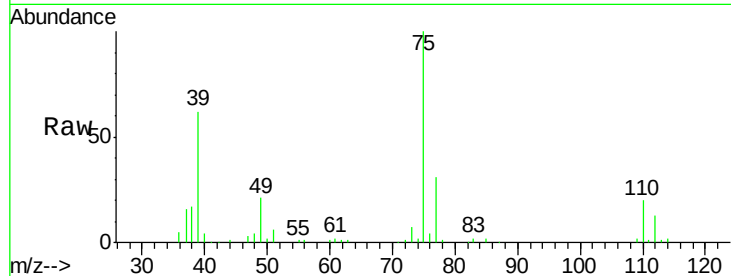


#51

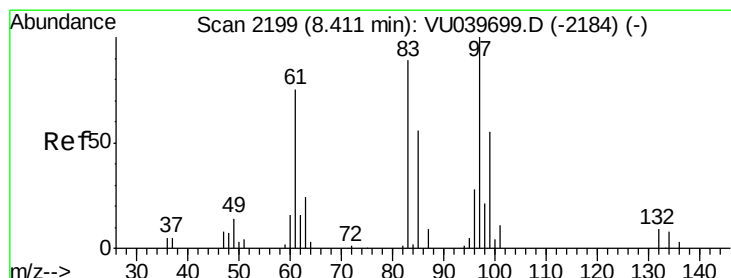
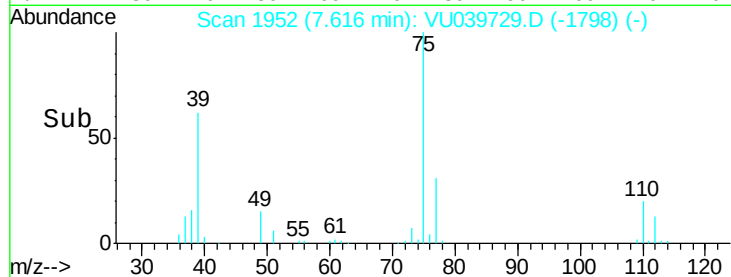
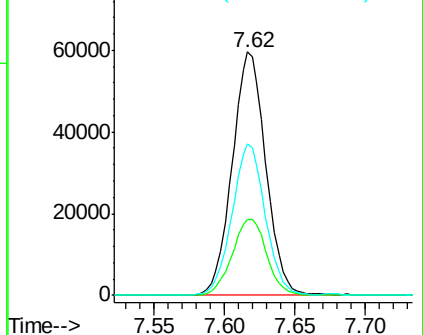
cis-1,3-Dichloropropene
 Concen: 9.154 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 99419
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5
 39 62.0 46.1 69.1



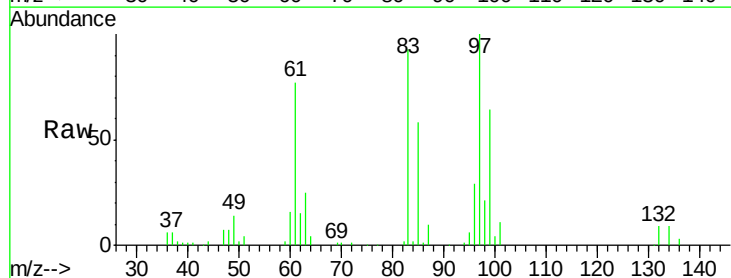
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



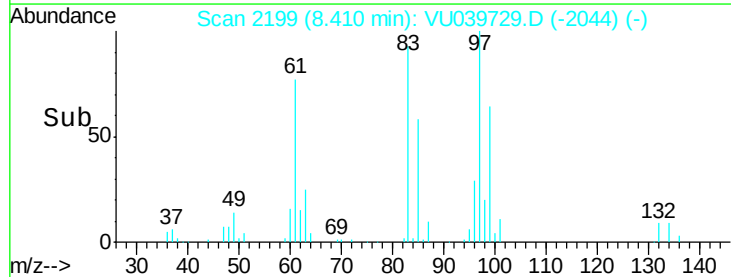
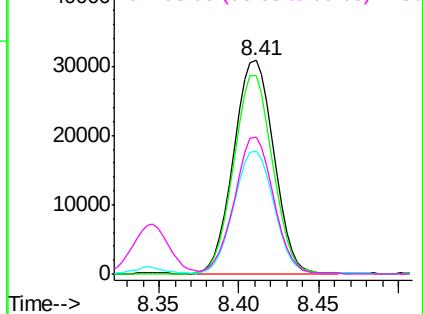
#52

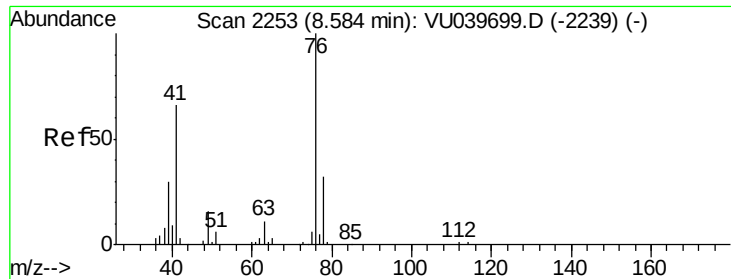
1,1,2-Trichloroethane
 Concen: 9.102 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion: 97 Resp: 52922
 Ion Ratio Lower Upper
 97 100
 83 92.9 71.3 106.9
 85 57.3 45.4 68.2
 99 63.5 49.4 74.0



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





#53

1,3-Dichloropropane

Concen: 8.974 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

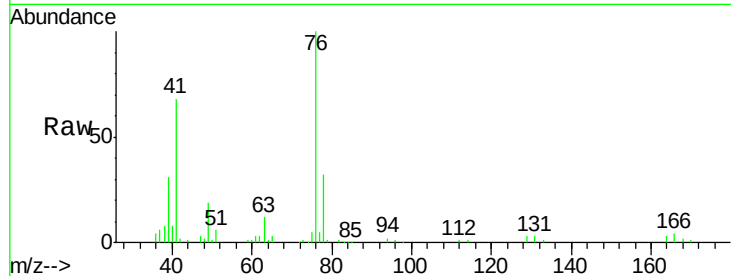
VSTDCCC010

Tgt Ion: 76 Resp: 100182

Ion Ratio Lower Upper

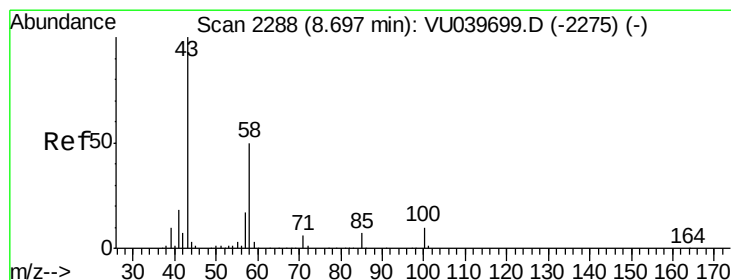
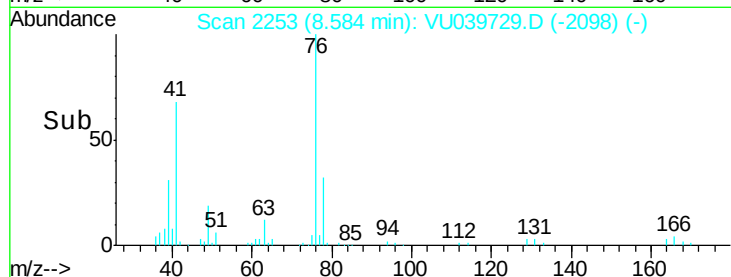
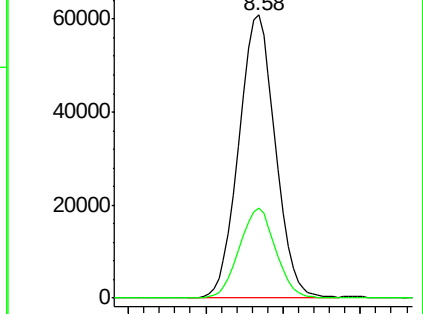
76 100

78 31.7 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU039729.D (-2098) (-)

Ion 78.00 (77.70 to 78.70): VU039729.D (-2098) (-)



#54

2-Hexanone

Concen: 47.578 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

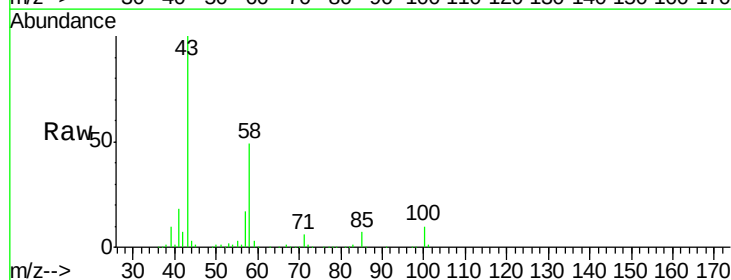
Tgt Ion: 43 Resp: 230917

Ion Ratio Lower Upper

43 100

58 49.3 29.9 69.9

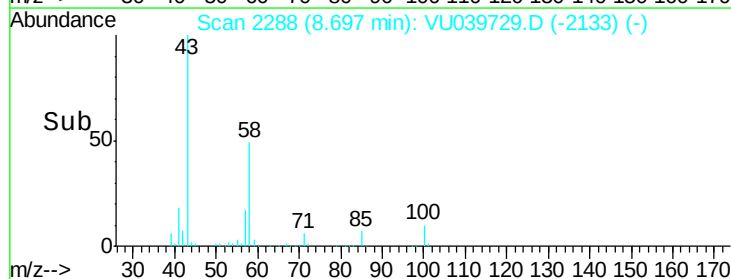
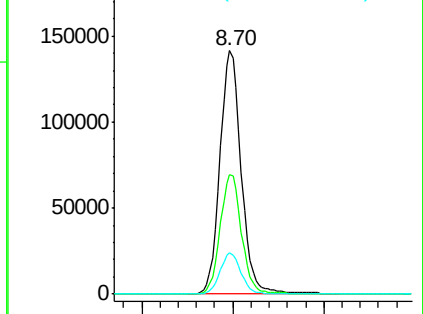
57 16.7 0.0 37.2

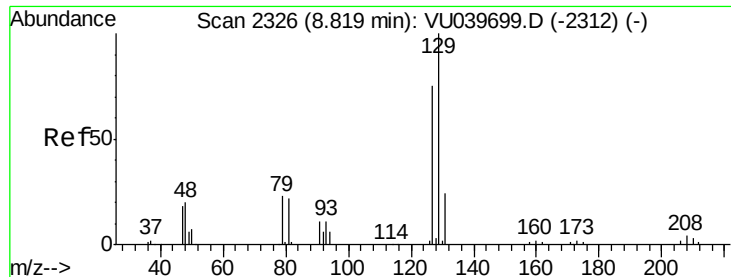


Abundance Ion 43.00 (42.70 to 43.70): VU039729.D (-2133) (-)

Ion 58.00 (57.70 to 58.70): VU039729.D (-2133) (-)

Ion 57.00 (56.70 to 57.70): VU039729.D (-2133) (-)





#55

Dibromochloromethane

Concen: 9.329 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

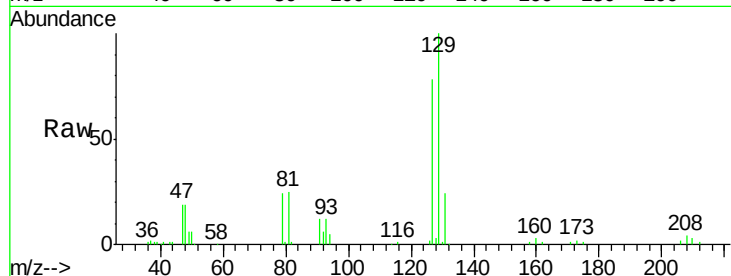
VSTDCCC010

Tgt Ion:129 Resp: 58247

Ion Ratio Lower Upper

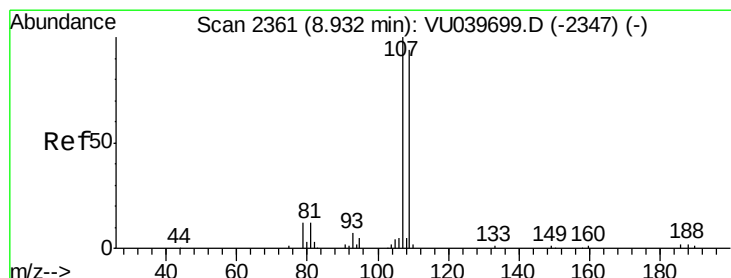
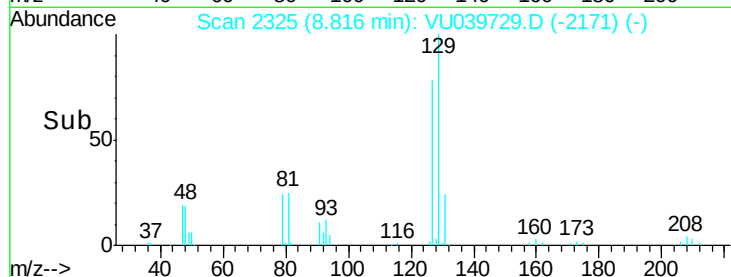
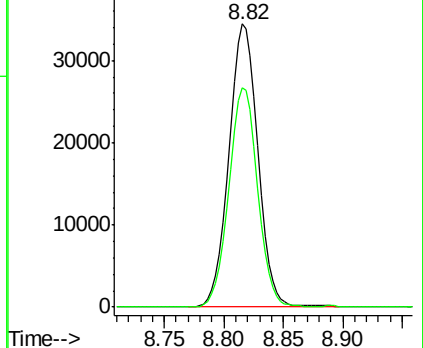
129 100

127 76.7 62.4 93.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 8.994 ug/l

RT: 8.93 min Scan# 2361

Delta R.T. -0.00 min

Lab File: VU039729.D

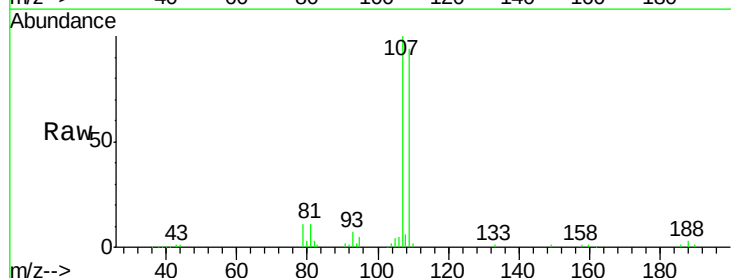
Acq: 31 Jul 2020 11:14

Tgt Ion:107 Resp: 50390

Ion Ratio Lower Upper

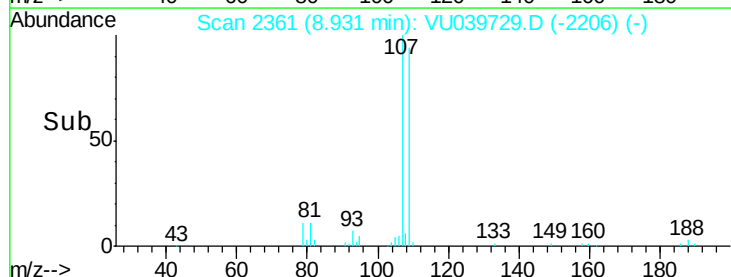
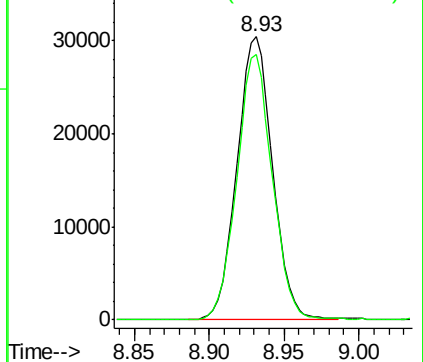
107 100

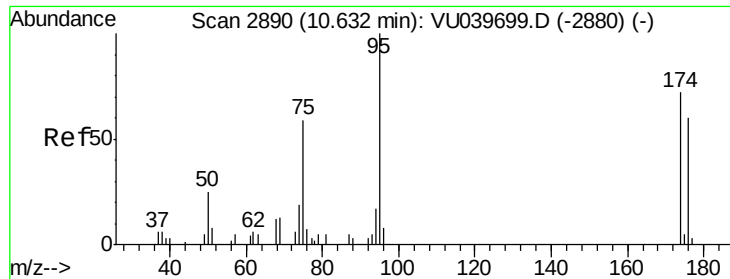
109 93.5 0.0 185.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 0.999 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

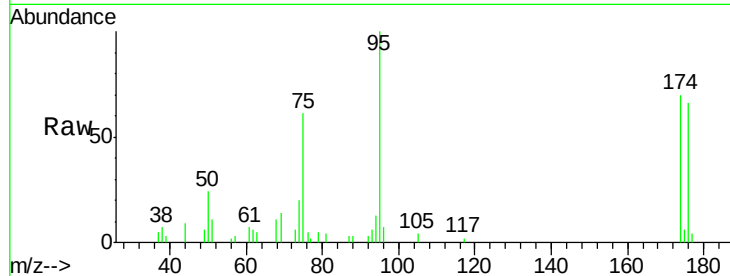
Tgt Ion: 95 Resp: 9414

Ion Ratio Lower Upper

95 100

174 74.0 57.0 85.4

176 67.3 50.2 75.2

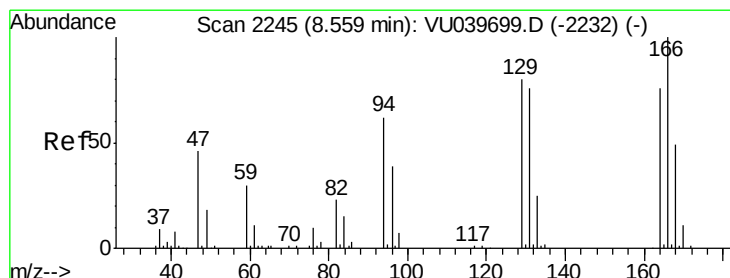
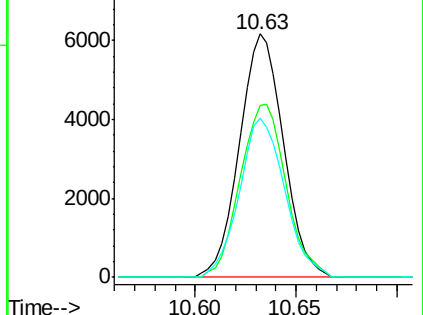
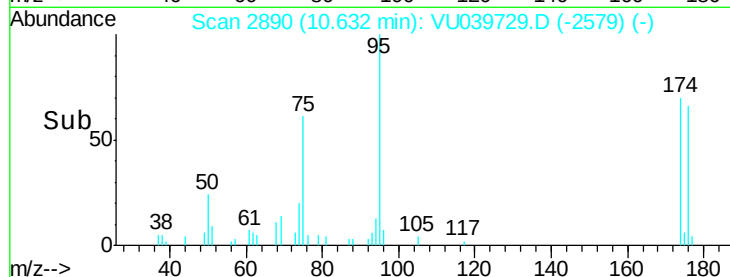


Abundance

Ion 95.00 (94.70 to 95.70): VU039729.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU039729.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU039729.D (-2579) (-)



#58

Tetrachloroethene

Concen: 9.225 ug/l

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Tgt Ion: 164 Resp: 55750

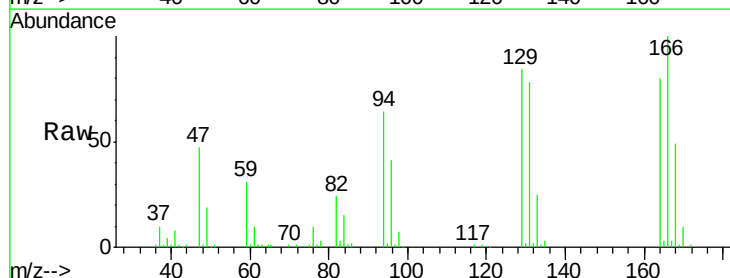
Ion Ratio Lower Upper

164 100

166 124.2 104.8 157.2

129 103.7 84.1 126.1

131 97.4 80.1 120.1



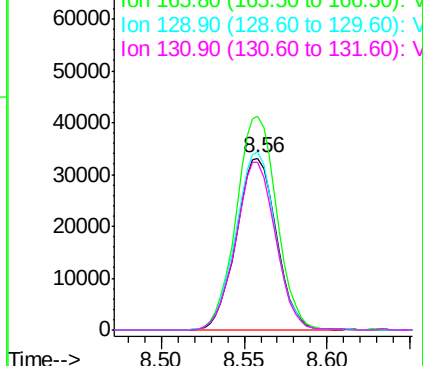
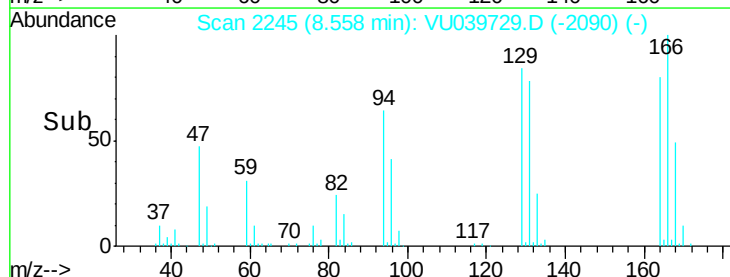
Abundance

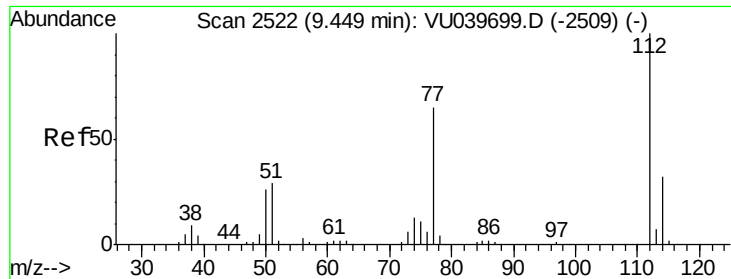
Ion 163.85 (163.55 to 164.55): VU039729.D (-2090) (-)

Ion 165.80 (165.50 to 166.50): VU039729.D (-2090) (-)

Ion 128.90 (128.60 to 129.60): VU039729.D (-2090) (-)

Ion 130.90 (130.60 to 131.60): VU039729.D (-2090) (-)





#59

Chlorobenzene

Concen: 9.203 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

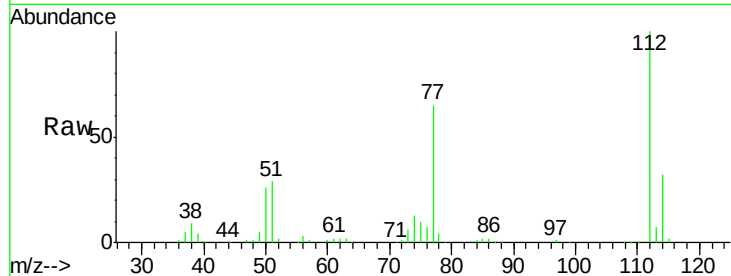
VSTDCCC010

Tgt Ion:112 Resp: 170909

Ion Ratio Lower Upper

112 100

114 32.3 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

120000

100000

80000

60000

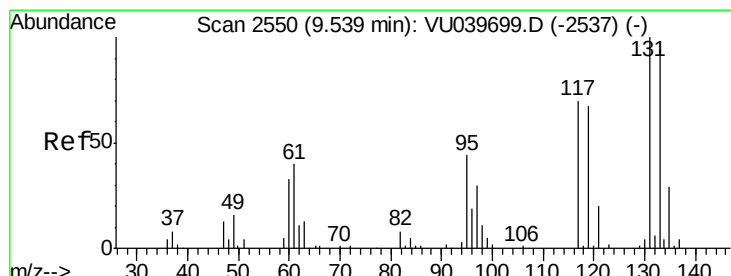
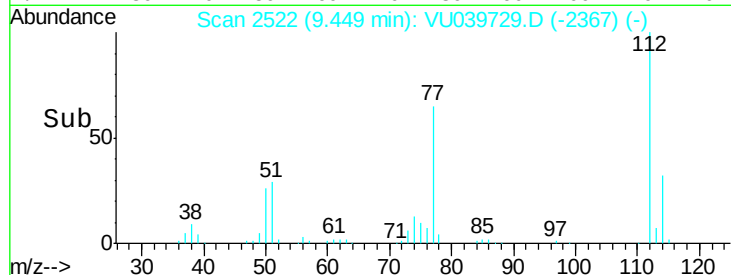
40000

20000

0

Time-->

9.40 9.45 9.50 9.55



#60

1,1,1,2-Tetrachloroethane

Concen: 9.214 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

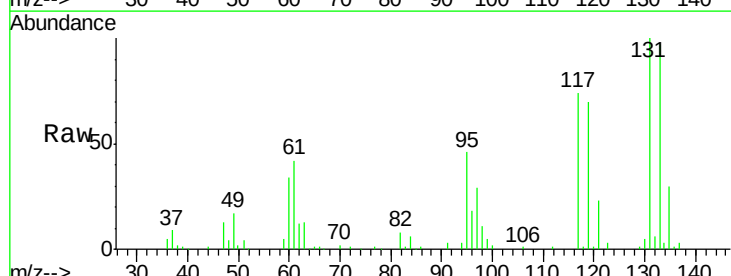
Tgt Ion:131 Resp: 57696

Ion Ratio Lower Upper

131 100

133 95.9 75.8 113.8

119 67.4 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

9.54

40000

30000

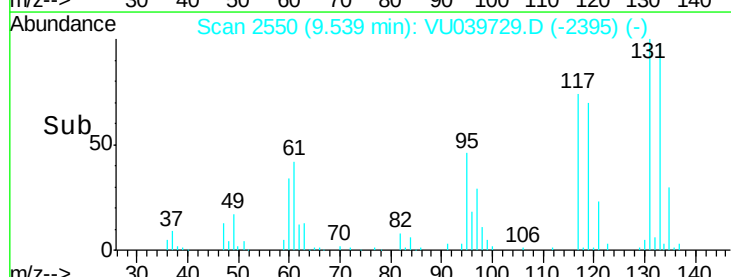
20000

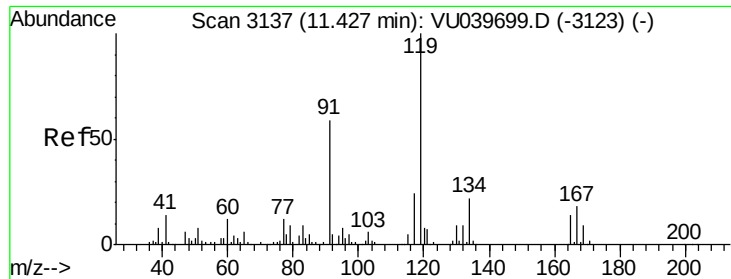
10000

0

Time-->

9.45 9.50 9.55 9.60

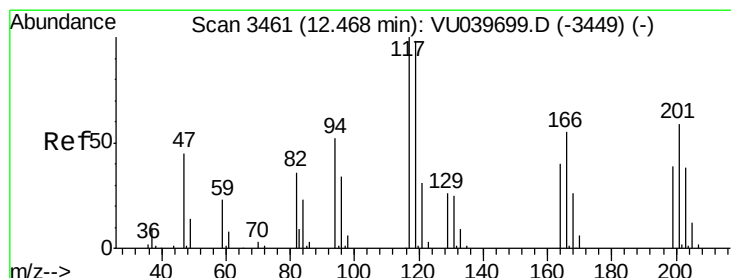
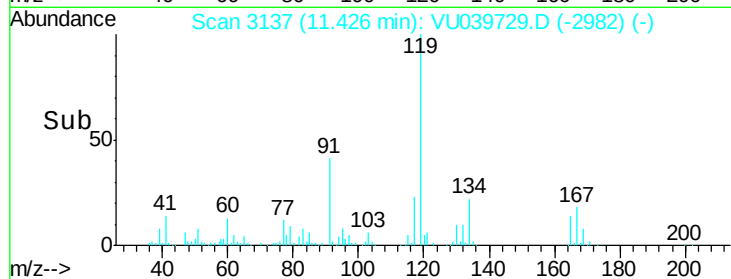
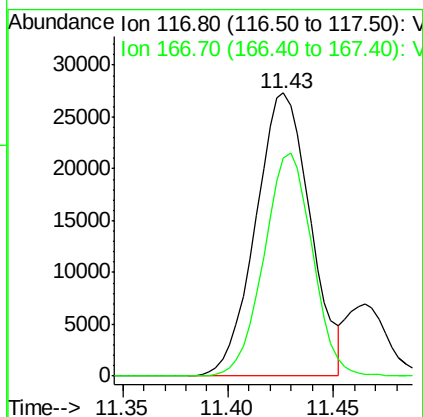
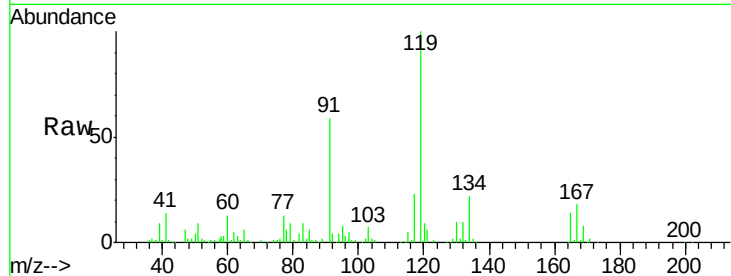




#61
 Pentachloroethane
 Concen: 8.959 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

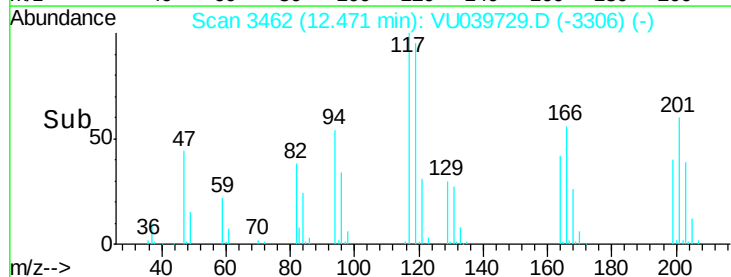
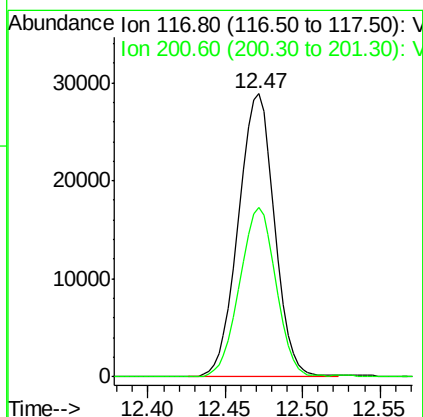
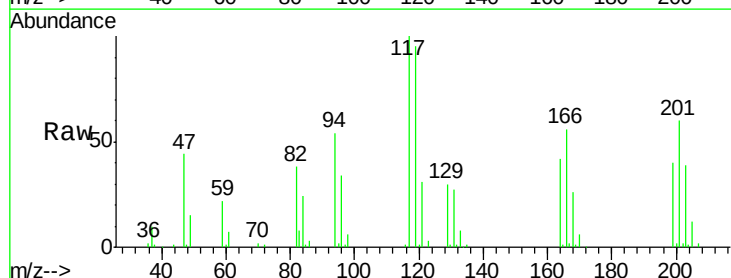
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

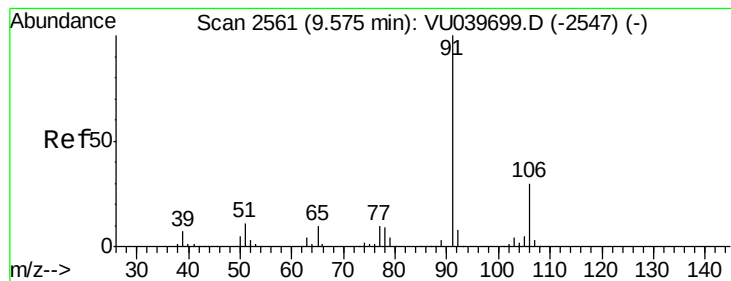
Tgt Ion:117 Resp: 49289
 Ion Ratio Lower Upper
 117 100
 167 69.8 56.6 85.0



#62
 Hexachloroethane
 Concen: 9.331 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion:117 Resp: 47053
 Ion Ratio Lower Upper
 117 100
 201 60.1 48.1 72.1





#63

Ethyl Benzene

Concen: 9.635 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

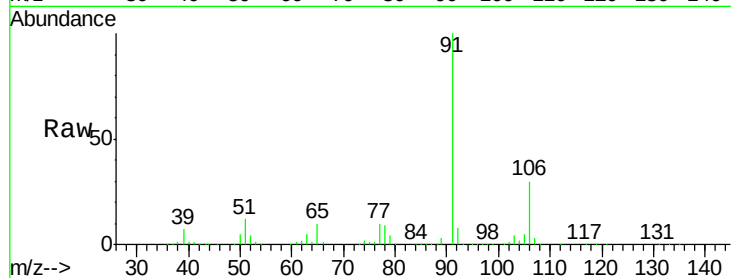
VSTDCCC010

Tgt Ion: 91 Resp: 320670

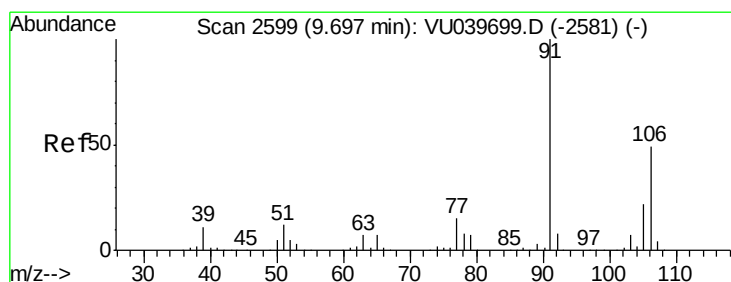
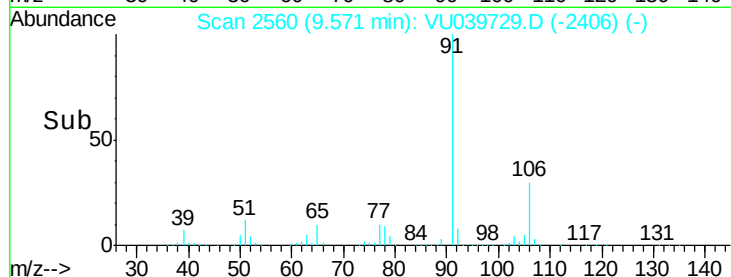
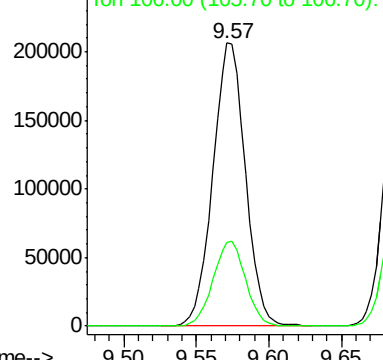
Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU039699.D (-2547) (-)



#64

m/p-Xylenes

Concen: 19.672 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039729.D

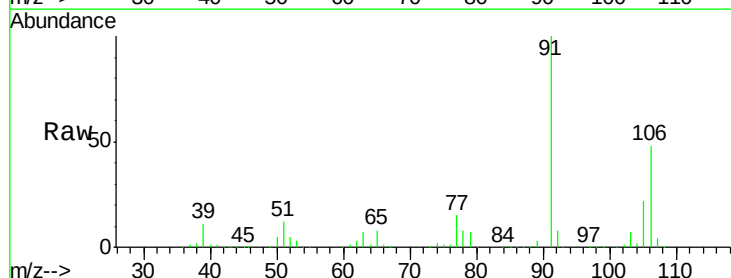
Acq: 31 Jul 2020 11:14

Tgt Ion: 106 Resp: 255807

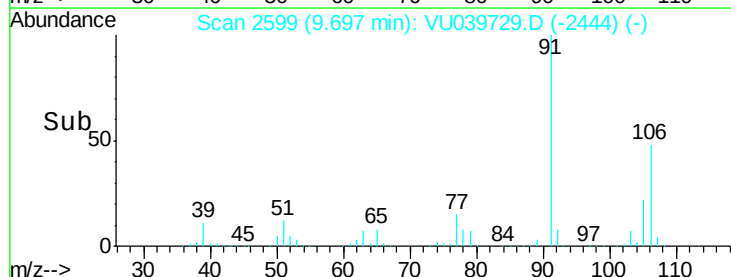
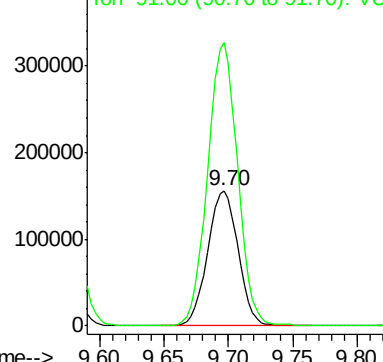
Ion Ratio Lower Upper

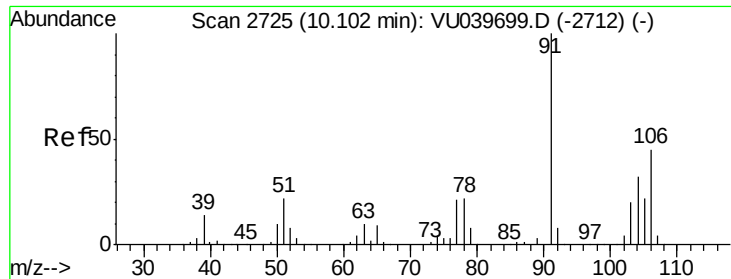
106 100

91 205.7 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VU039699.D (-2581) (-)





#65

o-Xylene

Concen: 9.768 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

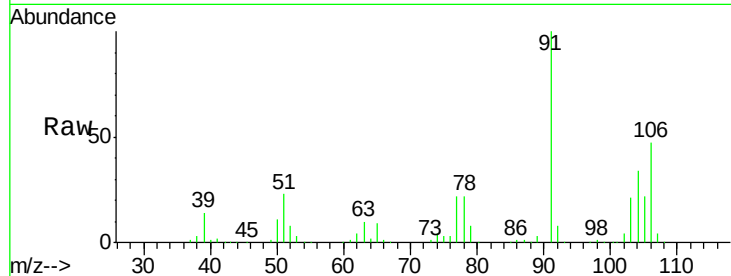
VSTDCCC010

Tgt Ion:106 Resp: 120594

Ion Ratio Lower Upper

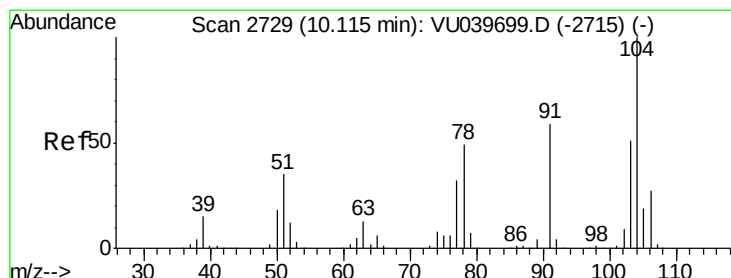
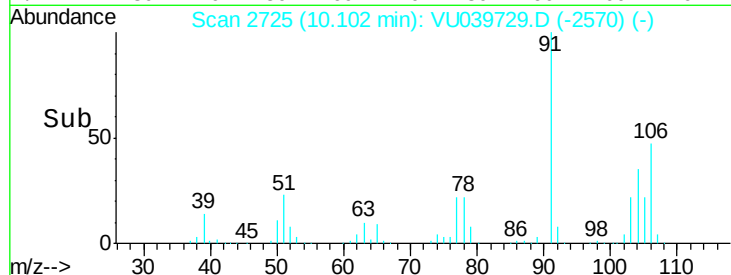
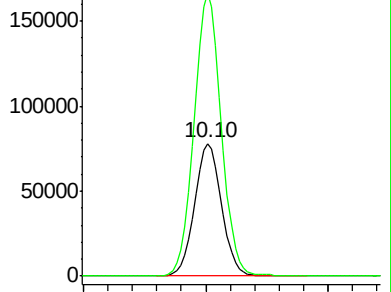
106 100

91 214.3 110.3 331.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 10.023 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

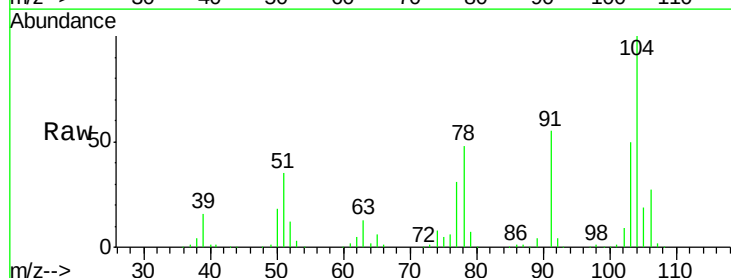
Tgt Ion:104 Resp: 212052

Ion Ratio Lower Upper

104 100

78 53.3 42.2 63.4

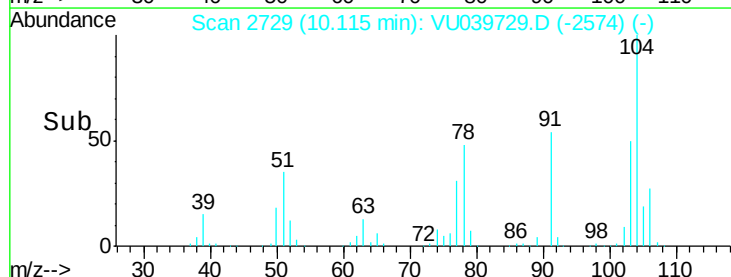
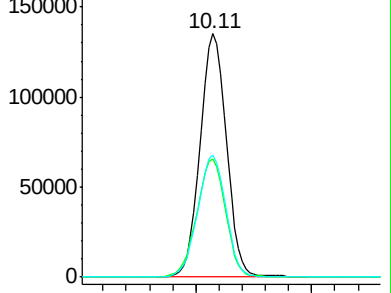
103 53.6 43.4 65.2

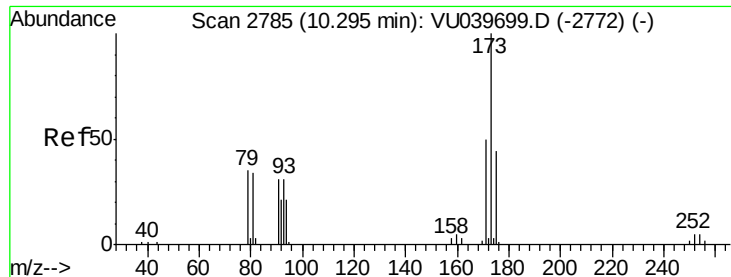


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 9.550 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

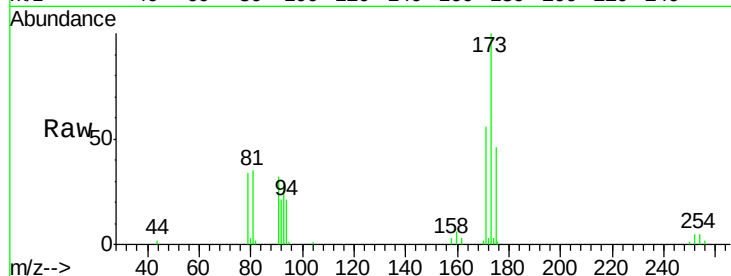
Tgt Ion:173 Resp: 30416

Ion Ratio Lower Upper

173 100

175 47.7 36.7 55.1

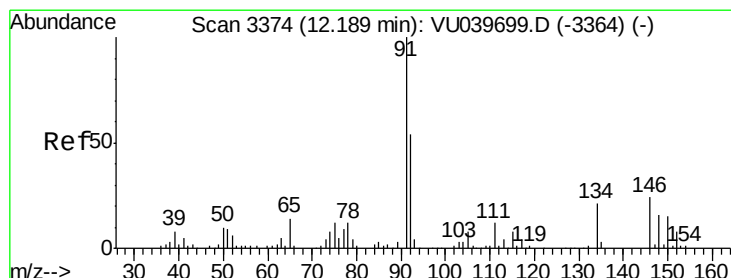
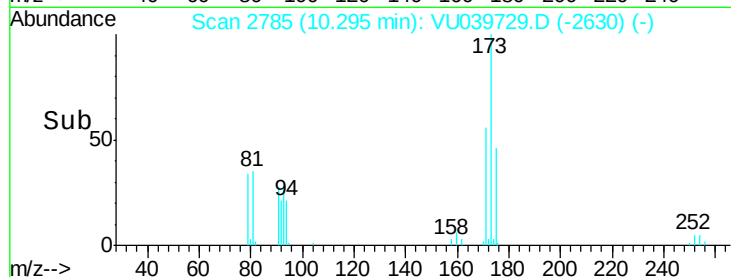
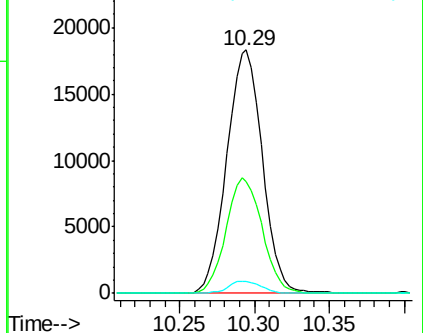
254 4.6 3.8 5.8



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.933 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

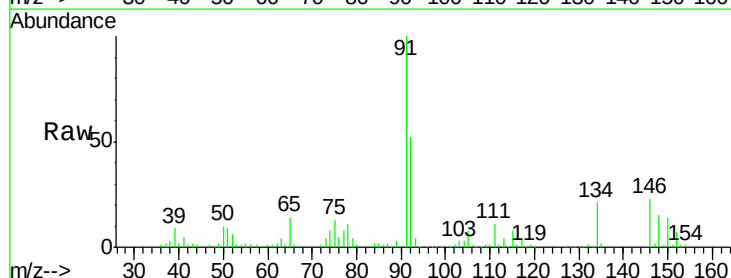
Tgt Ion:152 Resp: 8602

Ion Ratio Lower Upper

152 100

115 154.4 0.0 302.4

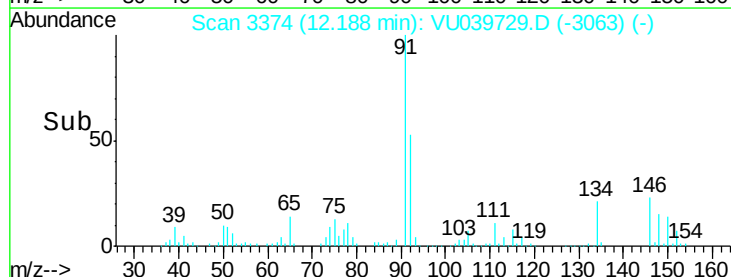
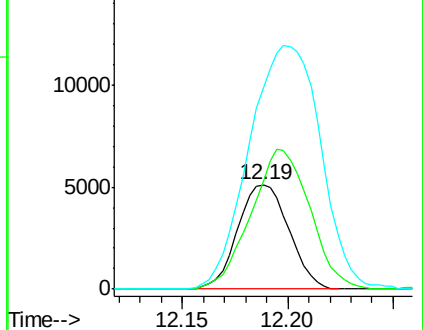
150 327.5 0.0 645.8

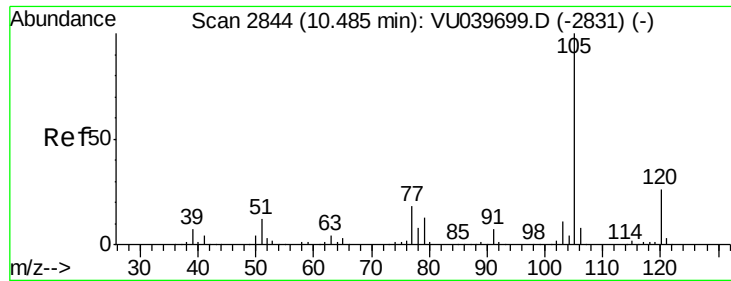


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 9.526 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

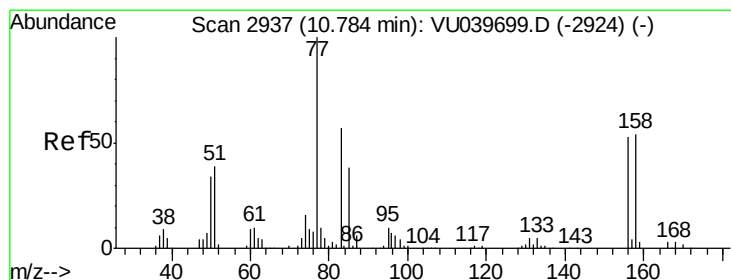
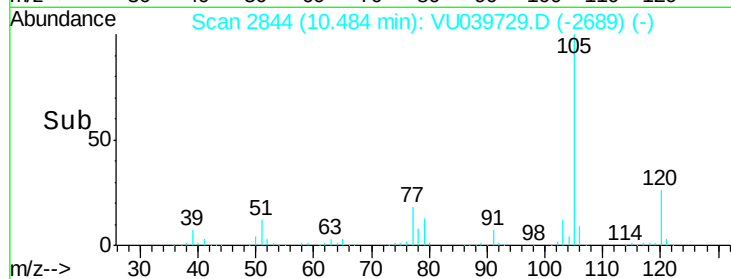
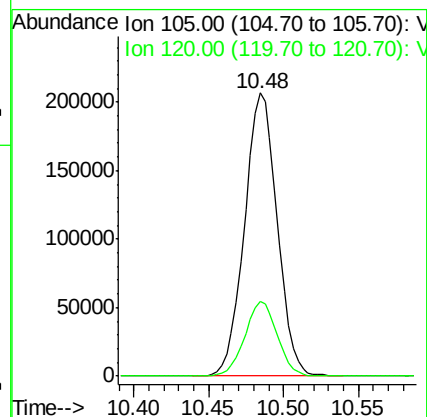
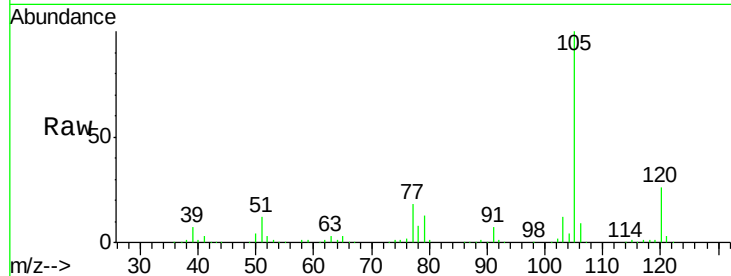
VSTDCCC010

Tgt Ion:105 Resp: 314130

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 9.192 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

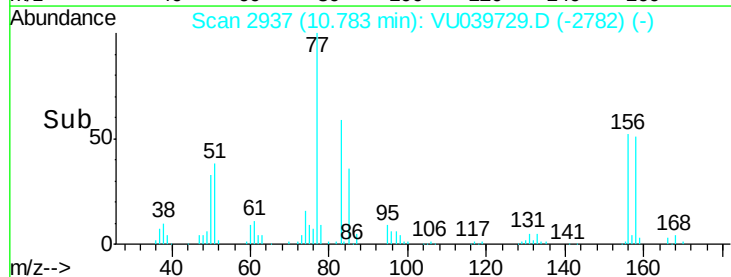
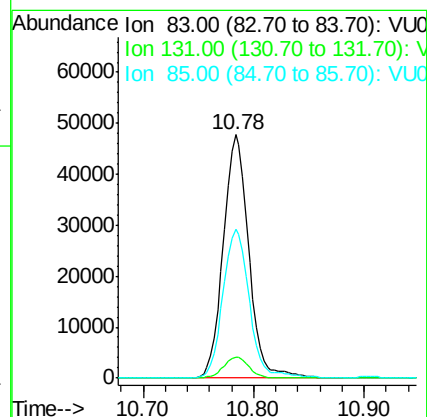
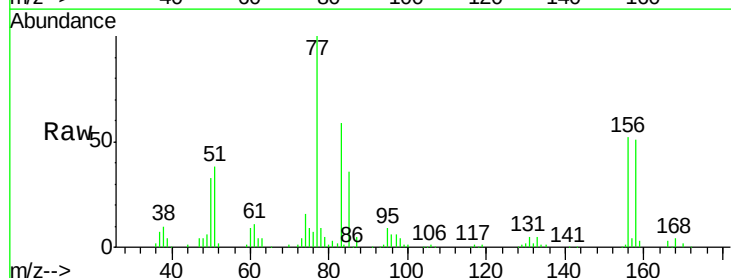
Tgt Ion: 83 Resp: 76937

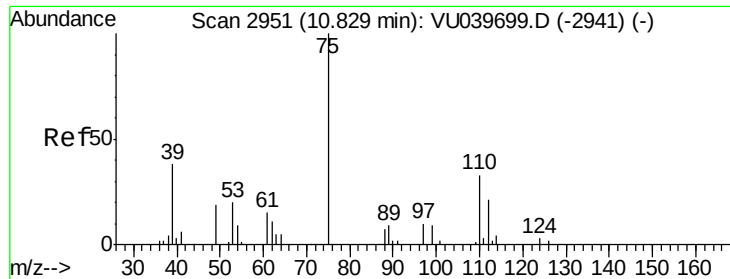
Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

85 63.2 50.6 75.8

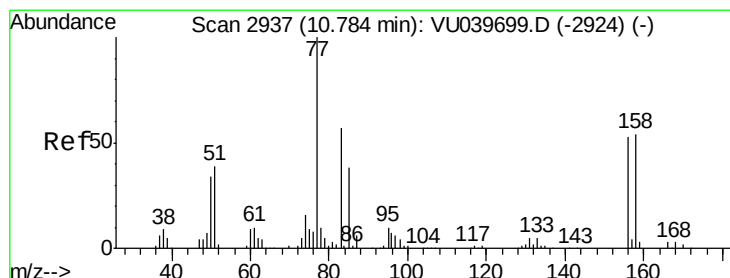
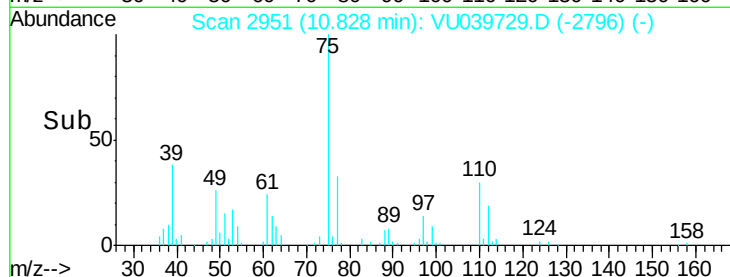
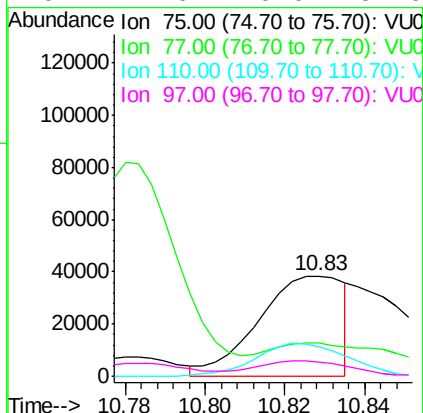
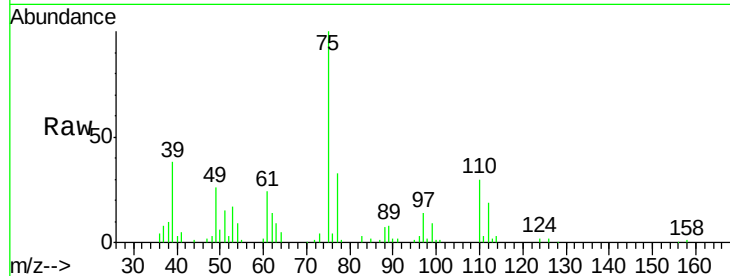




#71
 1,2,3-Trichloropropane
 Concen: 9.014 ug/l m
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

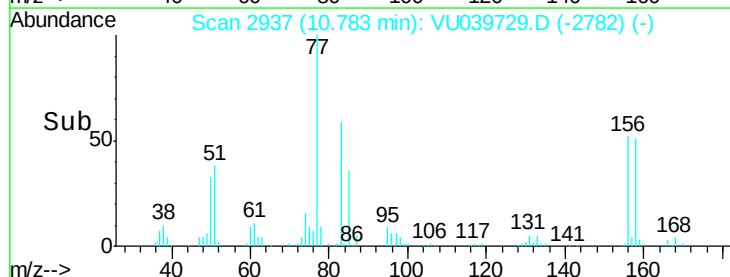
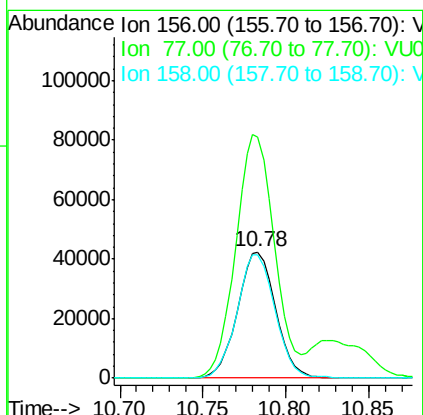
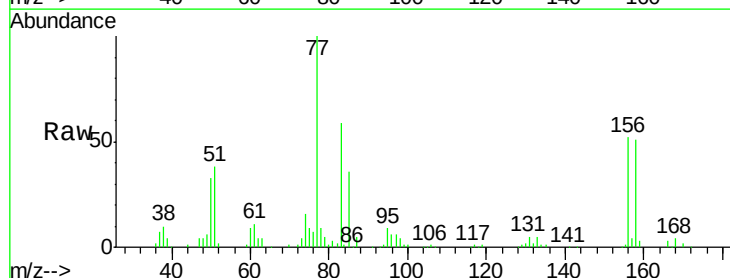
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

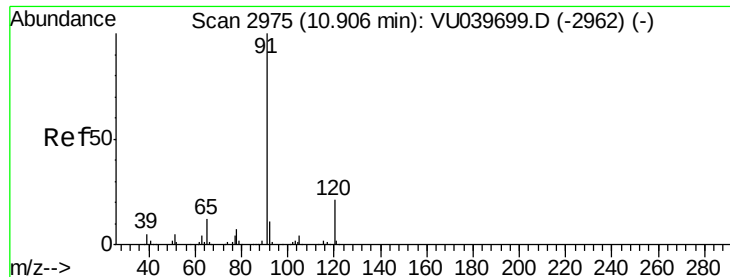
Tgt Ion:	75	Resp:	56832
Ion	Ratio	Lower	Upper
75	100		
77	49.2	0.0	91.0
110	35.7	0.0	64.2
97	17.6	0.0	32.6



#72
 Bromobenzene
 Concen: 9.061 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion:	156	Resp:	67861
Ion	Ratio	Lower	Upper
156	100		
77	196.1	0.0	385.2
158	98.3	0.0	200.8





#73

n-propylbenzene

Concen: 9.591 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

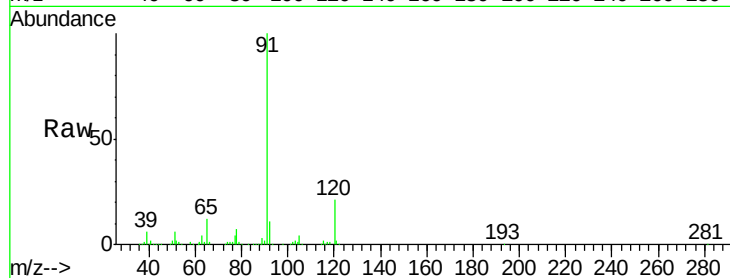
VSTDCCC010

Tgt Ion:120 Resp: 88923

Ion Ratio Lower Upper

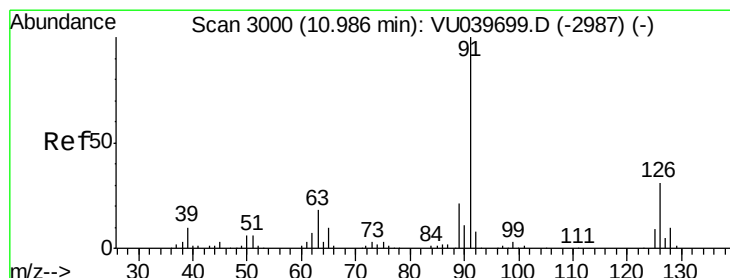
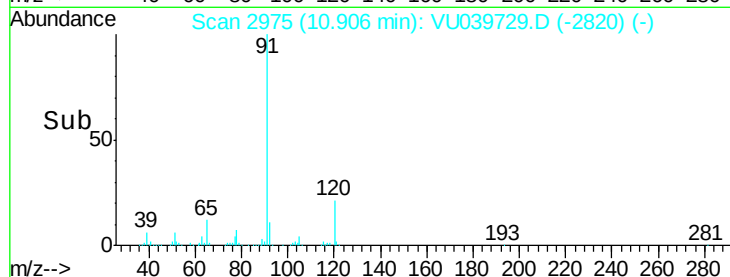
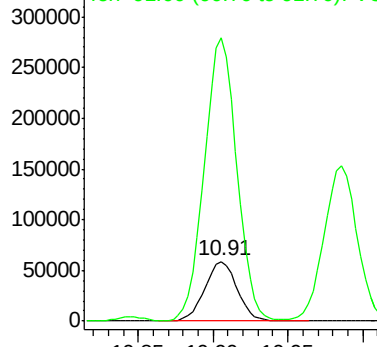
120 100

91 472.0 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 9.333 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039729.D

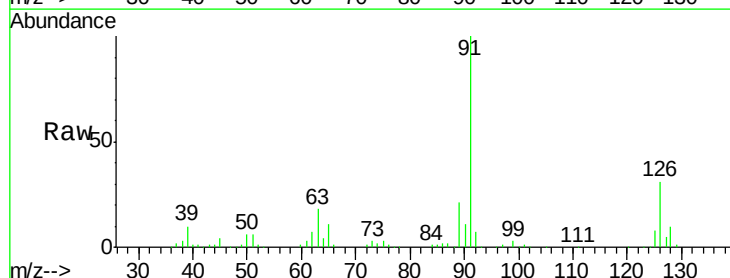
Acq: 31 Jul 2020 11:14

Tgt Ion:126 Resp: 73098

Ion Ratio Lower Upper

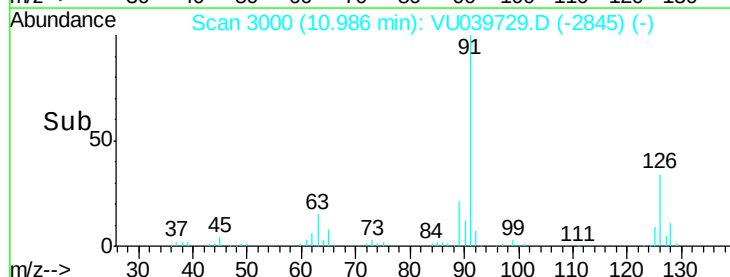
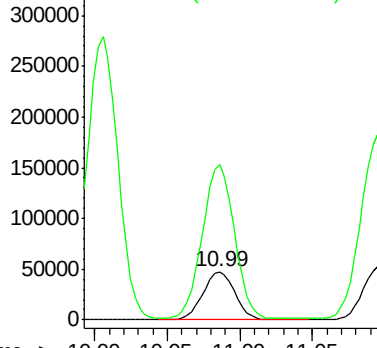
126 100

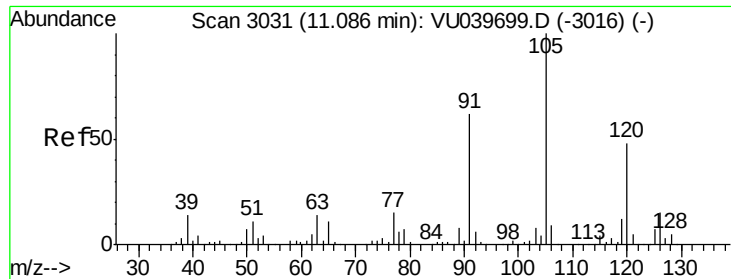
91 318.2 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 9.900 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

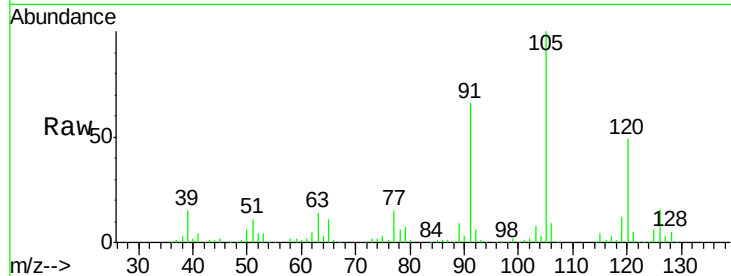
VSTDCCC010

Tgt Ion:105 Resp: 282219

Ion Ratio Lower Upper

105 100

120 48.4 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

0

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13.44

13.45

13.46

13.47

13.48

13.49

13.50

13.51

13.52

13.53

13.54

13.55

13.56

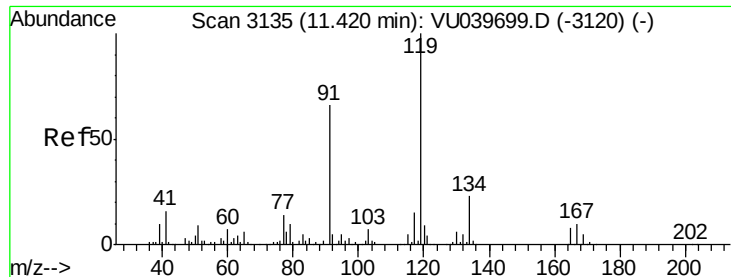
13.57

13.58

13.59

13.60

13.61



#77

tert-Butylbenzene

Concen: 9.643 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

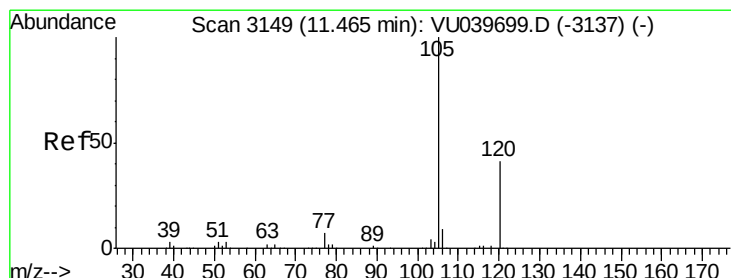
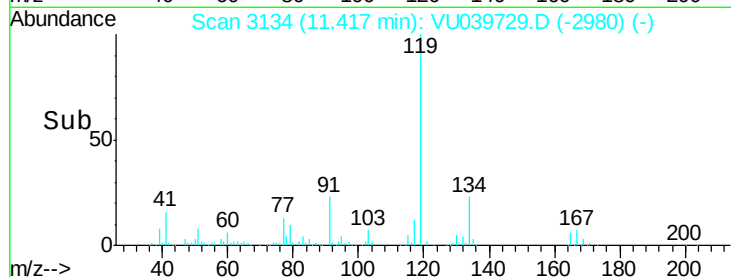
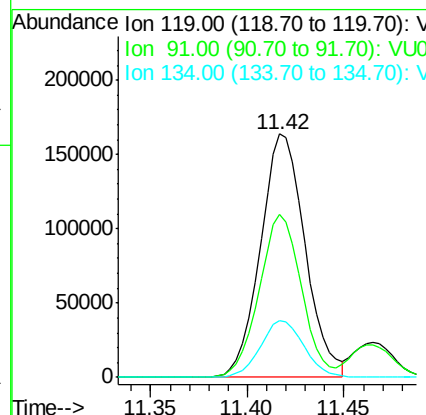
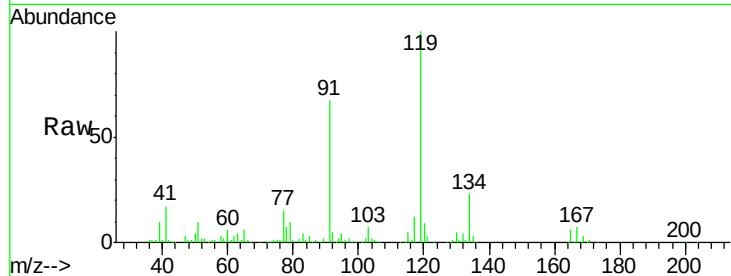
Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 263705

Ion	Ratio	Lower	Upper
119	100		
91	63.4	31.9	95.5
134	22.7	18.2	27.4



#78

1,2,4-Trimethylbenzene

Concen: 9.909 ug/l

RT: 11.46 min Scan# 3149

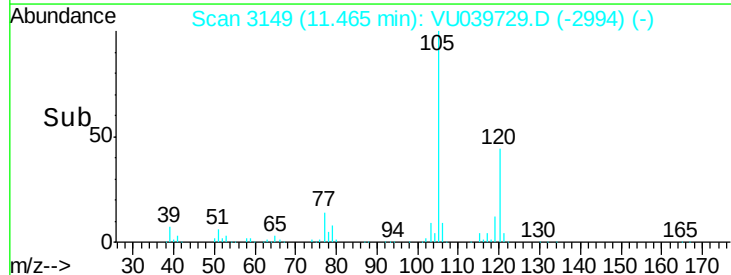
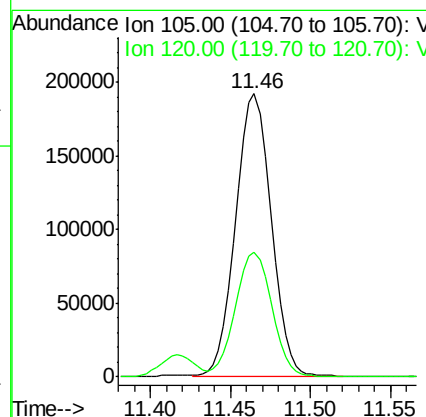
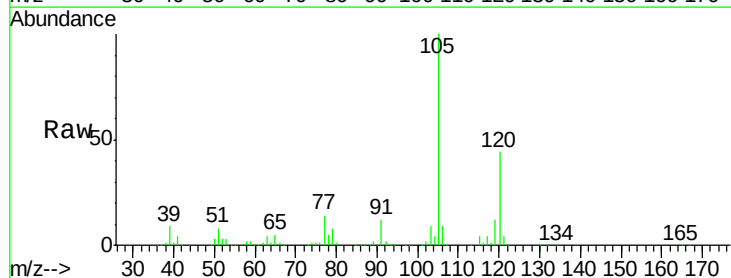
Delta R.T. -0.00 min

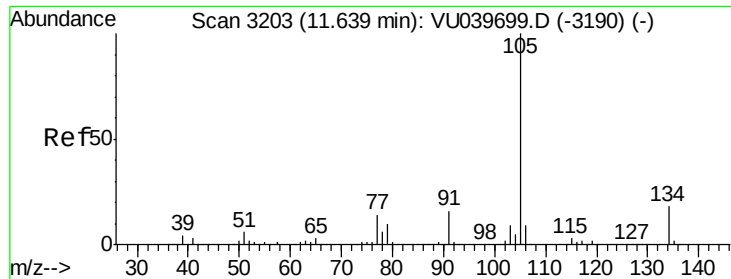
Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Tgt Ion:105 Resp: 289690

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.0

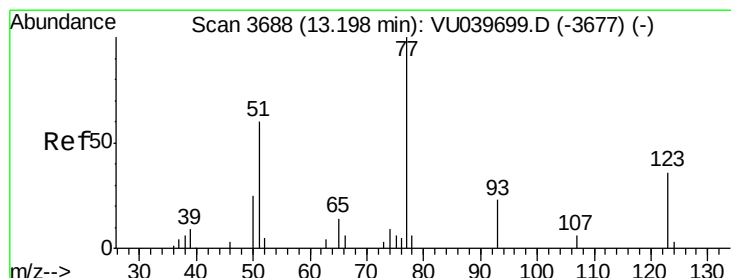
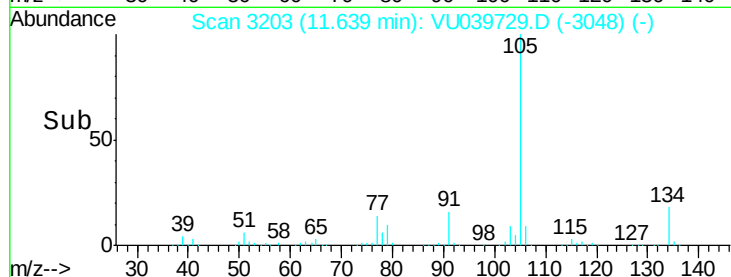
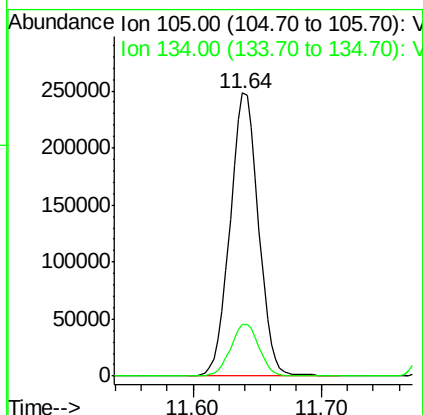
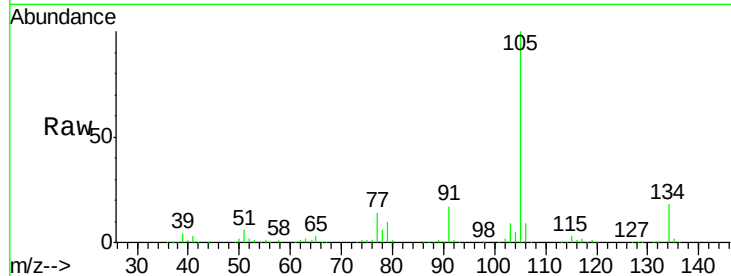




#79
 sec-Butylbenzene
 Concen: 9.769 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

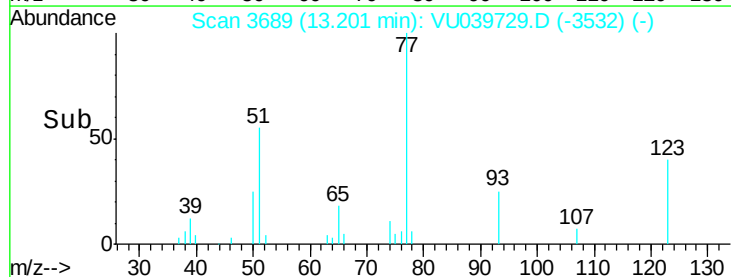
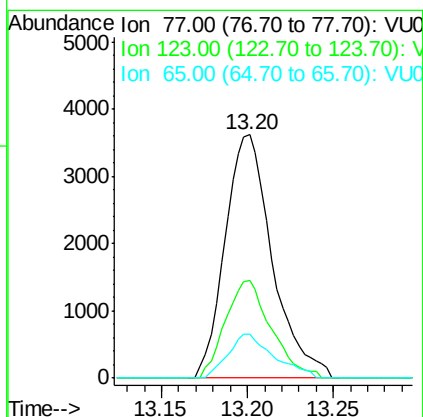
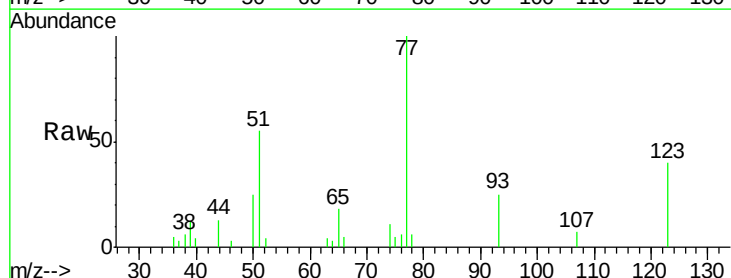
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

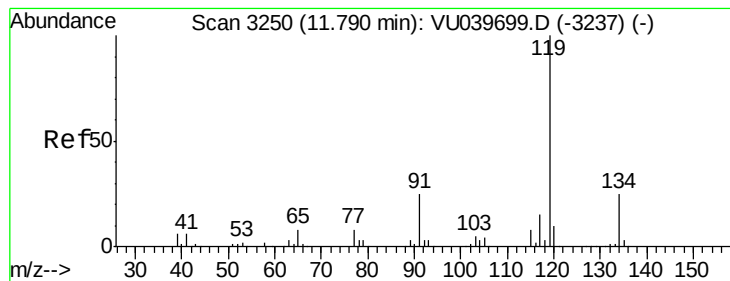
Tgt Ion: 105 Resp: 380274
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.8 22.2



#80
 Nitrobenzene
 Concen: 48.881 ug/l
 RT: 13.20 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion: 77 Resp: 6923
 Ion Ratio Lower Upper
 77 100
 123 38.8 16.9 59.9
 65 17.6 14.4 18.4





#81

p-Isopropyltoluene

Concen: 9.850 ug/l

RT: 11.79 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

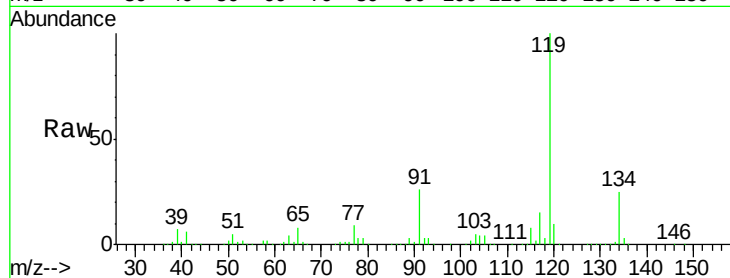
Tgt Ion:119 Resp: 309000

Ion Ratio Lower Upper

119 100

134 25.3 20.2 30.4

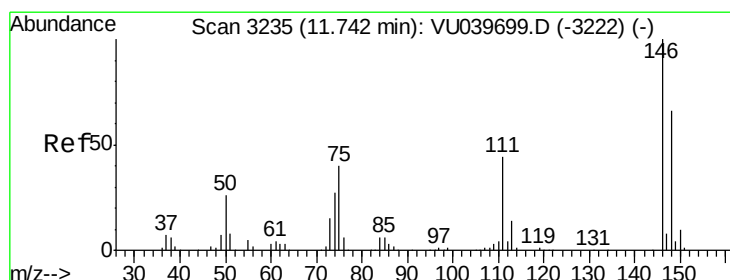
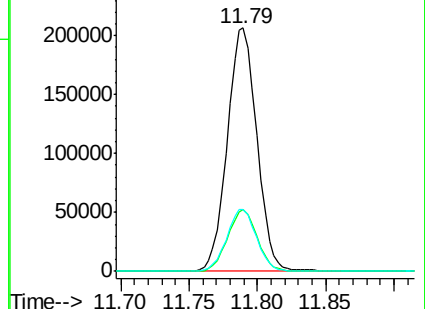
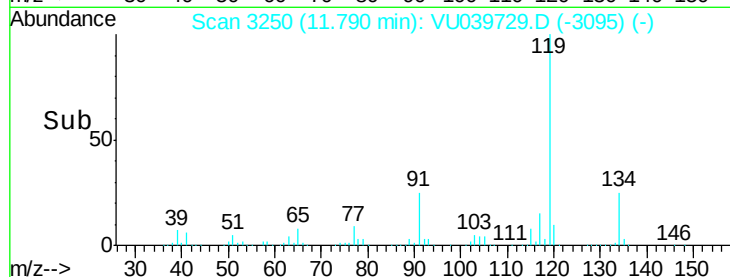
91 25.6 20.7 31.1



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: 9.164 ug/l

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

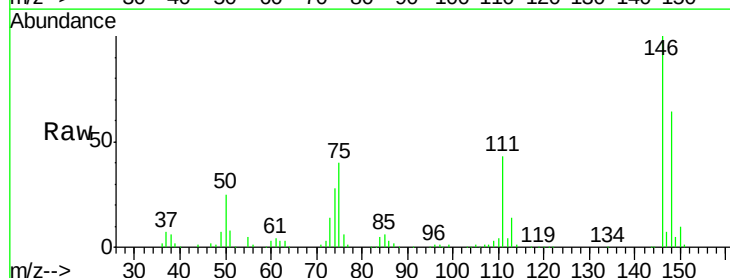
Tgt Ion:146 Resp: 147706

Ion Ratio Lower Upper

146 100

111 43.2 34.5 51.7

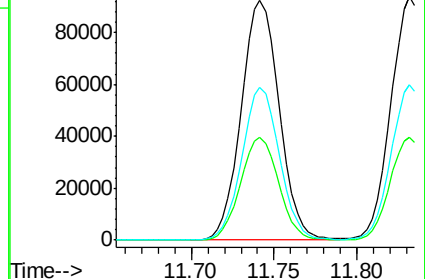
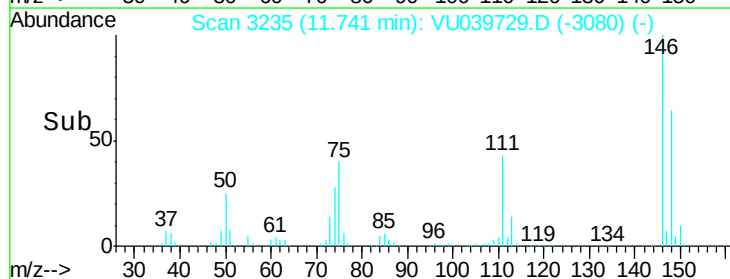
148 62.8 51.4 77.0

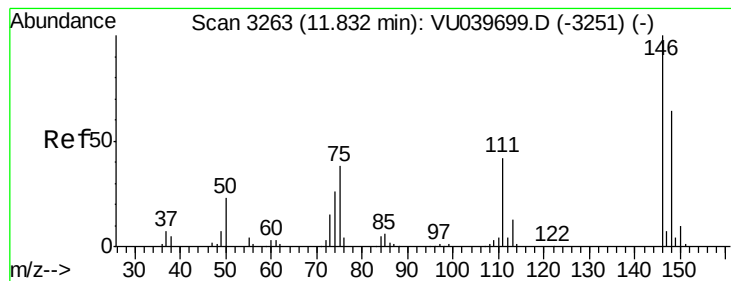


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#83

1,4-Dichlorobenzene

Concen: 9.143 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

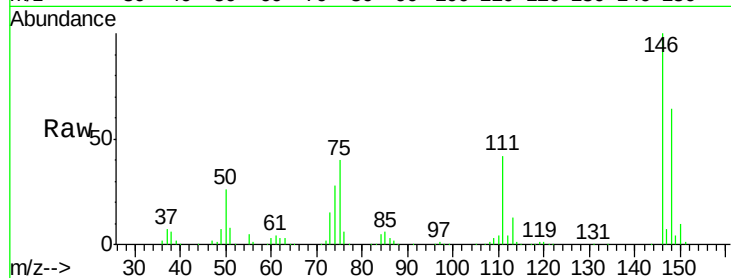
Tgt Ion: 146 Resp: 148242

Ion Ratio Lower Upper

146 100

111 42.3 33.8 50.6

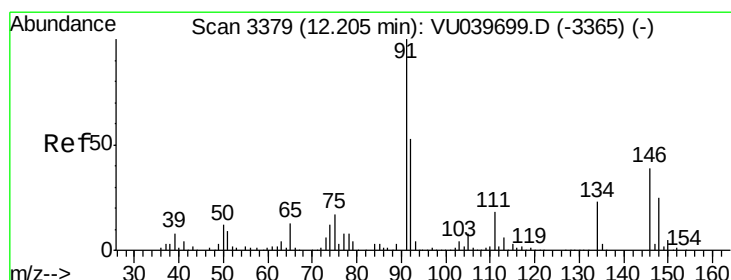
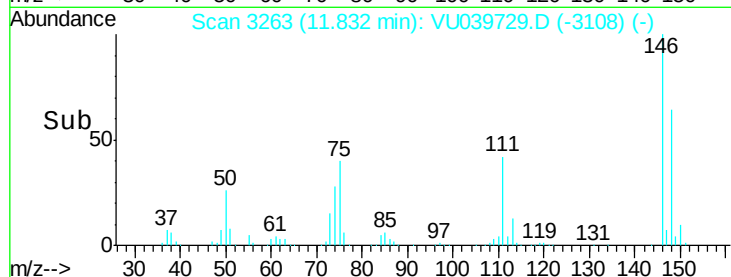
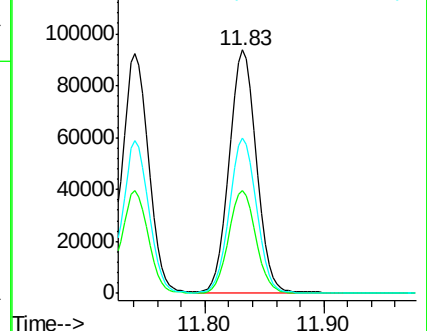
148 64.0 51.1 76.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 9.926 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

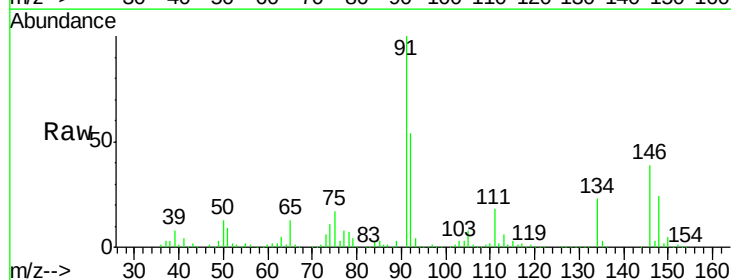
Tgt Ion: 91 Resp: 330755

Ion Ratio Lower Upper

91 100

92 52.6 42.6 64.0

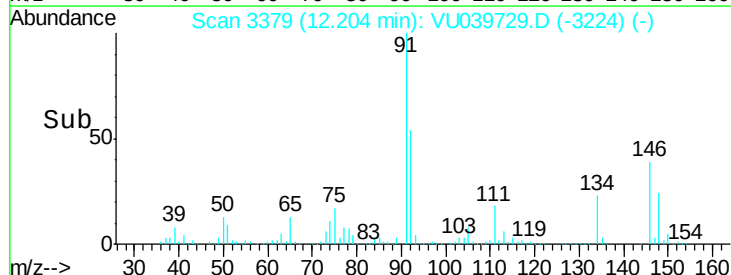
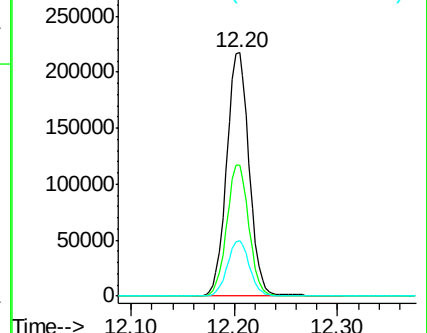
134 22.5 18.2 27.4

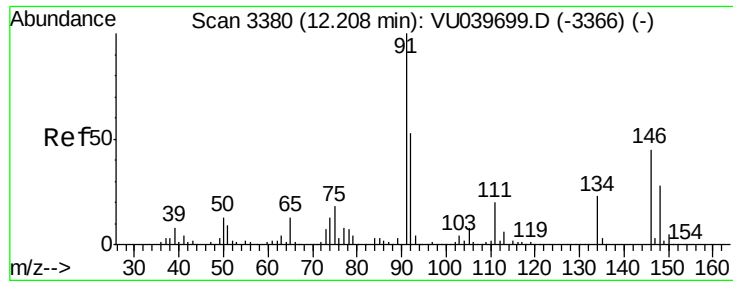


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 9.000 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

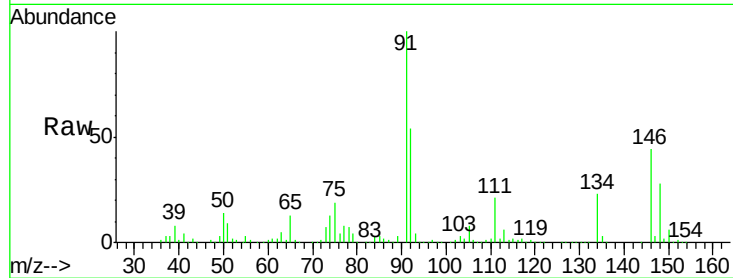
Tgt Ion:146 Resp: 139820

Ion Ratio Lower Upper

146 100

111 46.2 22.8 68.3

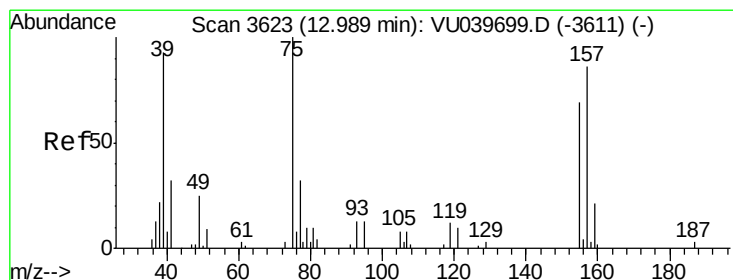
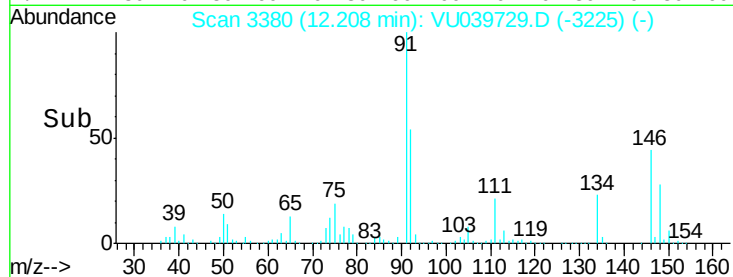
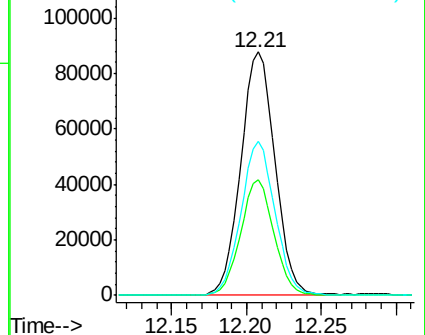
148 62.9 31.7 95.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 9.282 ug/l

RT: 12.99 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

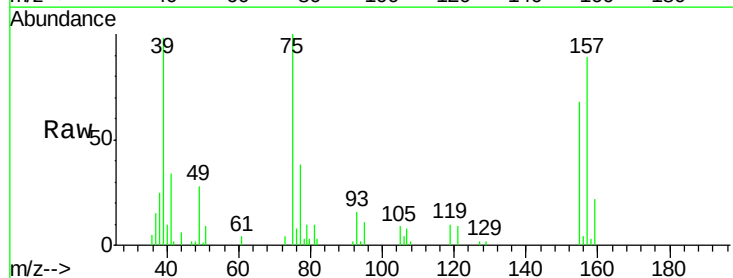
Tgt Ion: 75 Resp: 13086

Ion Ratio Lower Upper

75 100

155 67.5 52.9 79.3

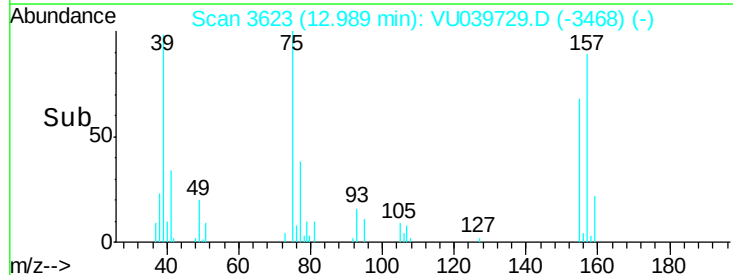
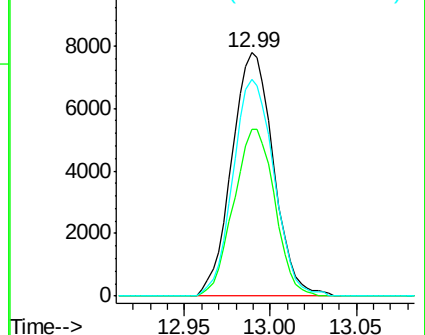
157 87.9 67.8 101.6

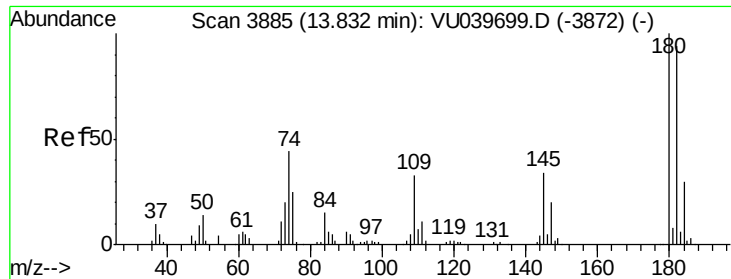


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

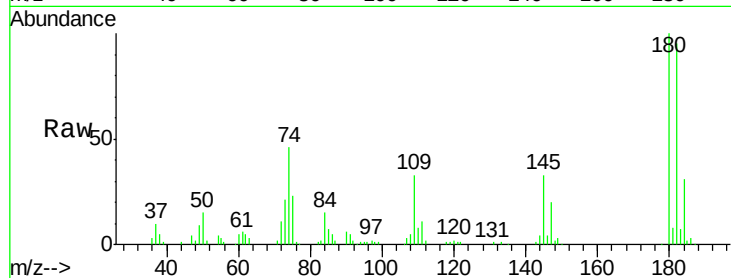




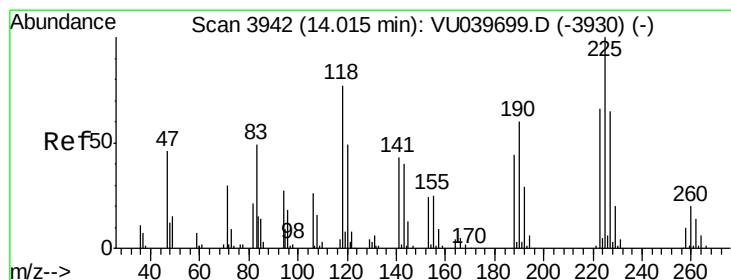
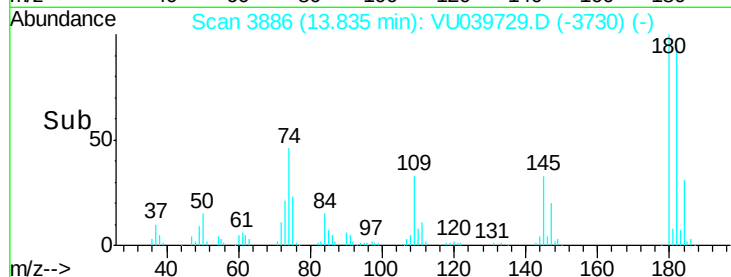
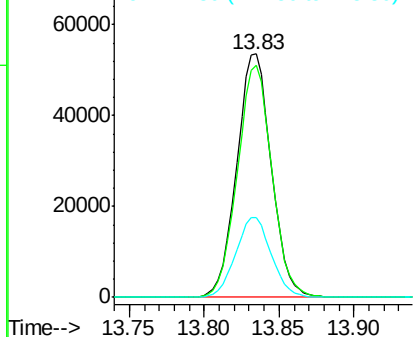
#87
 1,2,4-Trichlorobenzene
 Concen: 8.873 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 86212
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.4
 145 33.8 26.8 40.2

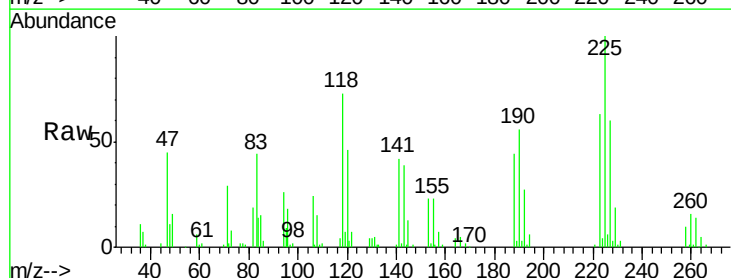


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

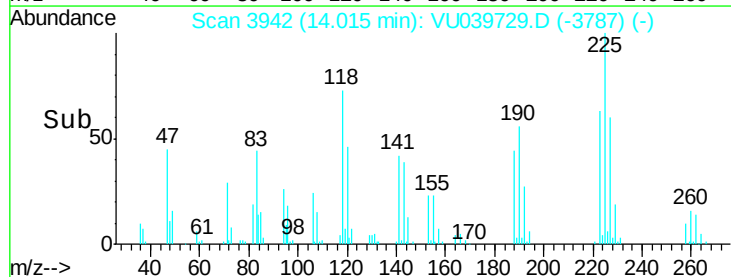
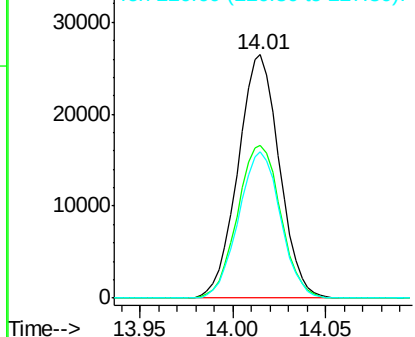


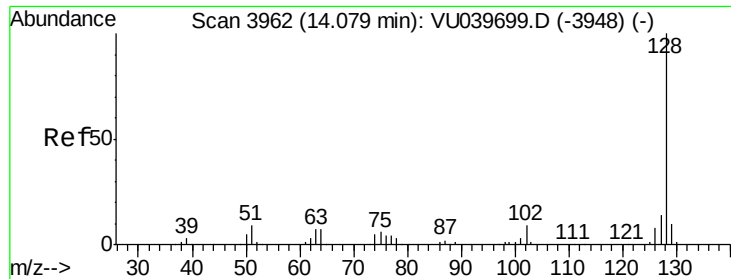
#88
 Hexachlorobutadiene
 Concen: 9.307 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039729.D
 Acq: 31 Jul 2020 11:14

Tgt Ion:225 Resp: 41069
 Ion Ratio Lower Upper
 225 100
 223 65.5 52.4 78.6
 227 61.0 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: 9.098 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

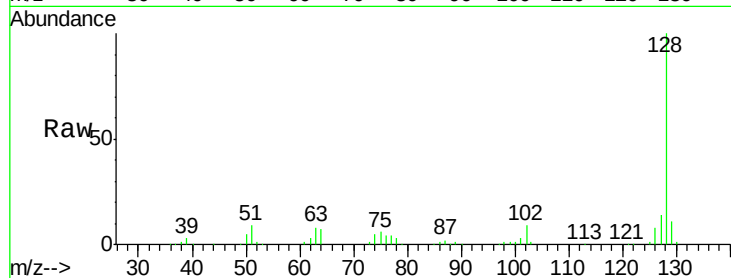
Tgt Ion:128 Resp: 189141

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

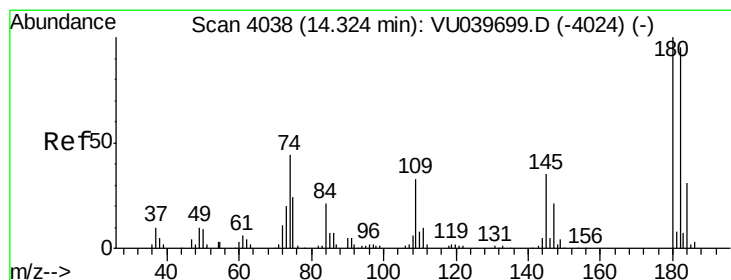
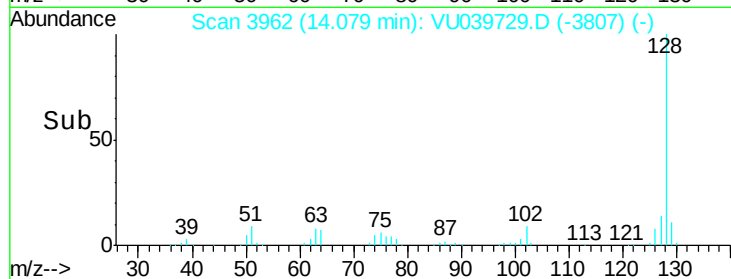
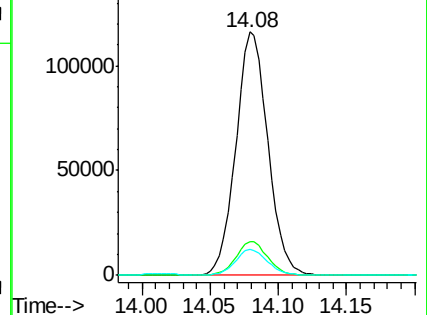
129 10.7 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 8.930 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039729.D

Acq: 31 Jul 2020 11:14

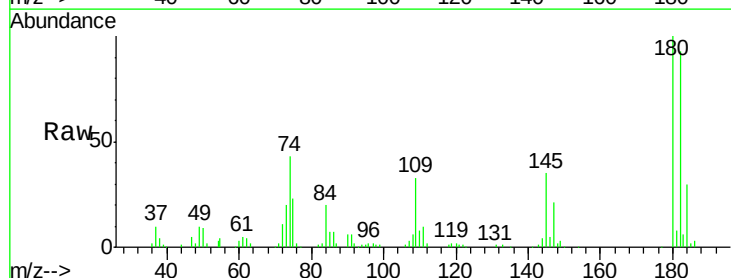
Tgt Ion:180 Resp: 81912

Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

145 35.1 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

