

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
 Data File : VU039733.D
 Acq On : 31 Jul 2020 14:55
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Quant Time: Aug 01 01:40:21 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	24150	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	8363	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8579	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	70538	8.406 ug/l	99
3) Chloromethane	1.53	50	87673	8.410 ug/l	99
4) Vinyl Chloride	1.61	62	84018	8.745 ug/l	98
5) Bromomethane	1.86	94	60847	9.260 ug/l	100
6) Chloroethane	1.94	64	75946	11.393 ug/l	96
7) Trichlorofluoromethane	2.15	101	111966	8.811 ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	62735	8.602 ug/l	99
9) 1,1-Dichloroethene	2.59	96	57877	8.625 ug/l	98
10) Iodomethane	2.73	142	77937	11.516 ug/l	99
11) Allyl Chloride	2.93	41	121225	8.375 ug/l	100
12) Acrylonitrile	3.33	53	42870	18.202 ug/l	95
13) Acetone	2.65	43	89582	40.423 ug/l	100
14) Carbon Disulfide	2.80	76	209351	8.508 ug/l	99
15) Methylene Chloride	3.06	84	71900	7.687 ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	66385	8.702 ug/l	97
17) 1,1-Dichloroethane	3.89	63	143381	8.559 ug/l	100
18) 2-Butanone	4.74	43	150961	40.509 ug/l	99
19) Cyclohexane	5.40	56	132000m	8.141 ug/l	
20) Methylcyclohexane	6.77	83	115767	9.636 ug/l	97
21) 2,2-Dichloropropane	4.68	77	107364	7.857 ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	70310	8.551 ug/l	97
23) Diethyl Ether	2.39	59	59454	8.666 ug/l	95
24) tert-Butyl Alcohol	3.24	59	71126	85.921 ug/l #	85
25) Methyl tert-Butyl Ether	3.38	73	190135	8.684 ug/l	100
26) Bromochloromethane	4.99	128	29556	8.785 ug/l	96
27) Chloroform	5.11	83	131522	8.389 ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	107333	8.461 ug/l	98
29) 1,1-Dichloropropene	5.54	75	102000	8.350 ug/l	99
30) Carbon Tetrachloride	5.54	117	89254	8.604 ug/l	99
31) Isopropyl Ether	4.02	45	252007	8.248 ug/l	99
32) Ethyl-t-butyl ether	4.53	59	217342	8.359 ug/l	98
33) Tert-Amyl methyl ether	5.96	73	183962	9.814 ug/l	99
34) Propionitrile	4.81	54	41584	45.234 ug/l #	96
35) Benzene	5.79	78	283016	9.366 ug/l	99
36) 1,2-Dichloroethane	5.81	62	108567	9.585 ug/l	99
37) Trichloroethene	6.55	130	61394	8.880 ug/l	91
38) 1,2-Dichloropropane	6.80	63	78468	9.422 ug/l	99
39) Methacrylonitrile	5.00	41	37610	7.763 ug/l	99
40) Methyl acrylate	4.87	55	54664	8.750 ug/l	98
41) Tetrahydrofuran	5.09	42	40008	16.414 ug/l	98
42) 1-Chlorobutane	5.47	56	159161	8.301 ug/l	99

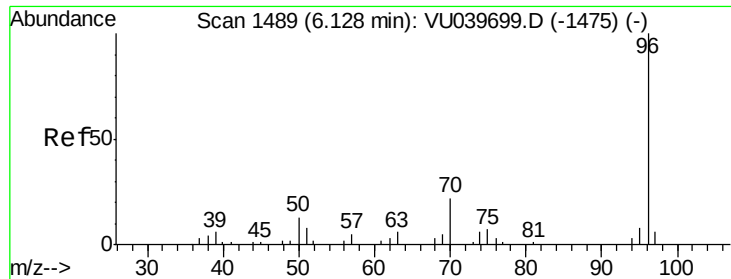
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
 Data File : VU039733.D
 Acq On : 31 Jul 2020 14:55
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Quant Time: Aug 01 01:40:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING 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	41101	9.171	ug/l	96
44) Bromodichloromethane	7.12	83	91615	8.916	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	320173	47.161	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	39288m	19.457	ug/l	
47) Methyl methacrylate	6.98	69	82299	19.688	ug/l	95
48) Ethyl methacrylate	8.35	69	72074	9.368	ug/l	97
49) Toluene	7.98	92	161557	8.982	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	85194	9.205	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	97105	8.927	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	53175	9.132	ug/l	99
53) 1,3-Dichloropropane	8.58	76	99984	8.943	ug/l	100
54) 2-Hexanone	8.70	43	228816	47.075	ug/l	99
55) Dibromochloromethane	8.82	129	56856	9.093	ug/l	99
56) 1,2-Dibromoethane	8.93	107	50151	8.938	ug/l	98
58) Tetrachloroethene	8.56	164	52510	8.676	ug/l	98
59) Chlorobenzene	9.45	112	163145	8.772	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	54985	8.768	ug/l	98
61) Pentachloroethane	11.43	117	48613	8.823	ug/l	96
62) Hexachloroethane	12.47	117	46206	9.150	ug/l	98
63) Ethyl Benzene	9.57	91	307358	9.221	ug/l	99
64) m/p-Xylenes	9.70	106	246780	18.950	ug/l	99
65) o-Xylene	10.10	106	115051	9.305	ug/l	98
66) Styrene	10.11	104	203685	9.613	ug/l	100
67) Bromoform	10.29	173	30553	9.579	ug/l	100
69) Isopropylbenzene	10.48	105	301399	9.126	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	76697	9.150	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	61478m	9.736	ug/l	
72) Bromobenzene	10.78	156	65971	8.796	ug/l	99
73) n-propylbenzene	10.91	120	84848	9.138	ug/l	99
74) 2-Chlorotoluene	10.99	126	70987	9.050	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	269584	9.443	ug/l	99
76) 4-Chlorotoluene	11.10	126	75763	9.325	ug/l	100
77) tert-Butylbenzene	11.42	119	253764	9.265	ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	287363	9.814	ug/l	99
79) sec-Butylbenzene	11.64	105	361222	9.266	ug/l	100
80) Nitrobenzene	13.20	77	6925	48.822	ug/l	98
81) p-Isopropyltoluene	11.79	119	296833	9.448	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	141656	8.775	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	141387	8.707	ug/l	100
84) n-Butylbenzene	12.20	91	307124	9.204	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	136388	8.766	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13714	9.713	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	83263	8.556	ug/l	99
88) Hexachlorobutadiene	14.01	225	37925	8.582	ug/l	98
89) Naphthalene	14.08	128	190117	9.131	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	80800	8.796	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: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 96 Resp: 24150

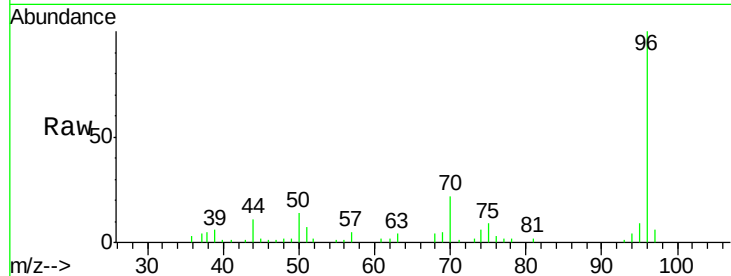
Ion Ratio Lower Upper

96 100

70 20.1 16.3 24.5

95 8.9 6.8 10.2

97 0.0 0.0 0.0

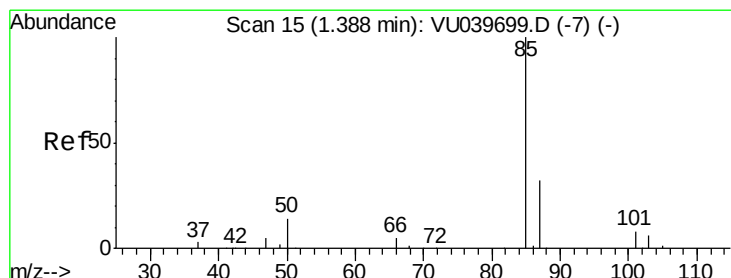
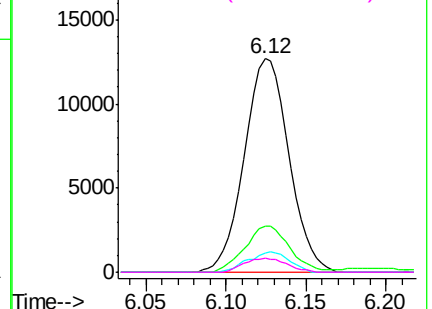
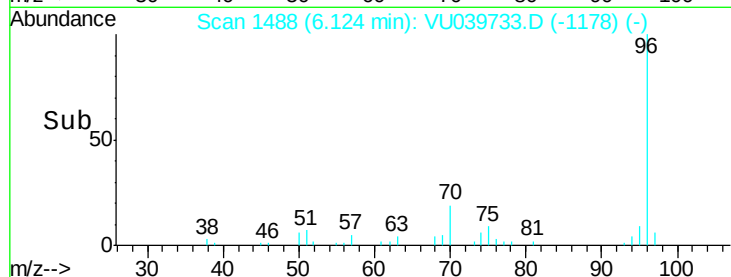


Abundance Ion 96.00 (95.70 to 96.70): VU039733.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU039733.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU039733.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU039733.D (-1178) (-)



#2

Dichlorodifluoromethane

Concen: 8.406 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039733.D

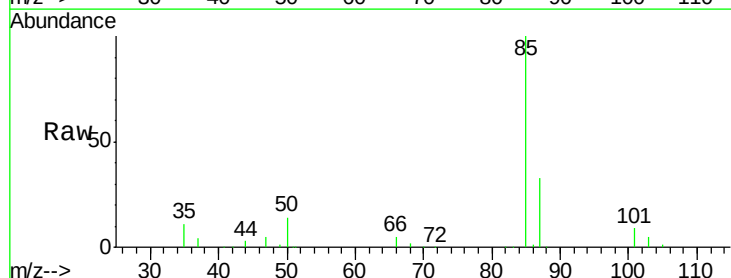
Acq: 31 Jul 2020 14:55

Tgt Ion: 85 Resp: 70538

Ion Ratio Lower Upper

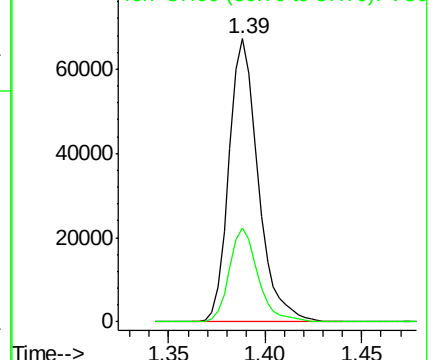
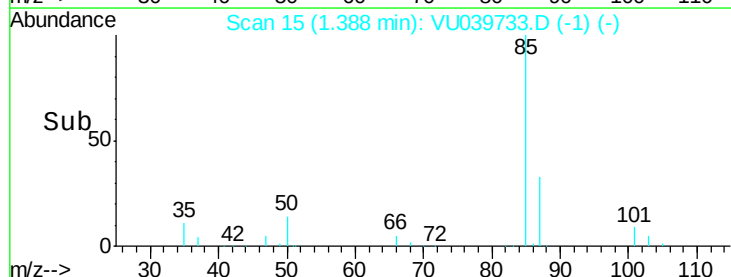
85 100

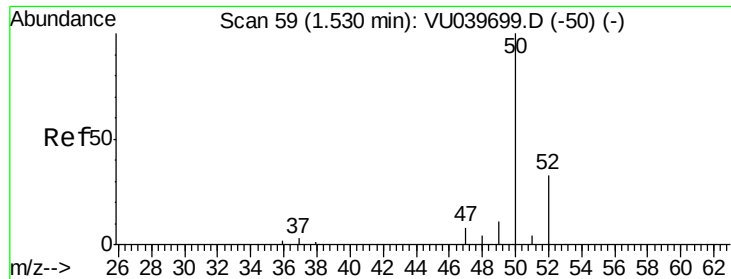
87 33.0 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039733.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU039733.D (-1) (-)

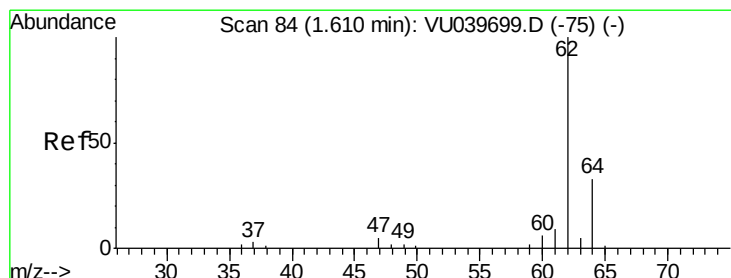
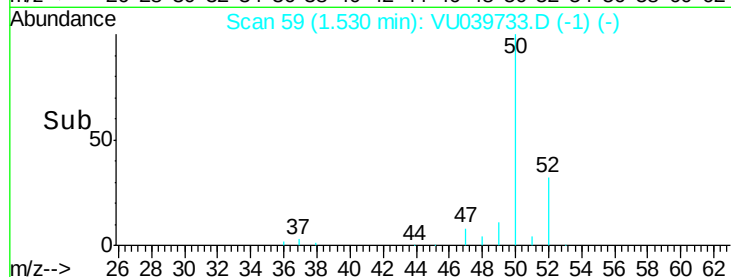
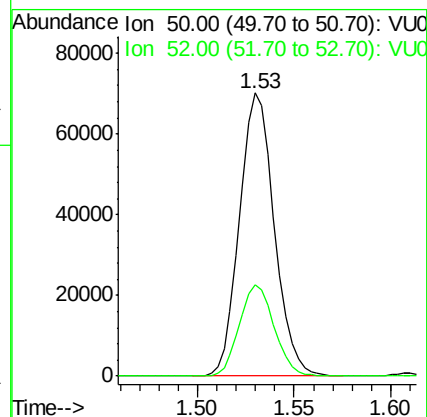
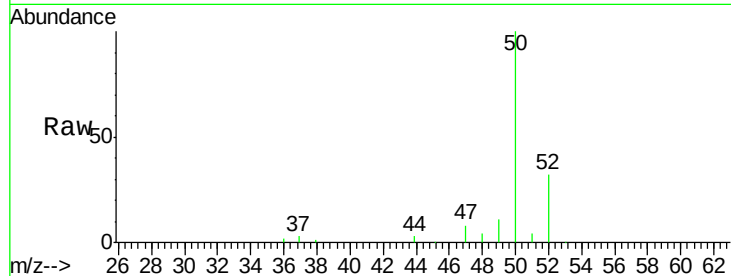




#3
Chloromethane
Concen: 8.410 ug/l
RT: 1.53 min Scan# 59
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

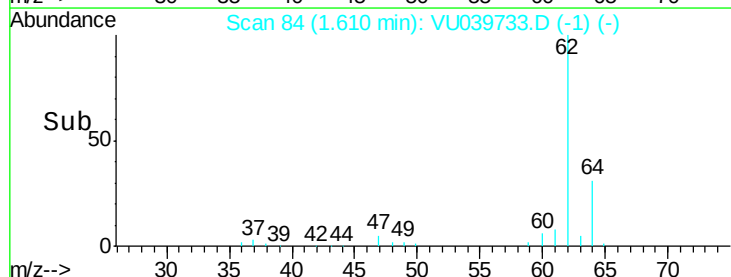
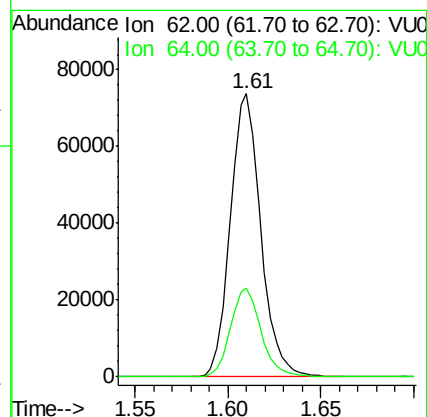
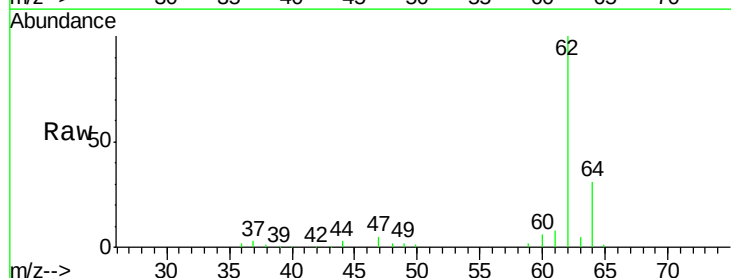
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

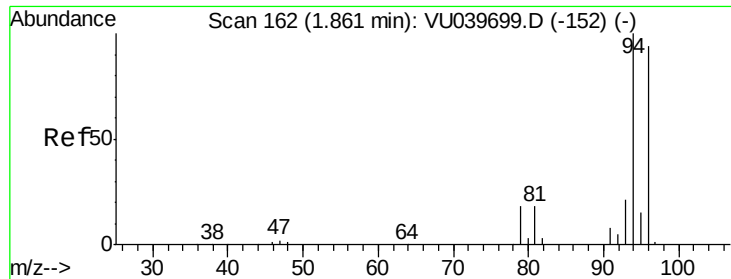
Tgt Ion: 50 Resp: 87673
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0



#4
Vinyl Chloride
Concen: 8.745 ug/l
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion: 62 Resp: 84018
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0

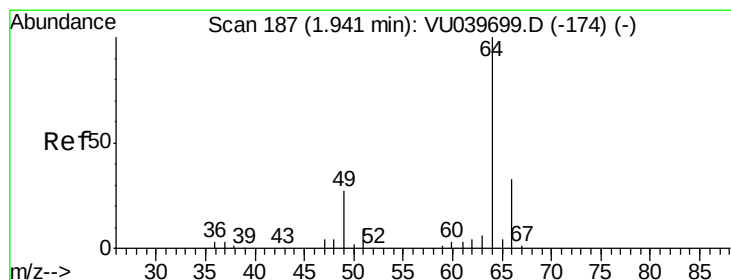
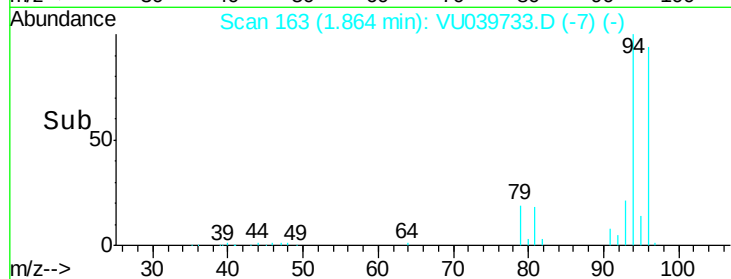
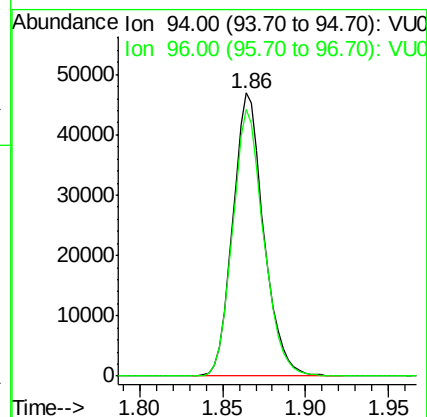
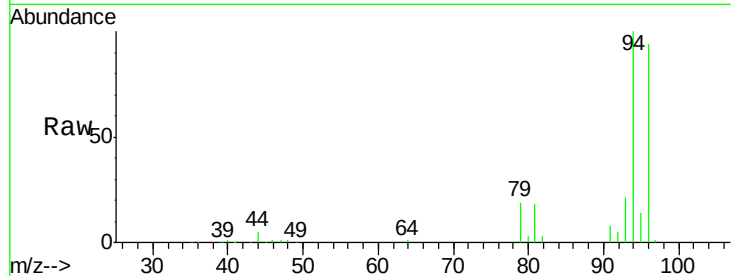




#5
Bromomethane
Concen: 9.260 ug/l
RT: 1.86 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

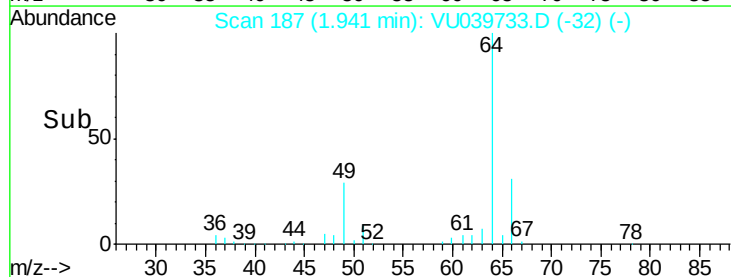
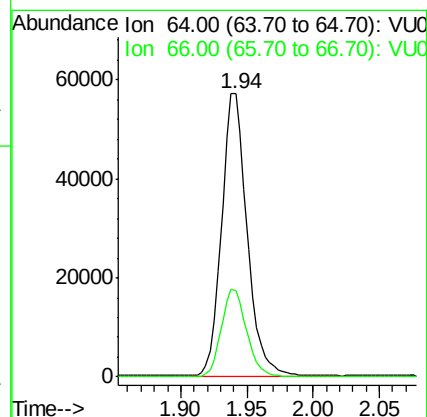
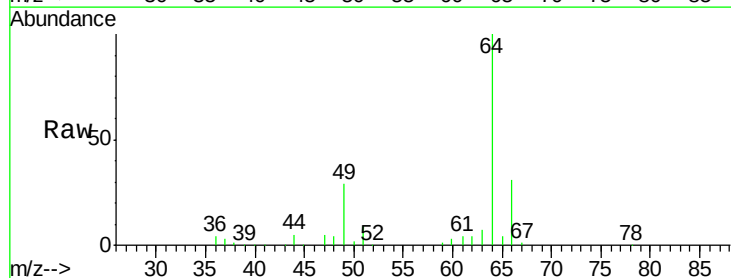
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

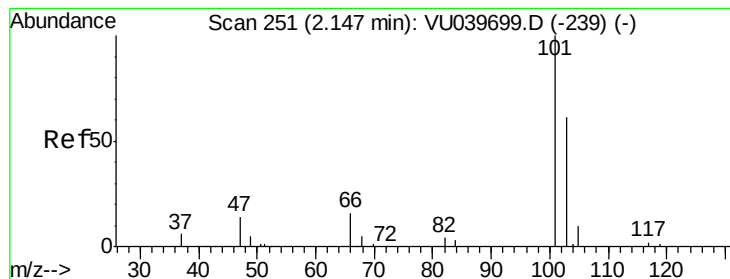
Tgt Ion: 94 Resp: 60847
Ion Ratio Lower Upper
94 100
96 94.1 75.0 112.6



#6
Chloroethane
Concen: 11.393 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion: 64 Resp: 75946
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.2



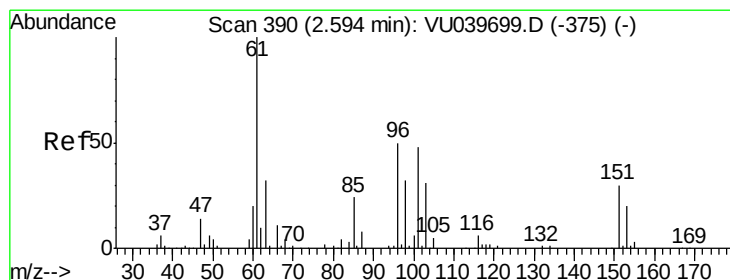
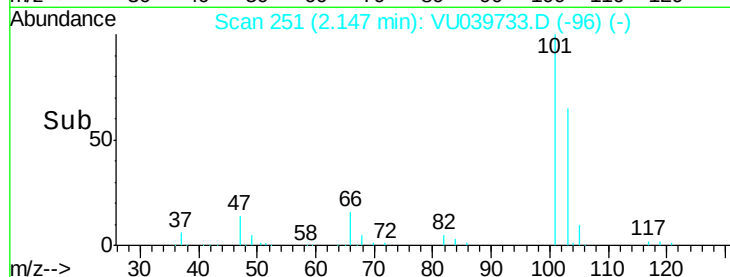
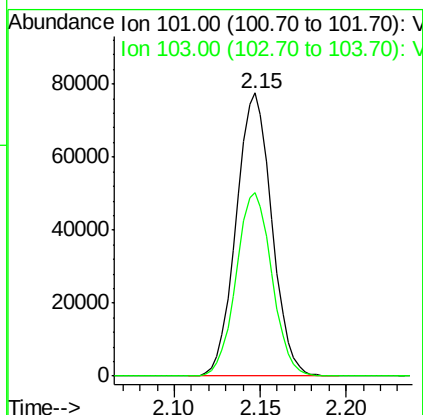
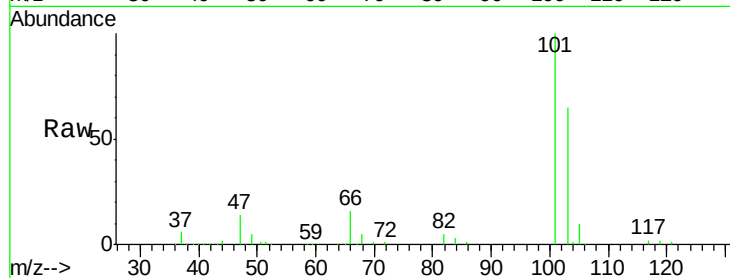


#7

Trichlorofluoromethane
 Concen: 8.811 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

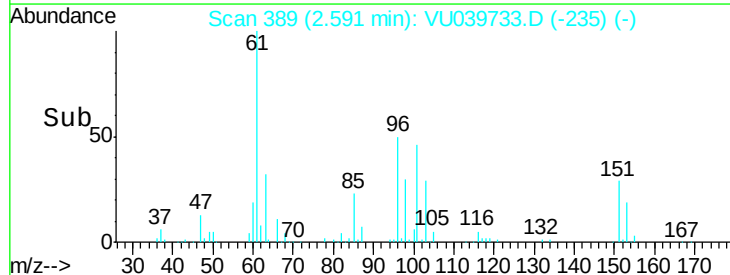
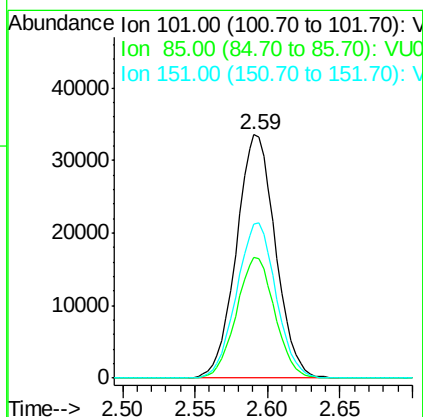
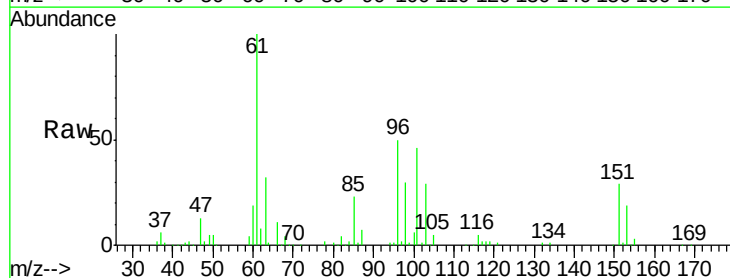
Tgt Ion:101 Resp: 111966
 Ion Ratio Lower Upper
 101 100
 103 64.9 48.8 73.2

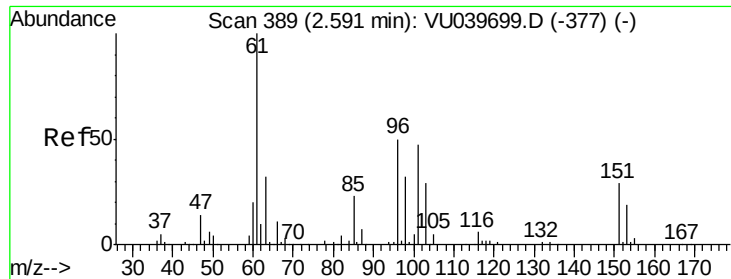


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.602 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion:101 Resp: 62735
 Ion Ratio Lower Upper
 101 100
 85 48.8 39.9 59.9
 151 64.4 51.0 76.4





#9

1,1-Dichloroethene

Concen: 8.625 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

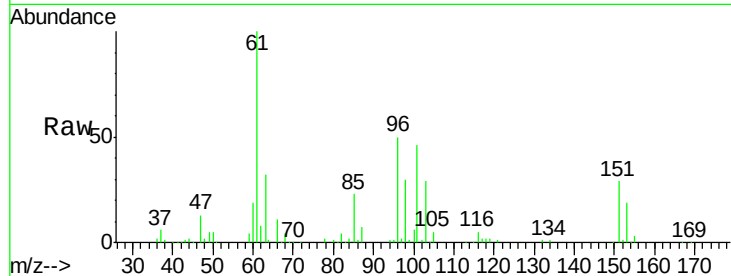
Tgt Ion: 96 Resp: 57877

Ion Ratio Lower Upper

96 100

61 200.1 0.0 604.5

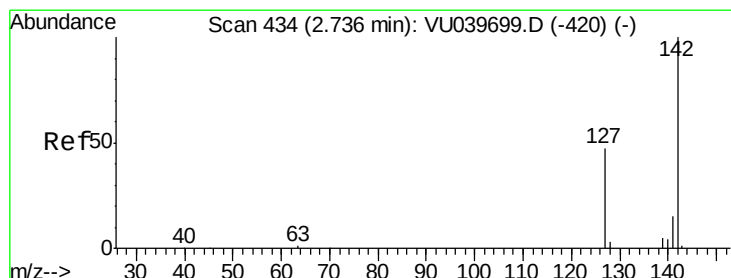
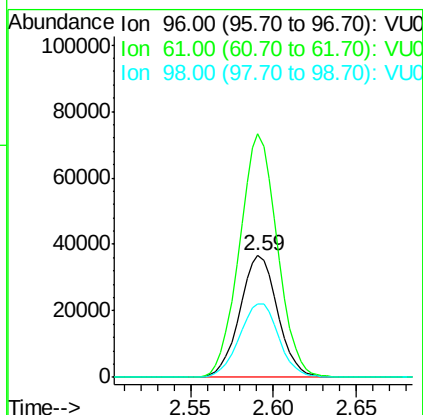
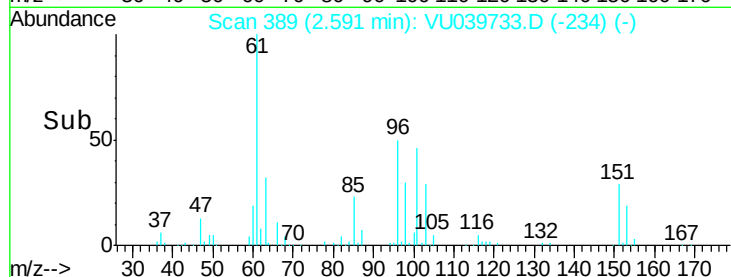
98 60.8 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039733.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU039733.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU039733.D (-234) (-)



#10

Iodomethane

Concen: 11.516 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039733.D

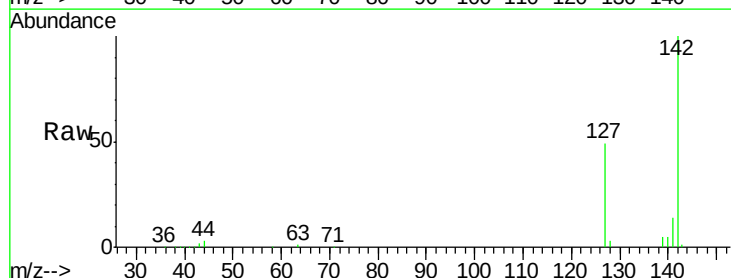
Acq: 31 Jul 2020 14:55

Tgt Ion: 142 Resp: 77937

Ion Ratio Lower Upper

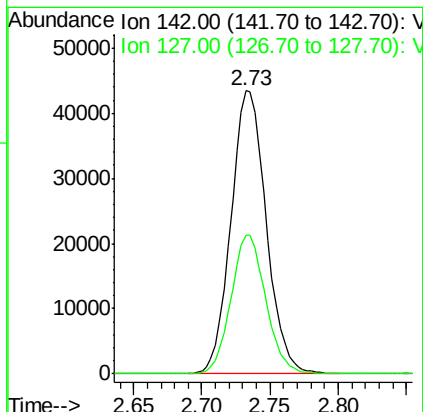
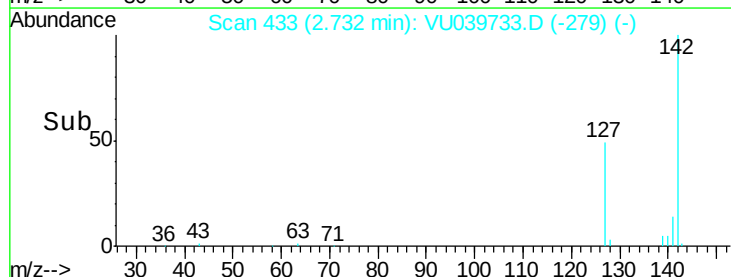
142 100

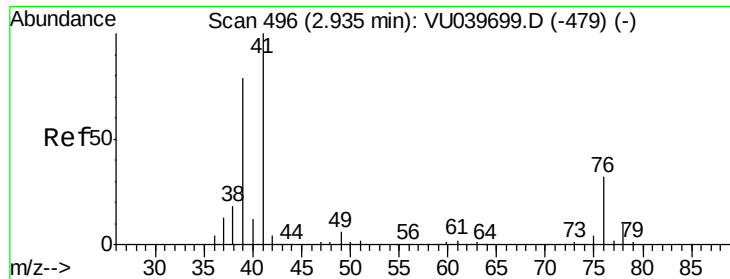
127 48.4 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039733.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU039733.D (-279) (-)

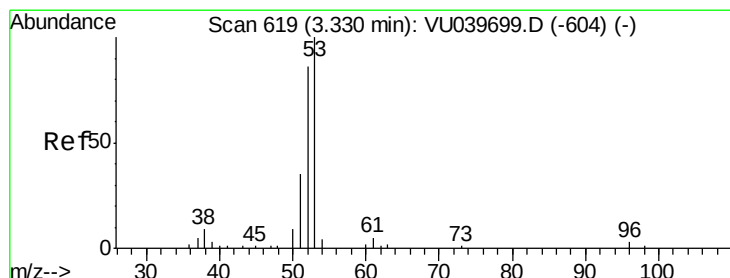
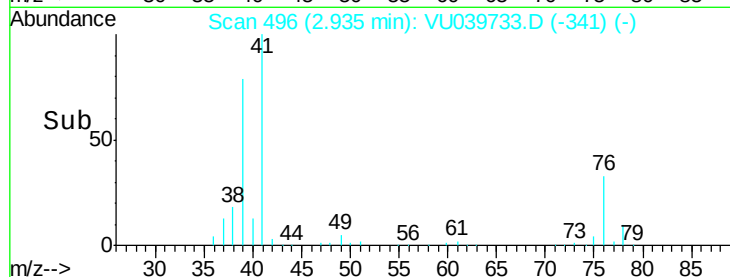
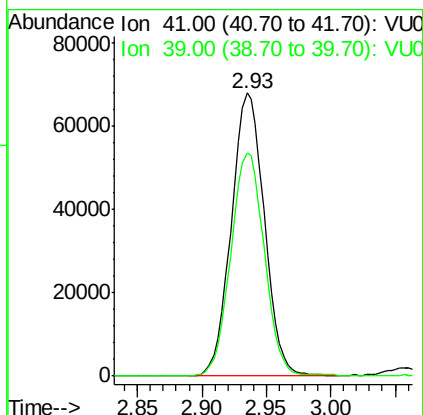
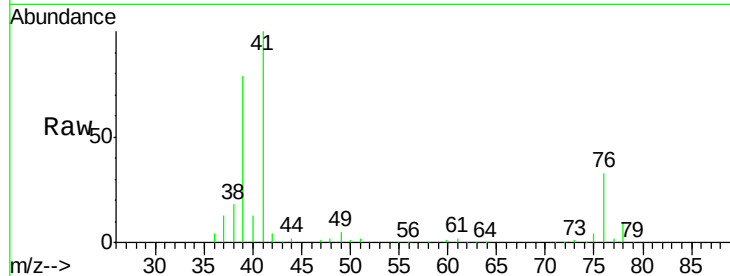




#11
 Allyl Chloride
 Concen: 8.375 ug/l
 RT: 2.93 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

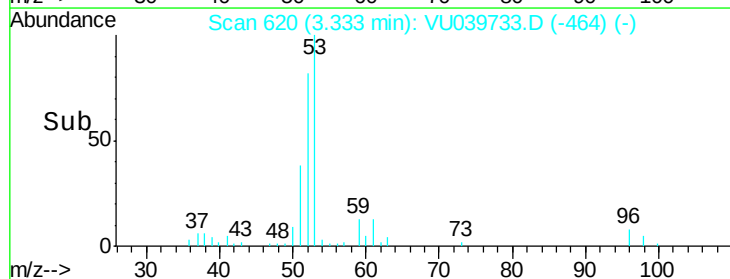
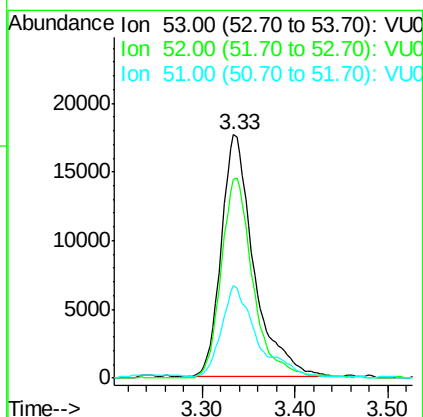
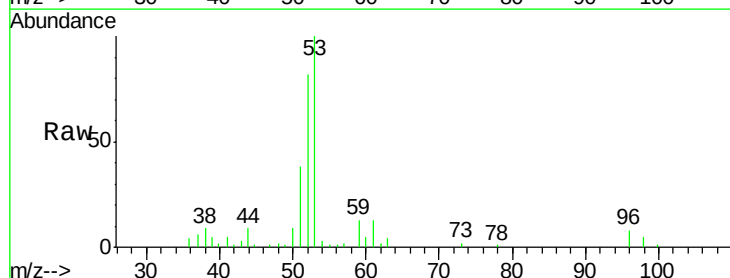
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

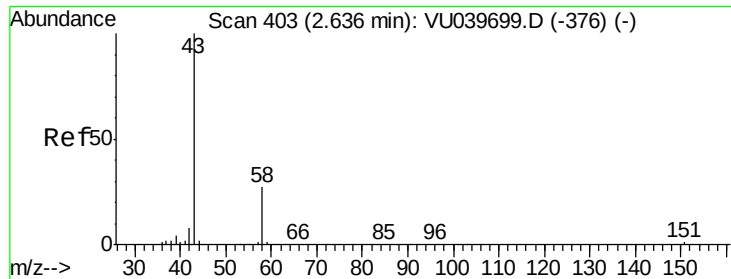
Tgt Ion: 41 Resp: 121225
 Ion Ratio Lower Upper
 41 100
 39 80.5 64.2 96.2



#12
 Acrylonitrile
 Concen: 18.202 ug/l
 RT: 3.33 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion: 53 Resp: 42870
 Ion Ratio Lower Upper
 53 100
 52 81.3 69.1 103.7
 51 39.6 29.4 44.2





#13

Acetone

Concen: 40.423 ug/l

RT: 2.65 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

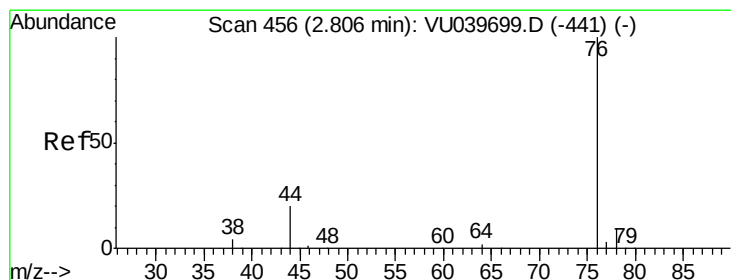
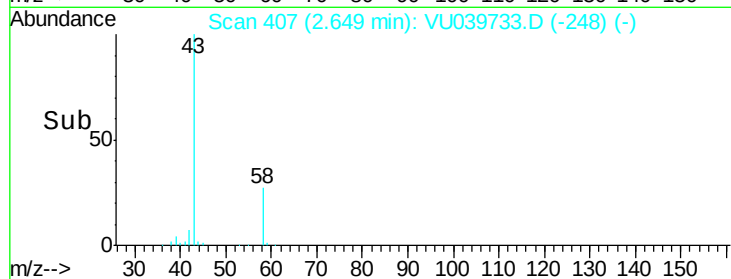
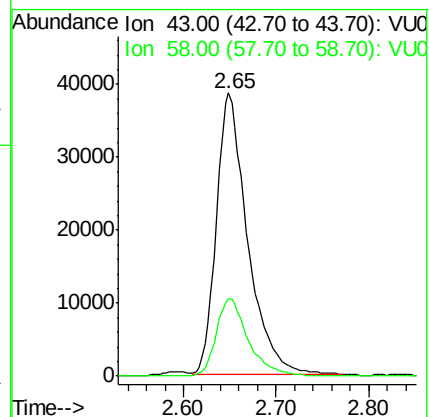
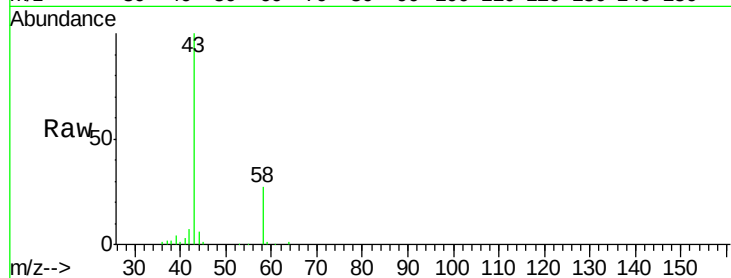
VSTDCCC010EC

Tgt Ion: 43 Resp: 89582

Ion Ratio Lower Upper

43 100

58 27.4 21.8 32.6



#14

Carbon Disulfide

Concen: 8.508 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039733.D

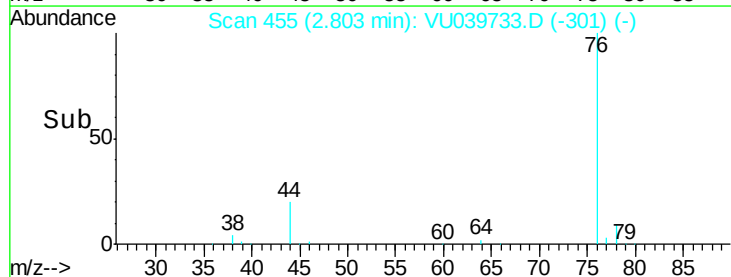
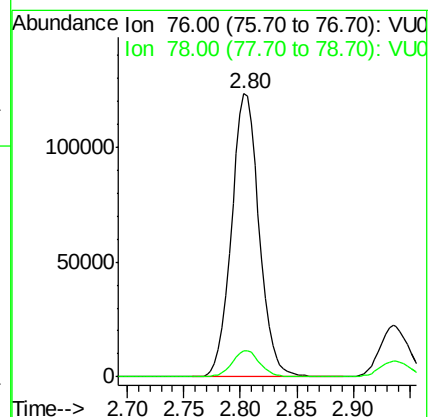
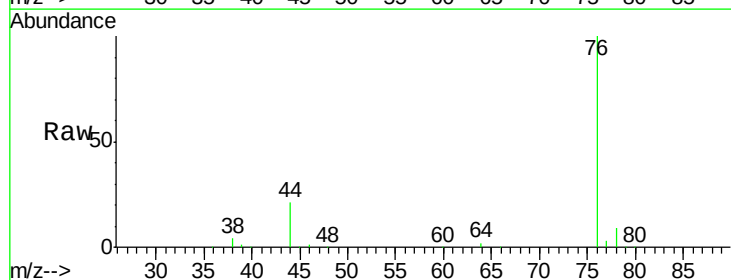
Acq: 31 Jul 2020 14:55

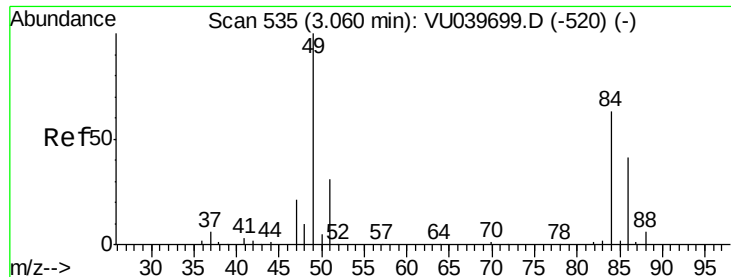
Tgt Ion: 76 Resp: 209351

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

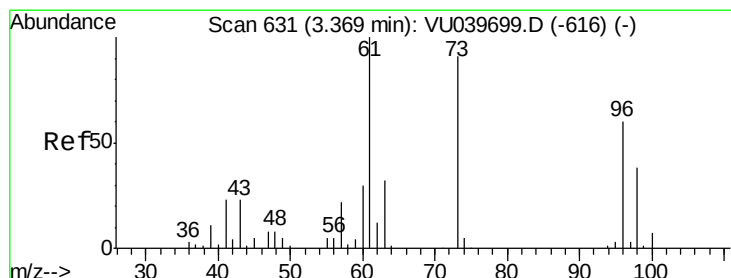
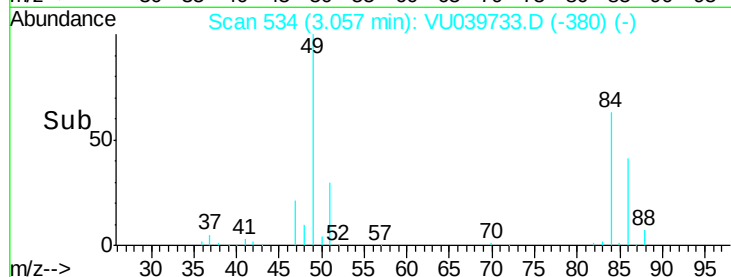
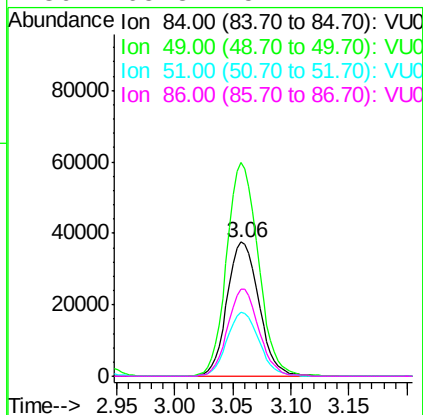
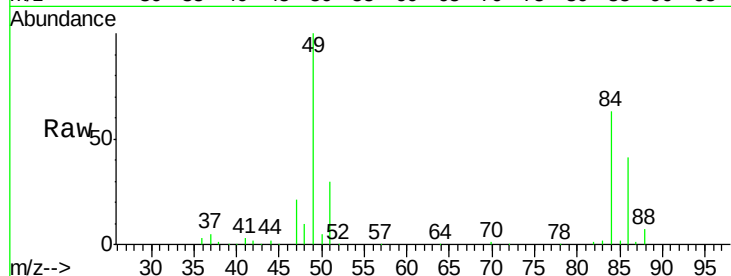




#15
Methylene Chloride
Concen: 7.687 ug/l
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

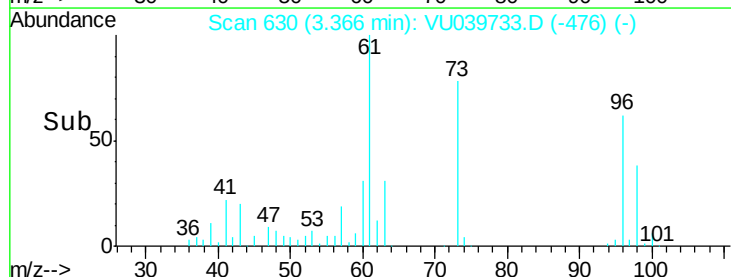
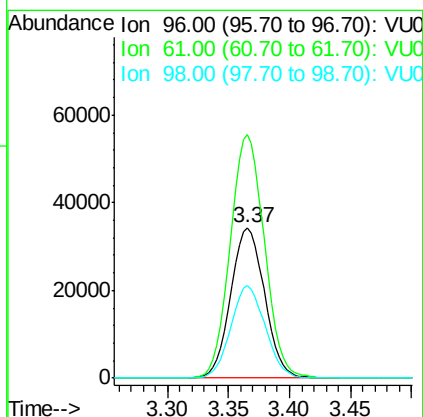
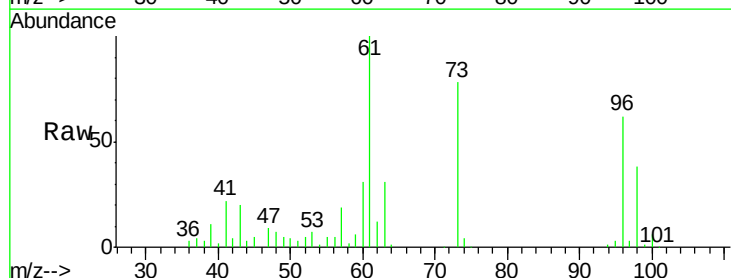
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

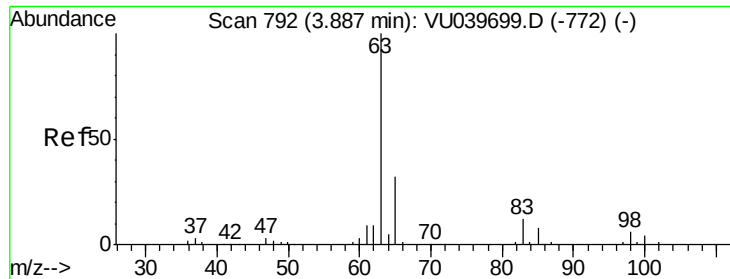
Tgt Ion:	84	Resp:	71900
Ion	Ratio	Lower	Upper
84	100		
49	159.4	126.8	190.2
51	47.6	0.0	97.2
86	65.3	51.4	77.2



#16
trans-1,2-Dichloroethene
Concen: 8.702 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion:	96	Resp:	66385
Ion	Ratio	Lower	Upper
96	100		
61	161.6	132.6	199.0
98	61.3	50.2	75.2

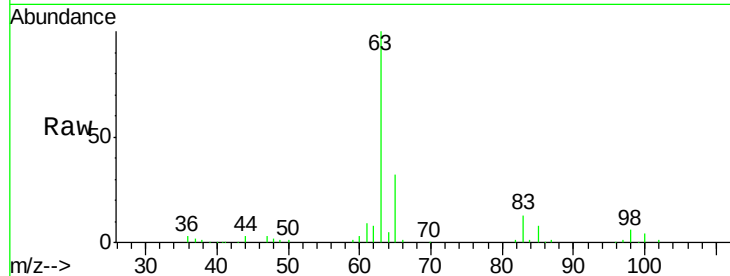




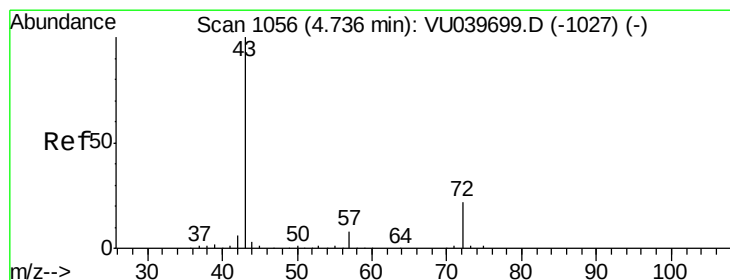
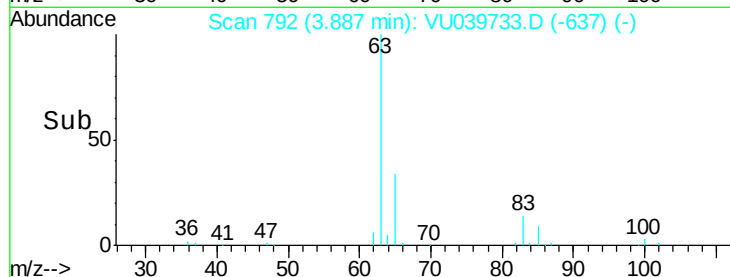
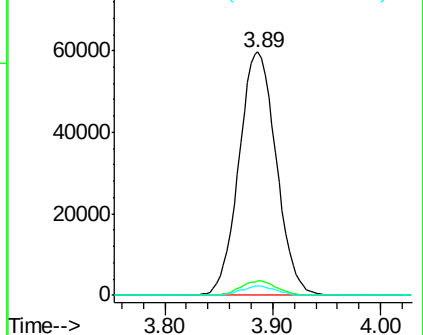
#17
 1,1-Dichloroethane
 Concen: 8.559 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 63 Resp: 143381
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.9 2.0 6.0

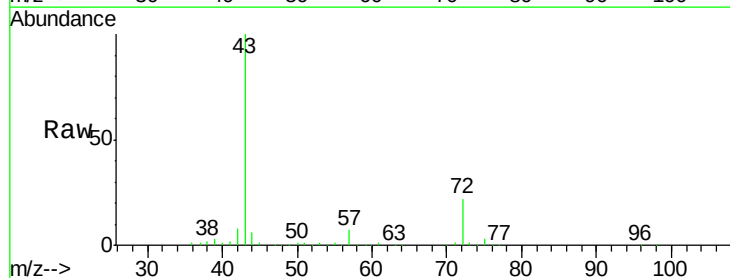


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

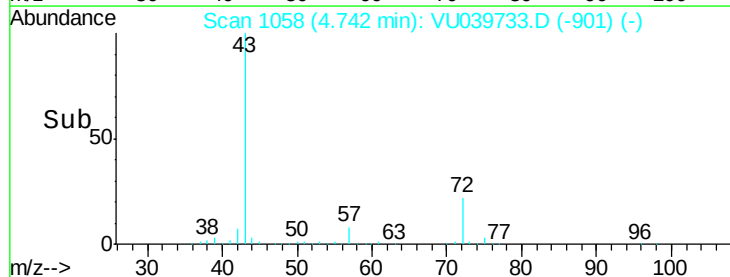
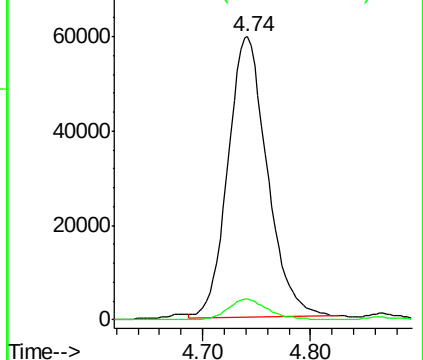


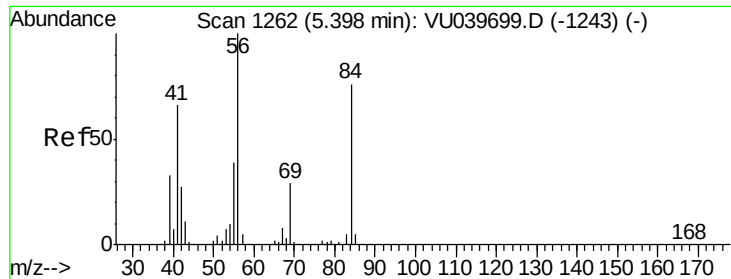
#18
 2-Butanone
 Concen: 40.509 ug/l
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion: 43 Resp: 150961
 Ion Ratio Lower Upper
 43 100
 57 7.4 0.0 15.2



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

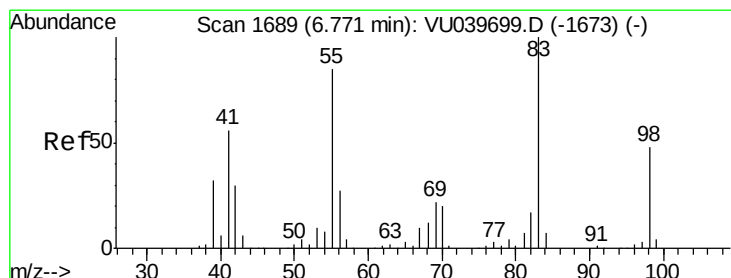
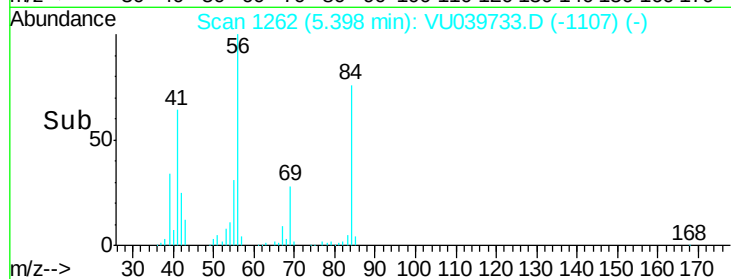
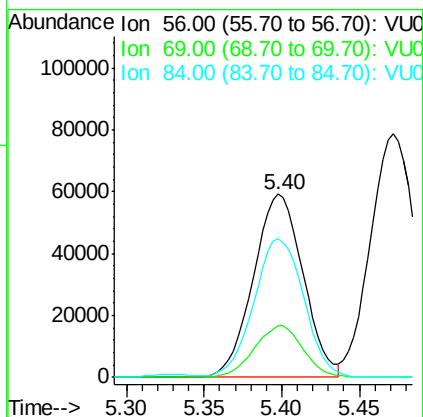
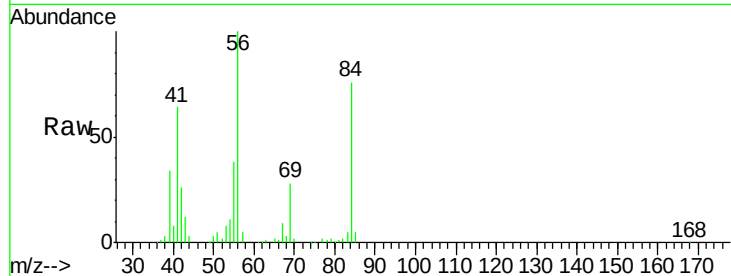




#19
Cyclohexane
Concen: 8.141 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

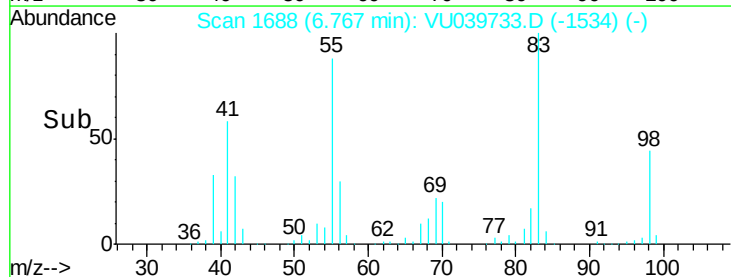
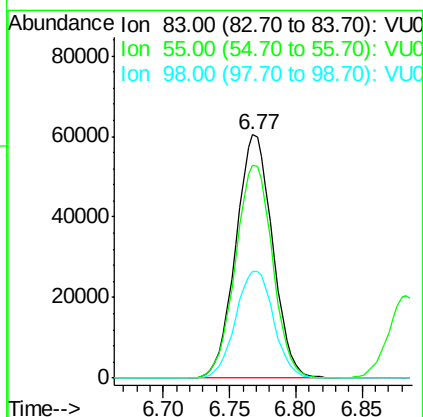
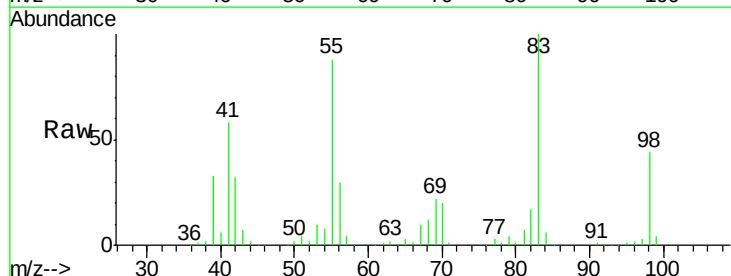
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

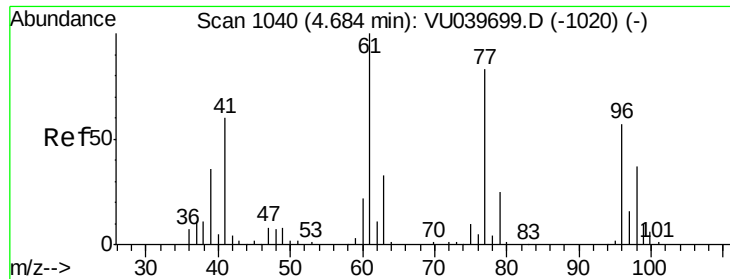
Tgt Ion: 56 Resp: 132000
Ion Ratio Lower Upper
56 100
69 27.5 22.8 34.2
84 74.9 59.9 89.9



#20
Methylcyclohexane
Concen: 9.636 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion: 83 Resp: 115767
Ion Ratio Lower Upper
83 100
55 88.4 67.6 101.4
98 45.6 37.3 55.9

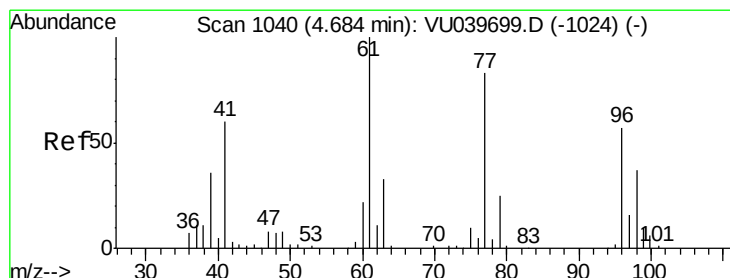
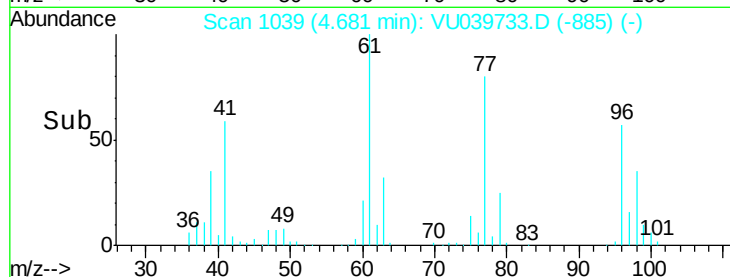
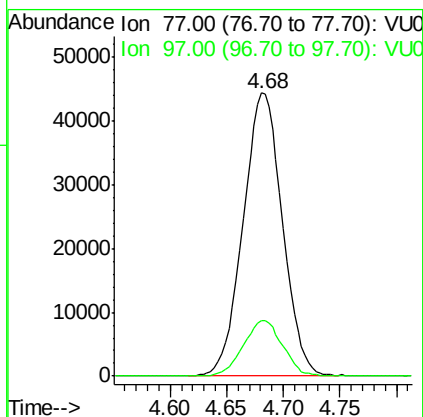
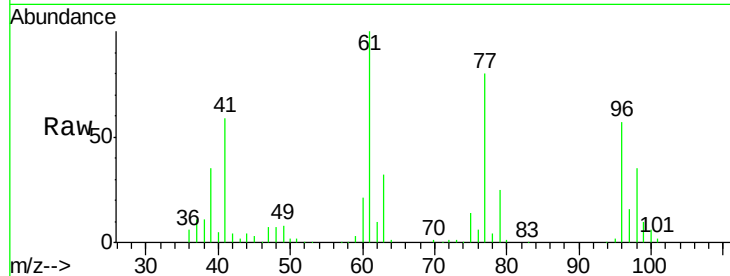




#21
 2,2-Dichloropropane
 Concen: 7.857 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

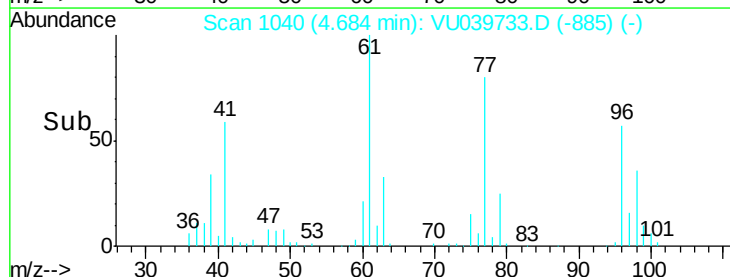
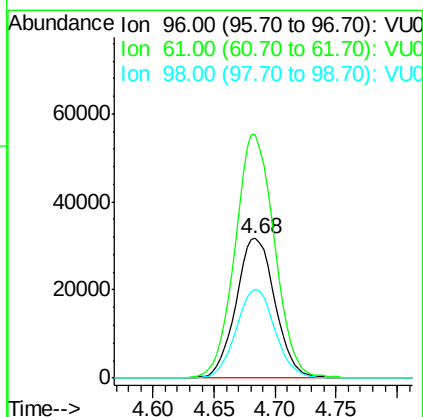
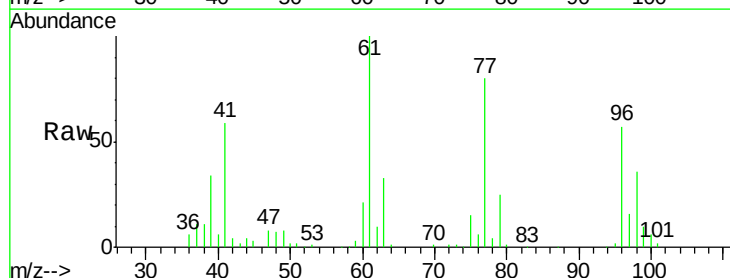
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

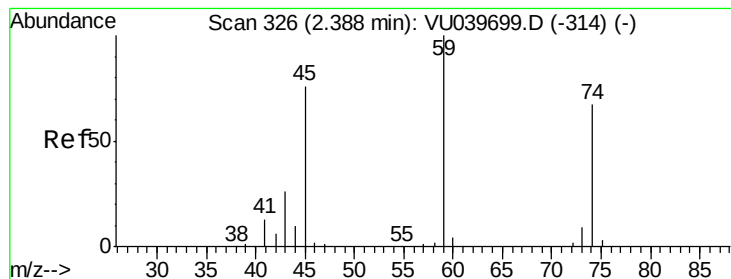
Tgt Ion: 77 Resp: 107364
 Ion Ratio Lower Upper
 77 100
 97 19.6 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 8.551 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion: 96 Resp: 70310
 Ion Ratio Lower Upper
 96 100
 61 176.1 0.0 451.3
 98 63.1 32.6 98.0





#23

Diethyl Ether

Concen: 8.666 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

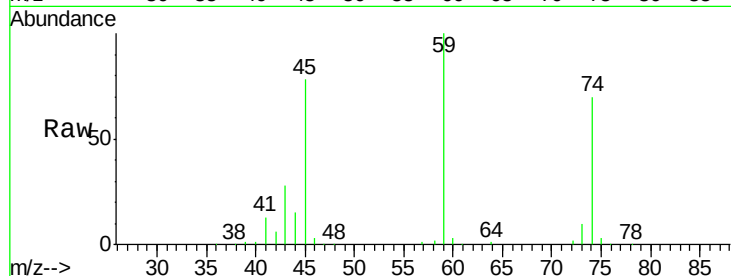
Tgt Ion: 59 Resp: 59454

Ion Ratio Lower Upper

59 100

45 84.0 61.5 92.3

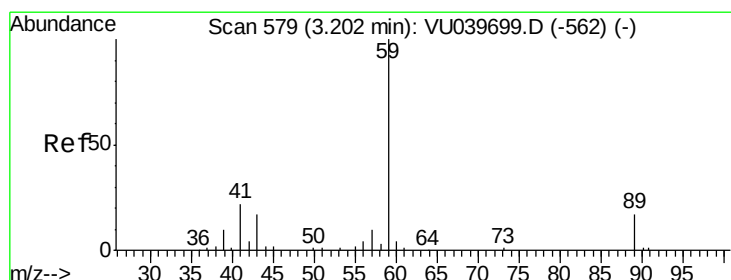
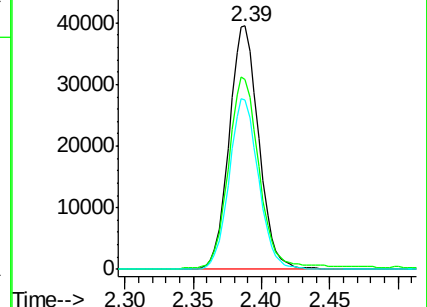
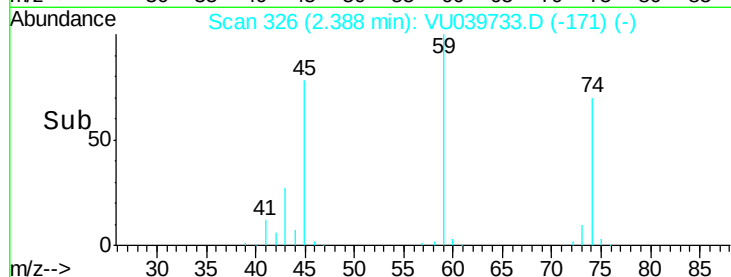
74 69.6 54.3 81.5



Abundance Ion 59.00 (58.70 to 59.70): VU039733.D (-171) (-)

Ion 45.00 (44.70 to 45.70): VU039733.D (-171) (-)

Ion 74.00 (73.70 to 74.70): VU039733.D (-171) (-)



#24

tert-Butyl Alcohol

Concen: 85.921 ug/l

RT: 3.24 min Scan# 590

Delta R.T. 0.04 min

Lab File: VU039733.D

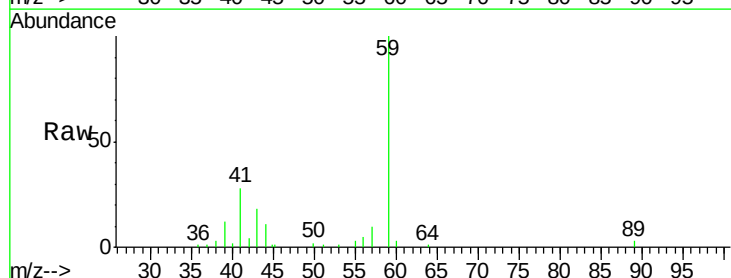
Acq: 31 Jul 2020 14:55

Tgt Ion: 59 Resp: 71126

Ion Ratio Lower Upper

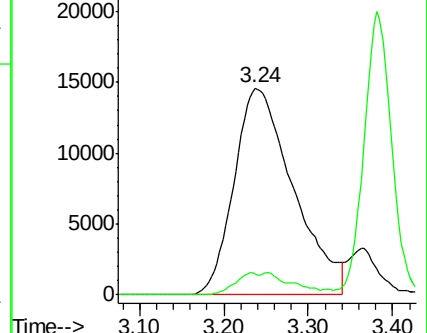
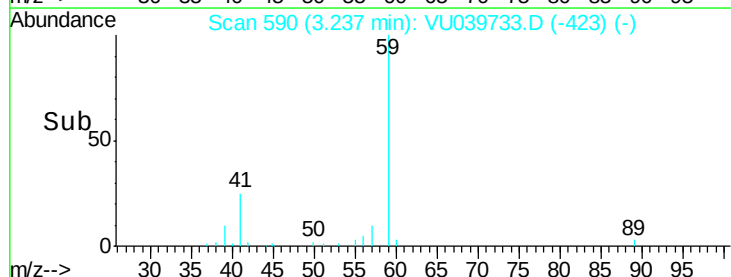
59 100

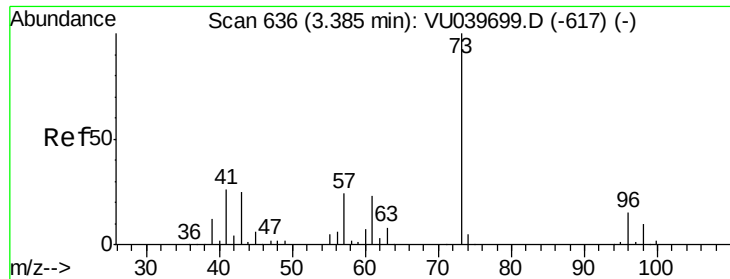
57 4.1 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VU039733.D (-423) (-)

Ion 57.00 (56.70 to 57.70): VU039733.D (-423) (-)



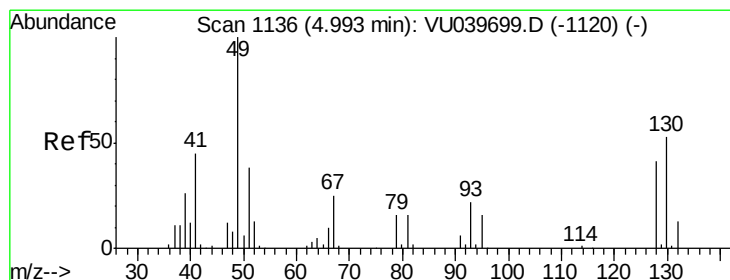
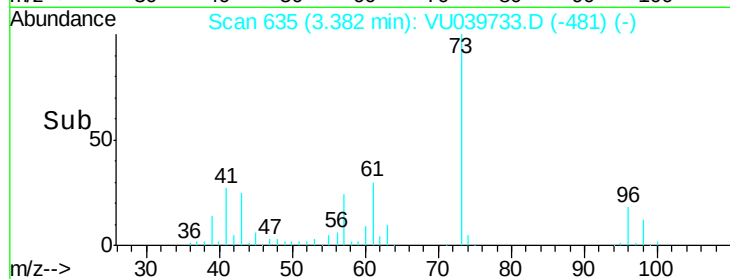
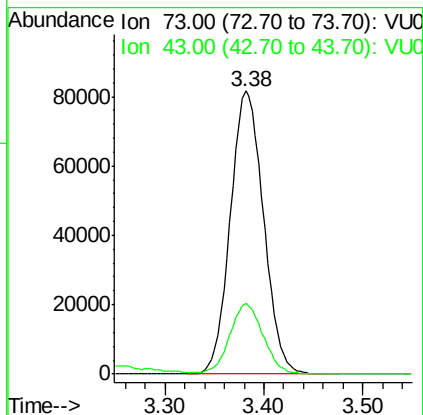
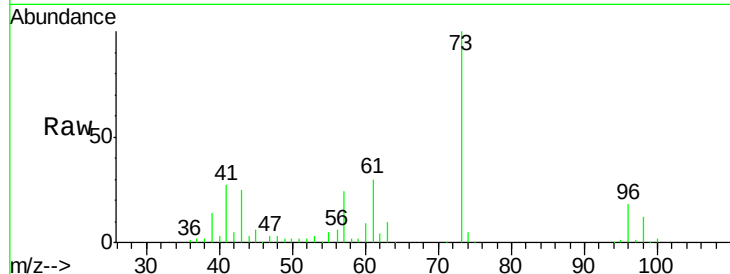


#25

Methyl tert-Butyl Ether
Concen: 8.684 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

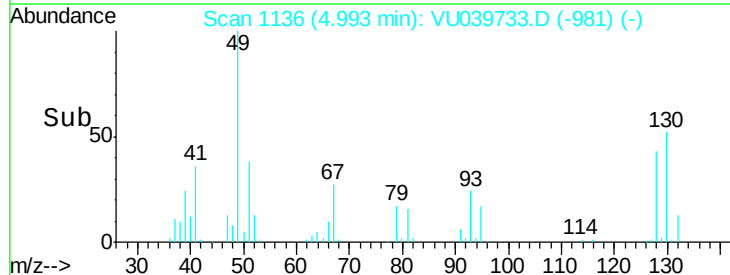
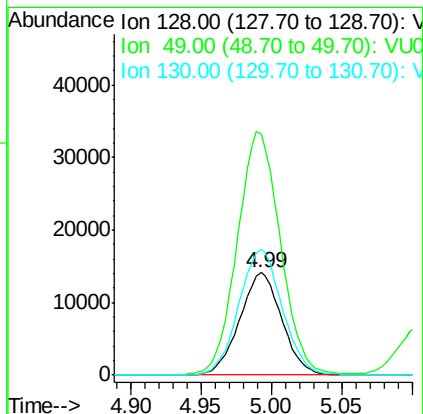
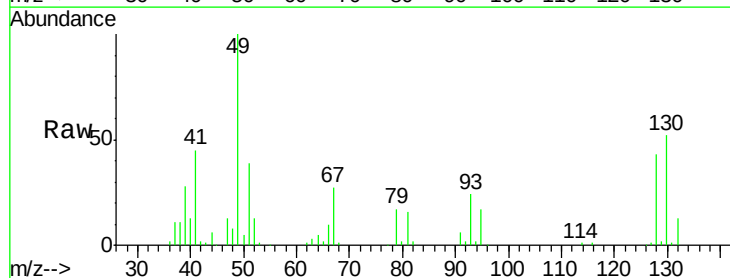
Tgt Ion: 73 Resp: 190135
Ion Ratio Lower Upper
73 100
43 24.9 20.1 30.1

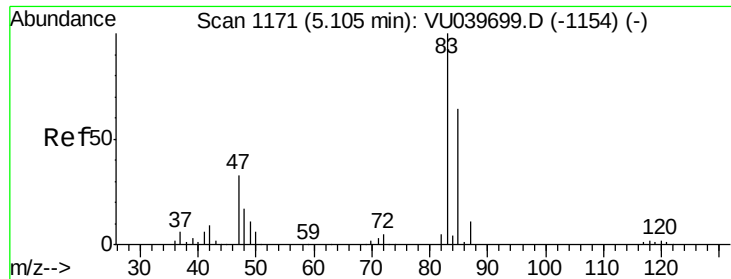


#26

Bromochloromethane
Concen: 8.785 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion: 128 Resp: 29556
Ion Ratio Lower Upper
128 100
49 243.5 0.0 503.8
130 125.9 102.7 154.1

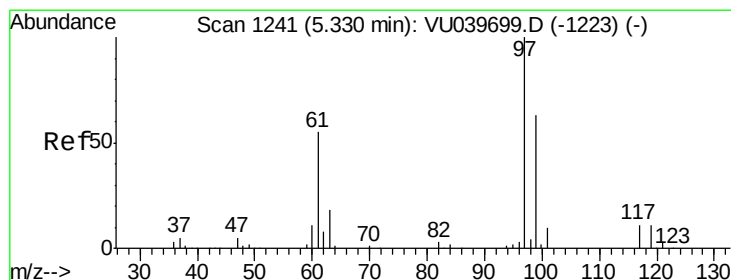
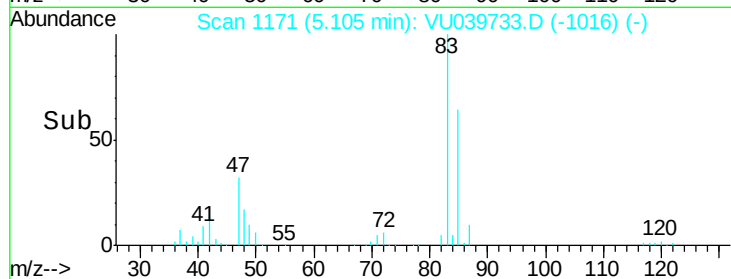
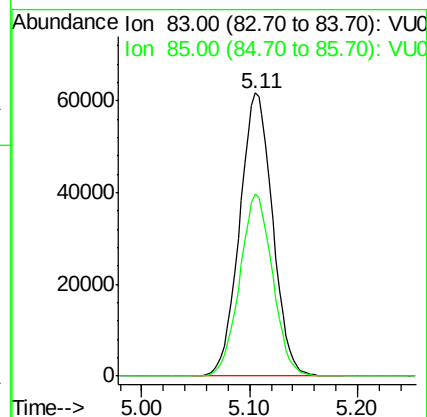
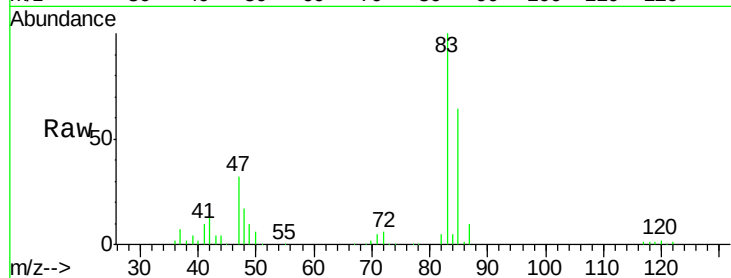




#27
Chloroform
Concen: 8.389 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

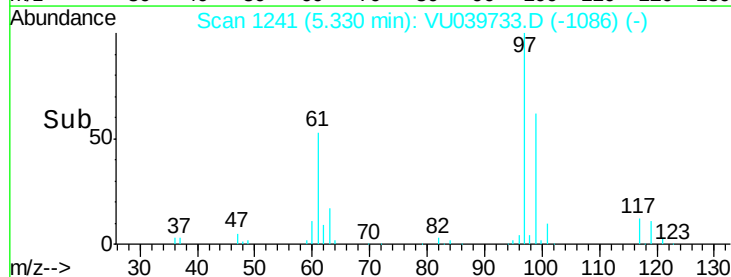
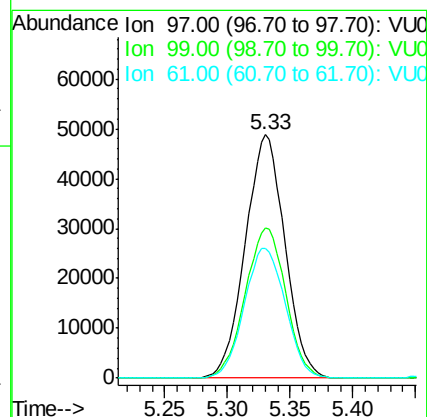
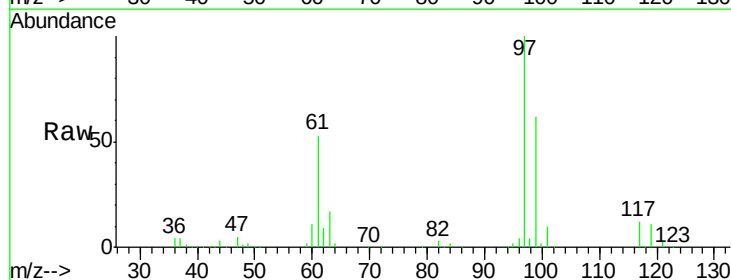
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

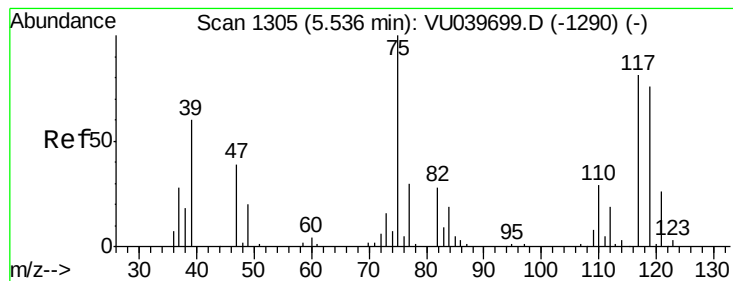
Tgt Ion: 83 Resp: 131522
Ion Ratio Lower Upper
83 100
85 64.4 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 8.461 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion: 97 Resp: 107333
Ion Ratio Lower Upper
97 100
99 63.2 32.2 96.6
61 55.4 28.3 85.0





#29

1,1-Dichloropropene

Concen: 8.350 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

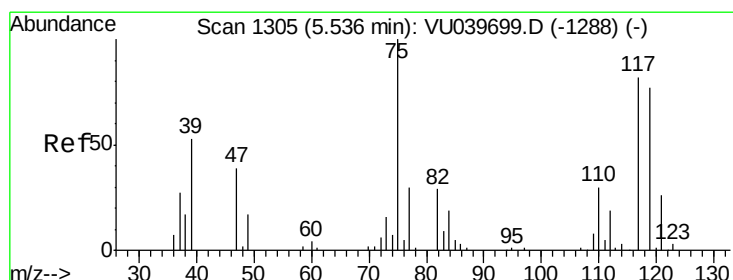
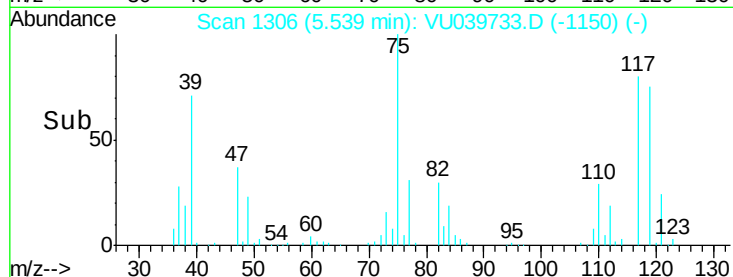
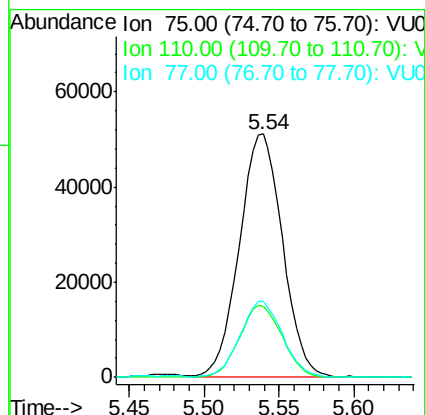
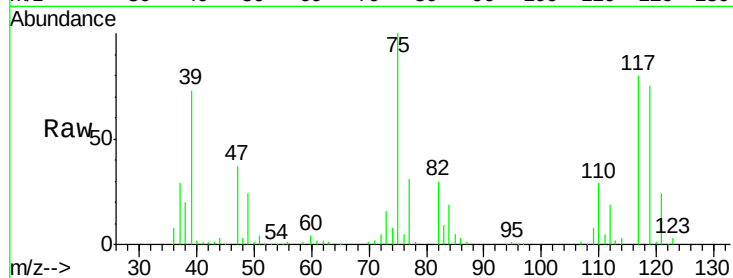
Tgt Ion: 75 Resp: 102000

Ion Ratio Lower Upper

75 100

110 29.5 14.6 44.0

77 30.5 25.0 37.4



#30

Carbon Tetrachloride

Concen: 8.604 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

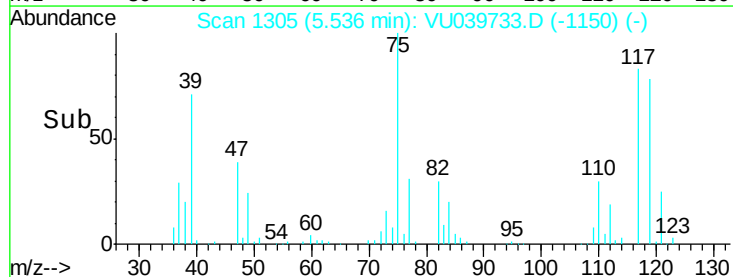
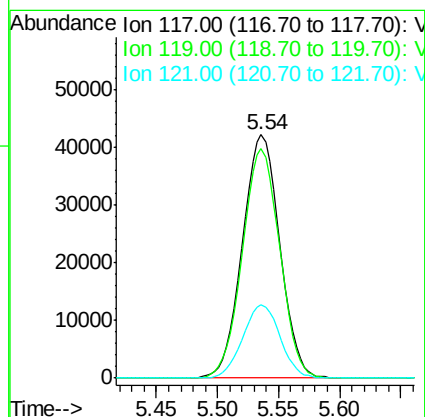
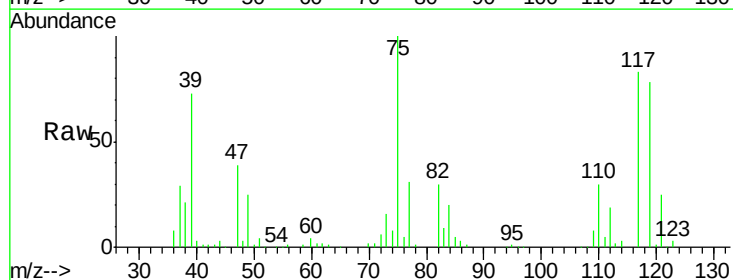
Tgt Ion: 117 Resp: 89254

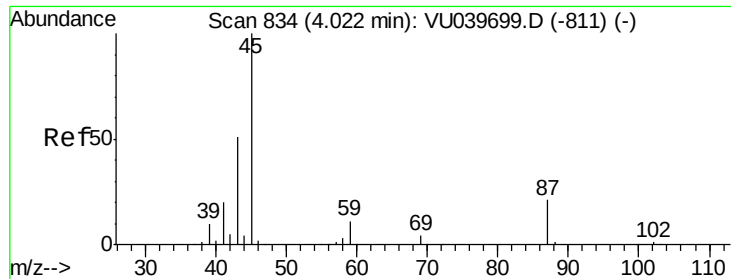
Ion Ratio Lower Upper

117 100

119 94.1 75.2 112.8

121 29.9 25.4 38.2





#31

Isopropyl Ether

Concen: 8.248 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

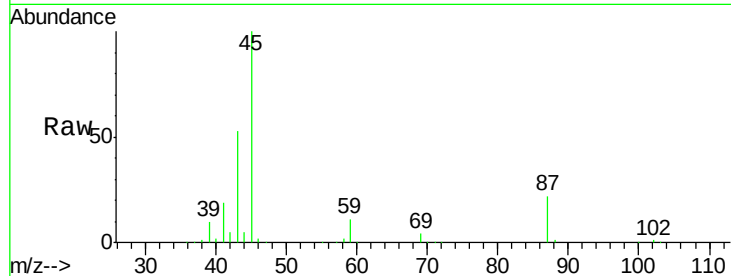
VSTDCCC010EC

Tgt Ion: 45 Resp: 252007

Ion Ratio Lower Upper

45 100

43 53.3 26.5 79.4



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

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

4.02

100000

80000

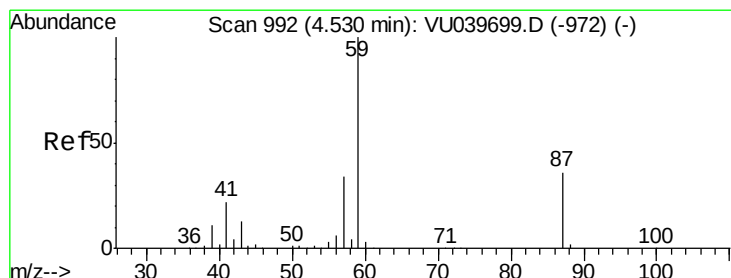
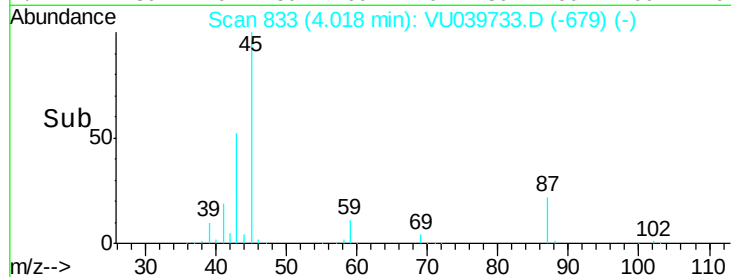
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 8.359 ug/l

RT: 4.53 min Scan# 991

Delta R.T. -0.00 min

Lab File: VU039733.D

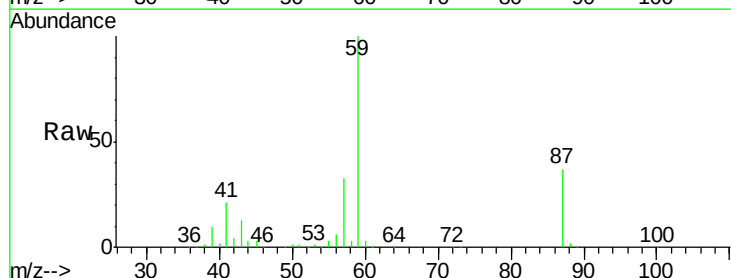
Acq: 31 Jul 2020 14:55

Tgt Ion: 59 Resp: 217342

Ion Ratio Lower Upper

59 100

87 38.0 29.4 44.0



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

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

4.53

100000

80000

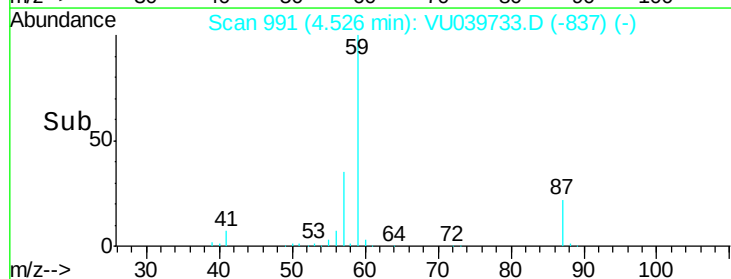
60000

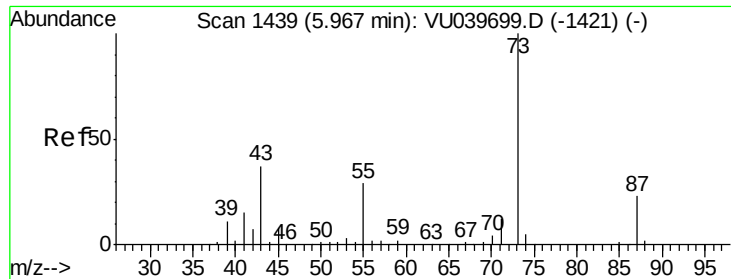
40000

20000

0

Time-->



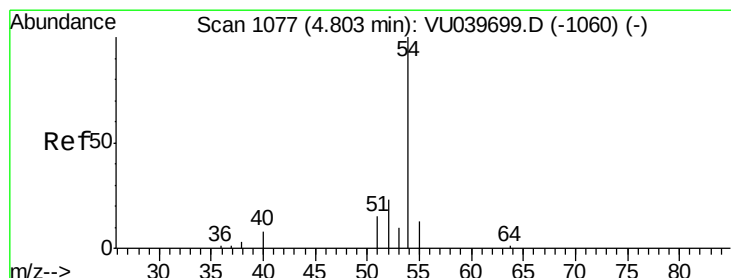
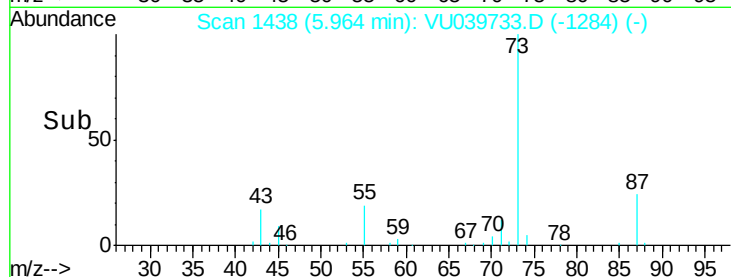
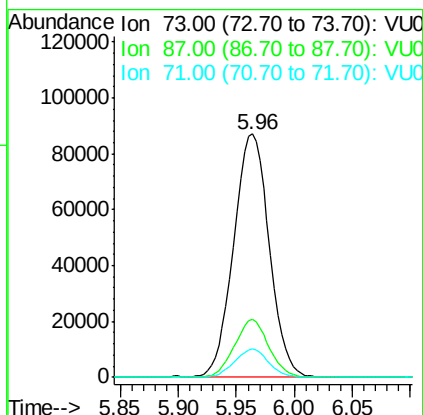
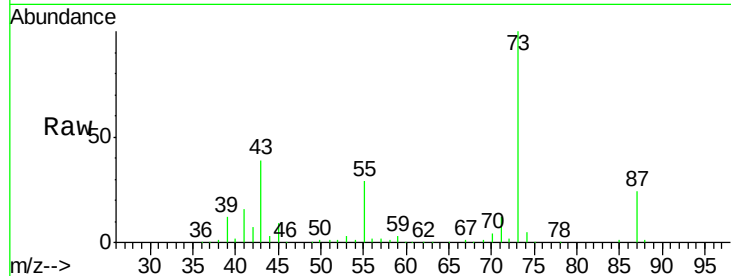


#33

Tert-Amyl methyl ether
 Concen: 9.814 ug/l
 RT: 5.96 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

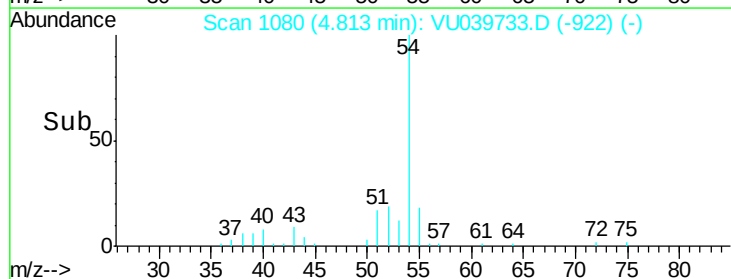
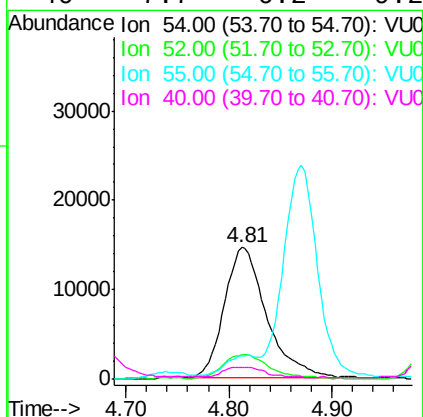
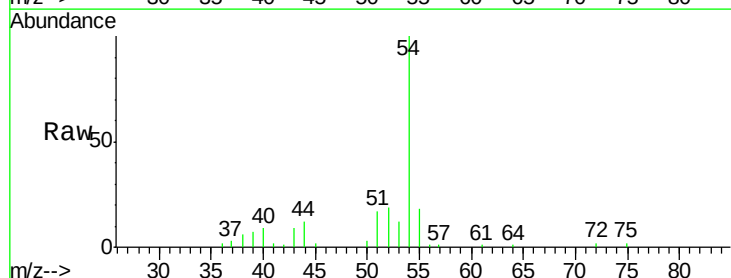
Tgt Ion: 73 Resp: 183962
 Ion Ratio Lower Upper
 73 100
 87 23.1 18.7 28.1
 71 11.3 9.1 13.7

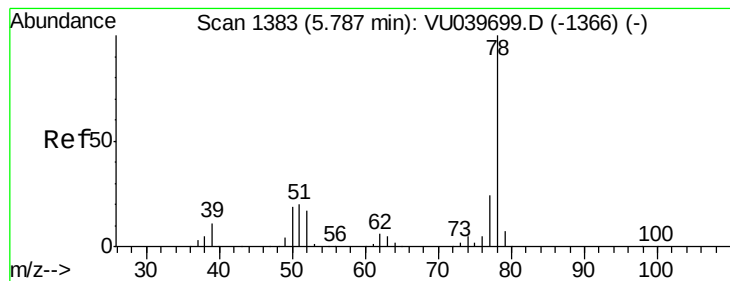


#34

Propionitrile
 Concen: 45.234 ug/l
 RT: 4.81 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion: 54 Resp: 41584
 Ion Ratio Lower Upper
 54 100
 52 21.4 16.9 25.3
 55 11.8 12.9 19.3#
 40 7.7 6.2 9.2





#35

Benzene

Concen: 9.366 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

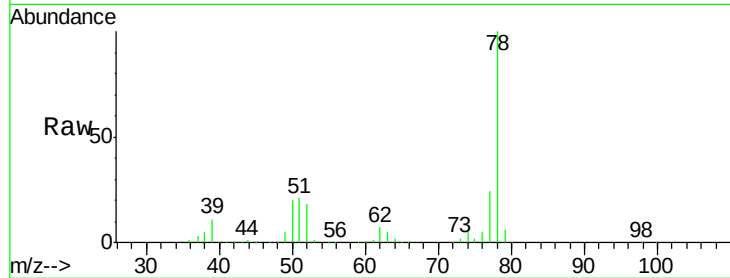
VSTDCCC010EC

Tgt Ion: 78 Resp: 283016

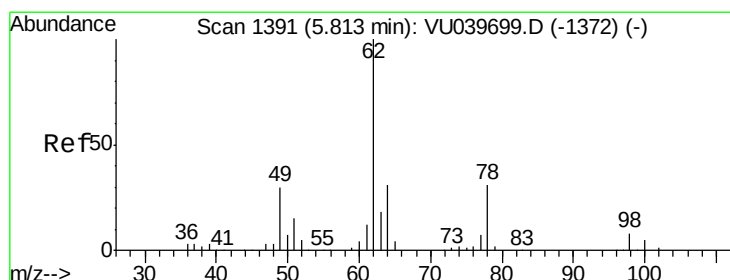
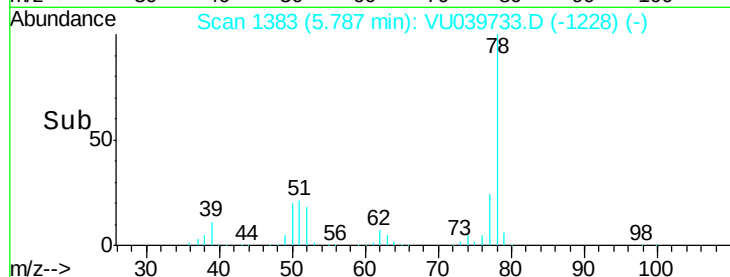
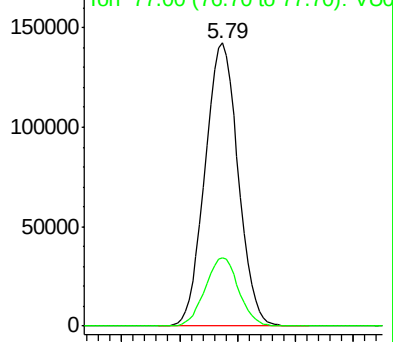
Ion Ratio Lower Upper

78 100

77 24.3 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039733.D (-1228) (-)



#36

1,2-Dichloroethane

Concen: 9.585 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039733.D

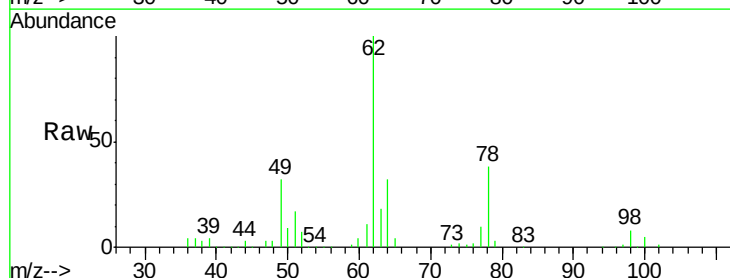
Acq: 31 Jul 2020 14:55

Tgt Ion: 62 Resp: 108567

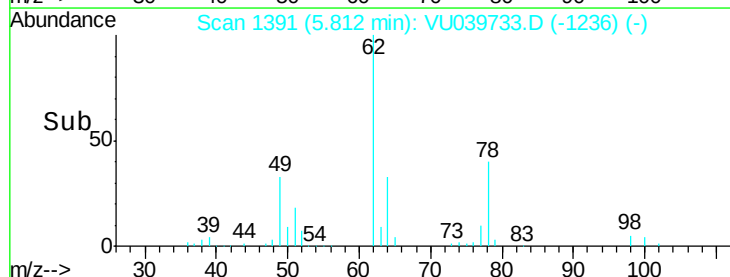
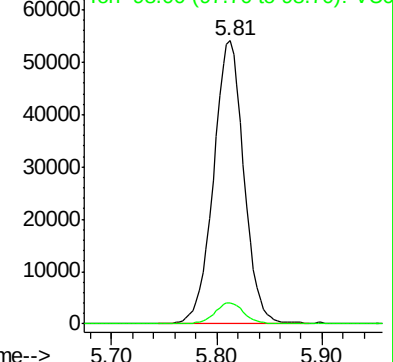
Ion Ratio Lower Upper

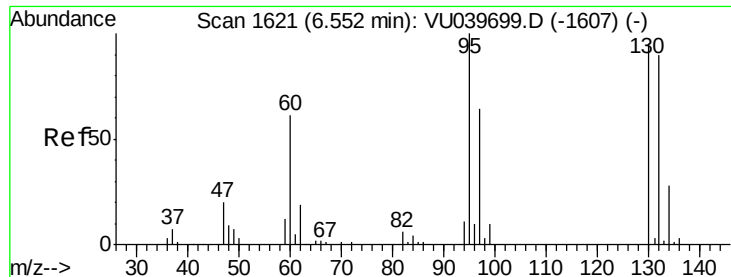
62 100

98 7.2 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039733.D (-1236) (-)

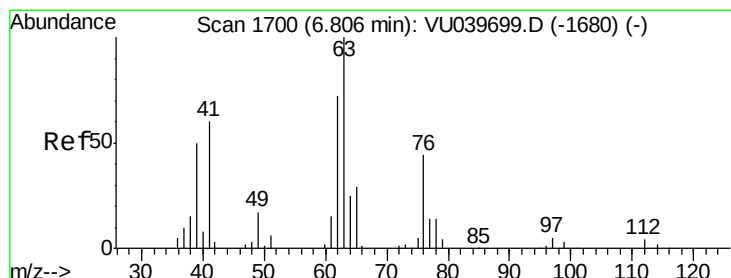
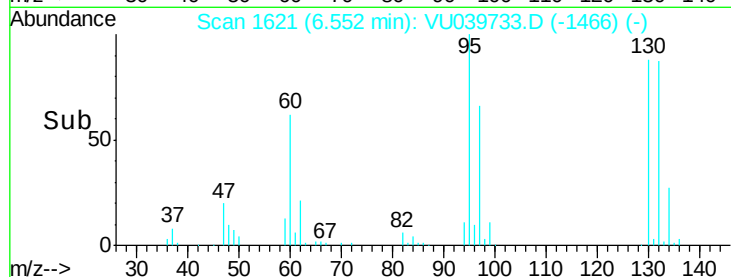
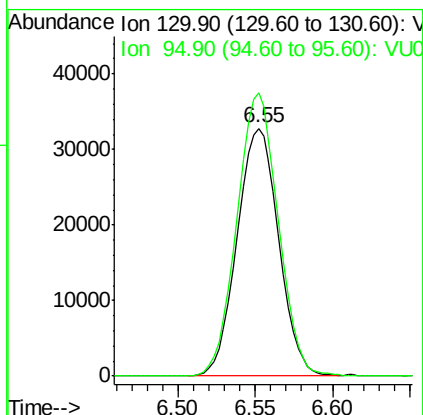
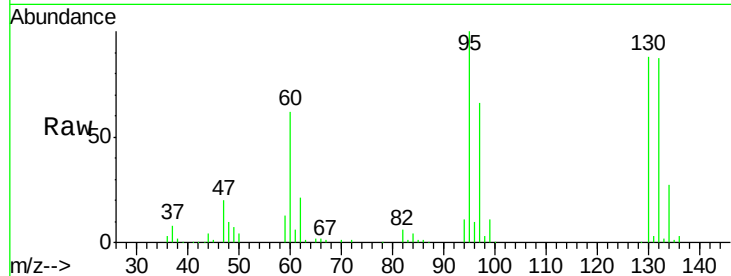




#37
 Trichloroethene
 Concen: 8.880 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

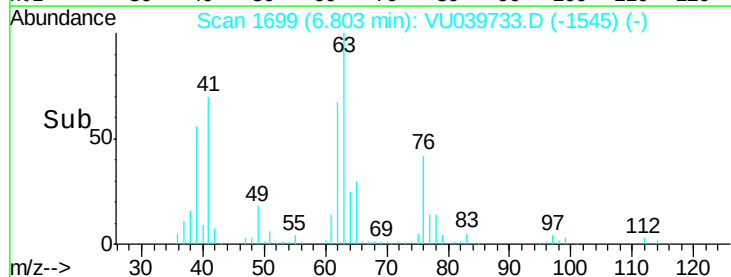
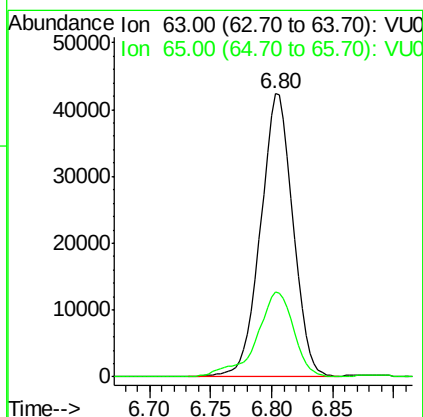
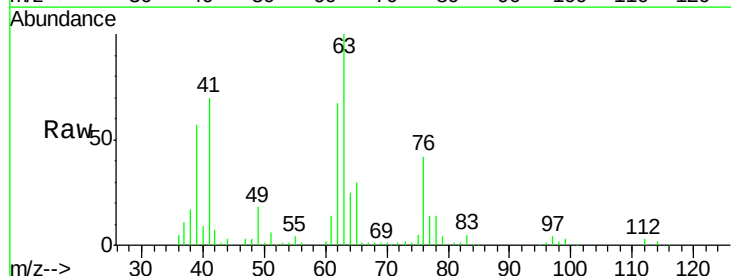
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

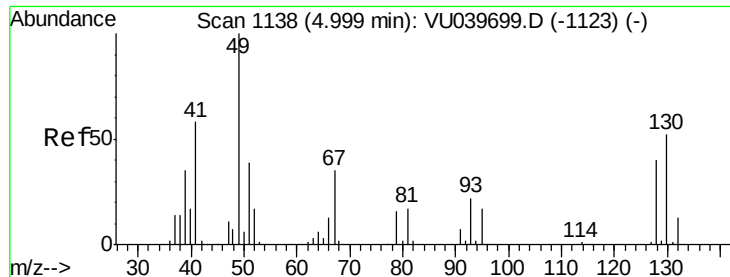
Tgt Ion: 130 Resp: 61394
 Ion Ratio Lower Upper
 130 100
 95 114.3 84.3 126.5



#38
 1,2-Dichloropropane
 Concen: 9.422 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion: 63 Resp: 78468
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.6

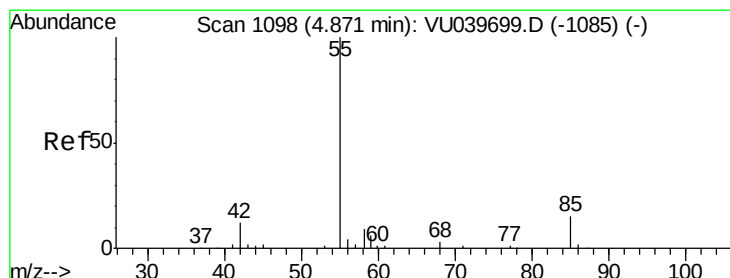
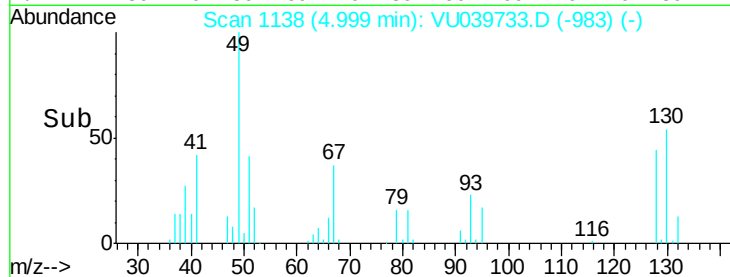
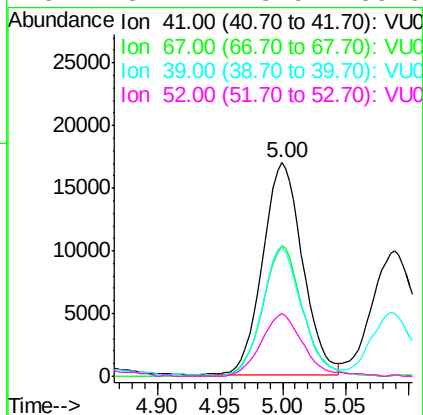
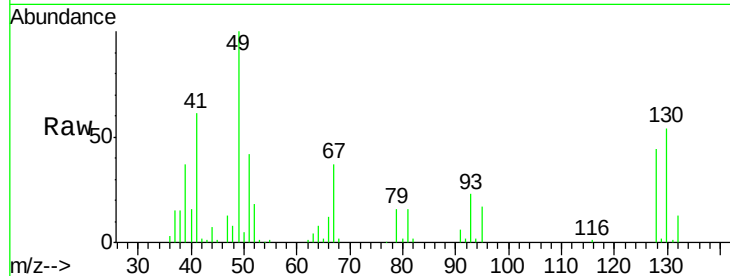




#39
Methacrylonitrile
Concen: 7.763 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

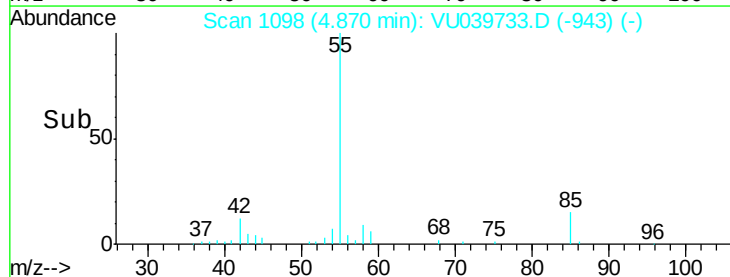
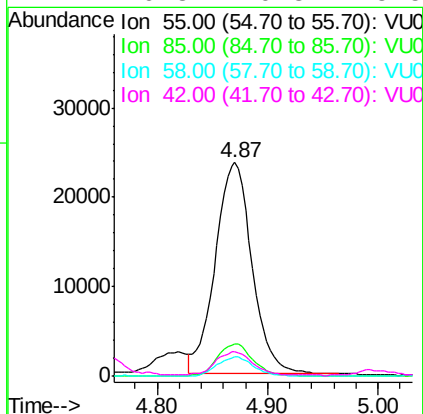
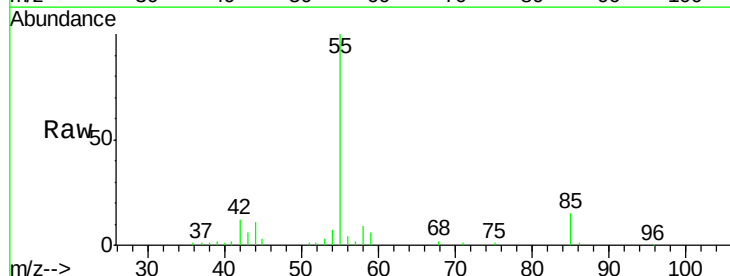
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

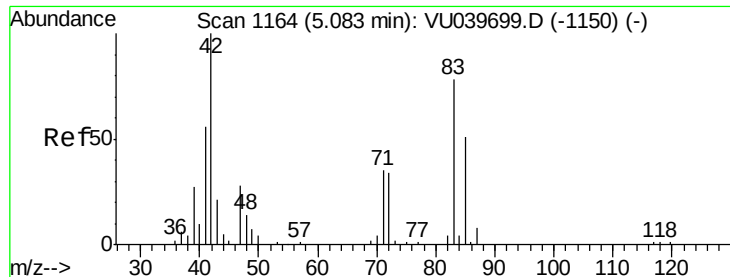
Tgt Ion:	41	Resp:	37610
Ion	Ratio	Lower	Upper
41	100		
67	61.6	48.3	72.5
39	60.3	47.6	71.4
52	31.2	23.9	35.9



#40
Methyl acrylate
Concen: 8.750 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion:	55	Resp:	54664
Ion	Ratio	Lower	Upper
55	100		
85	14.5	11.4	17.0
58	8.7	7.4	11.0
42	10.8	10.3	15.5





#41

Tetrahydrofuran

Concen: 16.414 ug/l

RT: 5.09 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

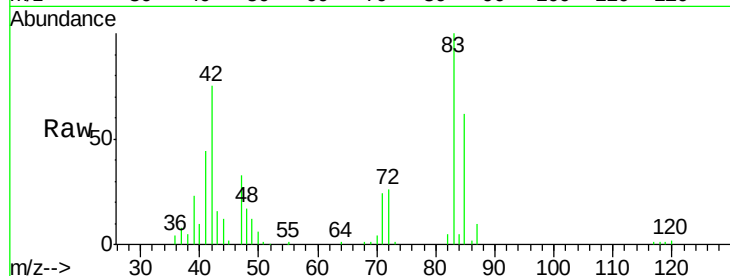
Tgt Ion: 42 Resp: 40008

Ion Ratio Lower Upper

42 100

72 38.5 31.0 46.6

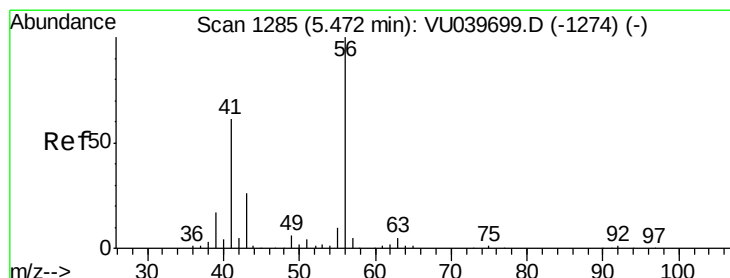
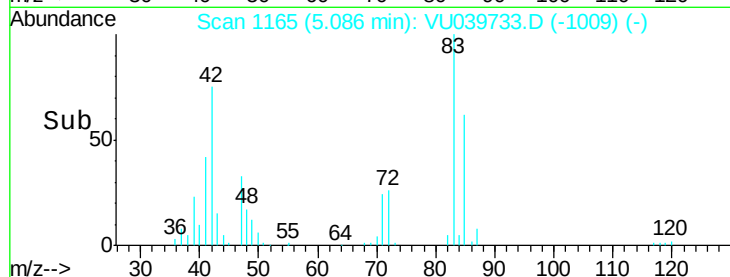
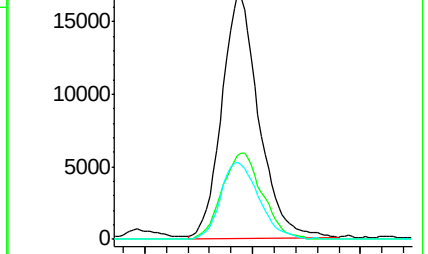
71 32.7 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU039699.D (-1150) (-)

Ion 72.00 (71.70 to 72.70): VU039699.D (-1150) (-)

Ion 71.00 (70.70 to 71.70): VU039699.D (-1150) (-)



#42

1-Chlorobutane

Concen: 8.301 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039733.D

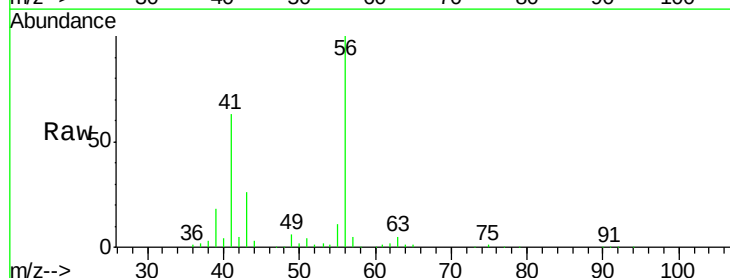
Acq: 31 Jul 2020 14:55

Tgt Ion: 56 Resp: 159161

Ion Ratio Lower Upper

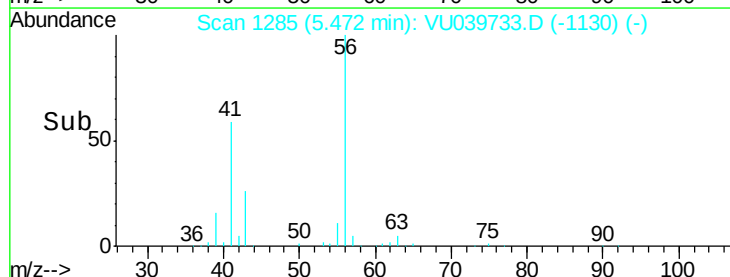
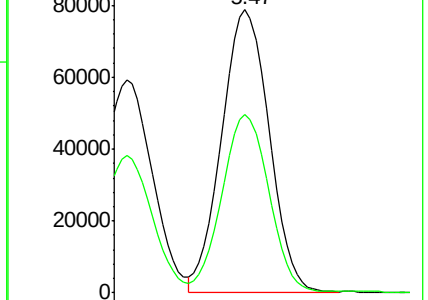
56 100

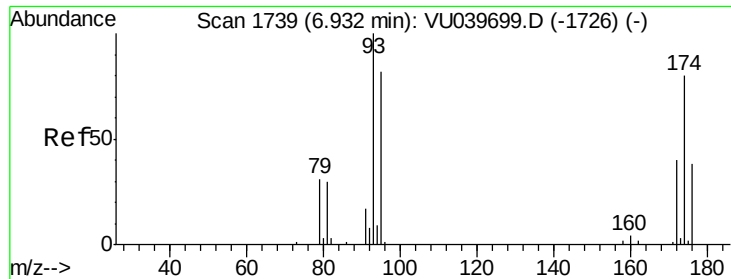
41 61.5 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039699.D (-1274) (-)

Ion 41.00 (40.70 to 41.70): VU039699.D (-1274) (-)





#43

Dibromomethane

Concen: 9.171 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

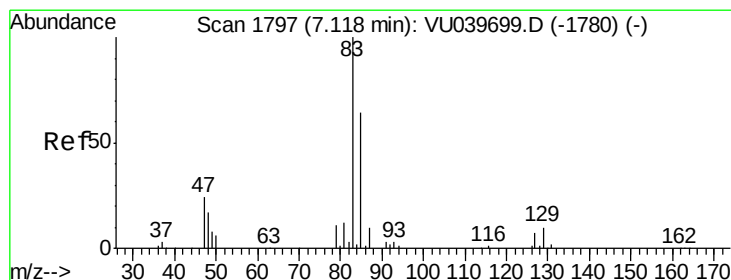
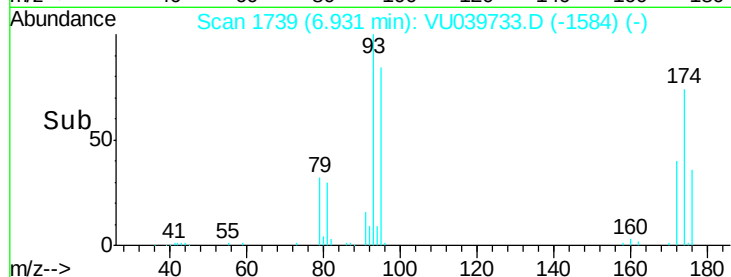
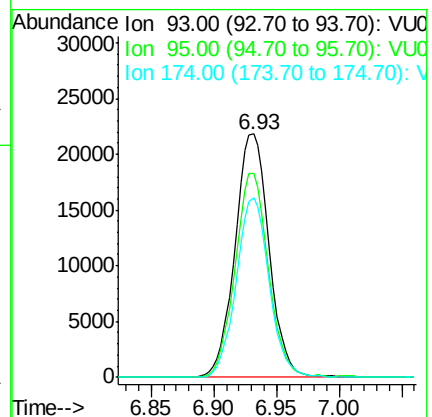
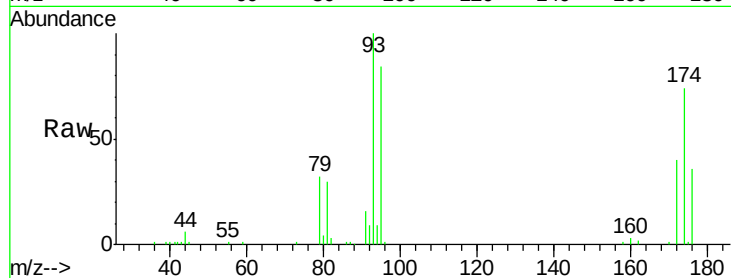
Tgt Ion: 93 Resp: 41101

Ion Ratio Lower Upper

93 100

95 82.5 66.6 99.8

174 71.4 62.7 94.1



#44

Bromodichloromethane

Concen: 8.916 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

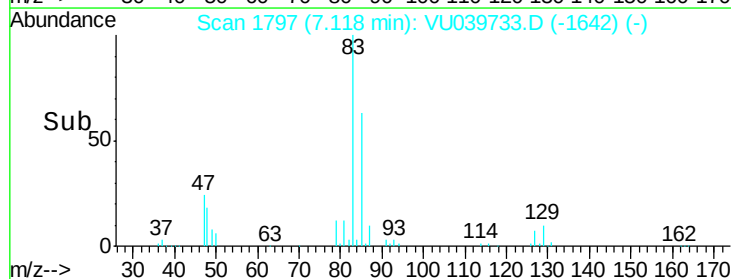
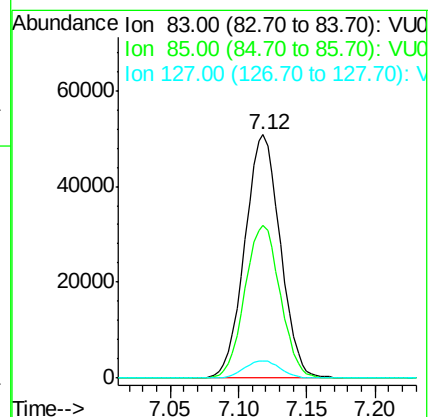
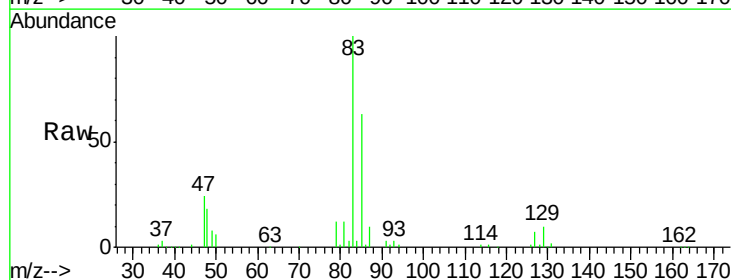
Tgt Ion: 83 Resp: 91615

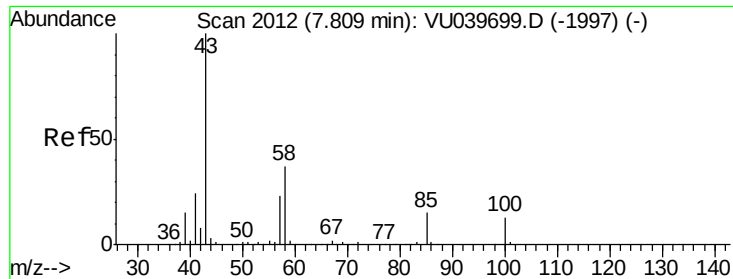
Ion Ratio Lower Upper

83 100

85 62.7 50.8 76.2

127 7.2 5.8 8.6

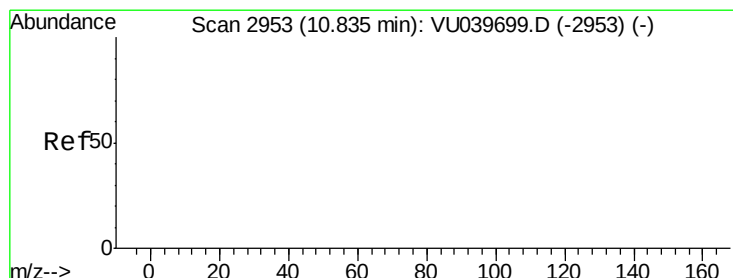
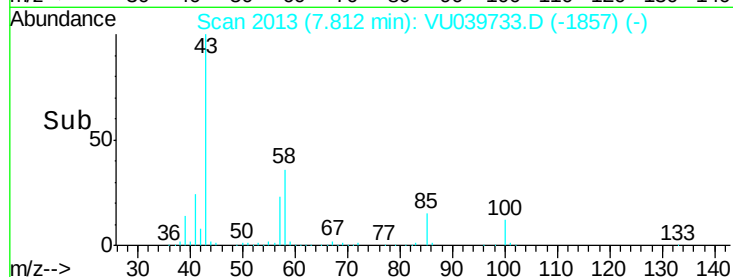
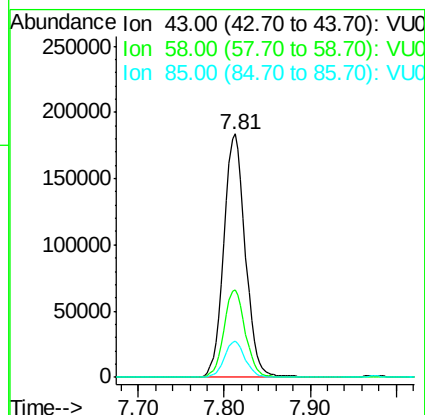
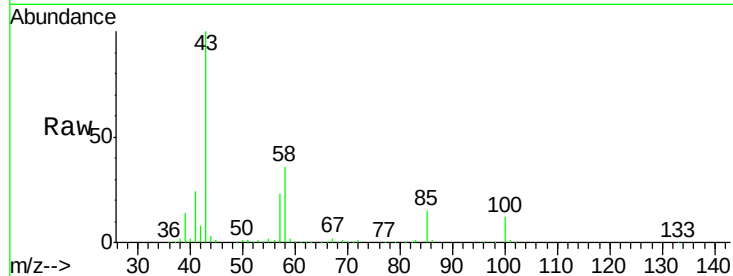




#45
4-Methyl-2-Pentanone
Concen: 47.161 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

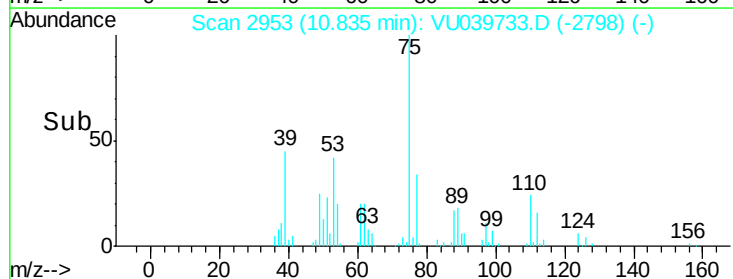
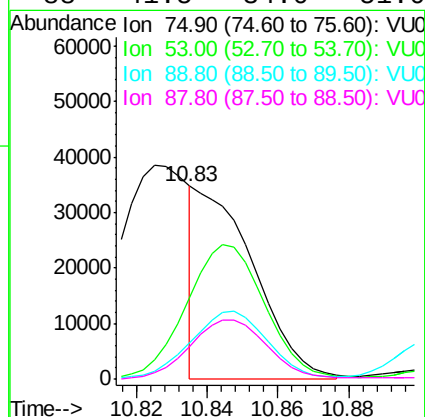
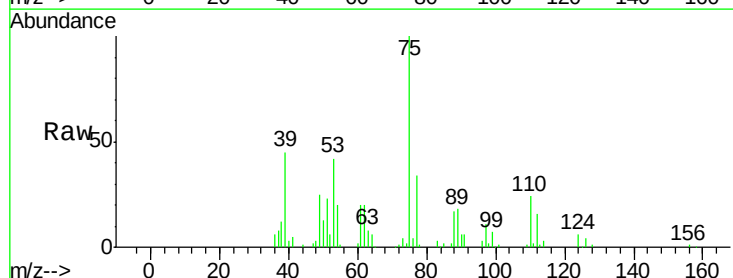
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

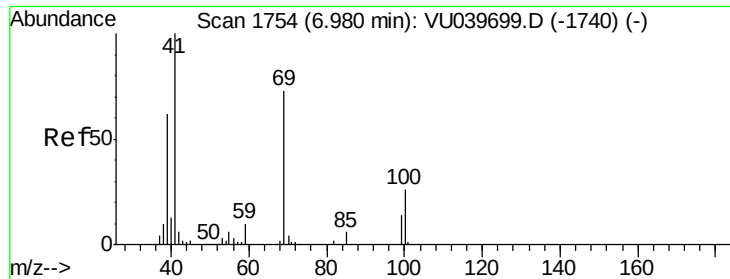
Tgt Ion: 43 Resp: 320173
Ion Ratio Lower Upper
43 100
58 35.6 18.4 55.0
85 14.3 11.8 17.6



#46
t-1,4-Dichloro-2-butene
Concen: 19.457 ug/l m
RT: 10.83 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion: 75 Resp: 39288
Ion Ratio Lower Upper
75 100
53 95.7 78.6 118.0
89 47.4 40.3 60.5
88 41.5 34.0 51.0

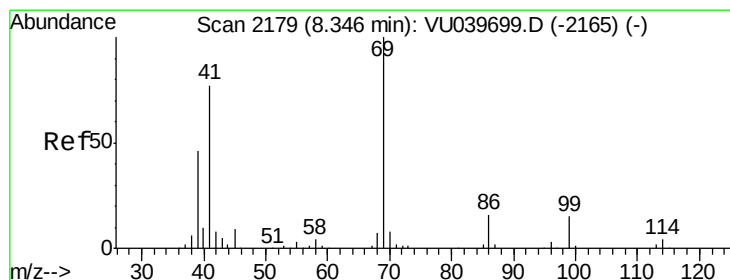
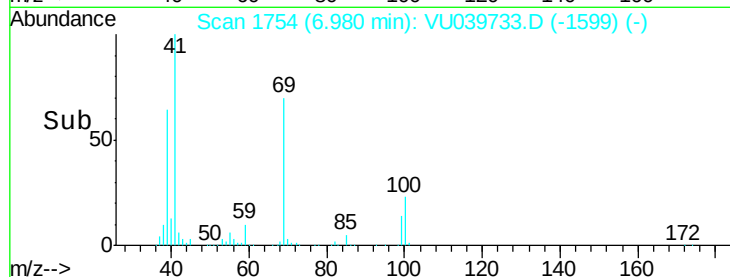
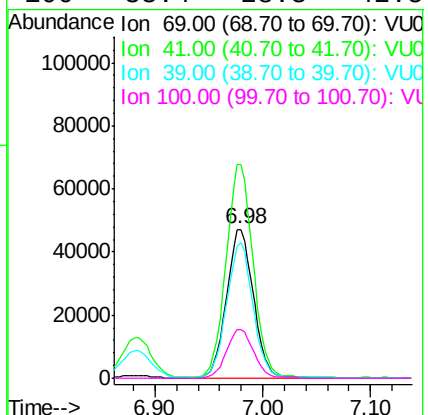
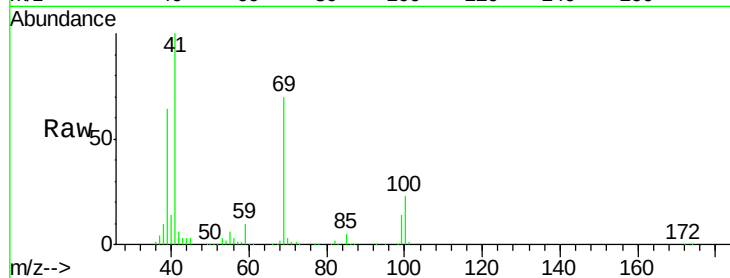




#47
Methyl methacrylate
Concen: 19.688 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

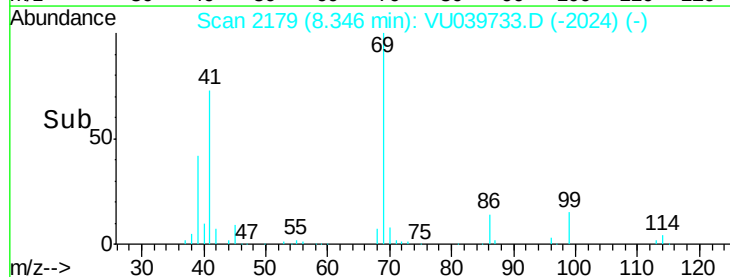
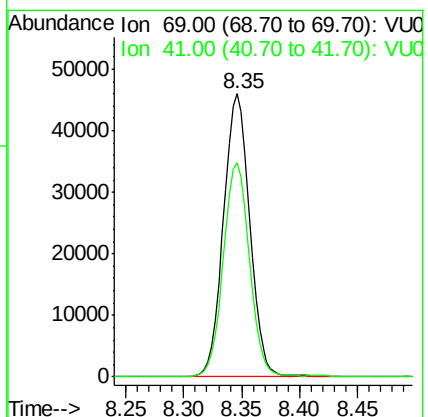
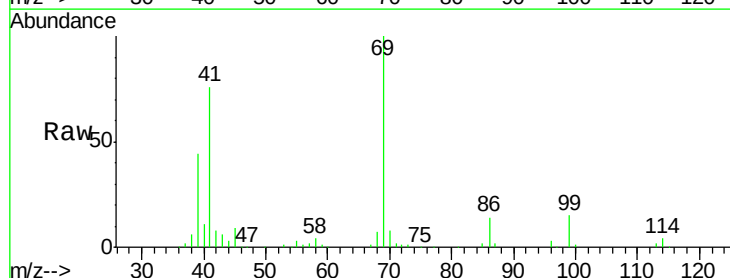
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

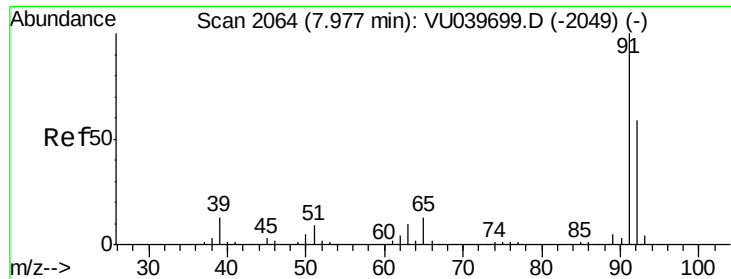
Tgt Ion: 69 Resp: 82299
Ion Ratio Lower Upper
69 100
41 142.2 0.0 271.6
39 89.2 67.4 101.2
100 33.4 28.3 42.5



#48
Ethyl methacrylate
Concen: 9.368 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion: 69 Resp: 72074
Ion Ratio Lower Upper
69 100
41 75.6 39.1 117.5





#49

Toluene

Concen: 8.982 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

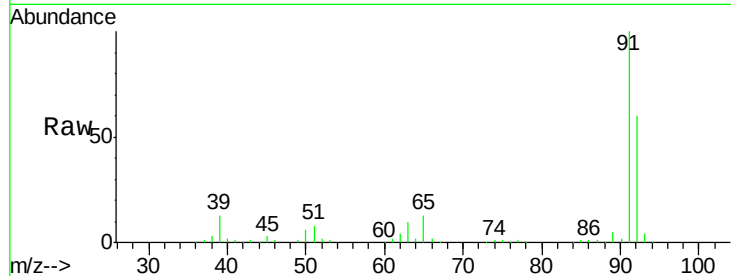
VSTDCCC010EC

Tgt Ion: 92 Resp: 161557

Ion Ratio Lower Upper

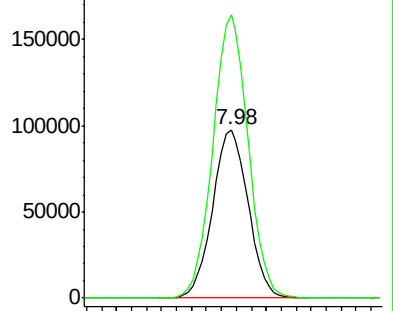
92 100

91 166.5 136.1 204.1

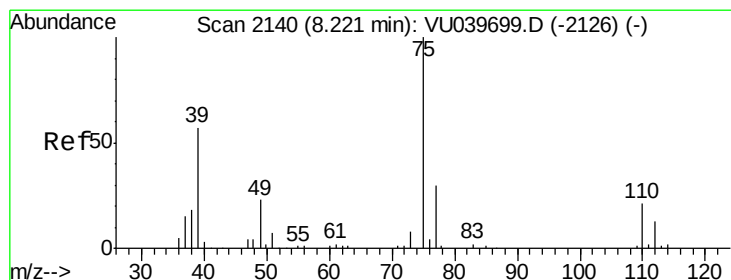
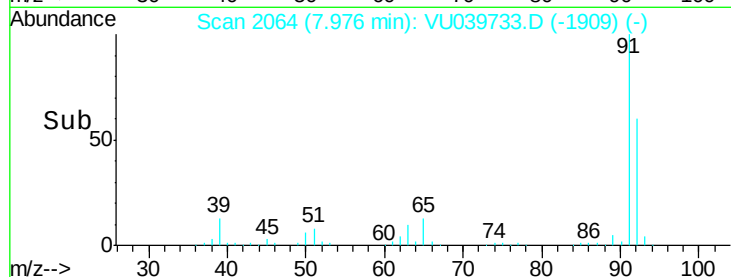


Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)

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



Time-->



#50

t-1,3-Dichloropropene

Concen: 9.205 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039733.D

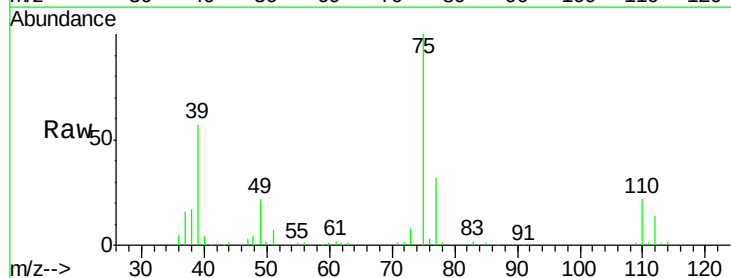
Acq: 31 Jul 2020 14:55

Tgt Ion: 75 Resp: 85194

Ion Ratio Lower Upper

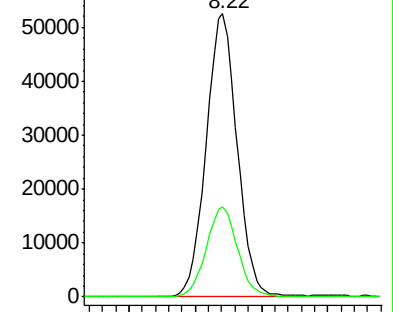
75 100

77 31.7 24.3 36.5

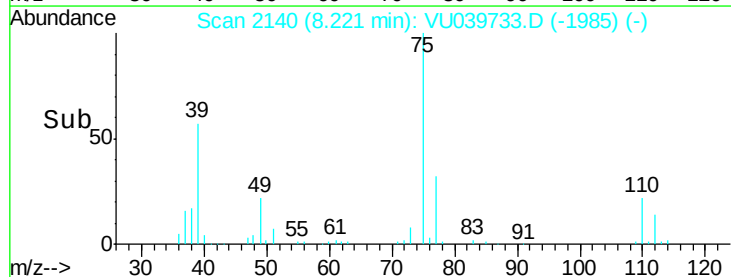


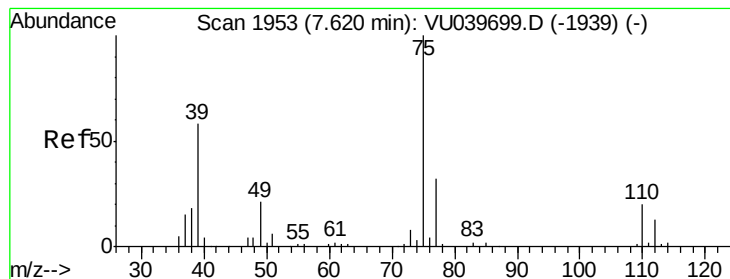
Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)

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



Time-->



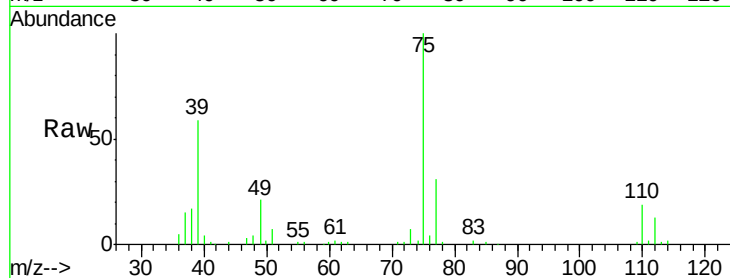


#51

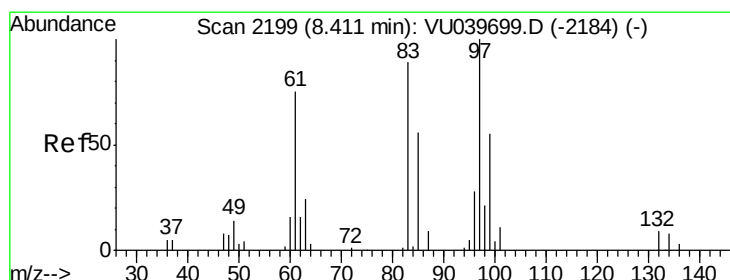
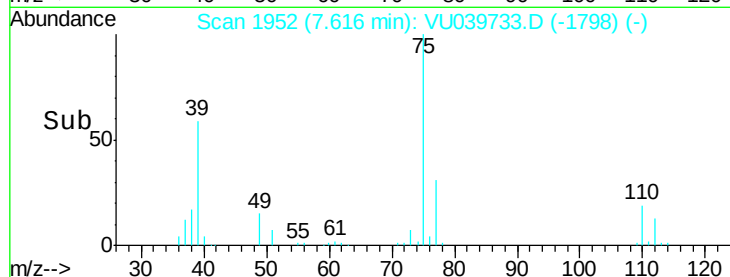
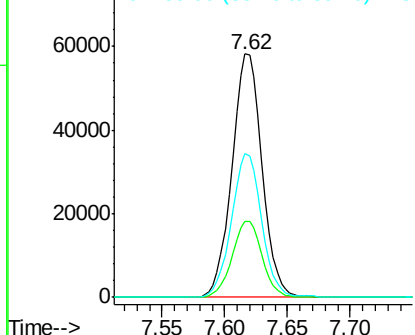
cis-1,3-Dichloropropene
Concen: 8.927 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 97105
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
39 58.8 46.1 69.1



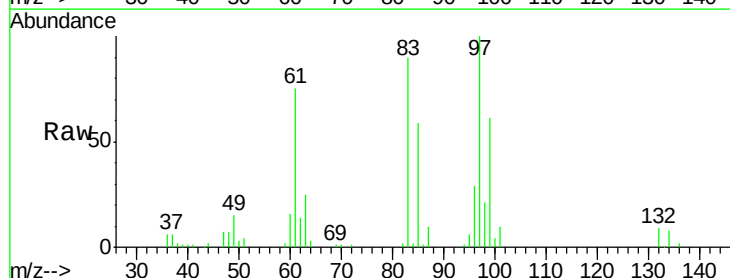
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



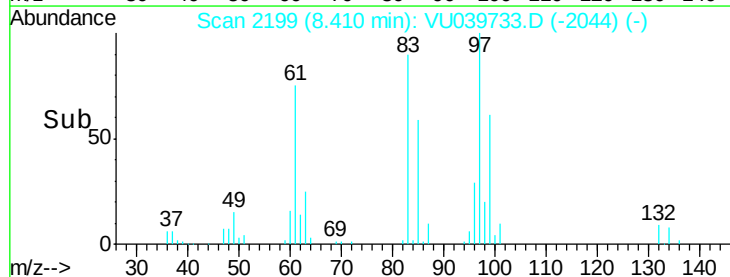
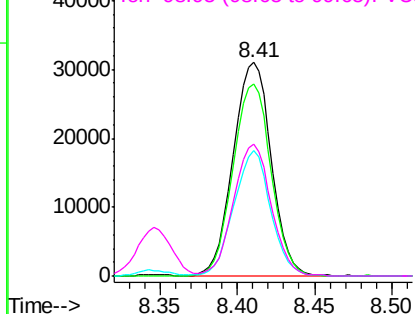
#52

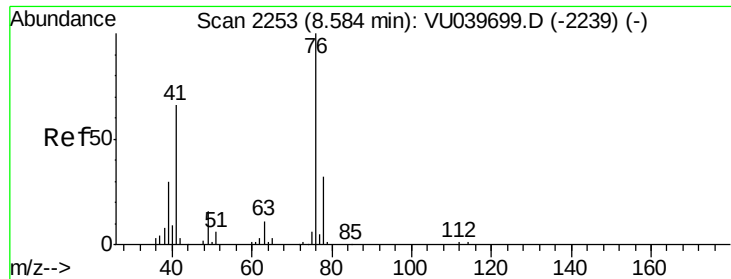
1,1,2-Trichloroethane
Concen: 9.132 ug/l
RT: 8.41 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion: 97 Resp: 53175
Ion Ratio Lower Upper
97 100
83 89.9 71.3 106.9
85 59.0 45.4 68.2
99 61.5 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: 8.943 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

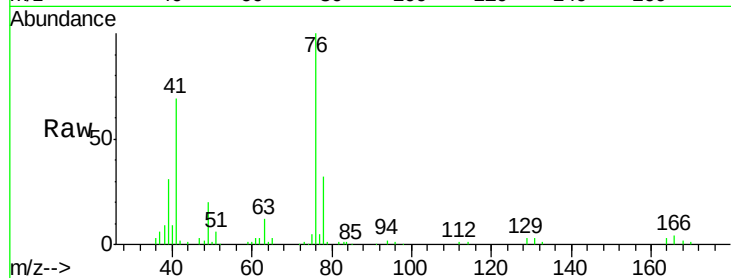
VSTDCCC010EC

Tgt Ion: 76 Resp: 99984

Ion Ratio Lower Upper

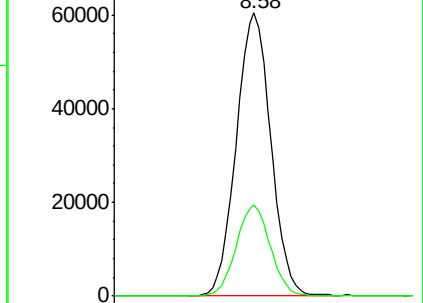
76 100

78 31.9 25.4 38.2

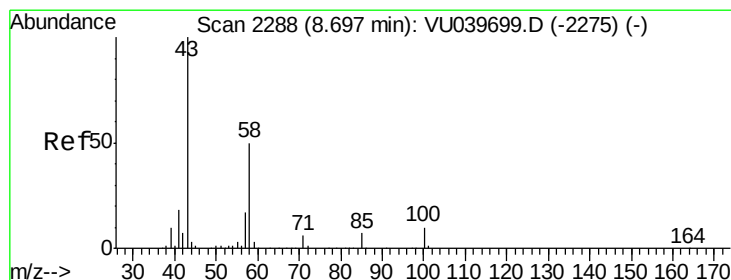
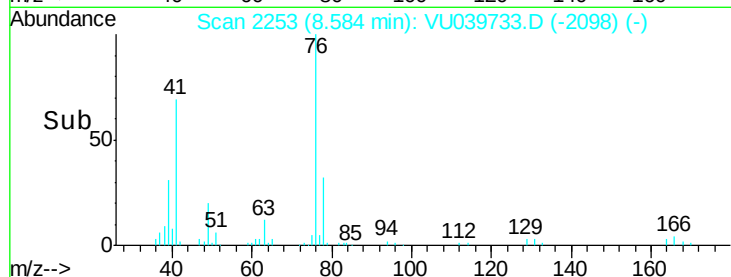


Abundance Ion 76.00 (75.70 to 76.70): VU039733.D (-2098) (-)

Ion 78.00 (77.70 to 78.70): VU039733.D (-2098) (-)



Time--> 8.50 8.55 8.60 8.65



#54

2-Hexanone

Concen: 47.075 ug/l

RT: 8.70 min Scan# 2289

Delta R.T. 0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

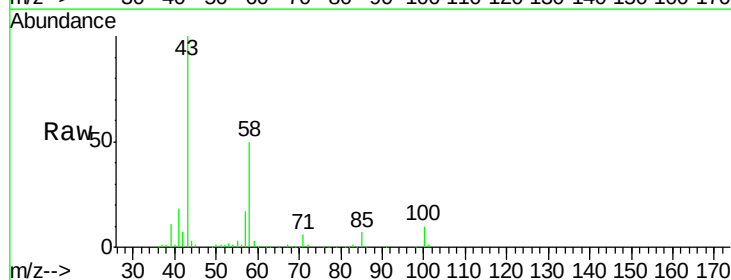
Tgt Ion: 43 Resp: 228816

Ion Ratio Lower Upper

43 100

58 49.3 29.9 69.9

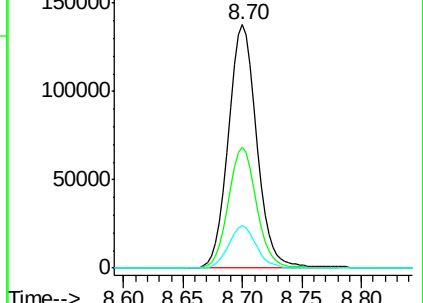
57 17.0 0.0 37.2



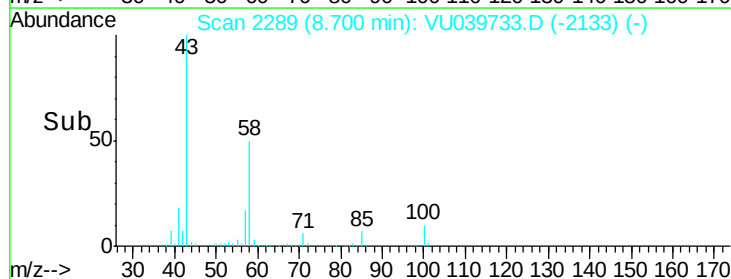
Abundance Ion 43.00 (42.70 to 43.70): VU039733.D (-2133) (-)

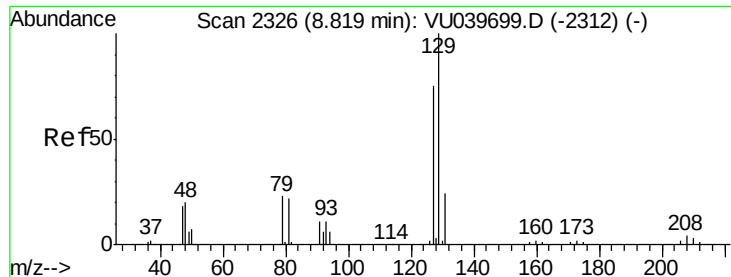
Ion 58.00 (57.70 to 58.70): VU039733.D (-2133) (-)

Ion 57.00 (56.70 to 57.70): VU039733.D (-2133) (-)



Time--> 8.60 8.65 8.70 8.75 8.80

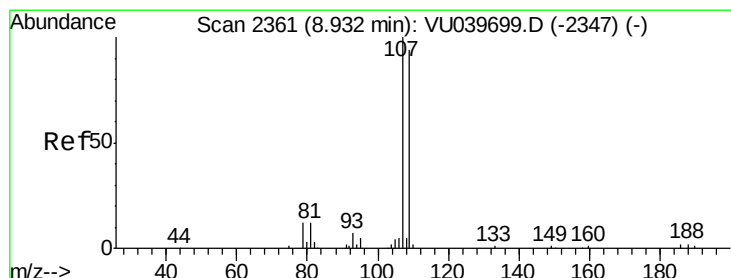
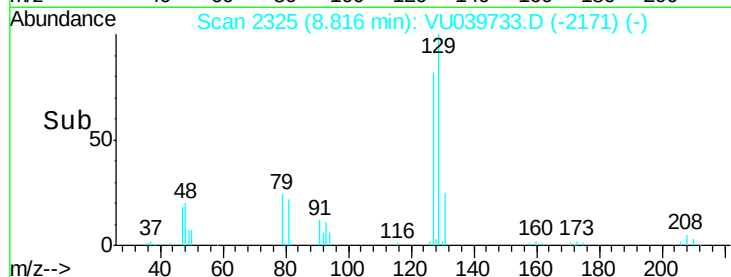
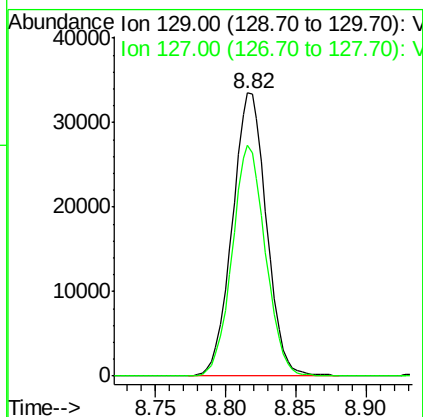
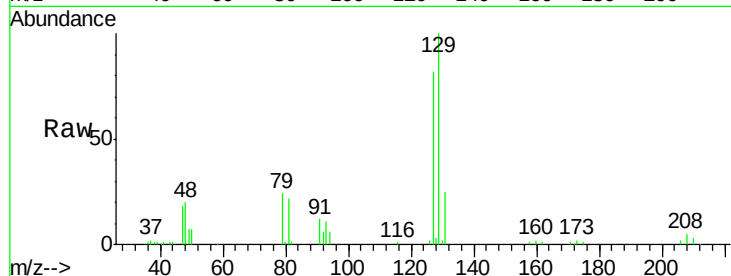




#55
Dibromochloromethane
Concen: 9.093 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

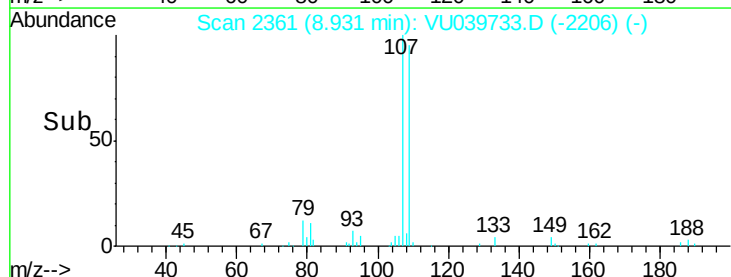
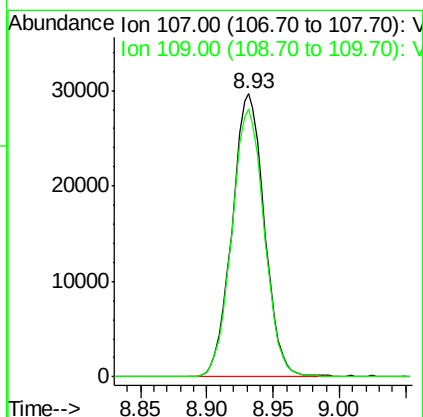
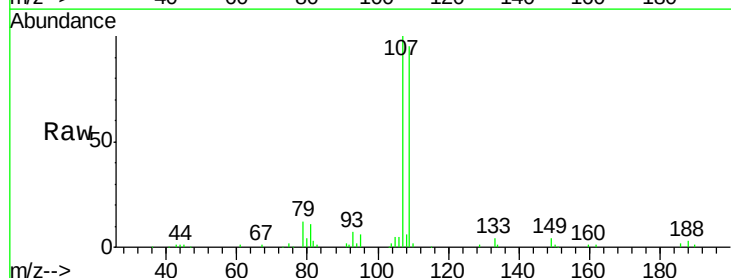
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

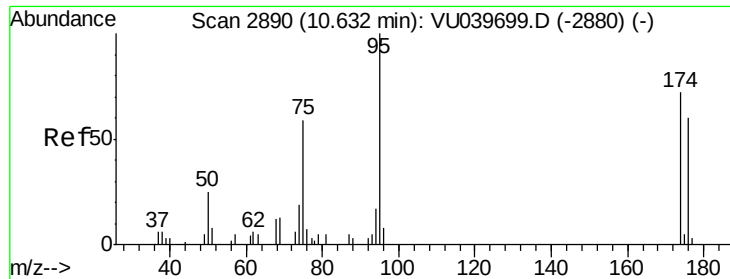
Tgt Ion:129 Resp: 56856
Ion Ratio Lower Upper
129 100
127 79.2 62.4 93.6



#56
1,2-Dibromoethane
Concen: 8.938 ug/l
RT: 8.93 min Scan# 2361
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion:107 Resp: 50151
Ion Ratio Lower Upper
107 100
109 95.0 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 0.886 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

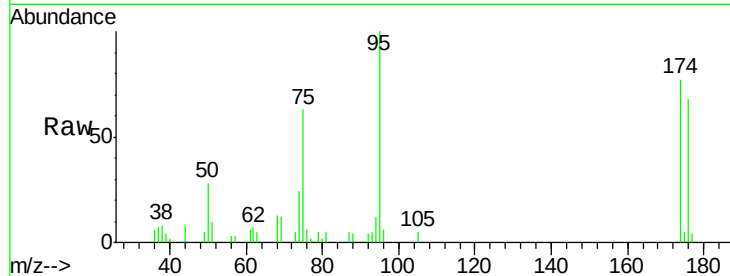
Tgt Ion: 95 Resp: 8363

Ion Ratio Lower Upper

95 100

174 72.5 57.0 85.4

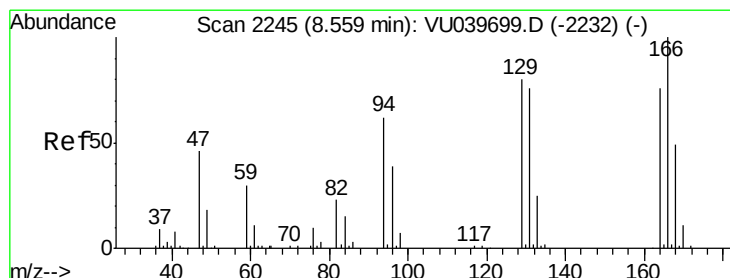
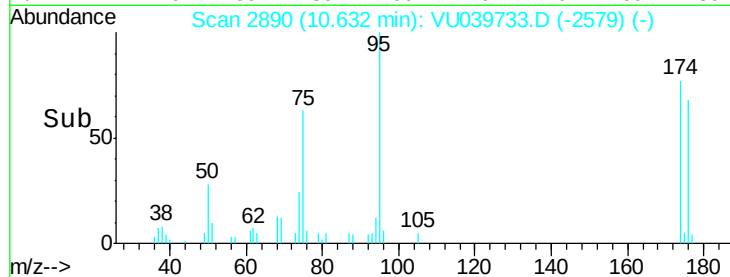
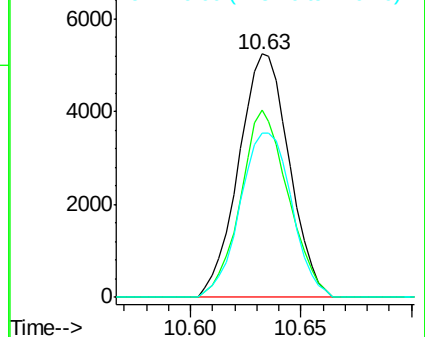
176 69.1 50.2 75.2



Abundance Ion 95.00 (94.70 to 95.70): VU039733.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU039733.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU039733.D (-2579) (-)



#58

Tetrachloroethene

Concen: 8.676 ug/l

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Tgt Ion: 164 Resp: 52510

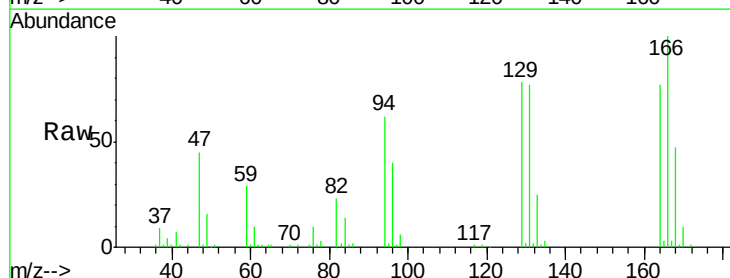
Ion Ratio Lower Upper

164 100

166 129.5 104.8 157.2

129 101.6 84.1 126.1

131 99.5 80.1 120.1

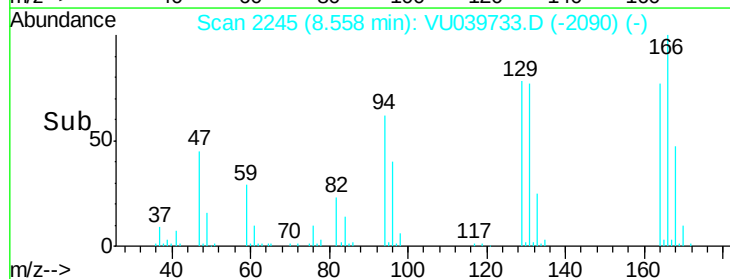
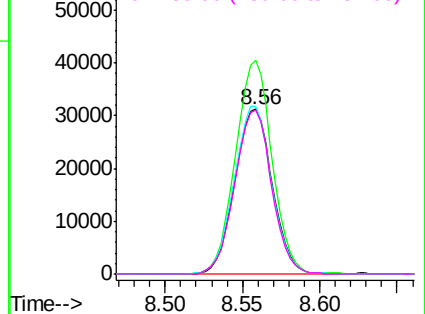


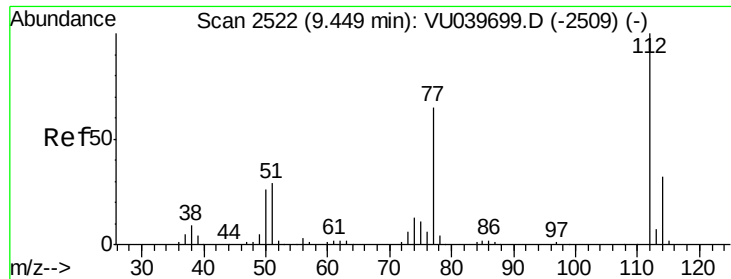
Abundance Ion 163.85 (163.55 to 164.55): VU039733.D (-2090) (-)

Ion 165.80 (165.50 to 166.50): VU039733.D (-2090) (-)

Ion 128.90 (128.60 to 129.60): VU039733.D (-2090) (-)

Ion 130.90 (130.60 to 131.60): VU039733.D (-2090) (-)

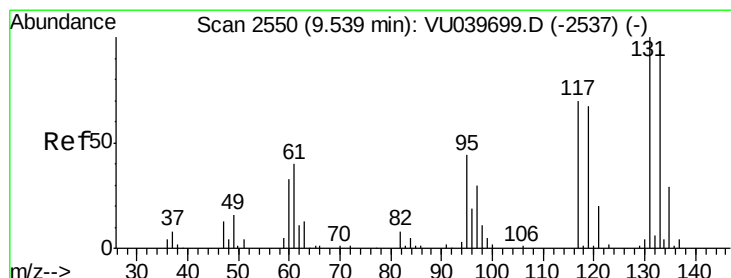
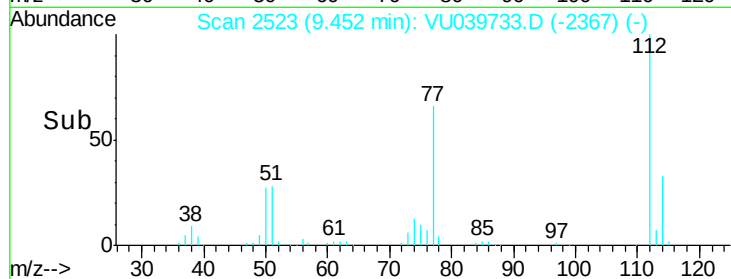
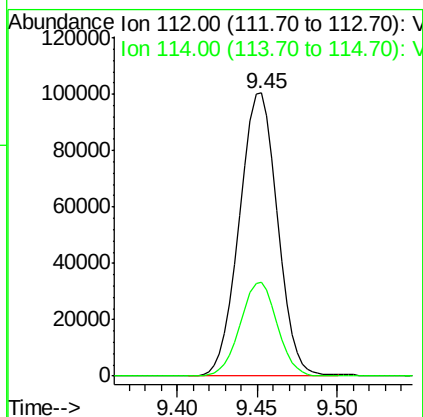
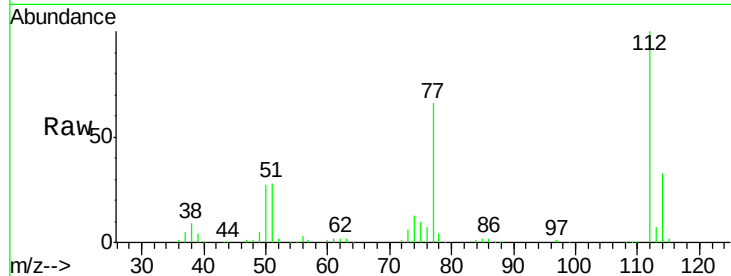




#59
Chlorobenzene
Concen: 8.772 ug/l
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

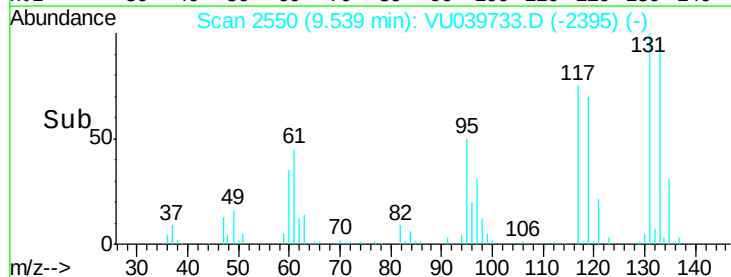
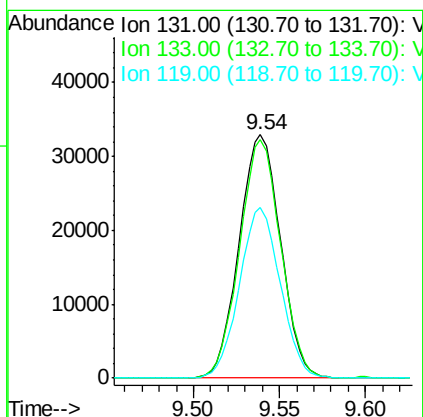
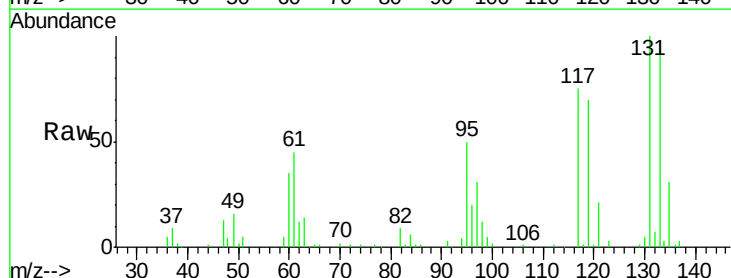
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

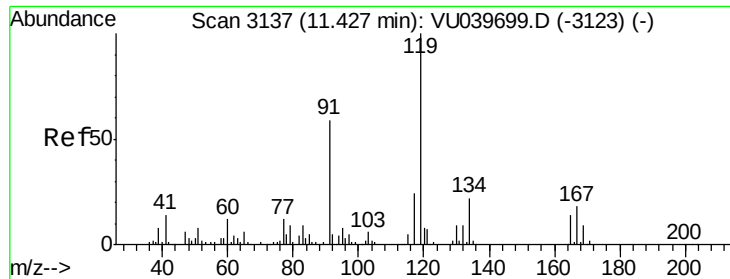
Tgt Ion:112 Resp: 163145
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 8.768 ug/l
RT: 9.54 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion:131 Resp: 54985
Ion Ratio Lower Upper
131 100
133 97.3 75.8 113.8
119 69.4 54.6 81.8

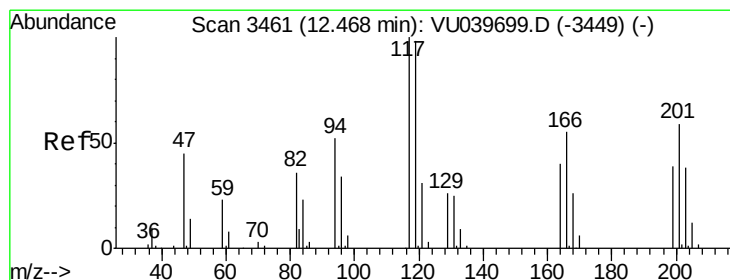
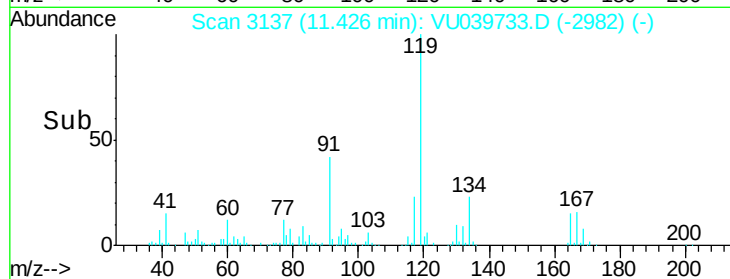
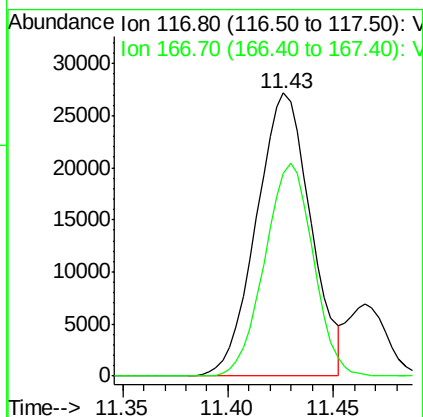
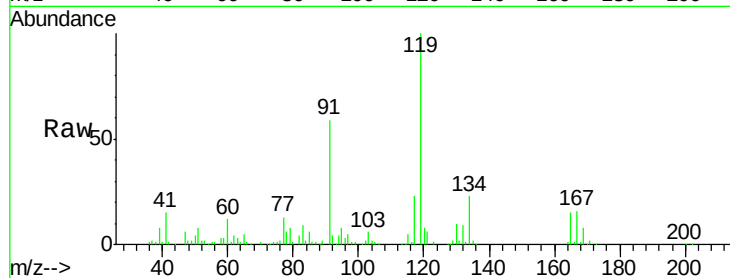




#61
 Pentachloroethane
 Concen: 8.823 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

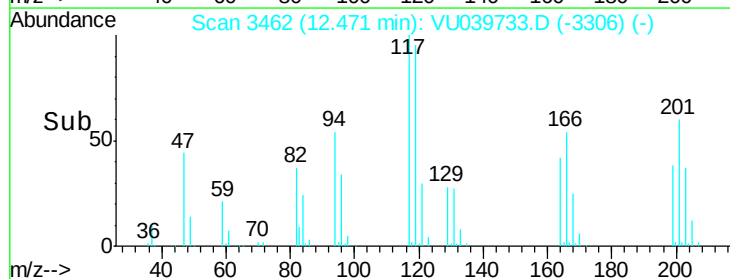
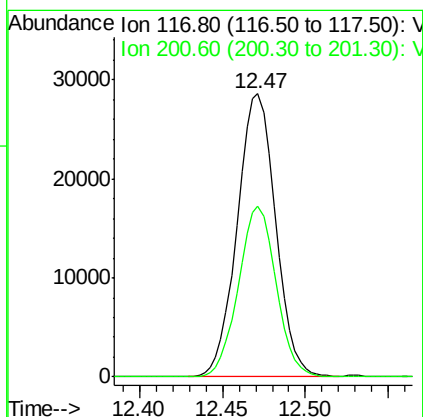
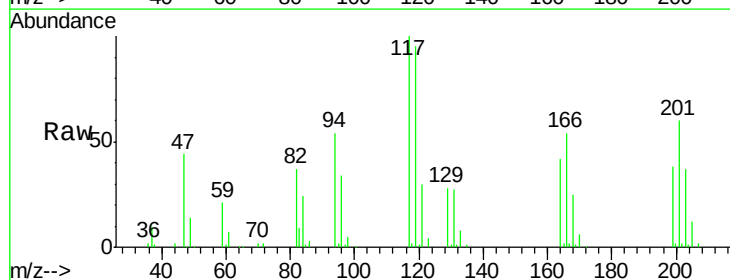
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

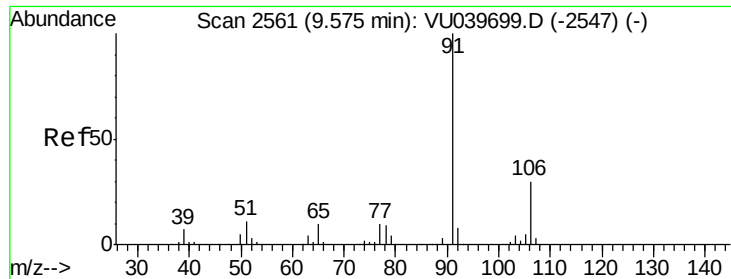
Tgt Ion:117 Resp: 48613
 Ion Ratio Lower Upper
 117 100
 167 67.3 56.6 85.0



#62
 Hexachloroethane
 Concen: 9.150 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion:117 Resp: 46206
 Ion Ratio Lower Upper
 117 100
 201 58.9 48.1 72.1

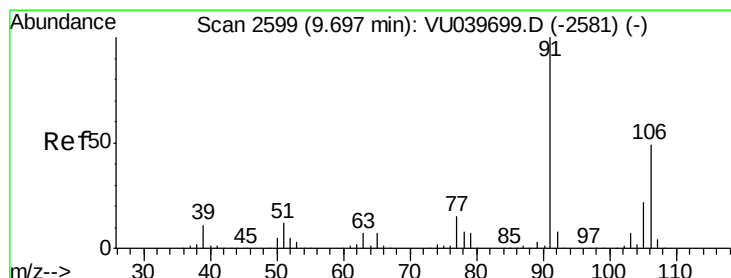
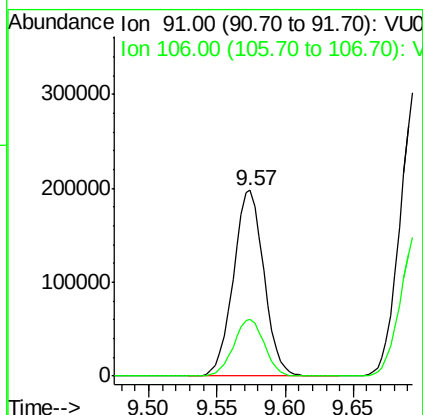
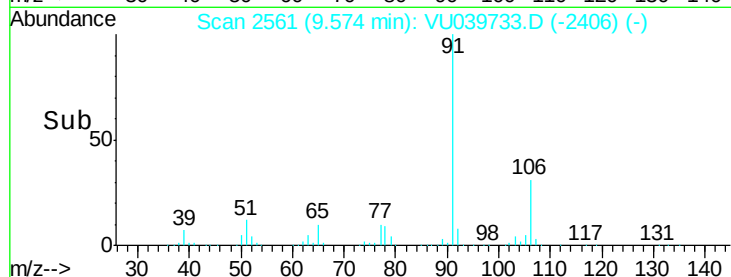
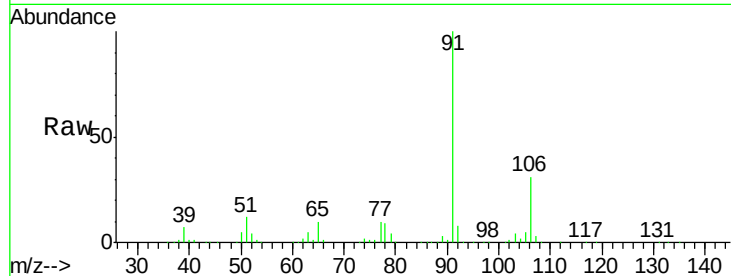




#63
Ethyl Benzene
Concen: 9.221 ug/l
RT: 9.57 min Scan# 2561
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

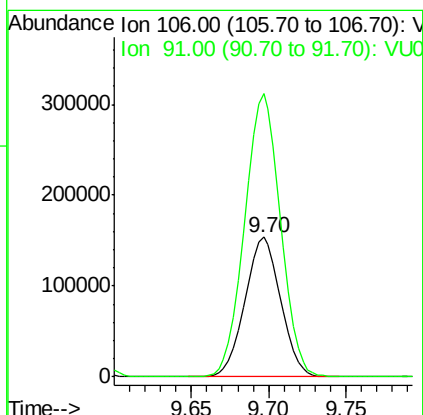
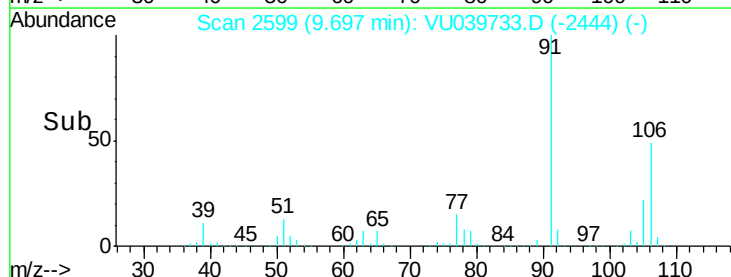
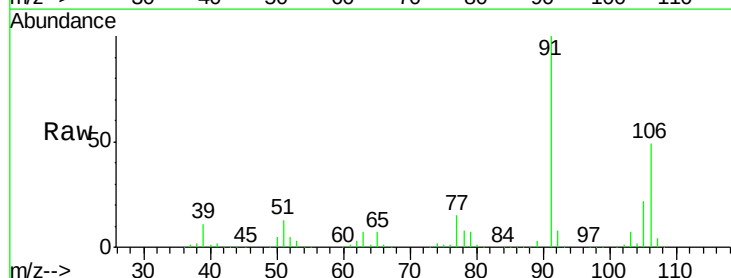
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

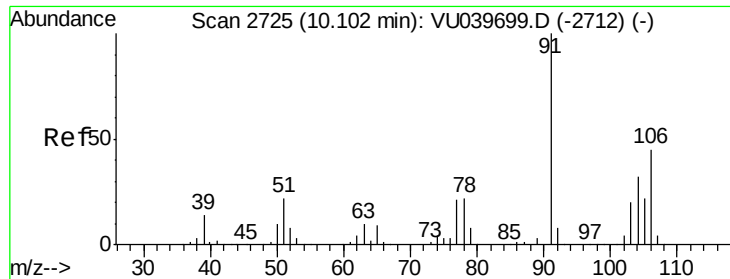
Tgt Ion: 91 Resp: 307358
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#64
m/p-Xylenes
Concen: 18.950 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion: 106 Resp: 246780
Ion Ratio Lower Upper
106 100
91 203.0 163.9 245.9

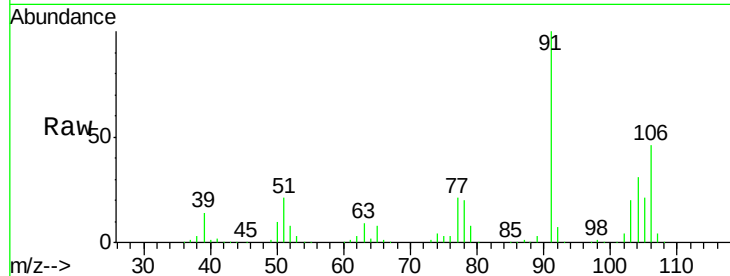




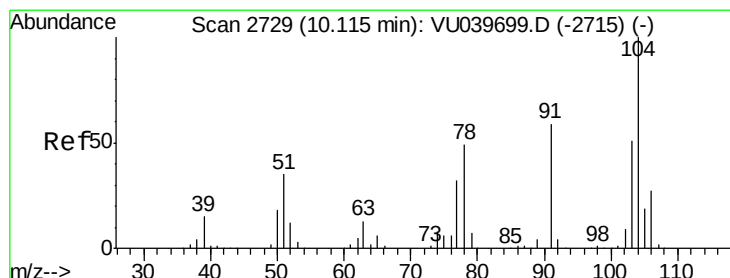
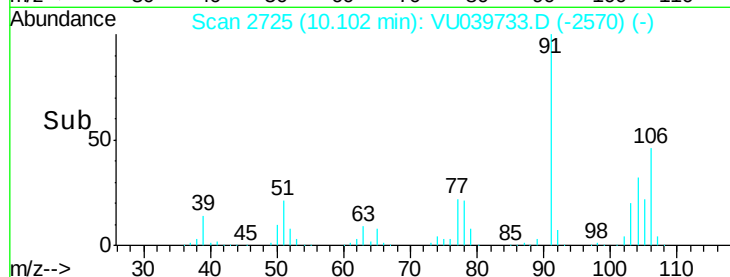
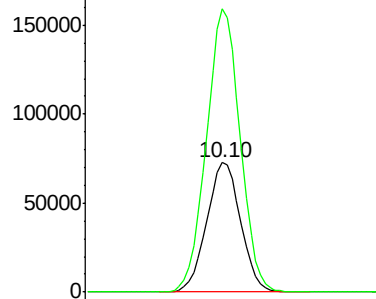
#65
o-Xylene
Concen: 9.305 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 115051
Ion Ratio Lower Upper
106 100
91 216.9 110.3 331.0

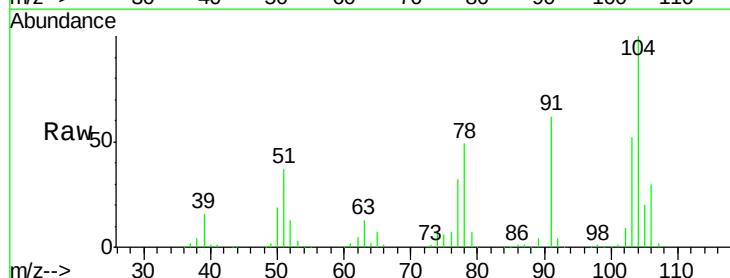


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

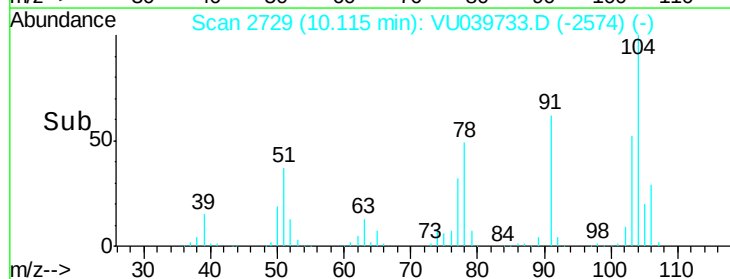
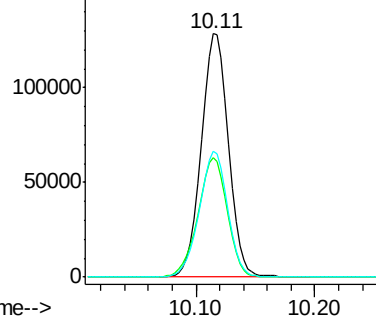


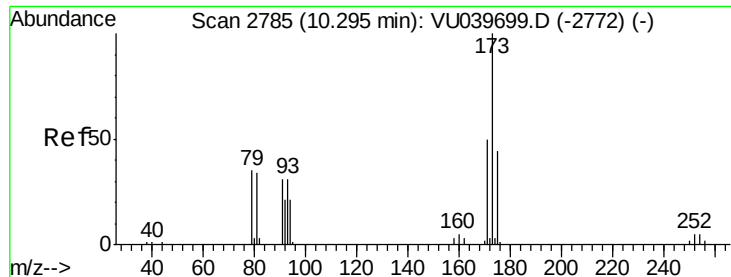
#66
Styrene
Concen: 9.613 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion:104 Resp: 203685
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 53.8 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: 9.579 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

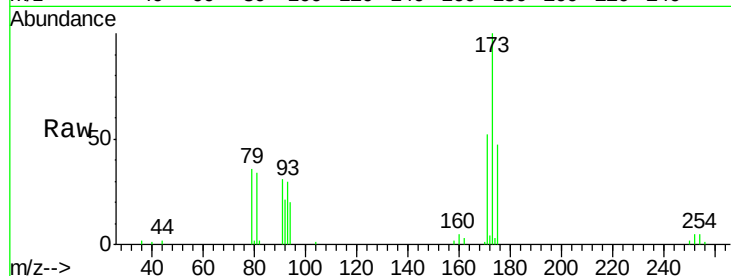
Tgt Ion:173 Resp: 30553

Ion Ratio Lower Upper

173 100

175 46.2 36.7 55.1

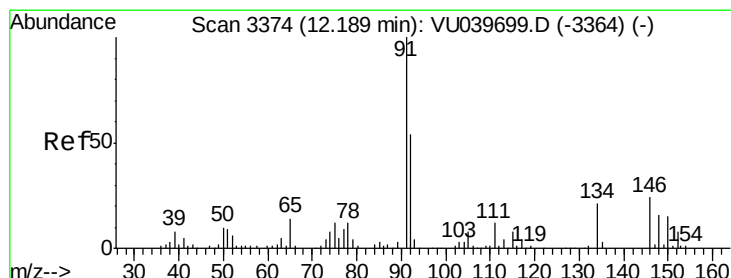
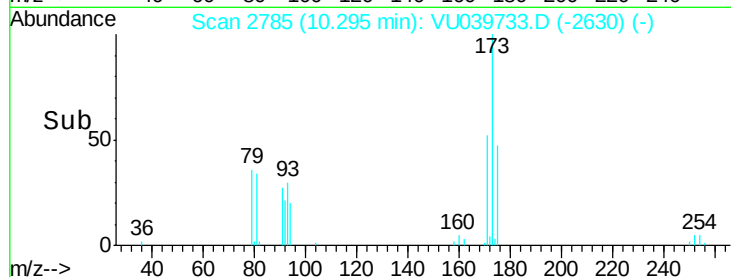
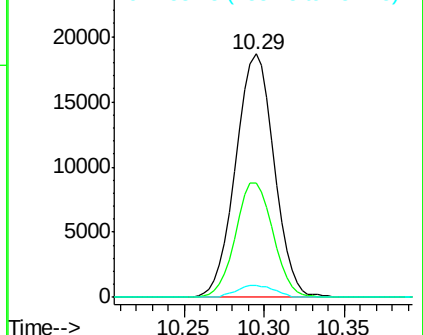
254 4.8 3.8 5.8



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: 0.929 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

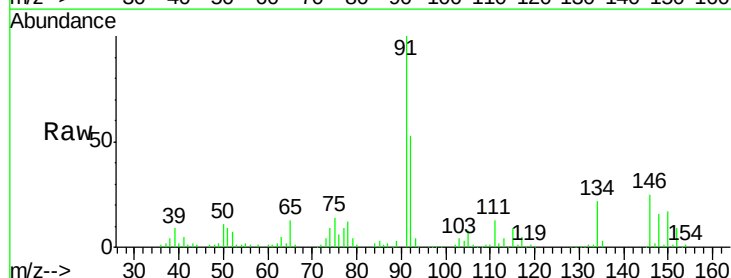
Tgt Ion:152 Resp: 8579

Ion Ratio Lower Upper

152 100

115 148.6 0.0 302.4

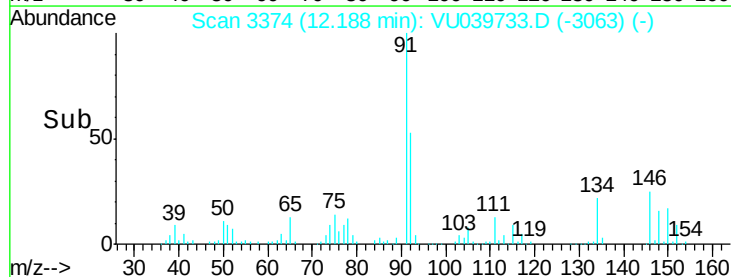
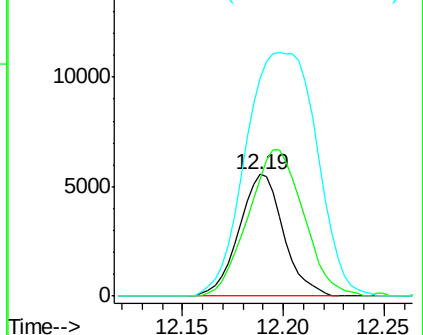
150 317.4 0.0 645.8

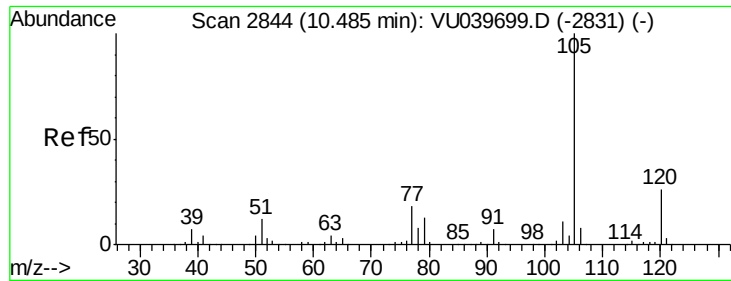


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 9.126 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

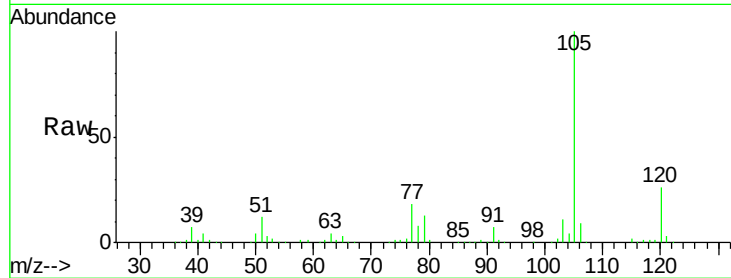
VSTDCCC010EC

Tgt Ion:105 Resp: 301399

Ion Ratio Lower Upper

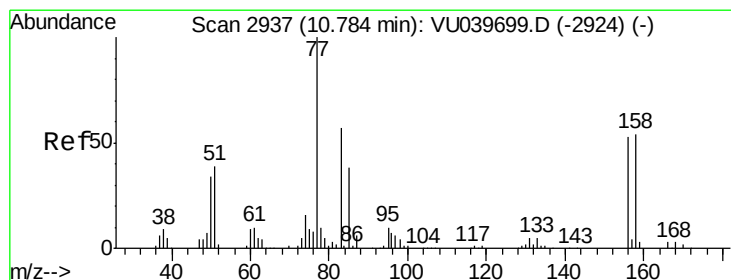
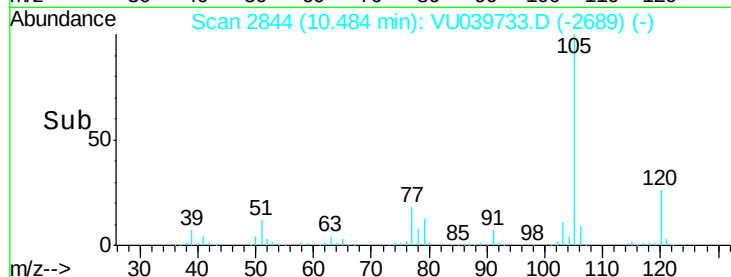
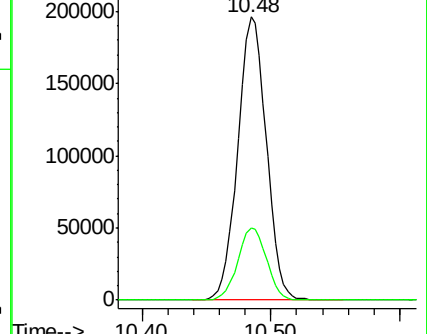
105 100

120 25.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 9.150 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

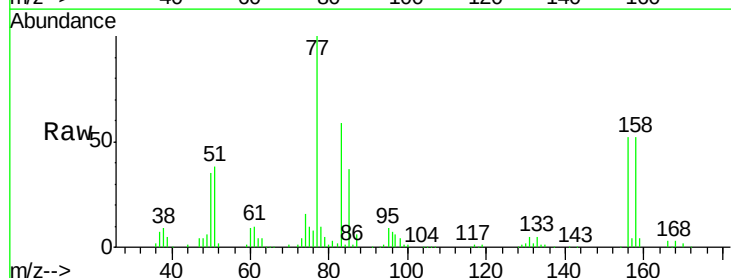
Tgt Ion: 83 Resp: 76697

Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

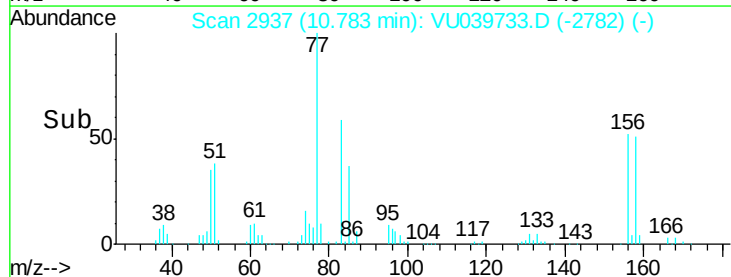
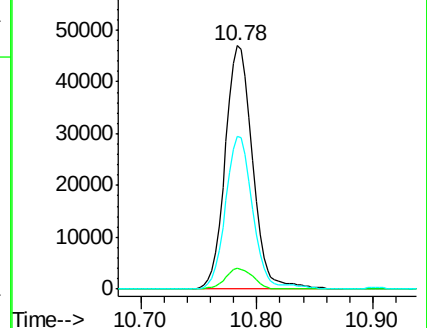
85 62.7 50.6 75.8

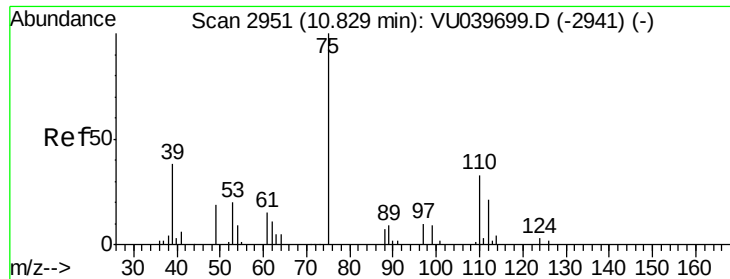


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

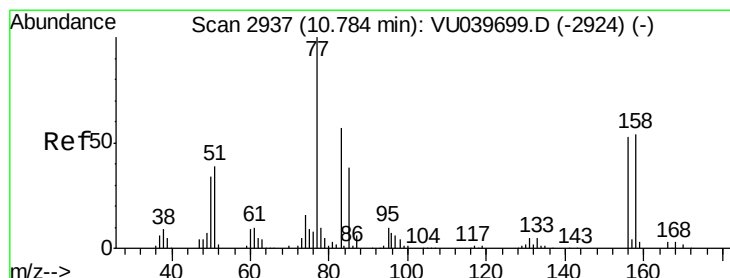
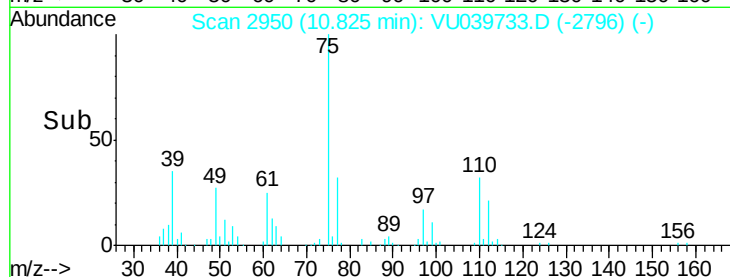
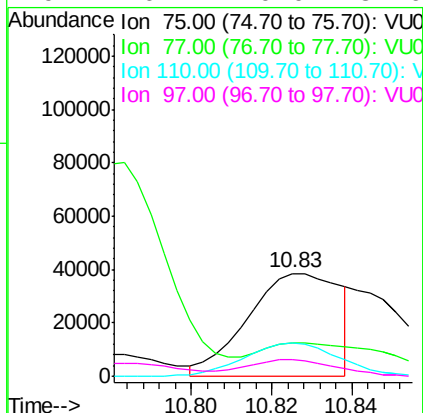
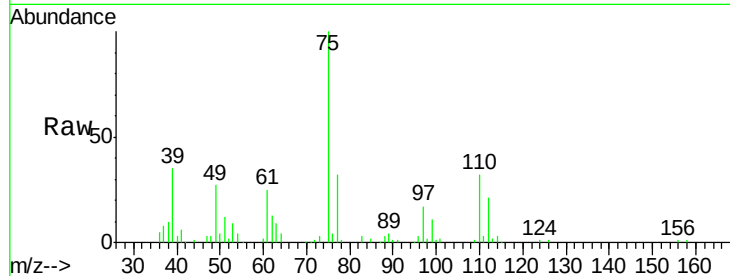




#71
 1,2,3-Trichloropropane
 Concen: 9.736 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

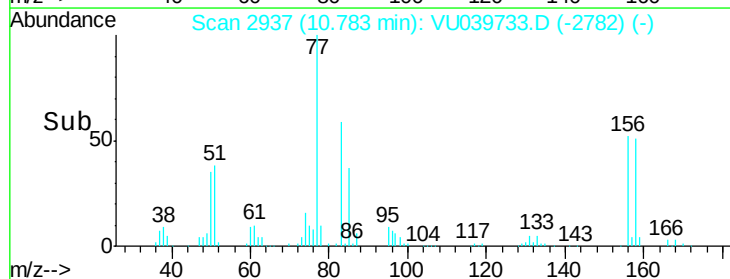
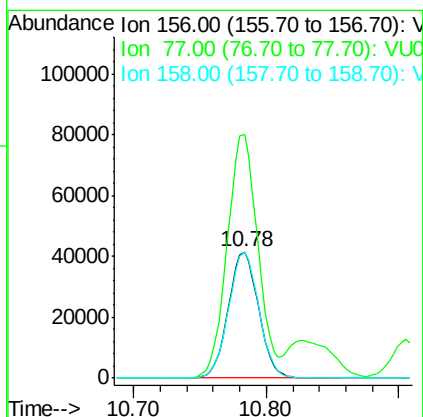
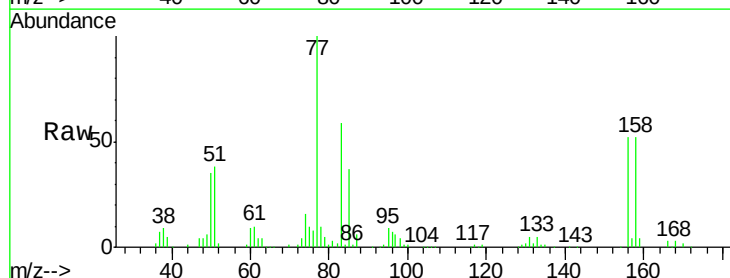
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

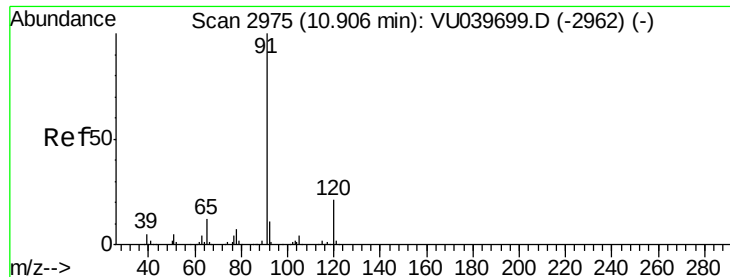
Tgt Ion:	75	Resp:	61478
Ion	Ratio	Lower	Upper
75	100		
77	45.2	0.0	91.0
110	33.3	0.0	64.2
97	16.4	0.0	32.6



#72
 Bromobenzene
 Concen: 8.796 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion:	156	Resp:	65971
Ion	Ratio	Lower	Upper
156	100		
77	195.0	0.0	385.2
158	99.6	0.0	200.8





#73

n-propylbenzene

Concen: 9.138 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

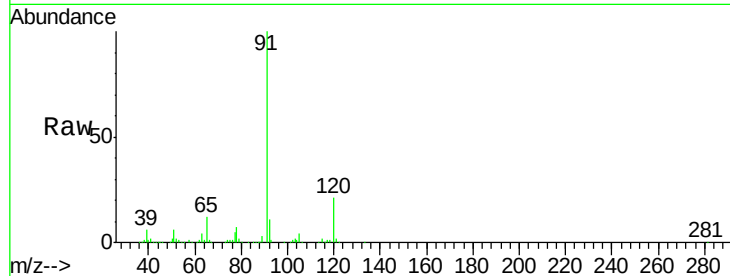
VSTDCCC010EC

Tgt Ion:120 Resp: 84848

Ion Ratio Lower Upper

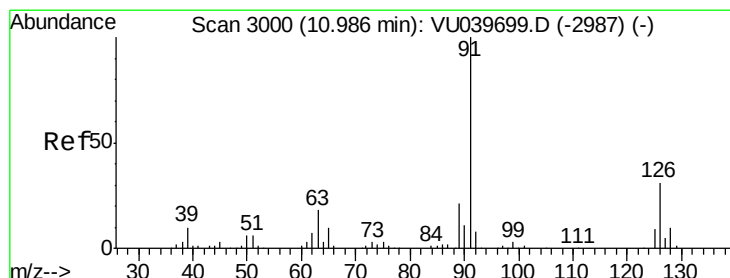
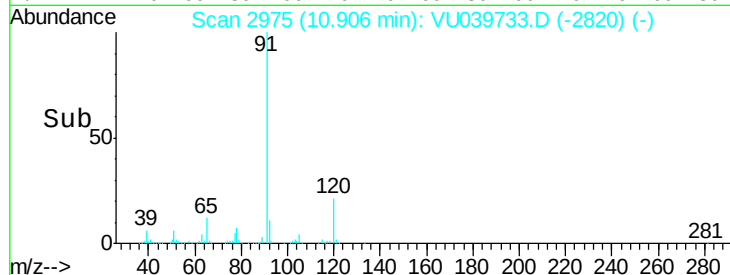
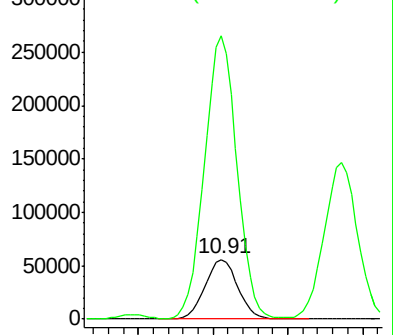
120 100

91 468.5 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 9.050 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039733.D

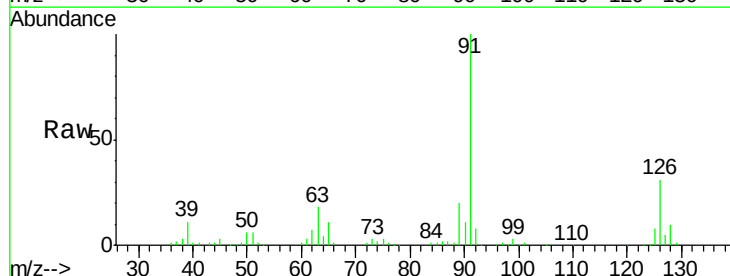
Acq: 31 Jul 2020 14:55

Tgt Ion:126 Resp: 70987

Ion Ratio Lower Upper

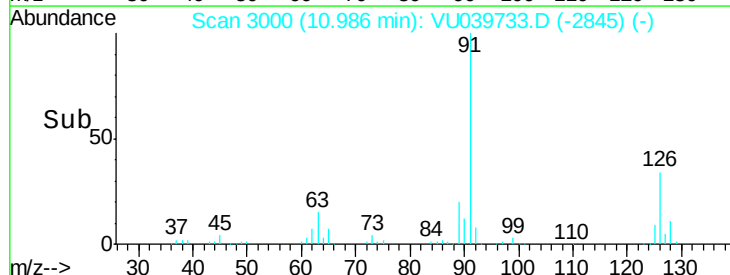
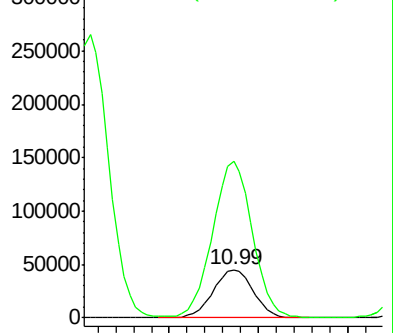
126 100

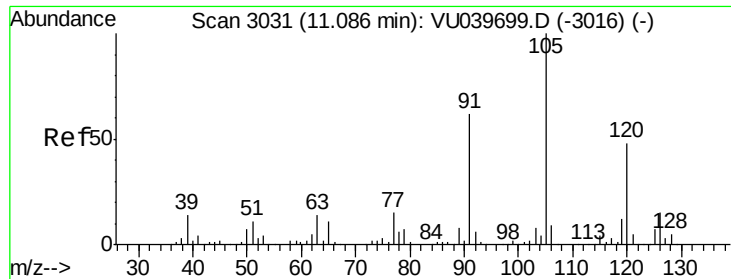
91 317.2 0.0 637.0



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: 9.443 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

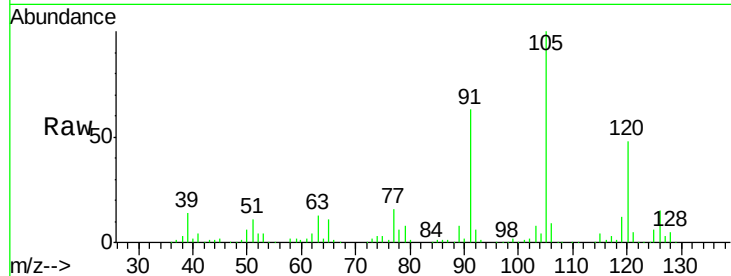
VSTDCCC010EC

Tgt Ion:105 Resp: 269584

Ion Ratio Lower Upper

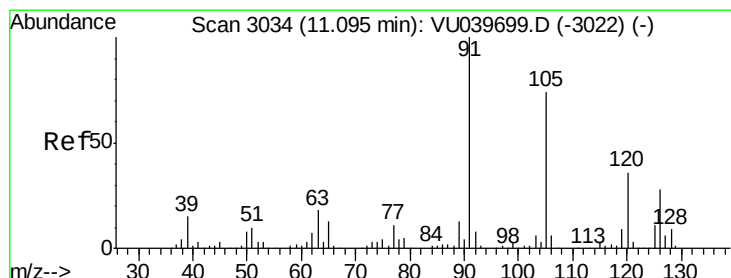
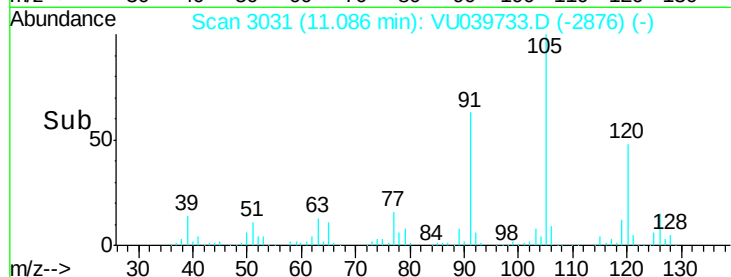
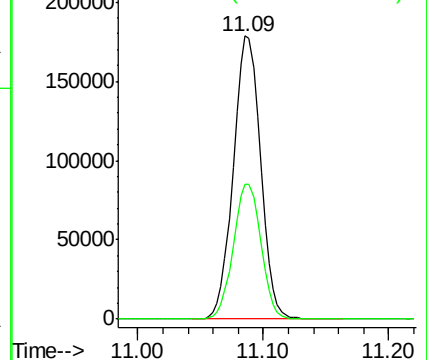
105 100

120 48.5 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 9.325 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039733.D

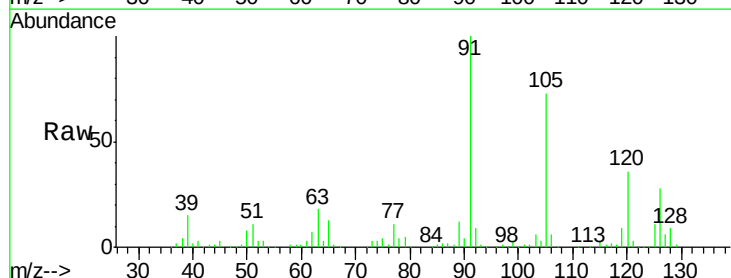
Acq: 31 Jul 2020 14:55

Tgt Ion:126 Resp: 75763

Ion Ratio Lower Upper

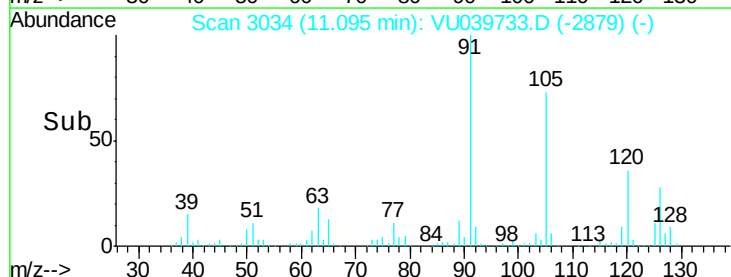
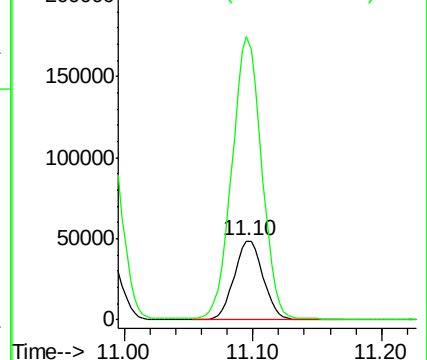
126 100

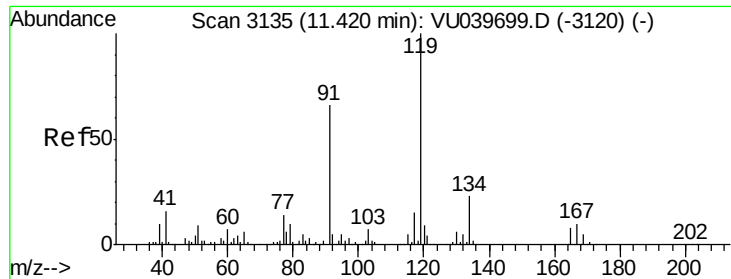
91 366.5 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 9.265 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

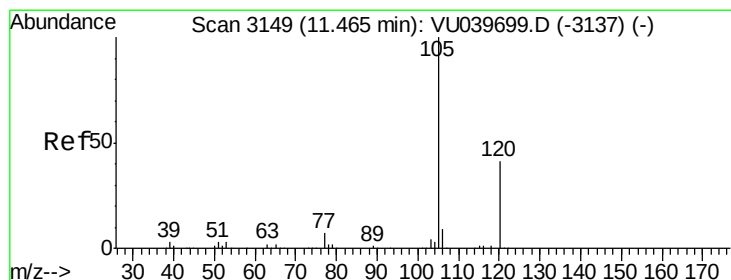
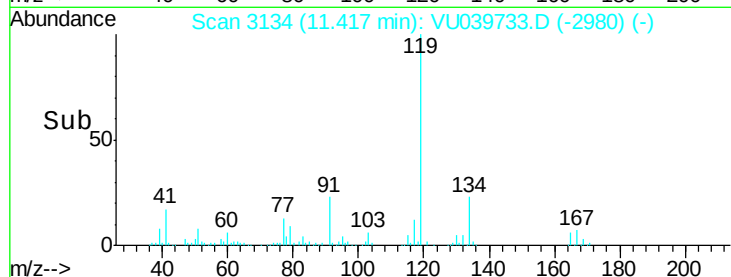
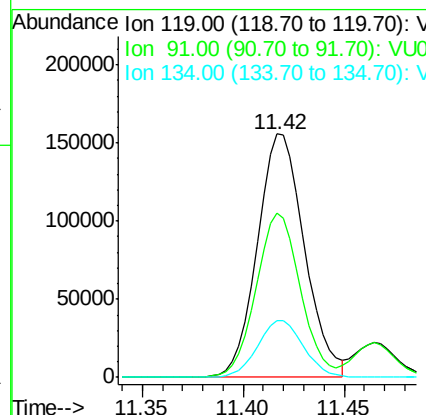
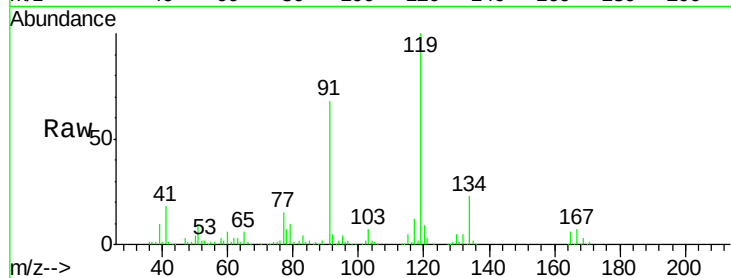
Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 253764

Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.9	95.5
134	22.8	18.2	27.4



#78

1,2,4-Trimethylbenzene

Concen: 9.814 ug/l

RT: 11.47 min Scan# 3149

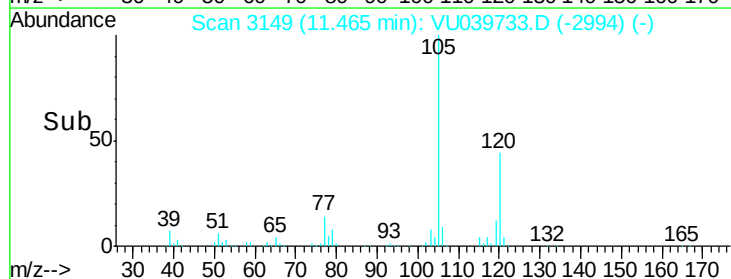
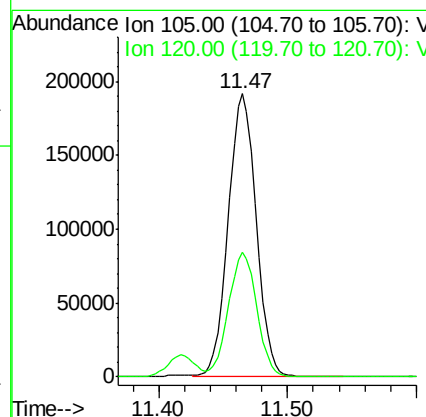
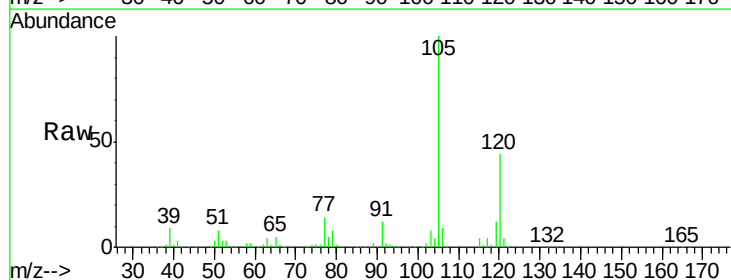
Delta R.T. -0.00 min

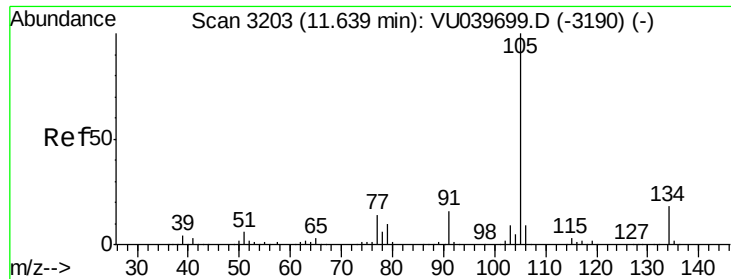
Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Tgt Ion:105 Resp: 287363

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.0

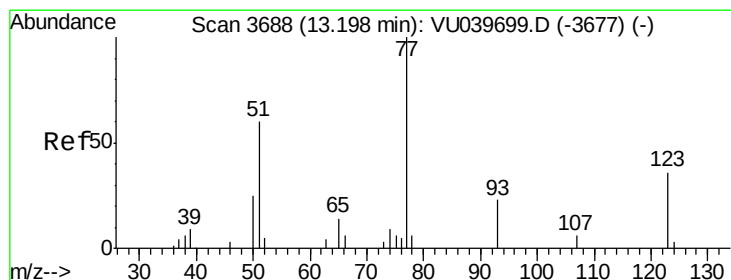
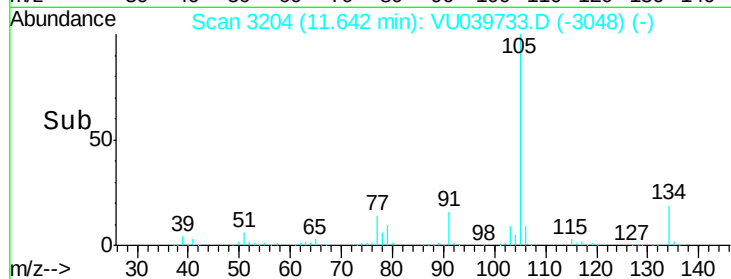
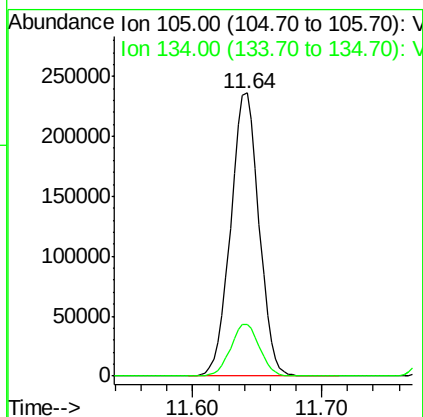
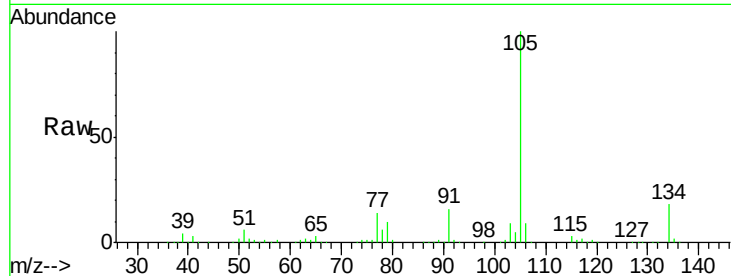




#79
 sec-Butylbenzene
 Concen: 9.266 ug/l
 RT: 11.64 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

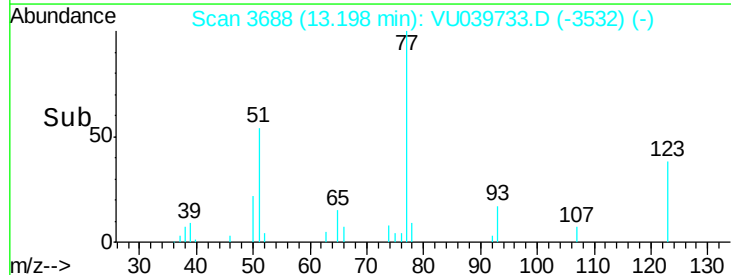
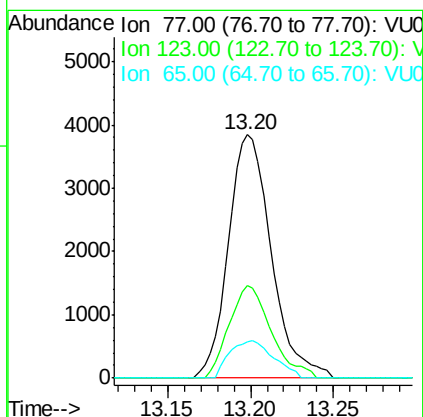
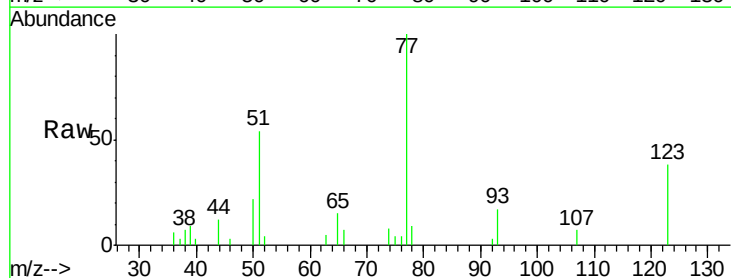
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

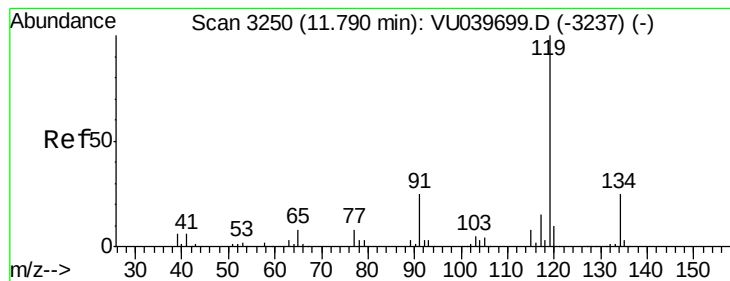
Tgt Ion: 105 Resp: 361222
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.8 22.2



#80
 Nitrobenzene
 Concen: 48.822 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion: 77 Resp: 6925
 Ion Ratio Lower Upper
 77 100
 123 37.1 16.9 59.9
 65 15.7 14.4 18.4





#81

p-Isopropyltoluene

Concen: 9.448 ug/l

RT: 11.79 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

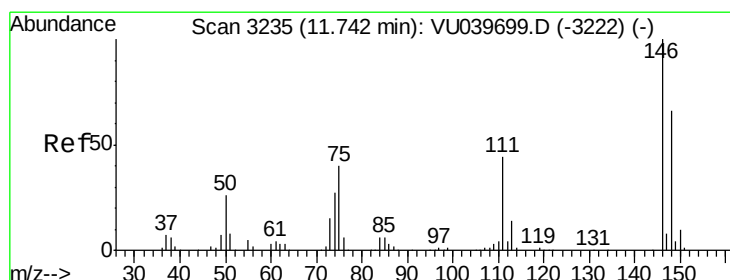
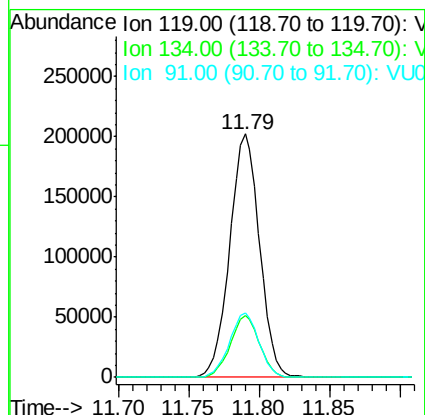
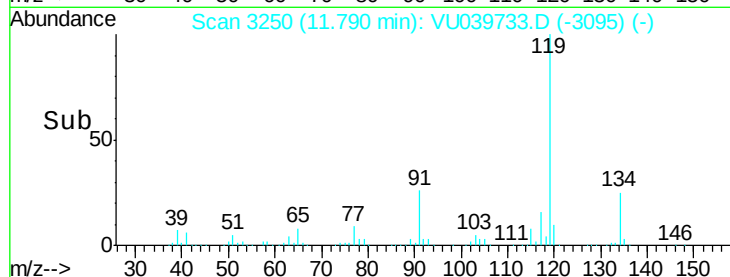
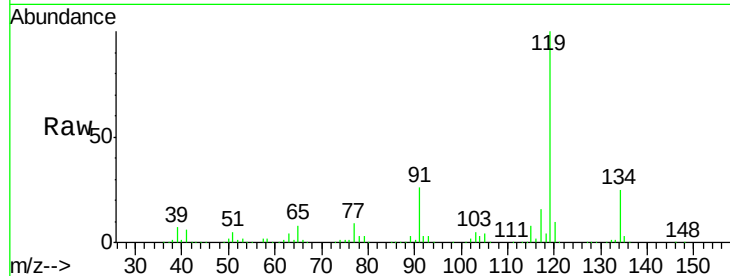
Tgt Ion:119 Resp: 296833

Ion Ratio Lower Upper

119 100

134 25.0 20.2 30.4

91 26.2 20.7 31.1



#82

1,3-Dichlorobenzene

Concen: 8.775 ug/l

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU039733.D

Acq: 31 Jul 2020 14:55

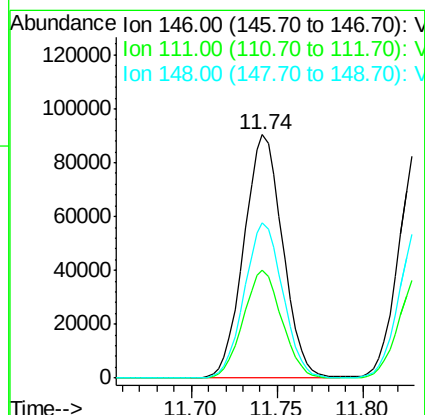
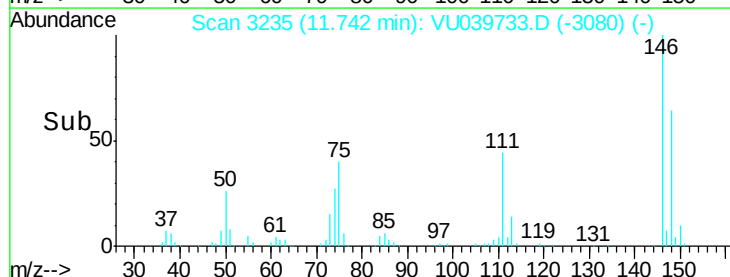
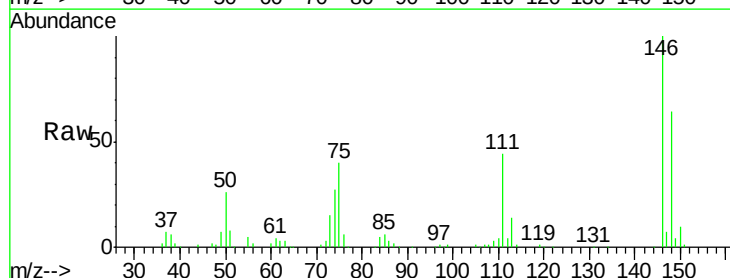
Tgt Ion:146 Resp: 141656

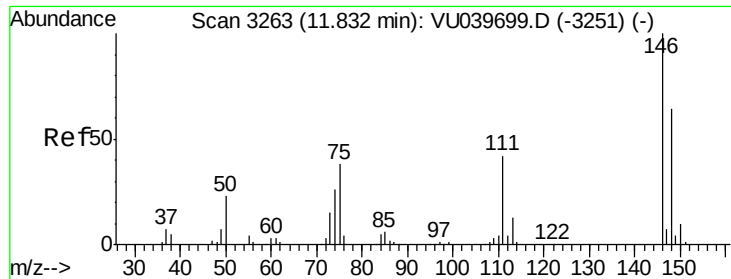
Ion Ratio Lower Upper

146 100

111 43.8 34.5 51.7

148 63.2 51.4 77.0

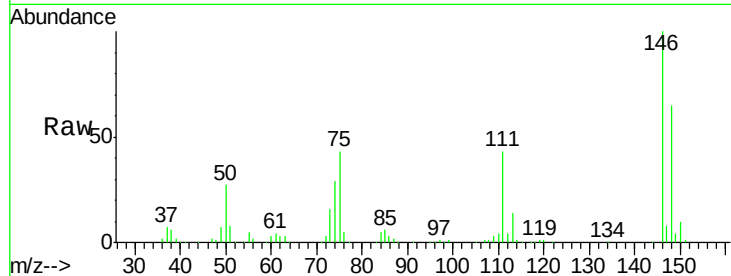




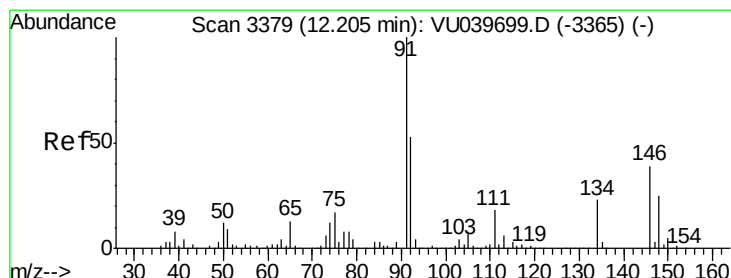
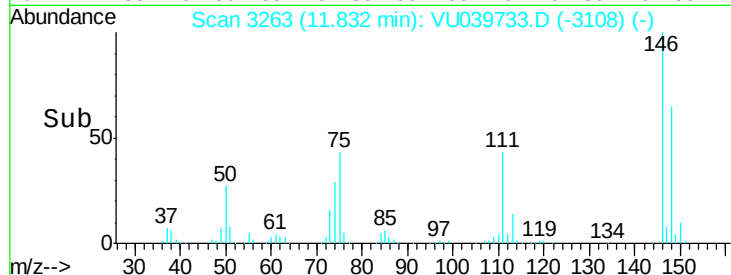
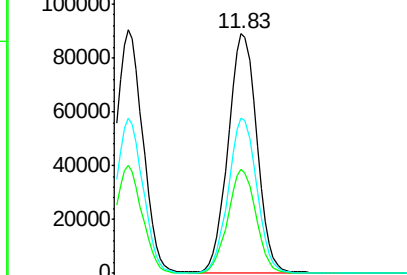
#83
 1,4-Dichlorobenzene
 Concen: 8.707 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 146 Resp: 141387
 Ion Ratio Lower Upper
 146 100
 111 42.6 33.8 50.6
 148 64.2 51.1 76.7

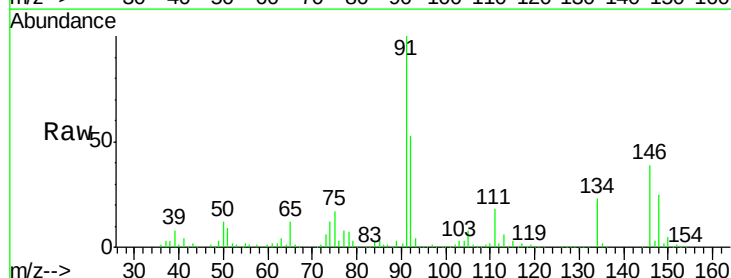


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

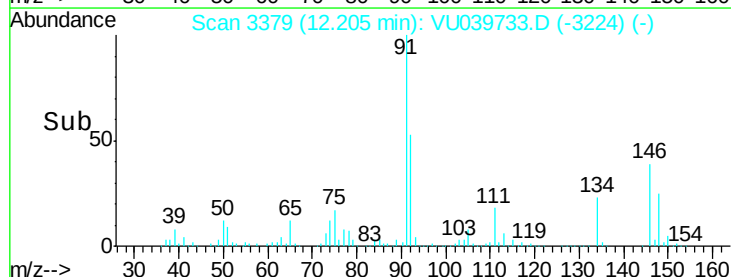
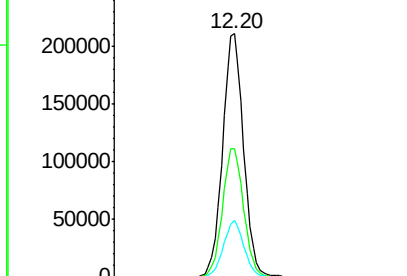


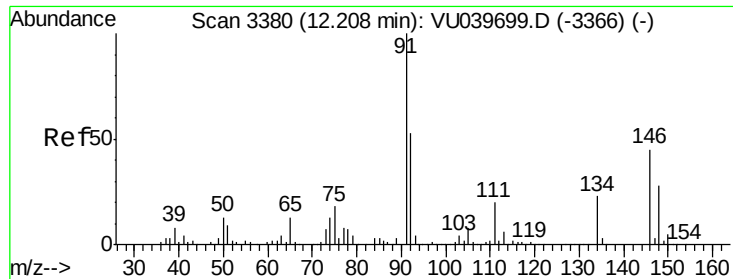
#84
 n-Butylbenzene
 Concen: 9.204 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion: 91 Resp: 307124
 Ion Ratio Lower Upper
 91 100
 92 53.4 42.6 64.0
 134 22.8 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

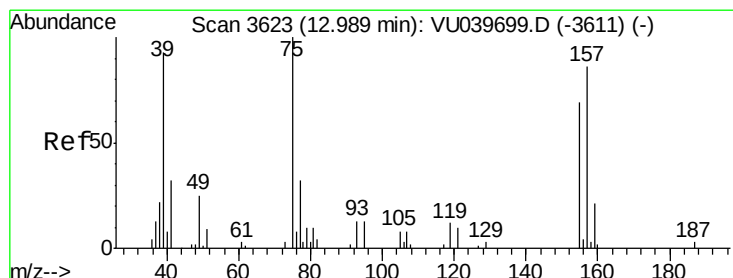
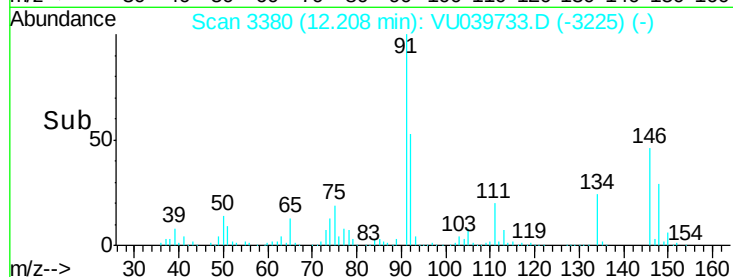
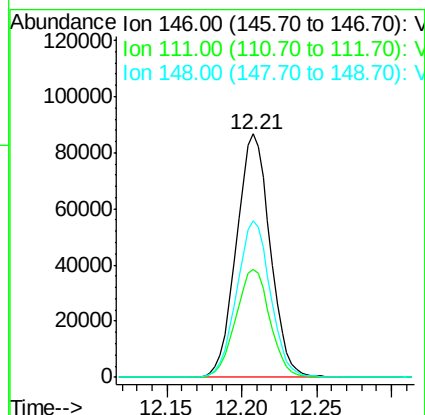
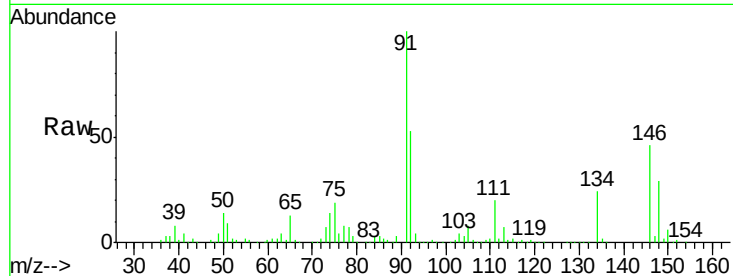




#85
 1,2-Dichlorobenzene
 Concen: 8.766 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

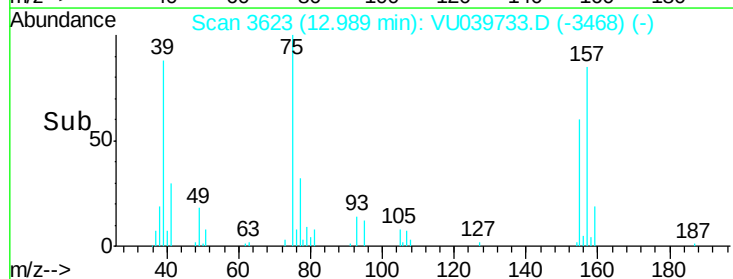
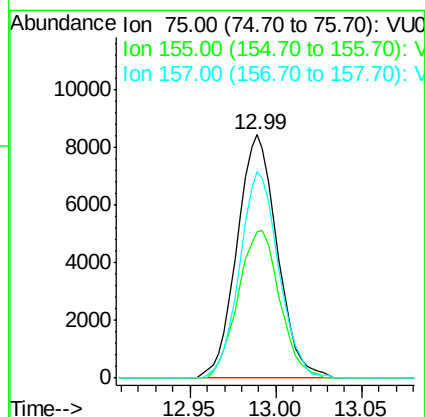
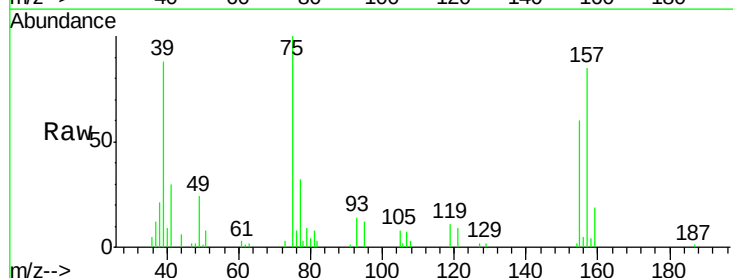
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

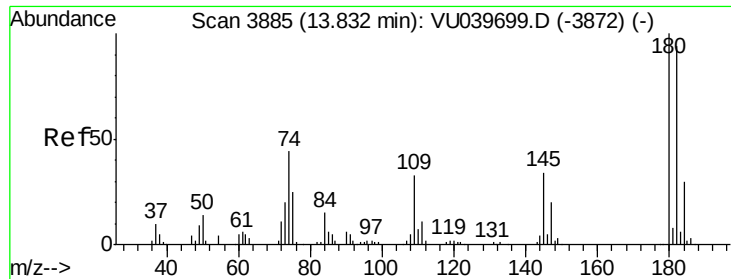
Tgt Ion: 146 Resp: 136388
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.8 68.3
 148 64.4 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.713 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion: 75 Resp: 13714
 Ion Ratio Lower Upper
 75 100
 155 62.6 52.9 79.3
 157 82.2 67.8 101.6

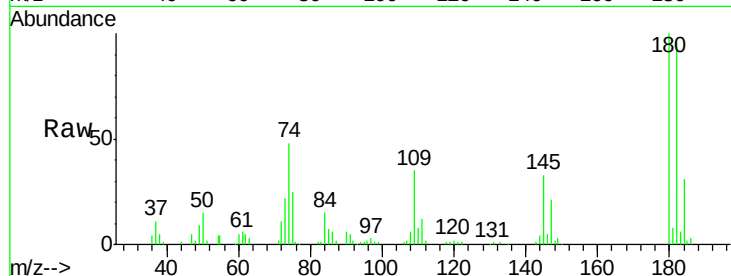




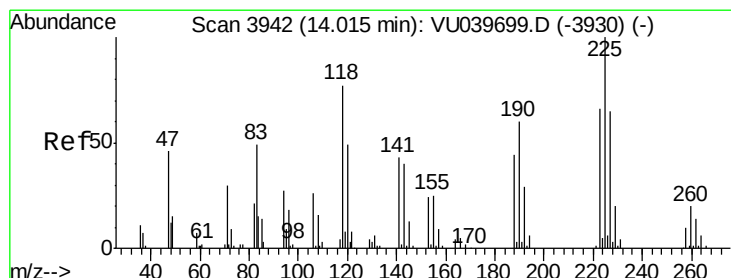
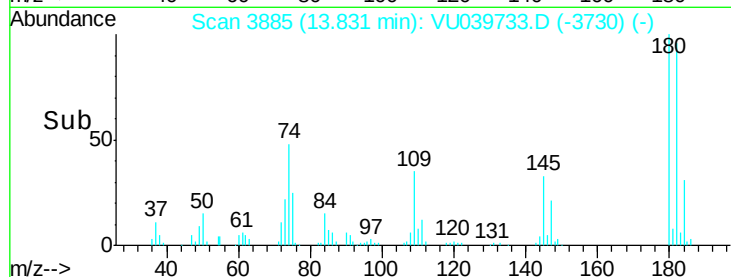
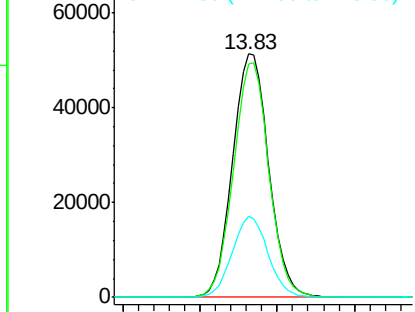
#87
 1,2,4-Trichlorobenzene
 Concen: 8.556 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 83263
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.2 114.4
 145 32.8 26.8 40.2

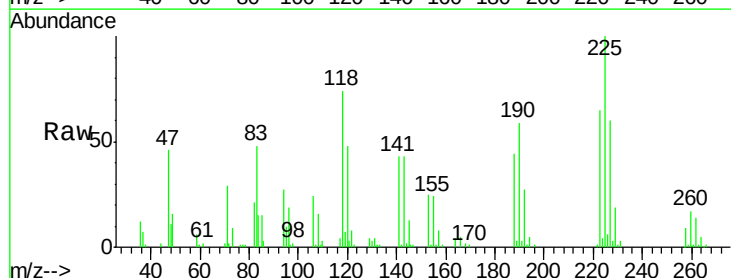


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

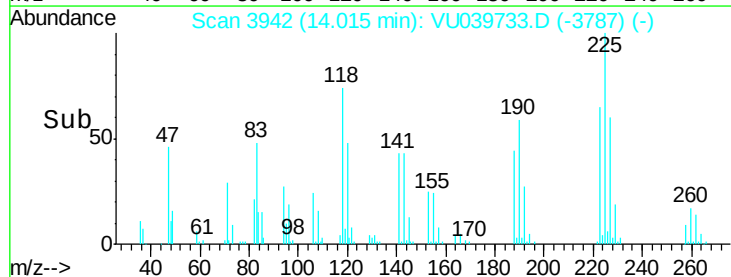
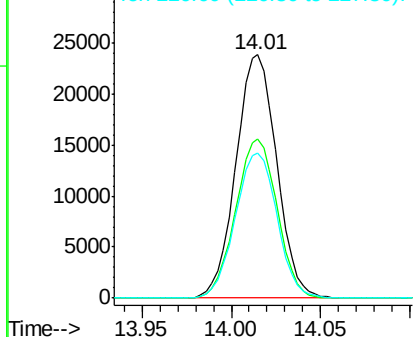


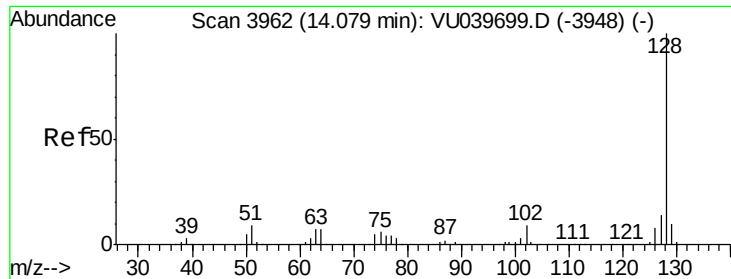
#88
 Hexachlorobutadiene
 Concen: 8.582 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039733.D
 Acq: 31 Jul 2020 14:55

Tgt Ion:225 Resp: 37925
 Ion Ratio Lower Upper
 225 100
 223 66.3 52.4 78.6
 227 61.1 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

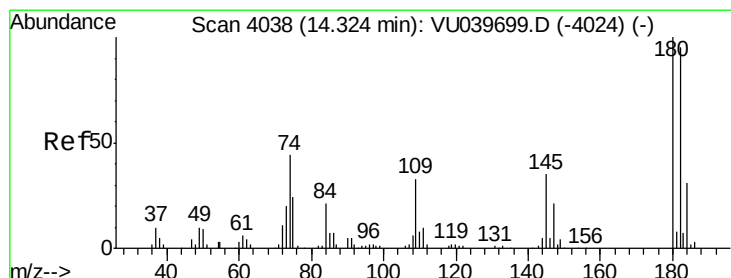
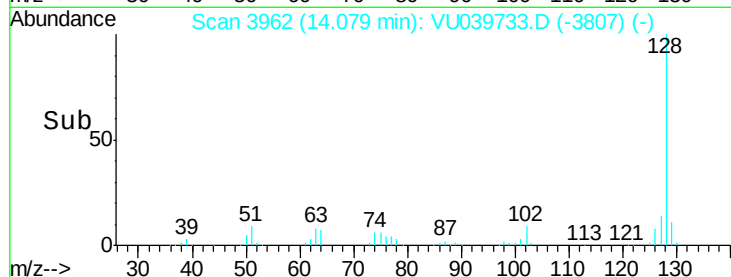
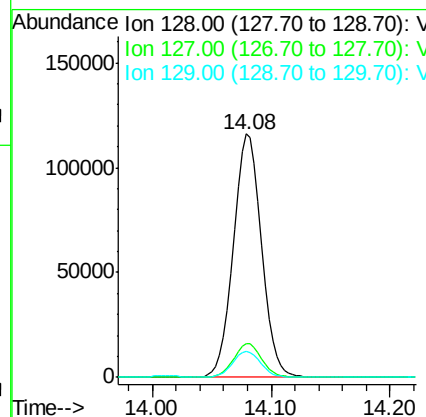
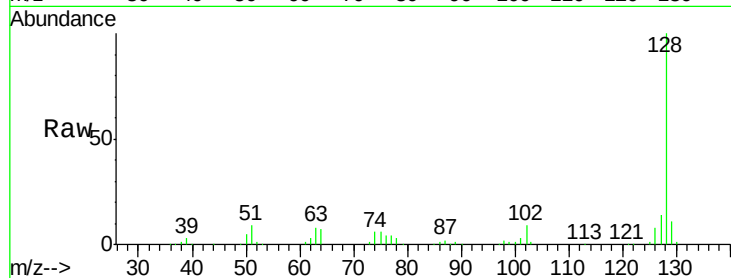




#89
Naphthalene
Concen: 9.131 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 190117
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 10.9 8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 8.796 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. -0.00 min
Lab File: VU039733.D
Acq: 31 Jul 2020 14:55

Tgt Ion:180 Resp: 80800
Ion Ratio Lower Upper
180 100
182 95.2 76.0 114.0
145 34.7 27.8 41.6

