

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039715.D
 Acq On : 29 Jul 2020 20:54
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jul 30 01:51:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	21350	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	9076	1.09	ug/l	0.00
Spiked Amount	1.000		Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8377	1.03	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	67391	9.084	ug/l 99
3) Chloromethane	1.53	50	85393	9.266	ug/l 100
4) Vinyl Chloride	1.61	62	79154	9.319	ug/l 99
5) Bromomethane	1.86	94	49151	8.461	ug/l 98
6) Chloroethane	1.94	64	53304	9.045	ug/l 97
7) Trichlorofluoromethane	2.15	101	104087	9.265	ug/l 94
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	59604	9.245	ug/l 99
9) 1,1-Dichloroethene	2.59	96	55267	9.316	ug/l 99
10) Iodomethane	2.73	142	71338	11.923	ug/l 99
11) Allyl Chloride	2.93	41	118339	9.248	ug/l 98
12) Acrylonitrile	3.33	53	41564	19.961	ug/l 94
13) Acetone	2.64	43	82715	42.219	ug/l 99
14) Carbon Disulfide	2.80	76	201971	9.284	ug/l 100
15) Methylene Chloride	3.06	84	69203	8.369	ug/l 98
16) trans-1,2-Dichloroethene	3.37	96	62087	9.206	ug/l 99
17) 1,1-Dichloroethane	3.89	63	136965	9.248	ug/l 99
18) 2-Butanone	4.74	43	154454	46.882	ug/l 99
19) Cyclohexane	5.39	56	121178	8.454	ug/l 95
20) Methylcyclohexane	6.77	83	101726	9.577	ug/l 99
21) 2,2-Dichloropropane	4.68	77	102084	8.450	ug/l 99
22) cis-1,2-Dichloroethene	4.68	96	68516	9.425	ug/l 99
23) Diethyl Ether	2.39	59	55929	9.221	ug/l 98
24) tert-Butyl Alcohol	3.20	59	68642	94.628	ug/l 98
25) Methyl tert-Butyl Ether	3.38	73	183319	9.471	ug/l 99
26) Bromochloromethane	4.99	128	27043	9.092	ug/l 94
27) Chloroform	5.11	83	126503	9.127	ug/l 97
28) 1,1,1-Trichloroethane	5.33	97	104929	9.356	ug/l 100
29) 1,1-Dichloropropene	5.54	75	99913	9.251	ug/l 100
30) Carbon Tetrachloride	5.53	117	85350	9.307	ug/l 99
31) Isopropyl Ether	4.02	45	250017	9.256	ug/l 100
32) Ethyl-t-butyl ether	4.53	59	216355	9.412	ug/l 100
33) Tert-Amyl methyl ether	5.97	73	155646	9.392	ug/l 100
34) Propionitrile	4.80	54	39673	48.815	ug/l 99
35) Benzene	5.79	78	241099	9.025	ug/l 100
36) 1,2-Dichloroethane	5.81	62	90375	9.025	ug/l 99
37) Trichloroethene	6.55	130	56214	9.197	ug/l 98
38) 1,2-Dichloropropane	6.81	63	70187	9.533	ug/l 99
39) Methacrylonitrile	5.00	41	37544	8.766	ug/l 98
40) Methyl acrylate	4.87	55	51094	9.251	ug/l 99
41) Tetrahydrofuran	5.09	42	38511	17.871	ug/l 96
42) 1-Chlorobutane	5.47	56	160508	9.470	ug/l 99

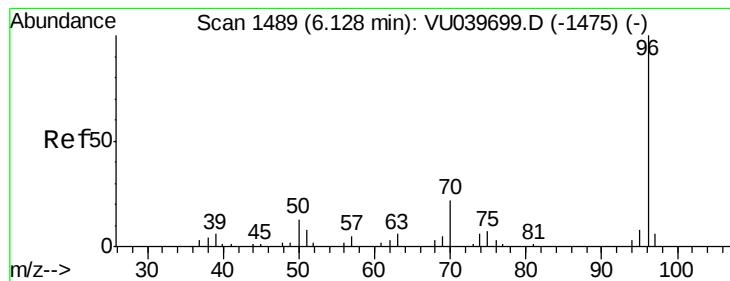
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	37400	9.440	ug/l	98
44) Bromodichloromethane	7.12	83	85675	9.431	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	297700	49.602	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	89811	50.311	ug/l #	49
47) Methyl methacrylate	6.98	69	73856	19.986	ug/l	98
48) Ethyl methacrylate	8.35	69	67633	9.944	ug/l	99
49) Toluene	7.98	92	153176	9.633	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	81309	9.938	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	91098	9.473	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	48959	9.511	ug/l	99
53) 1,3-Dichloropropane	8.58	76	92383	9.347	ug/l	99
54) 2-Hexanone	8.70	43	213548	49.695	ug/l	99
55) Dibromochloromethane	8.82	129	54849	9.923	ug/l	99
56) 1,2-Dibromoethane	8.93	107	47733	9.623	ug/l	100
58) Tetrachloroethene	8.56	164	49785	9.305	ug/l	97
59) Chlorobenzene	9.45	112	157554	9.582	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	53558	9.660	ug/l	99
61) Pentachloroethane	11.43	117	46767	9.601	ug/l	97
62) Hexachloroethane	12.47	117	44562	9.981	ug/l	100
63) Ethyl Benzene	9.57	91	292893	9.939	ug/l	100
64) m/p-Xylenes	9.70	106	232130	20.163	ug/l	99
65) o-Xylene	10.10	106	109845	10.049	ug/l	98
66) Styrene	10.11	104	192733	10.289	ug/l	99
67) Bromoform	10.29	173	28531	10.118	ug/l	98
69) Isopropylbenzene	10.48	105	291151	9.972	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	73136	9.870	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	89811	16.088	ug/l	81
72) Bromobenzene	10.78	156	64092	9.666	ug/l	98
73) n-propylbenzene	10.91	120	81979	9.987	ug/l	98
74) 2-Chlorotoluene	10.99	126	68167	9.830	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	259100	10.266	ug/l	99
76) 4-Chlorotoluene	11.10	126	73323	10.208	ug/l	98
77) tert-Butylbenzene	11.42	119	243681	10.064	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	271783	10.500	ug/l	99
79) sec-Butylbenzene	11.64	105	346295	10.048	ug/l	100
80) Nitrobenzene	13.20	77	6363	48.807	ug/l	97
81) p-Isopropyltoluene	11.79	119	279825	10.075	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	134889	9.452	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	136602	9.516	ug/l	99
84) n-Butylbenzene	12.20	91	290020	9.831	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	131292	9.545	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13270	10.631	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	81562	9.481	ug/l	98
88) Hexachlorobutadiene	14.01	225	35517	9.091	ug/l	99
89) Naphthalene	14.08	128	185242	10.064	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	77340	9.523	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 96 Resp: 21350

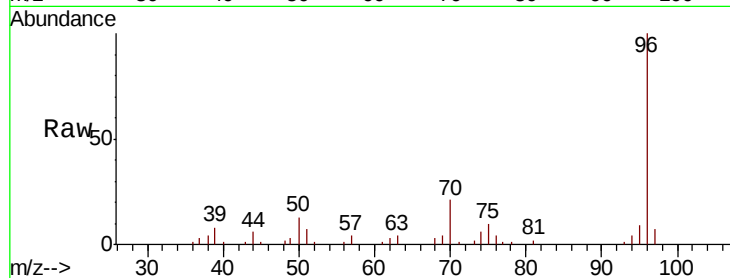
Ion Ratio Lower Upper

96 100

70 19.9 16.3 24.5

95 9.2 6.8 10.2

97 0.0 0.0 0.0

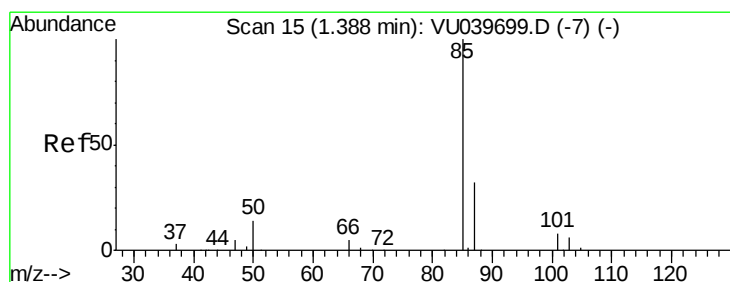
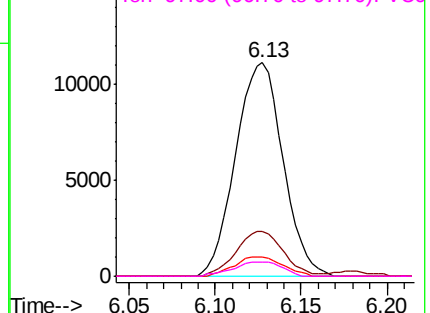
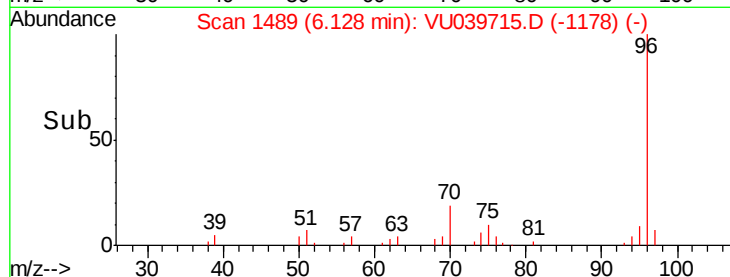


Abundance Ion 96.00 (95.70 to 96.70): VU039715.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU039715.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU039715.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU039715.D (-1178) (-)



#2

Dichlorodifluoromethane

Concen: 9.084 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039715.D

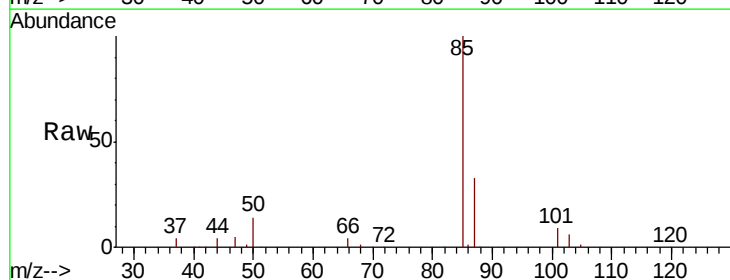
Acq: 29 Jul 2020 20:54

Tgt Ion: 85 Resp: 67391

Ion Ratio Lower Upper

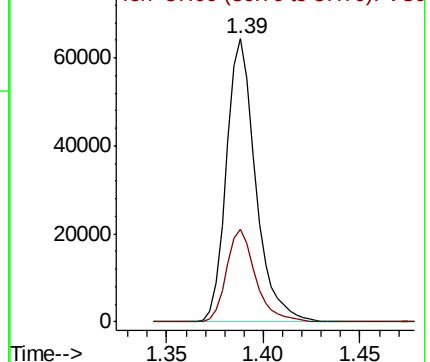
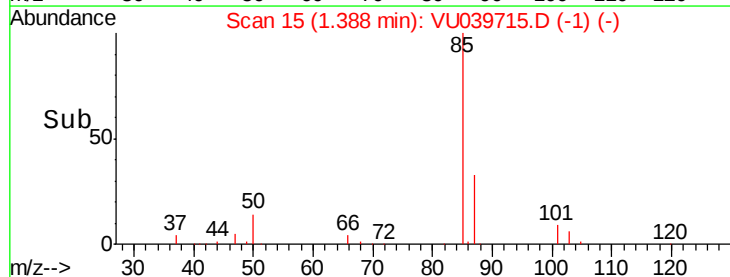
85 100

87 32.8 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039715.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU039715.D (-1) (-)

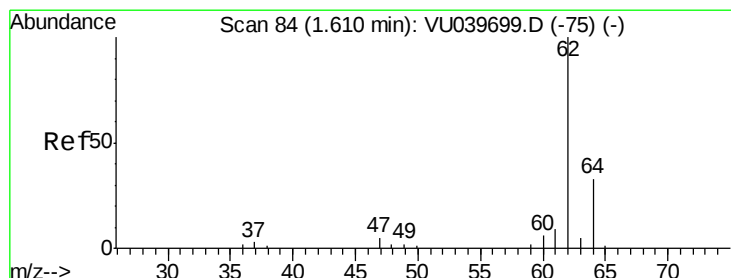
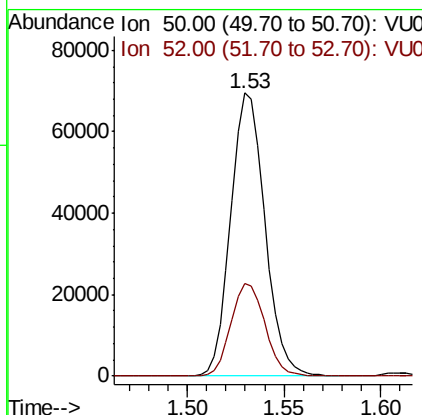
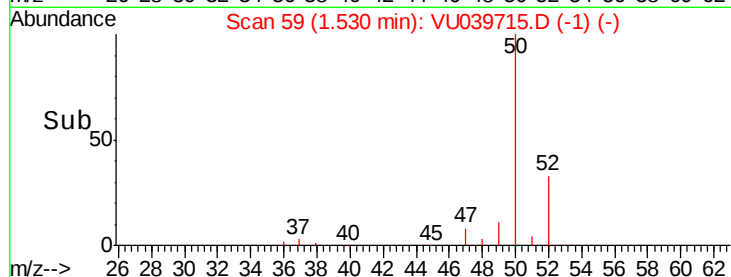
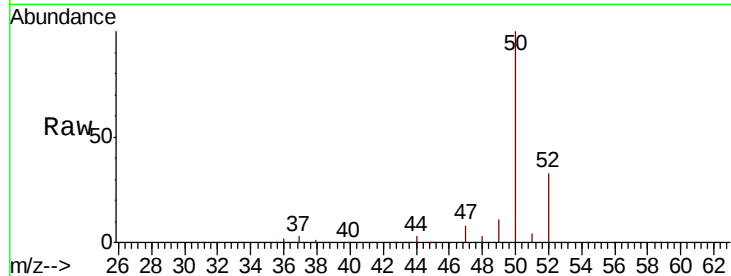




#3
 Chloromethane
 Concen: 9.266 ug/l
 RT: 1.53 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

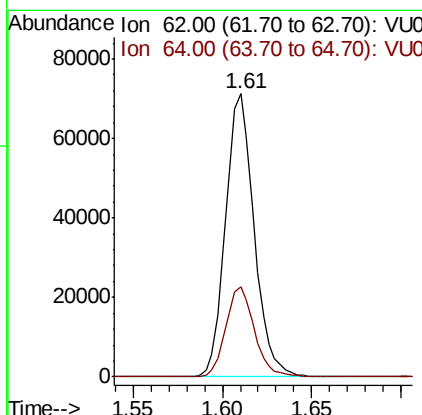
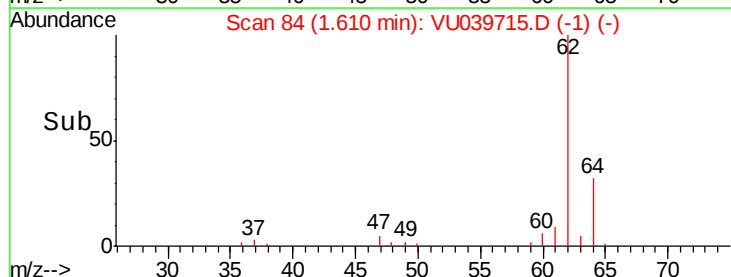
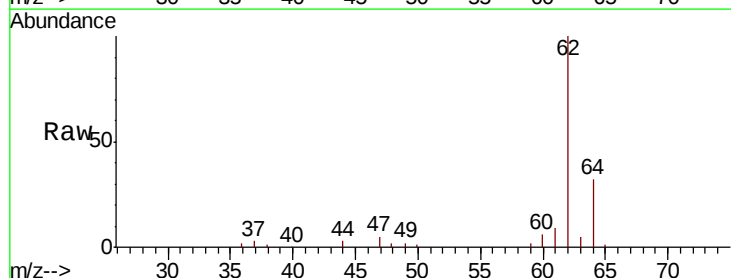
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

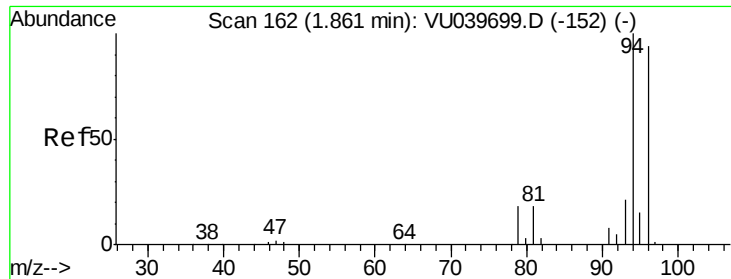
Tot Ion: 50 Resp: 85393
 Ion Ratio Lower Upper
 50 100
 52 32.7 26.0 39.0



#4
 Vinyl Chloride
 Concen: 9.319 ug/l
 RT: 1.61 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 62 Resp: 79154
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.0 39.0





#5

Bromomethane

Concen: 8.461 ug/l

RT: 1.86 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

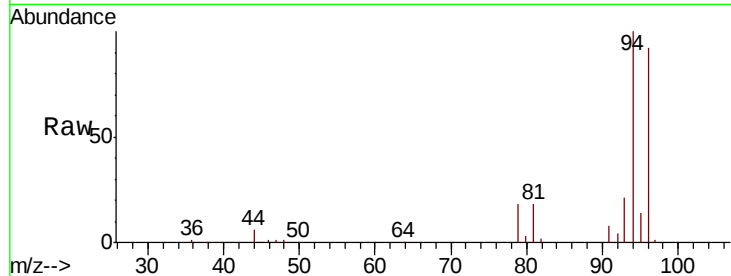
VSTDCCC010EC

Tot Ion: 94 Resp: 49151

Ion Ratio Lower Upper

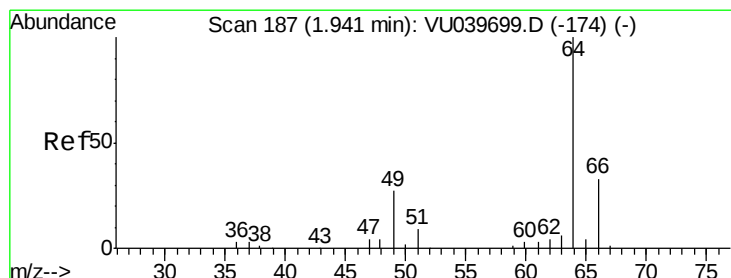
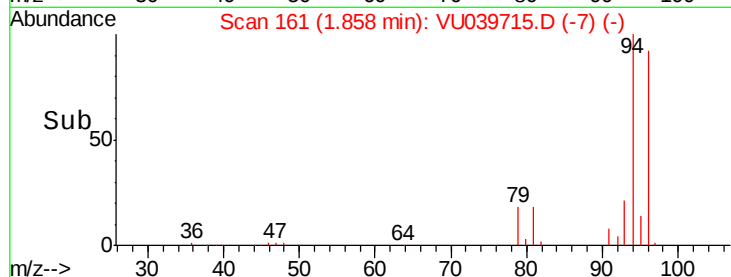
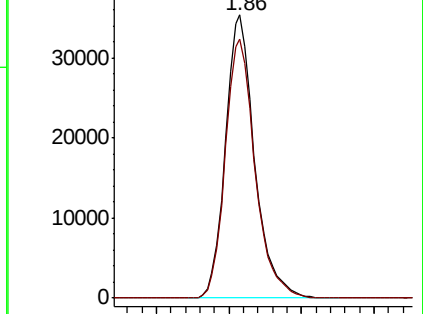
94 100

96 91.7 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU039715.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039715.D (-152) (-)



#6

Chloroethane

Concen: 9.045 ug/l

RT: 1.94 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU039715.D

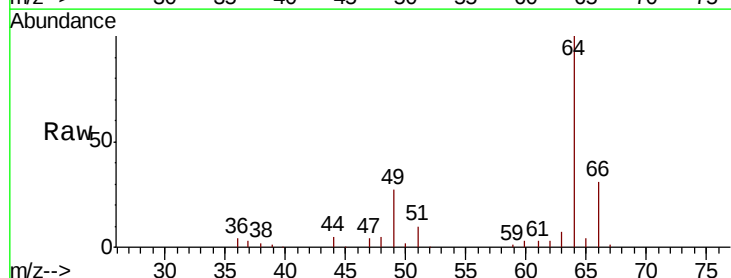
Acq: 29 Jul 2020 20:54

Tgt Ion: 64 Resp: 53304

Ion Ratio Lower Upper

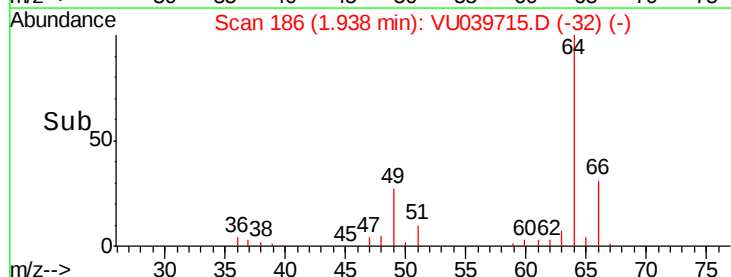
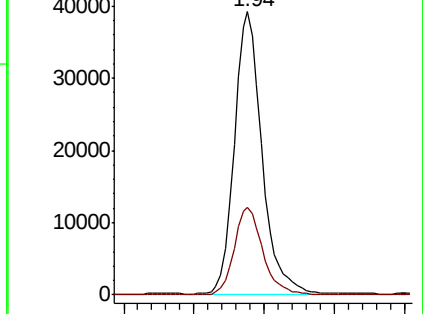
64 100

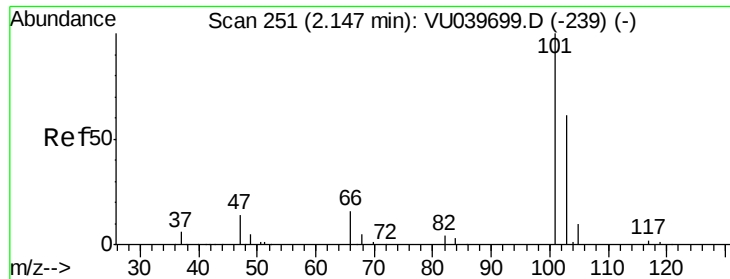
66 31.2 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039715.D (-32) (-)

Ion 66.00 (65.70 to 66.70): VU039715.D (-32) (-)



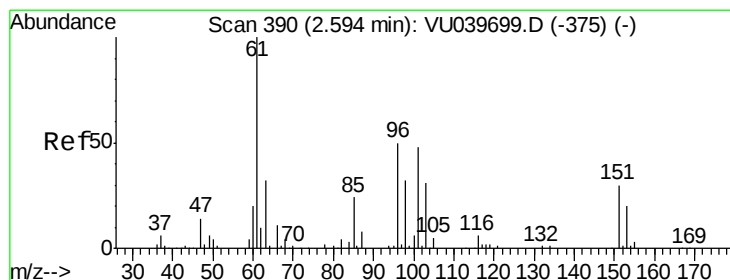
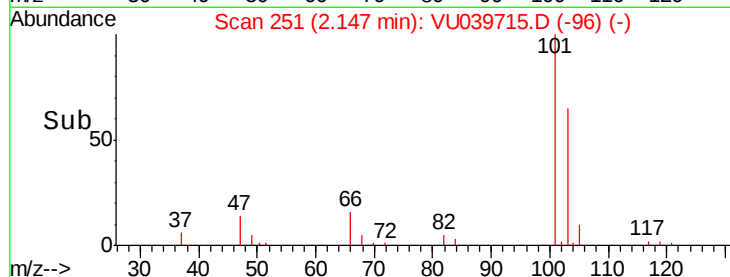
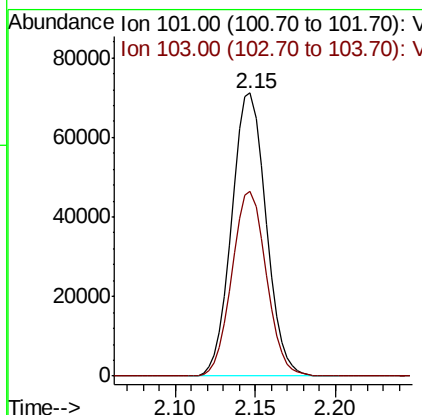
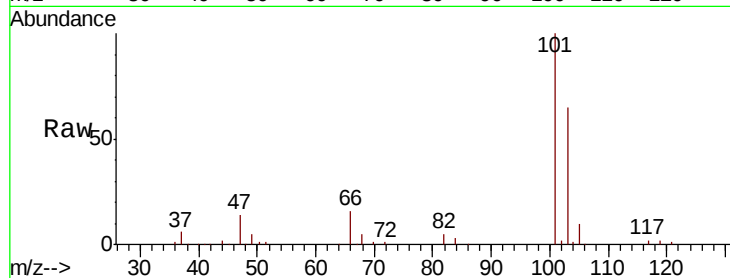


#7

Trichlorofluoromethane
 Concen: 9.265 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Instrument :
 MSVOA_U
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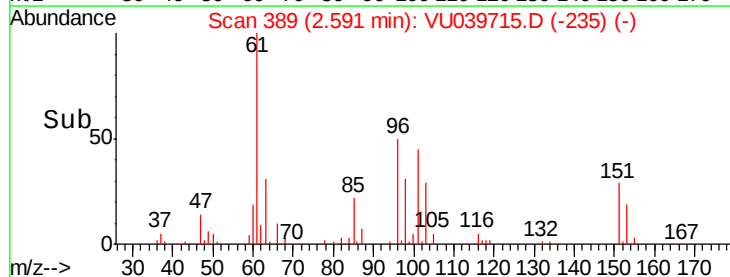
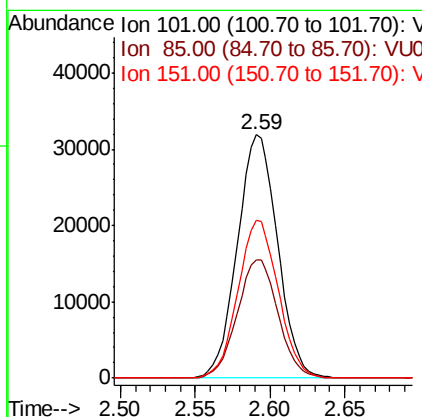
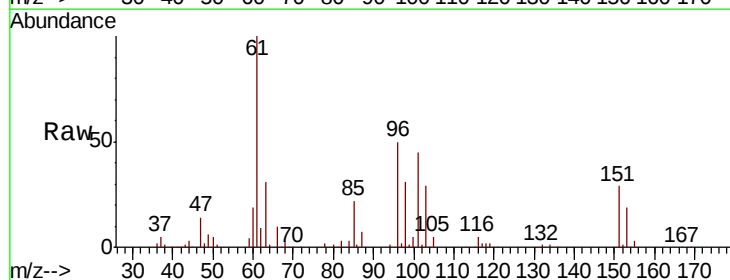
Tot Ion:101 Resp: 104087
 Ion Ratio Lower Upper
 101 100
 103 65.4 48.8 73.2

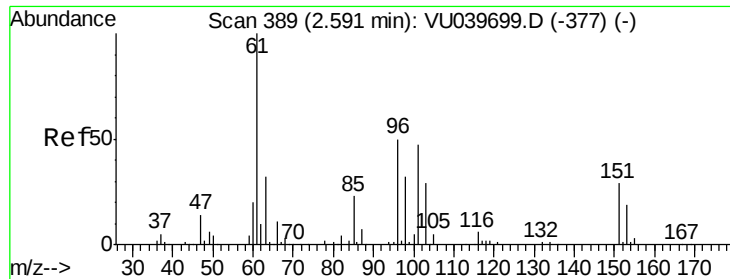


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.245 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion:101 Resp: 59604
 Ion Ratio Lower Upper
 101 100
 85 49.3 39.9 59.9
 151 65.1 51.0 76.4

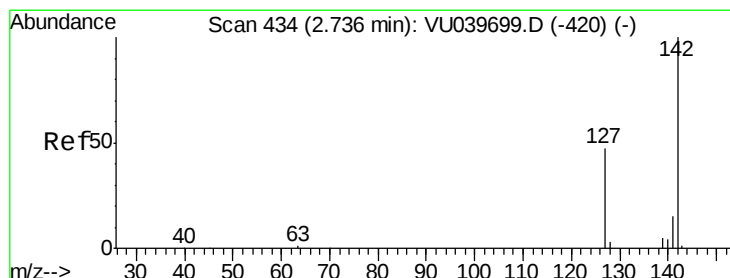
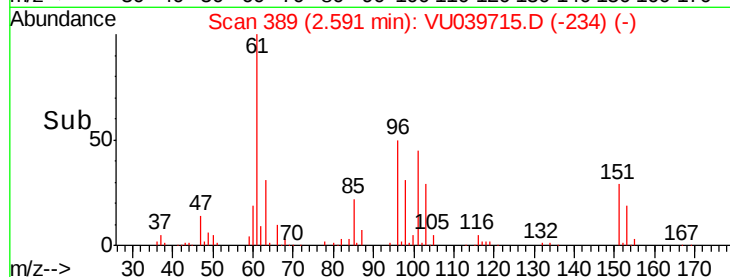
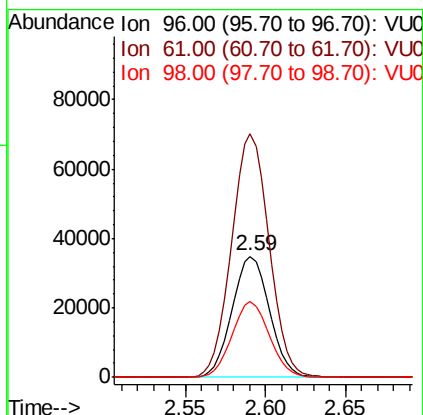
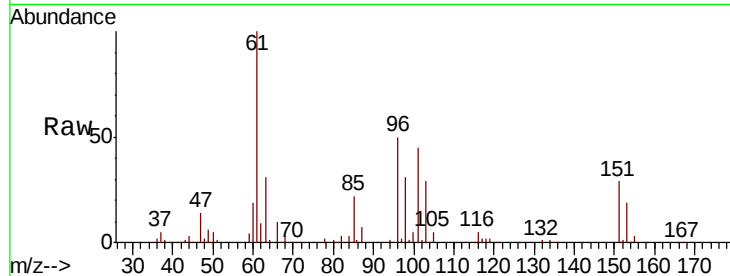




#9
 1,1-Dichloroethene
 Concen: 9.316 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

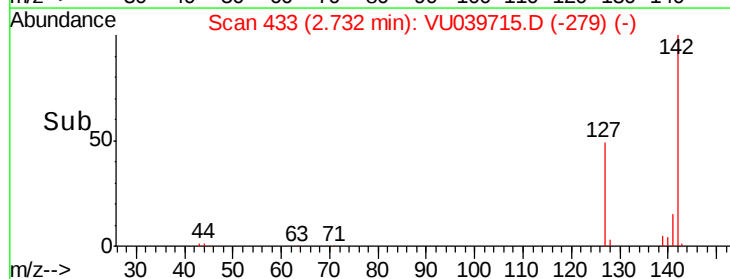
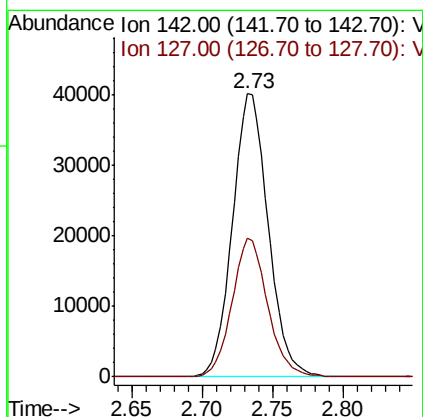
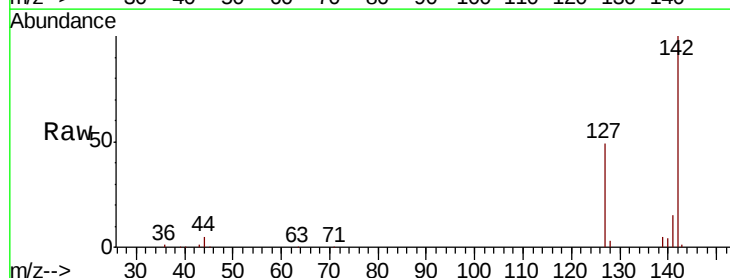
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

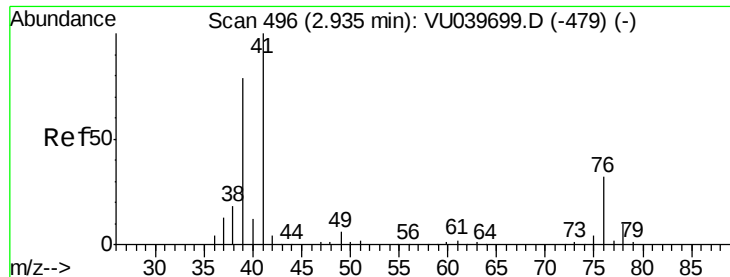
Tot Ion	96	Resp	55267
Ion	Ratio	Lower	Upper
96	100		
61	200.7	0.0	604.5
98	62.1	0.0	127.2



#10
 Iodomethane
 Concen: 11.923 ug/l
 RT: 2.73 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion	142	Resp	71338
Ion	Ratio	Lower	Upper
142	100		
127	48.7	38.4	57.6

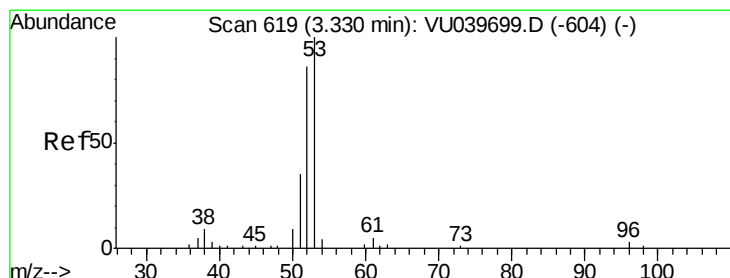
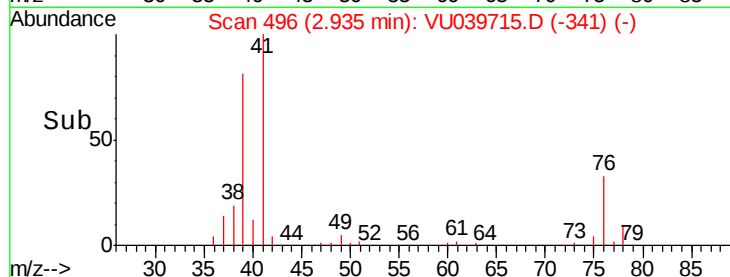
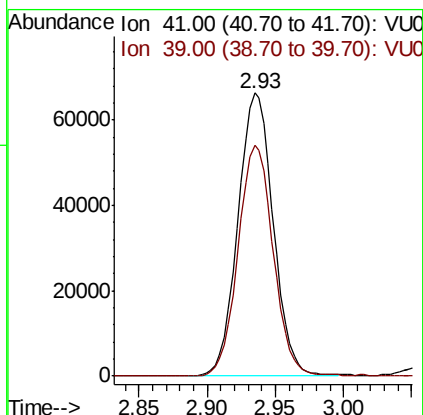
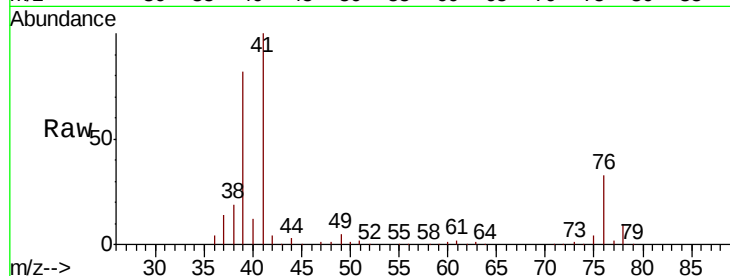




#11
Allvl Chloride
Concen: 9.248 ug/l
RT: 2.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

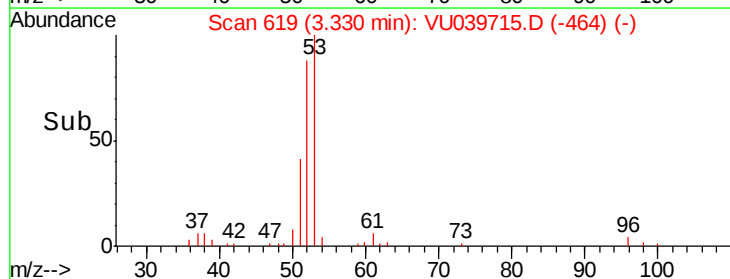
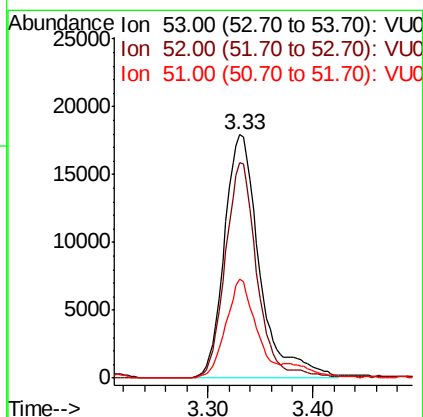
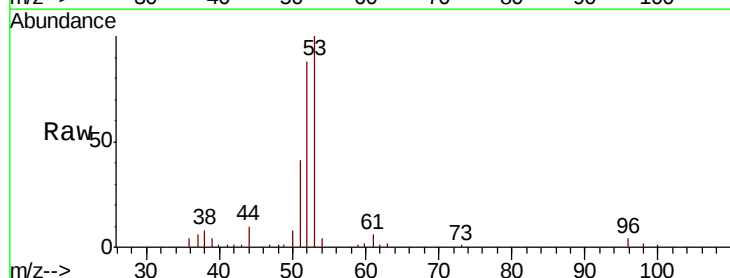
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 41 Resp: 118339
Ion Ratio Lower Upper
41 100
39 82.1 64.2 96.2



#12
Acrylonitrile
Concen: 19.961 ug/l
RT: 3.33 min Scan# 619
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion: 53 Resp: 41564
Ion Ratio Lower Upper
53 100
52 79.9 69.1 103.7
51 35.1 29.4 44.2





#13

Acetone

Concen: 42.219 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

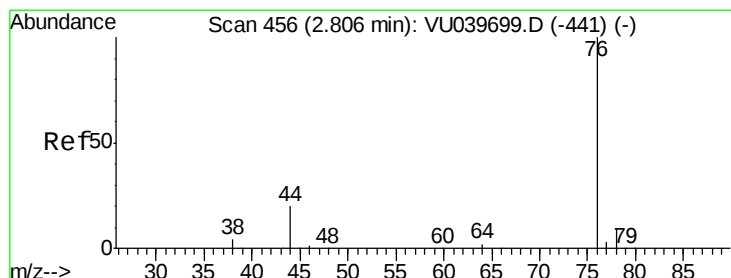
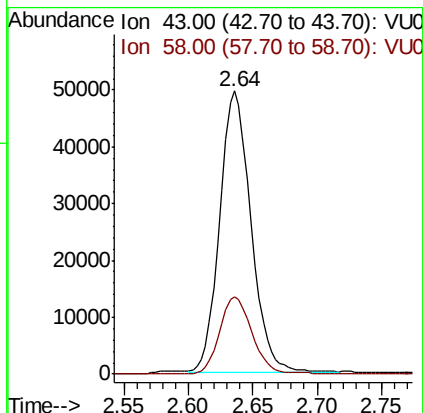
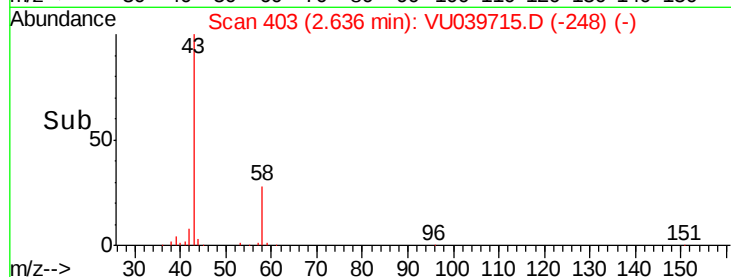
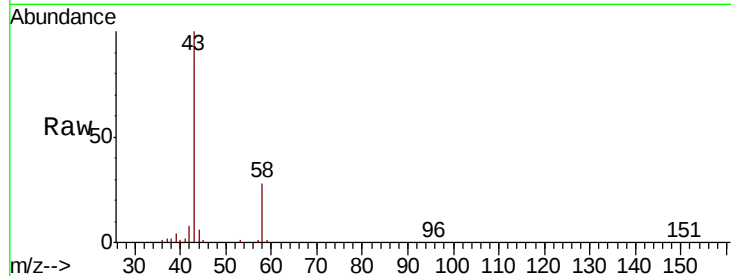
VSTDCCC010EC

Tot Ion: 43 Resp: 82715

Ion Ratio Lower Upper

43 100

58 27.5 21.8 32.6



#14

Carbon Disulfide

Concen: 9.284 ug/l

RT: 2.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039715.D

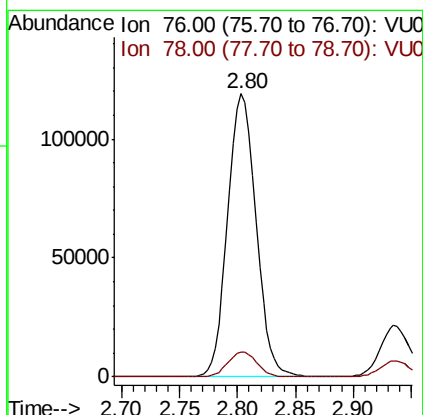
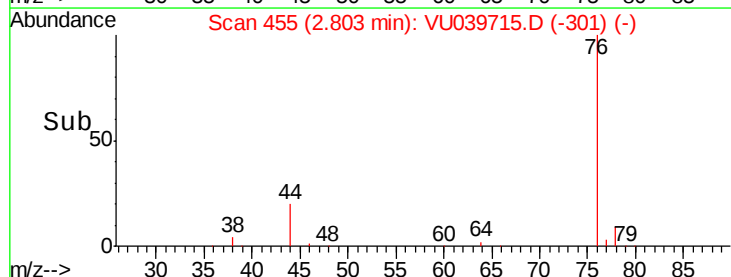
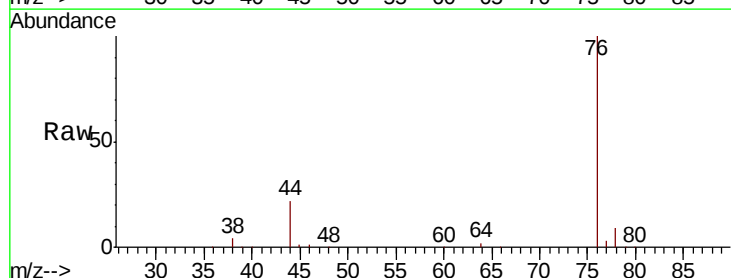
Acq: 29 Jul 2020 20:54

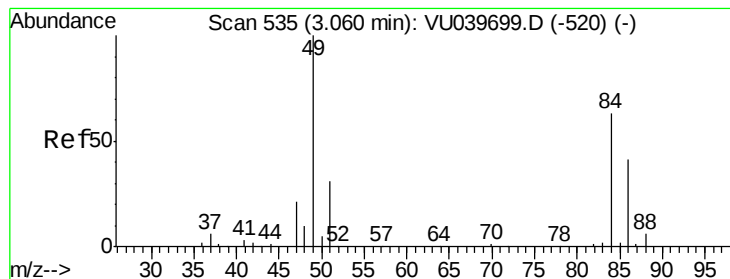
Tgt Ion: 76 Resp: 201971

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6





#15

Methylene Chloride

Concen: 8.369 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 84 Resp: 69203

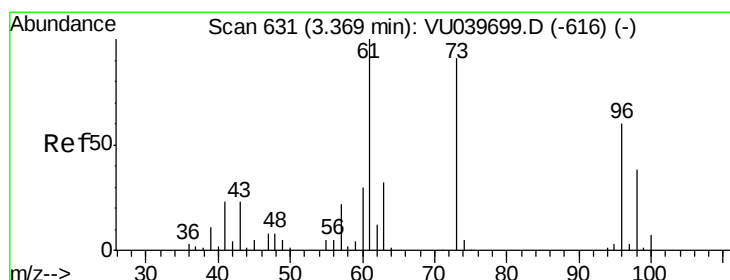
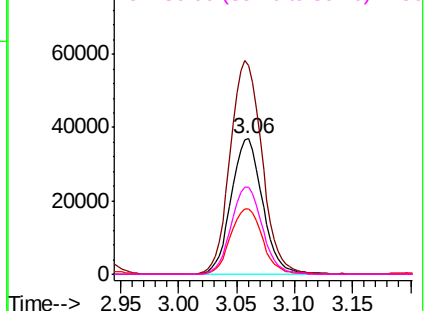
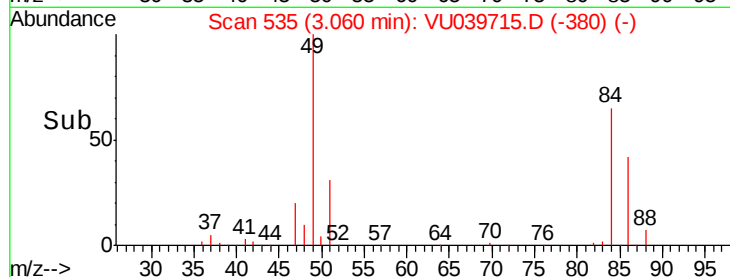
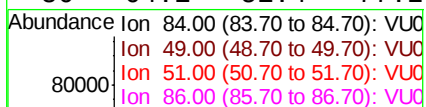
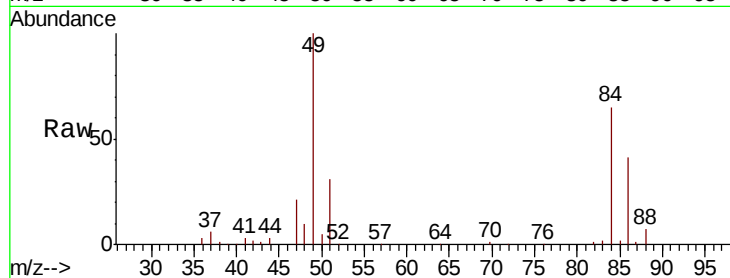
Ion Ratio Lower Upper

84 100

49 154.7 126.8 190.2

51 48.0 0.0 97.2

86 64.1 51.4 77.2



#16

trans-1,2-Dichloroethene

Concen: 9.206 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

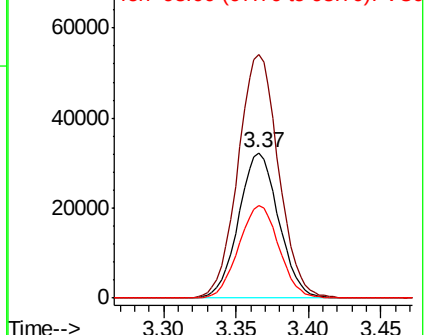
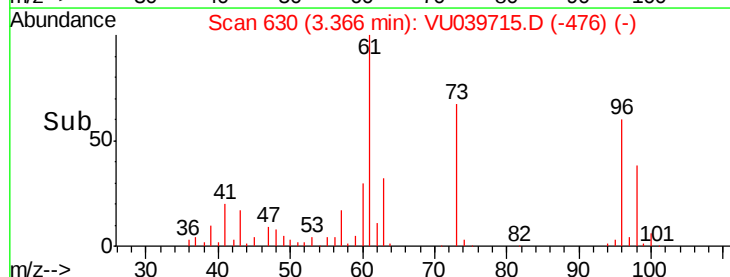
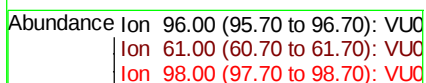
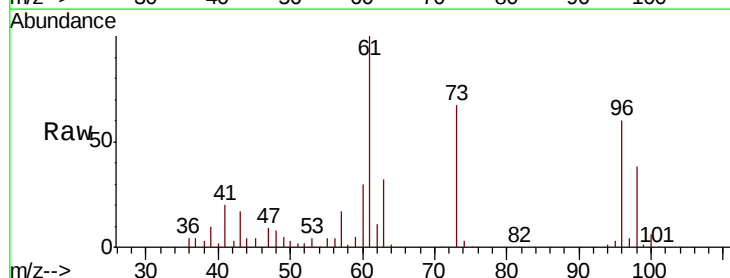
Tgt Ion: 96 Resp: 62087

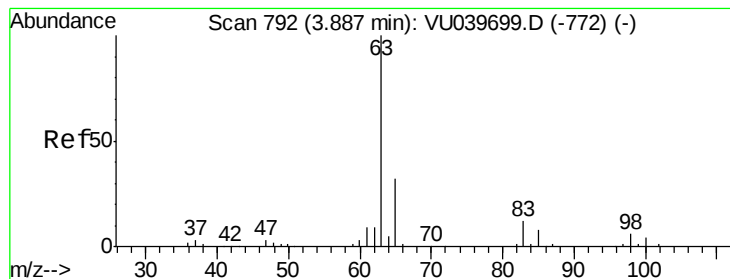
Ion Ratio Lower Upper

96 100

61 167.7 132.6 199.0

98 63.8 50.2 75.2





#17

1,1-Dichloroethane

Concen: 9.248 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

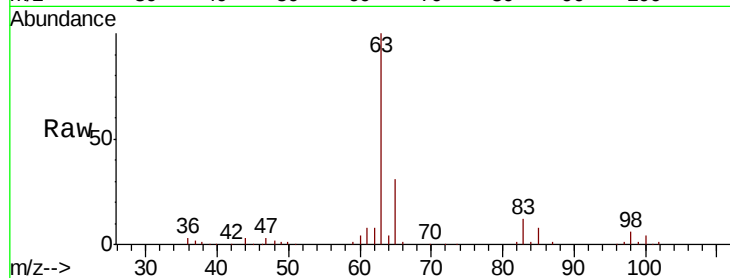
Tot Ion: 63 Resp: 136965

Ion Ratio Lower Upper

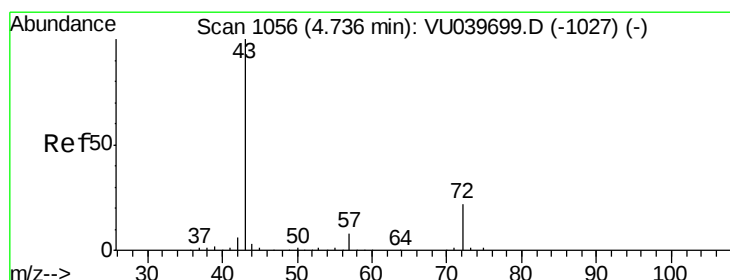
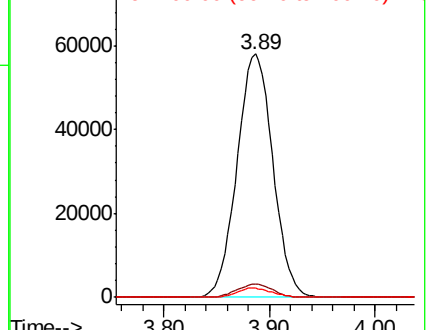
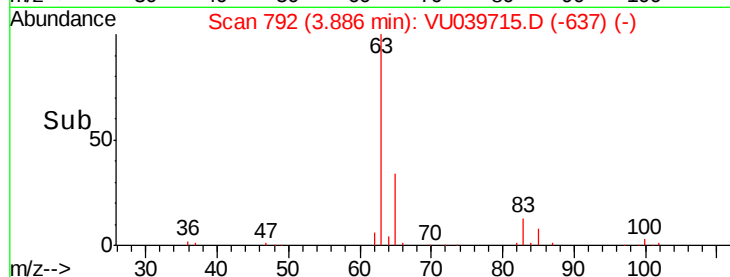
63 100

98 5.5 2.9 8.7

100 3.8 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VU039715.D (-637) (-)



#18

2-Butanone

Concen: 46.882 ug/l

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039715.D

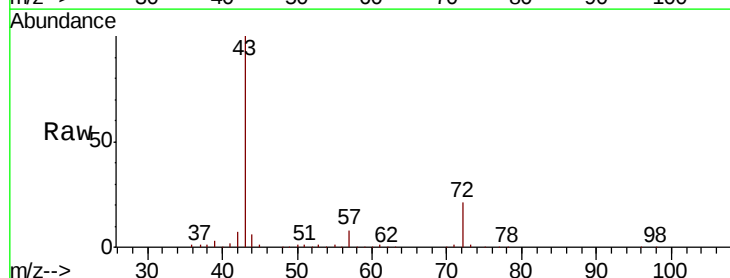
Acq: 29 Jul 2020 20:54

Tgt Ion: 43 Resp: 154454

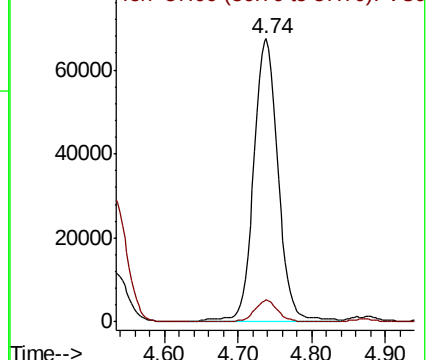
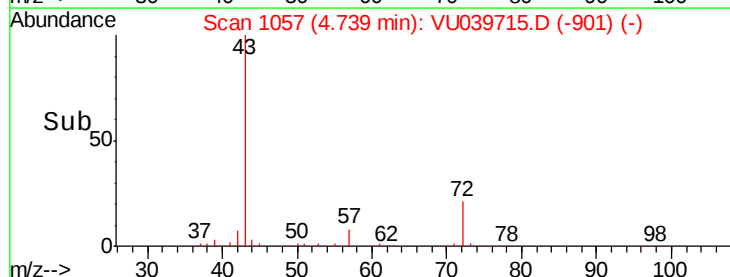
Ion Ratio Lower Upper

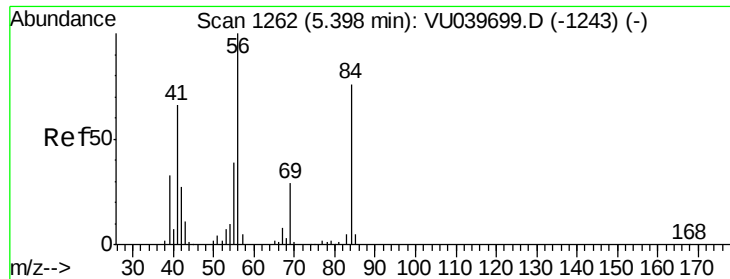
43 100

57 7.9 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039715.D (-901) (-)

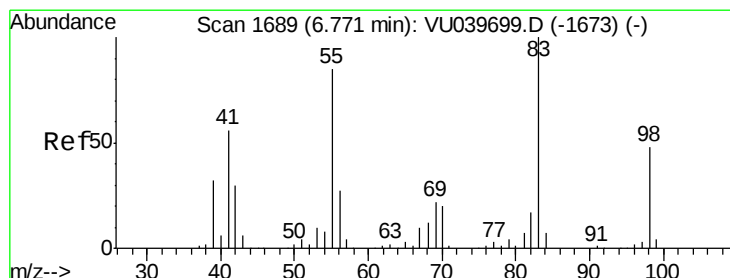
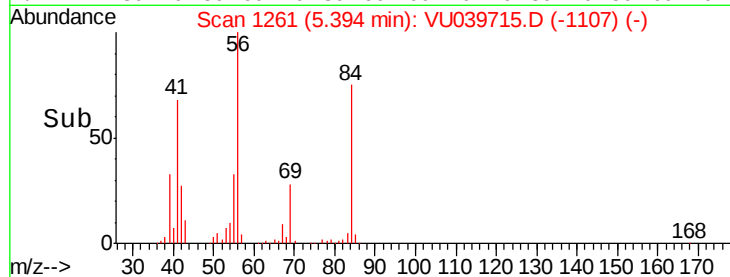
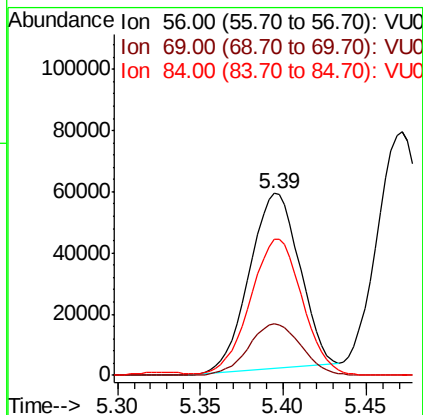
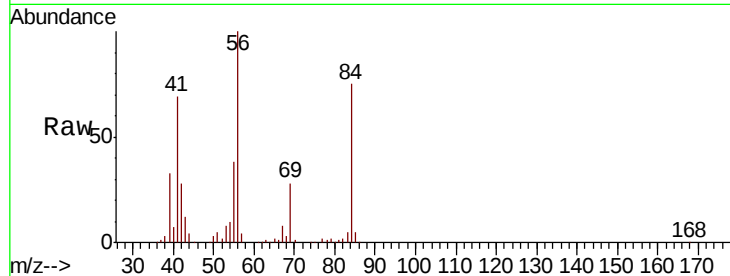




#19
Cyclohexane
Concen: 8.454 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

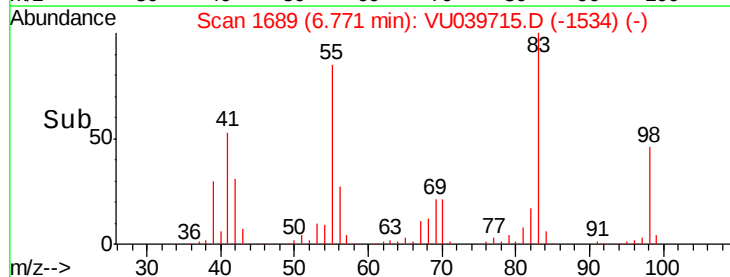
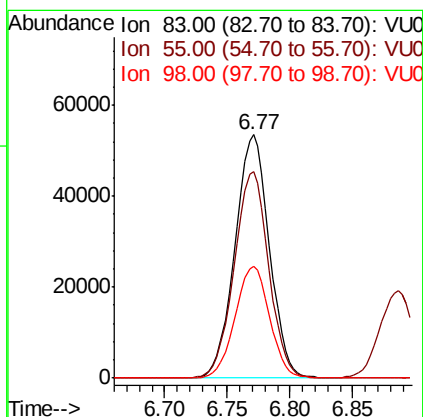
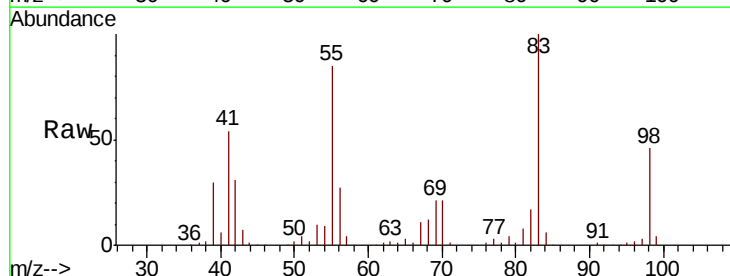
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

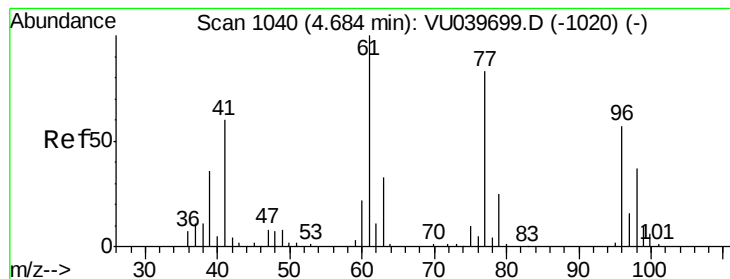
Tot Ion: 56 Resp: 121178
Ion Ratio Lower Upper
56 100
69 30.9 22.8 34.2
84 79.2 59.9 89.9



#20
Methylcyclohexane
Concen: 9.577 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion: 83 Resp: 101726
Ion Ratio Lower Upper
83 100
55 85.5 67.6 101.4
98 46.3 37.3 55.9





#21

2,2-Dichloropropane

Concen: 8.450 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

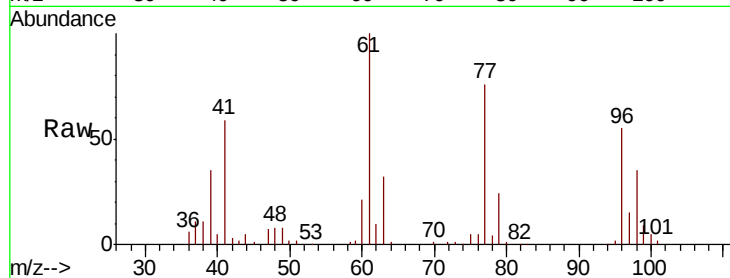
VSTDCCC010EC

Tot Ion: 77 Resp: 102084

Ion Ratio Lower Upper

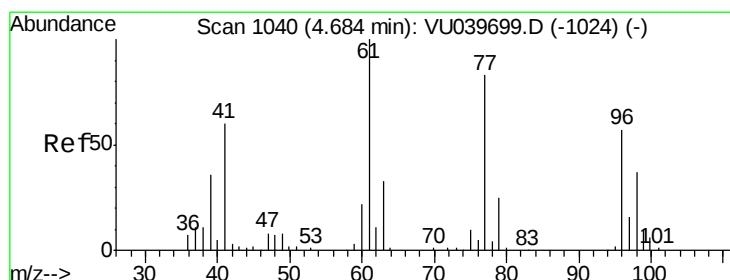
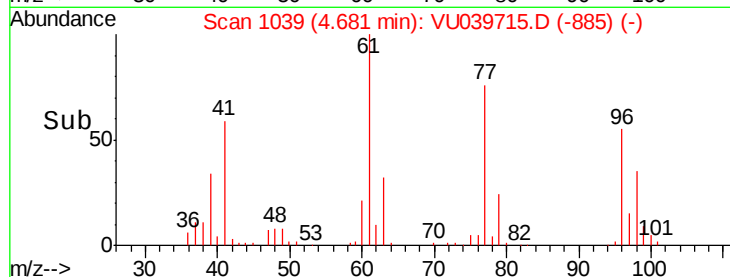
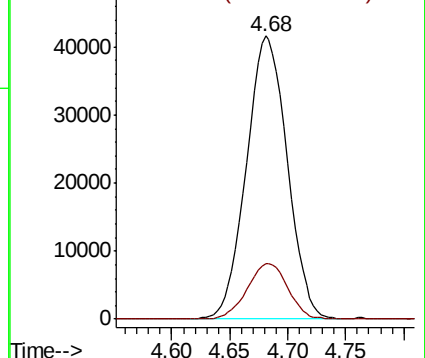
77 100

97 19.5 15.2 22.8



Abundance Ion 77.00 (76.70 to 77.70): VU039699.D (-1020) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-1020) (-)



#22

cis-1,2-Dichloroethene

Concen: 9.425 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

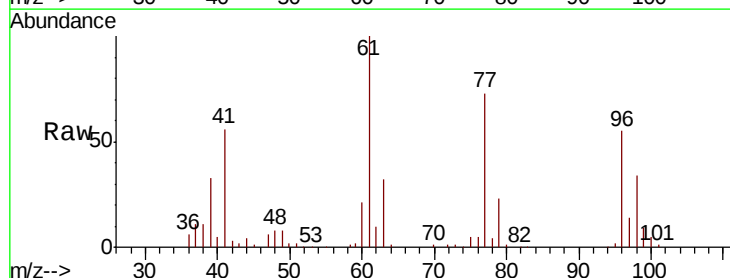
Tgt Ion: 96 Resp: 68516

Ion Ratio Lower Upper

96 100

61 180.8 0.0 451.3

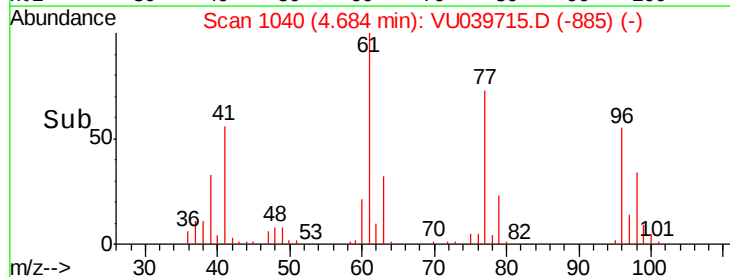
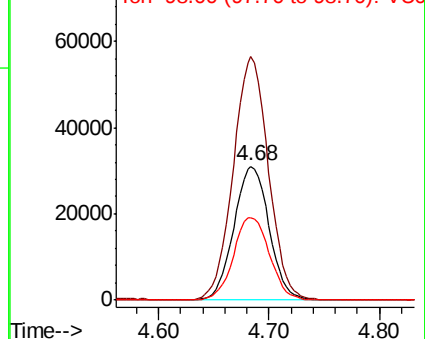
98 63.1 32.6 98.0

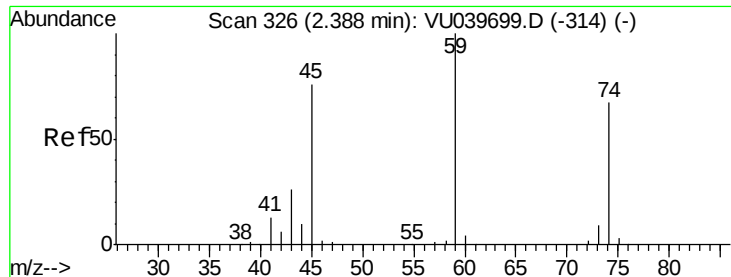


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-1024) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-1024) (-)

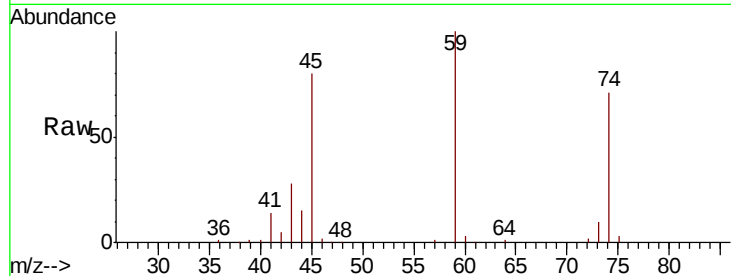




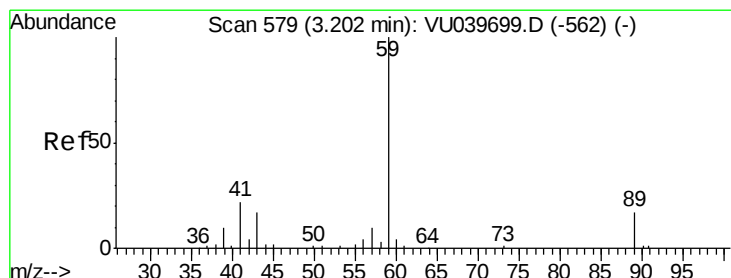
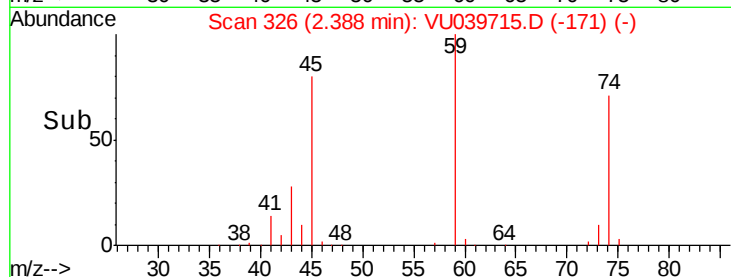
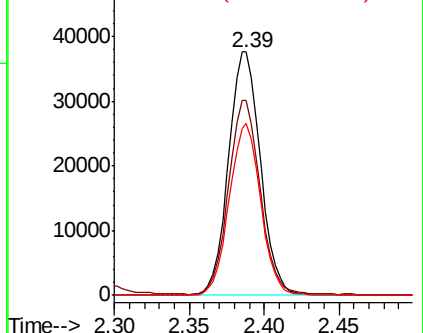
#23
Diethyl Ether
Concen: 9.221 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 59 Resp: 55929
Ion Ratio Lower Upper
59 100
45 78.9 61.5 92.3
74 69.4 54.3 81.5

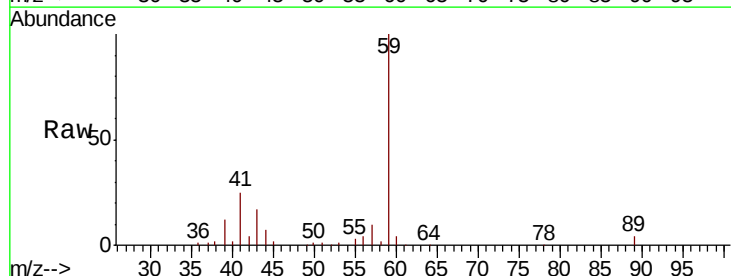


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

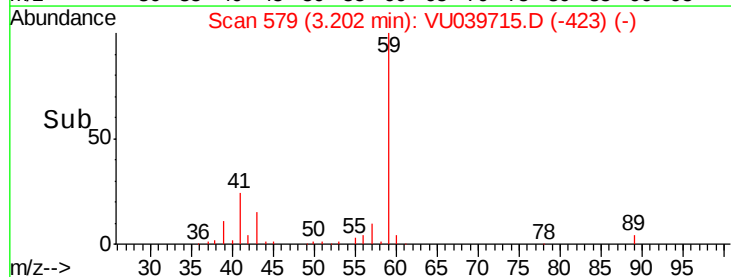
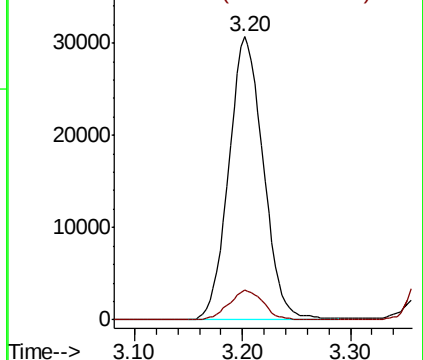


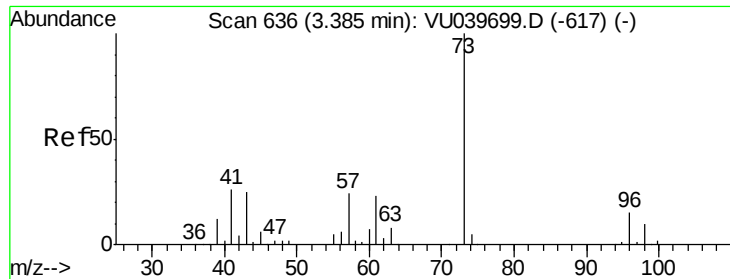
#24
tert-Butyl Alcohol
Concen: 94.628 ug/l
RT: 3.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion: 59 Resp: 68642
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.6



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



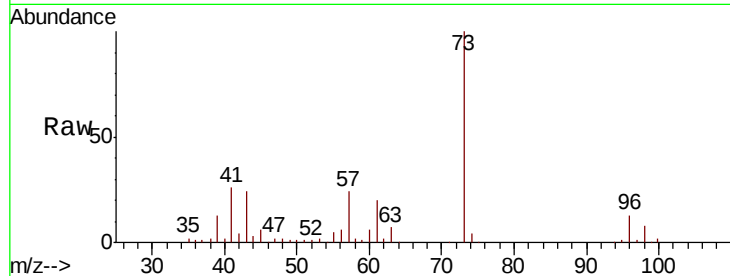


#25

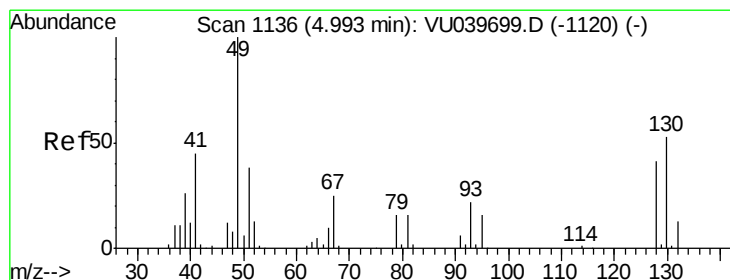
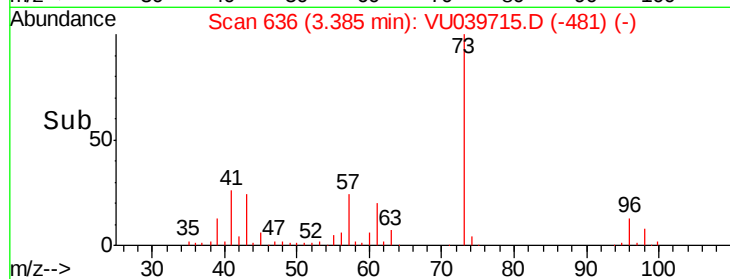
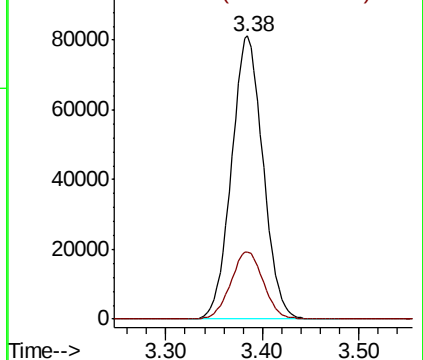
Methyl tert-Butyl Ether
 Concen: 9.471 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 73 Resp: 183319
 Ion Ratio Lower Upper
 73 100
 43 24.8 20.1 30.1



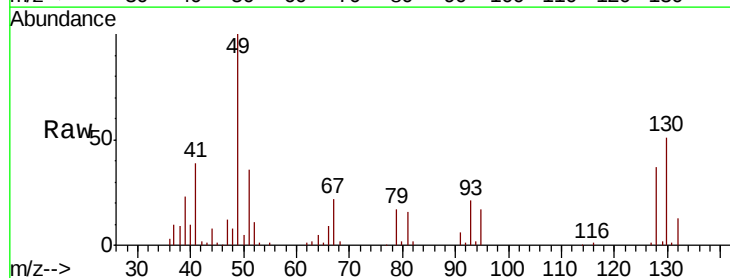
Abundance Ion 73.00 (72.70 to 73.70): VU039699.D (-617) (-)
 Ion 43.00 (42.70 to 43.70): VU039699.D (-617) (-)



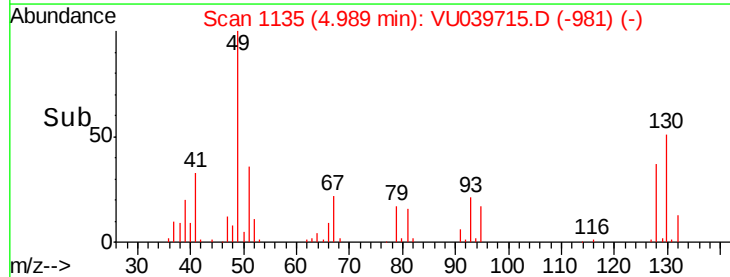
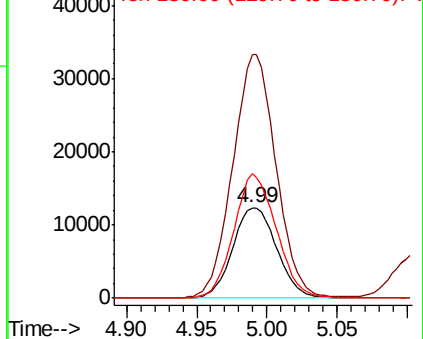
#26

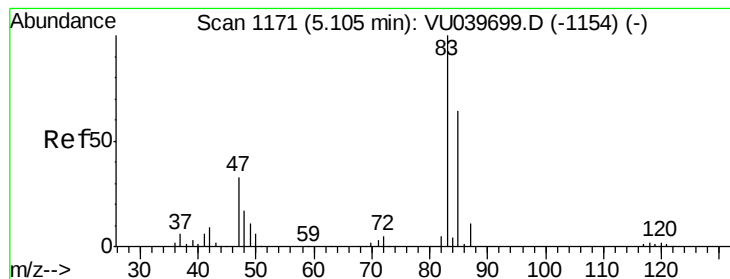
Bromochloromethane
 Concen: 9.092 ug/l
 RT: 4.99 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 128 Resp: 27043
 Ion Ratio Lower Upper
 128 100
 49 264.2 0.0 503.8
 130 132.4 102.7 154.1



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





#27

Chloroform

Concen: 9.127 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

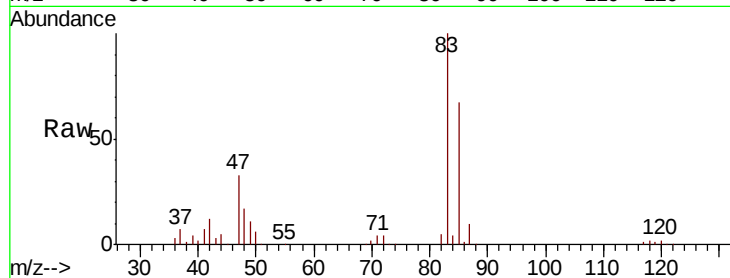
VSTDCCC010EC

Tot Ion: 83 Resp: 126503

Ion Ratio Lower Upper

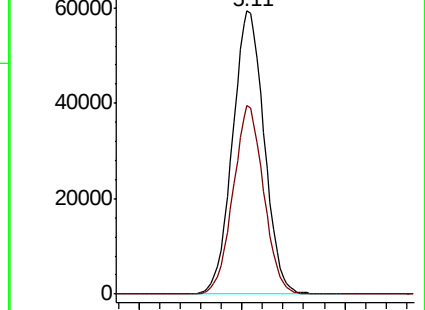
83 100

85 66.6 0.0 128.8

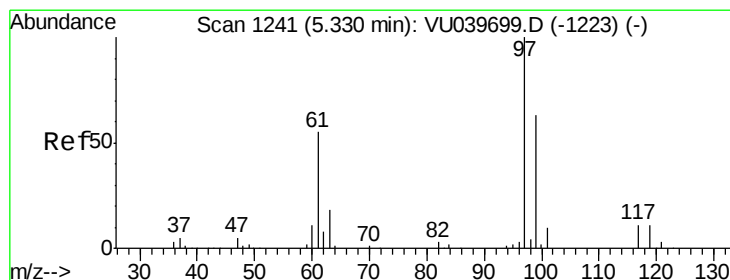
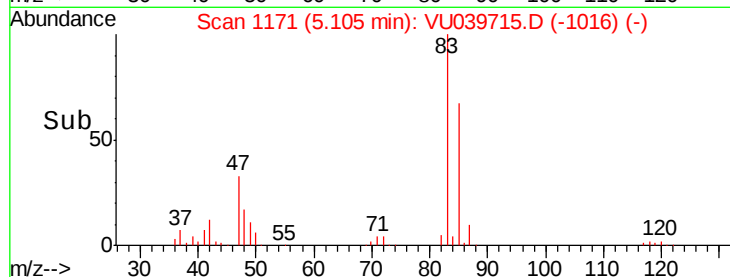


Abundance Ion 83.00 (82.70 to 83.70): VU039715.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039715.D (-1154) (-)



Time-->



#28

1,1,1-Trichloroethane

Concen: 9.356 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

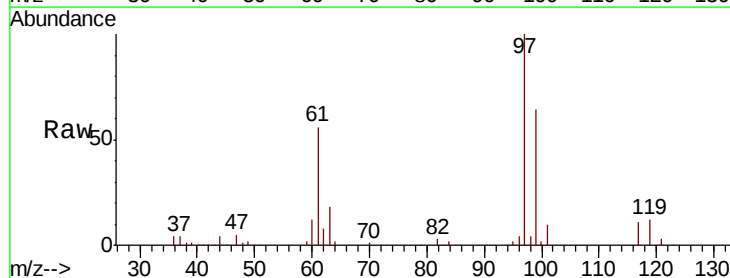
Tgt Ion: 97 Resp: 104929

Ion Ratio Lower Upper

97 100

99 64.6 32.2 96.6

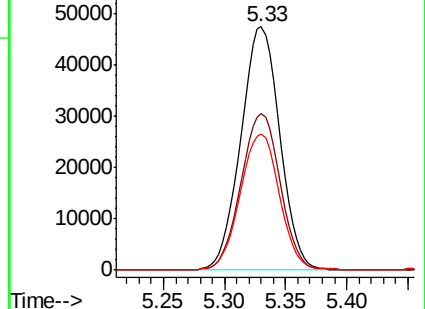
61 56.7 28.3 85.0



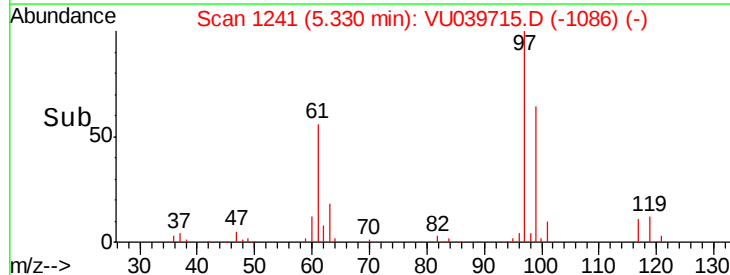
Abundance Ion 97.00 (96.70 to 97.70): VU039715.D (-1086) (-)

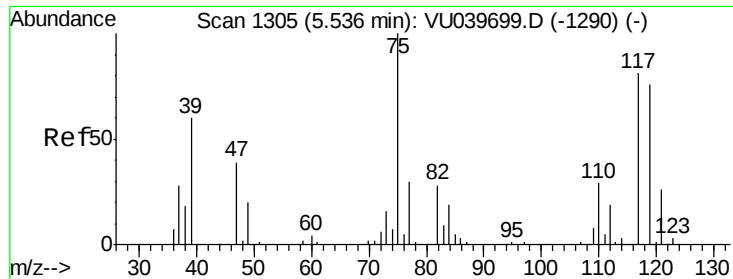
Ion 99.00 (98.70 to 99.70): VU039715.D (-1086) (-)

Ion 61.00 (60.70 to 61.70): VU039715.D (-1086) (-)



Time-->

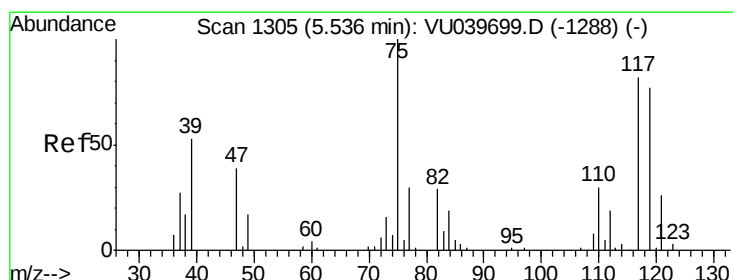
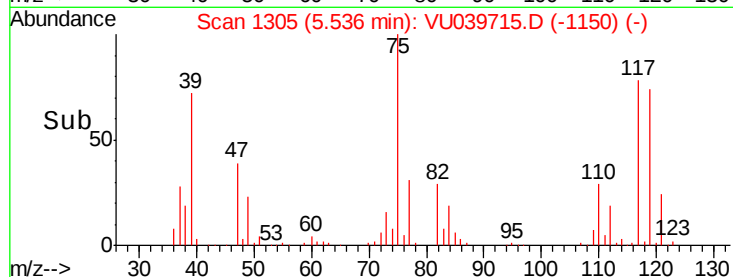
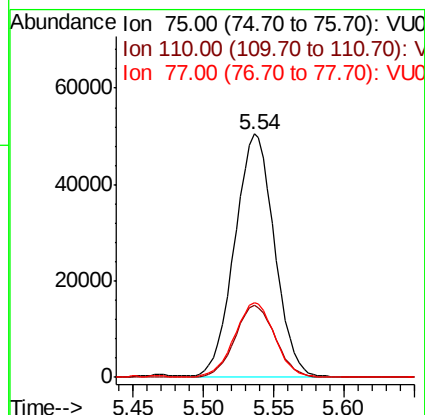
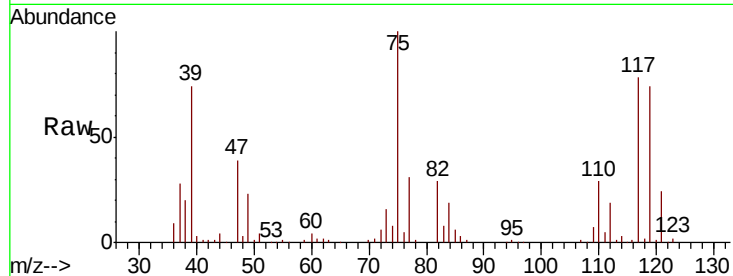




#29
 1,1-Dichloropropene
 Concen: 9.251 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

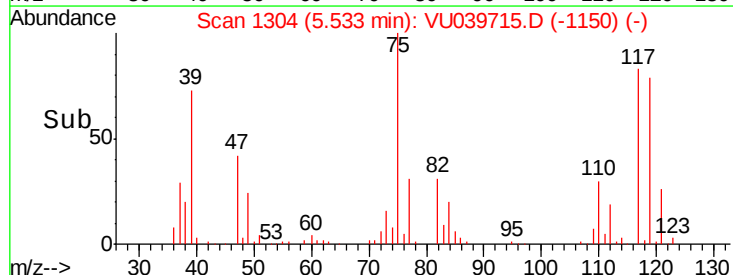
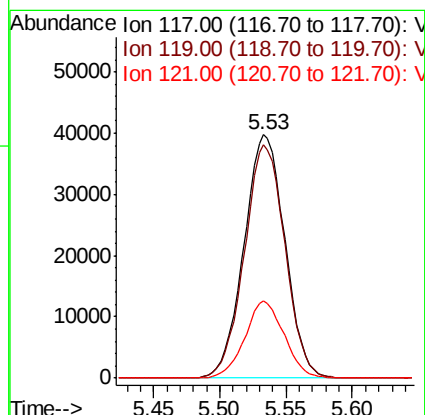
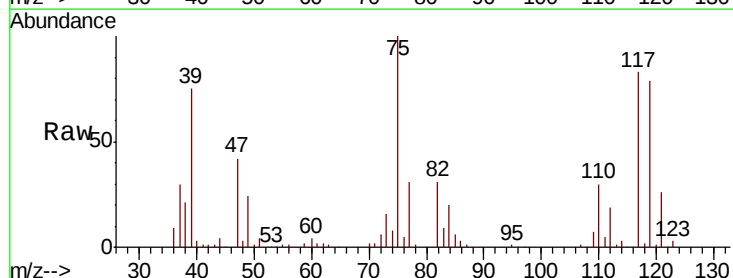
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

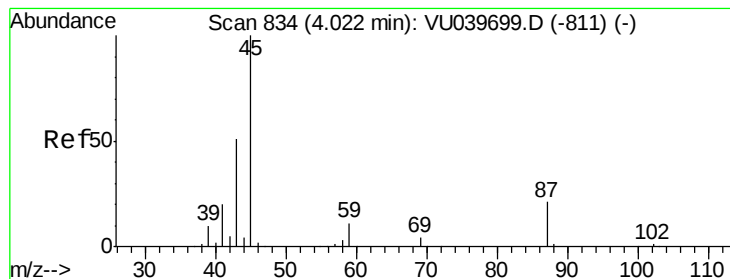
Tot Ion: 75 Resp: 99913
 Ion Ratio Lower Upper
 75 100
 110 29.8 14.6 44.0
 77 31.2 25.0 37.4



#30
 Carbon Tetrachloride
 Concen: 9.307 ug/l
 RT: 5.53 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 117 Resp: 85350
 Ion Ratio Lower Upper
 117 100
 119 95.8 75.2 112.8
 121 31.8 25.4 38.2





#31

Isopropyl Ether

Concen: 9.256 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

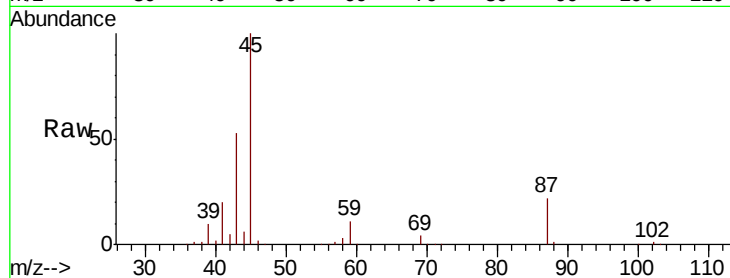
VSTDCCC010EC

Tot Ion: 45 Resp: 250017

Ion Ratio Lower Upper

45 100

43 52.9 26.5 79.4



Abundance Ion 45.00 (44.70 to 45.70): VU039715.D (-679) (-)

Ion 43.00 (42.70 to 43.70): VU039715.D (-679) (-)

4.02

100000

80000

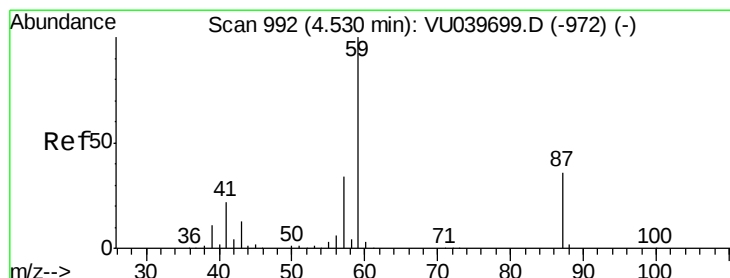
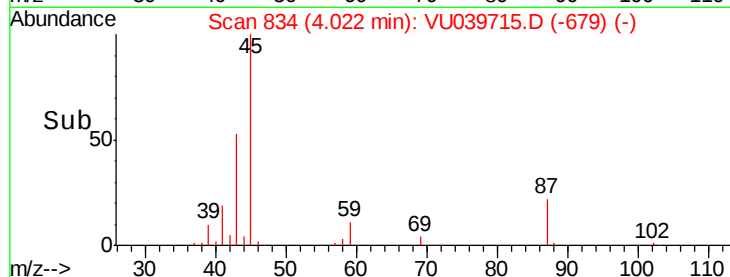
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.412 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039715.D

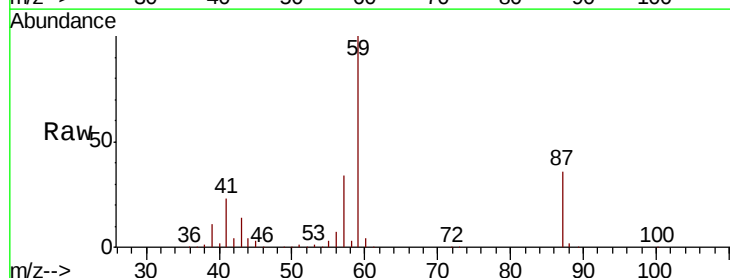
Acq: 29 Jul 2020 20:54

Tgt Ion: 59 Resp: 216355

Ion Ratio Lower Upper

59 100

87 37.0 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039715.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU039715.D (-837) (-)

4.53

100000

80000

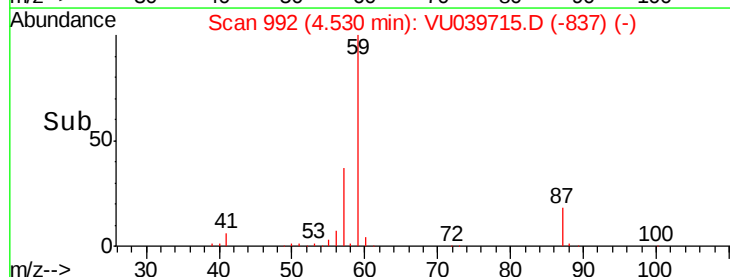
60000

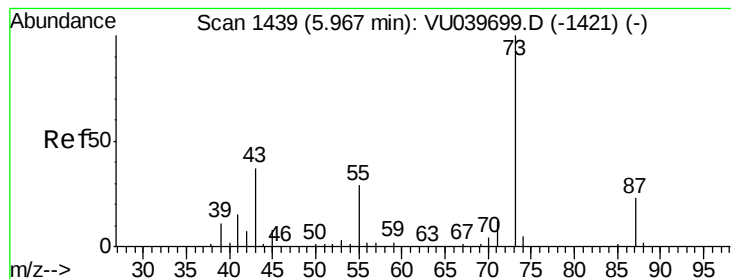
40000

20000

0

Time-->



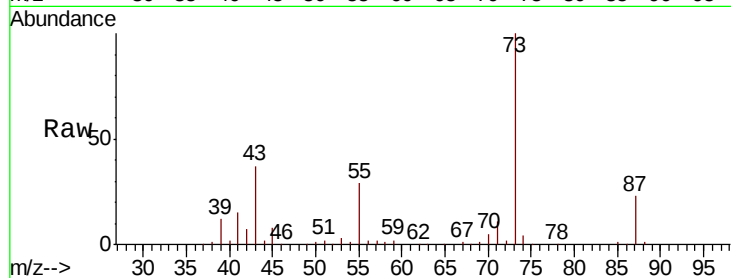


#33

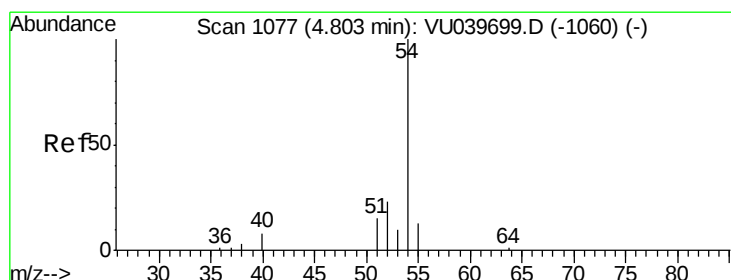
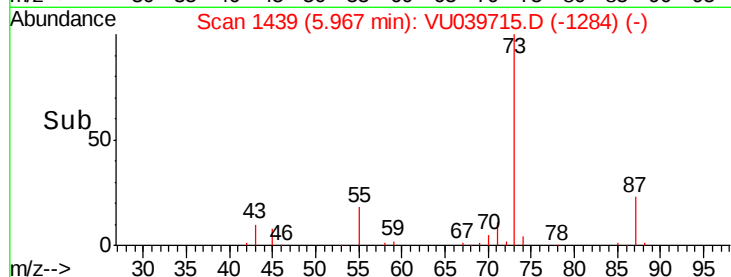
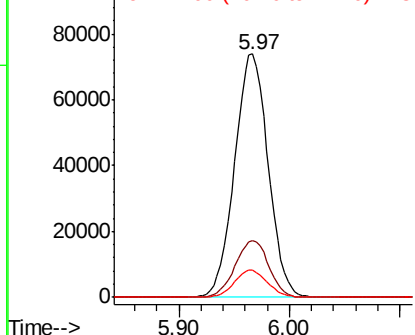
Tert-Butyl methyl ether
 Concen: 9.392 ug/l
 RT: 5.97 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 73 Resp: 155646
 Ion Ratio Lower Upper
 73 100
 87 23.3 18.7 28.1
 71 11.1 9.1 13.7



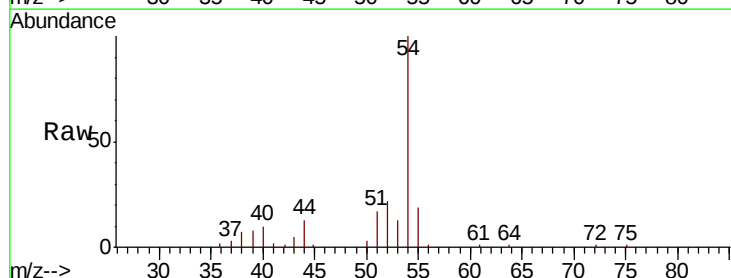
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



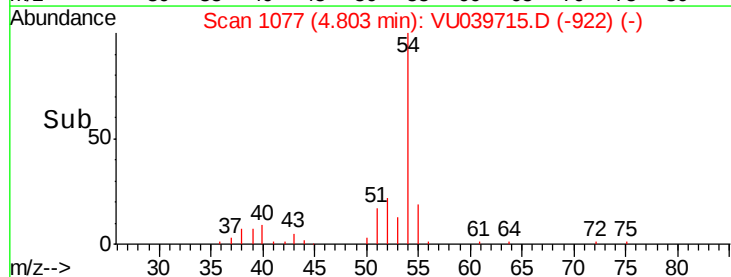
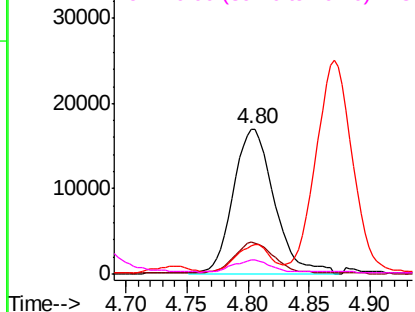
#34

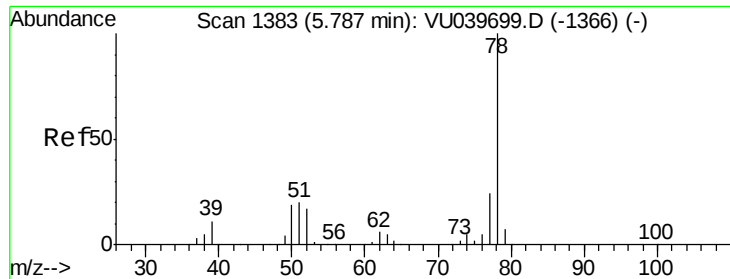
Propionitrile
 Concen: 48.815 ug/l
 RT: 4.80 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 54 Resp: 39673
 Ion Ratio Lower Upper
 54 100
 52 20.6 16.9 25.3
 55 15.8 12.9 19.3
 40 7.4 6.2 9.2



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





#35

Benzene

Concen: 9.025 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

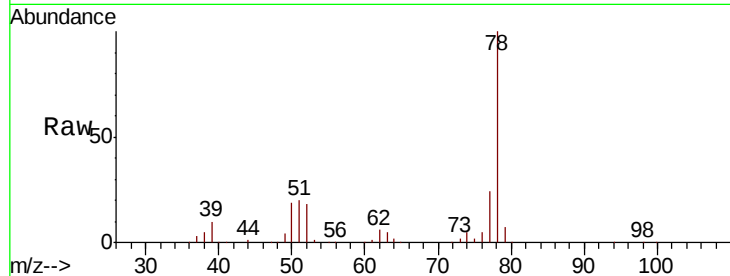
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 78 Resp: 241099

Ion Ratio Lower Upper

78 100

77 24.2 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039715.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU039715.D (-1228) (-)

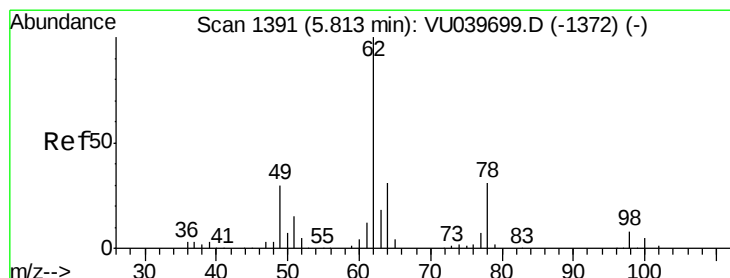
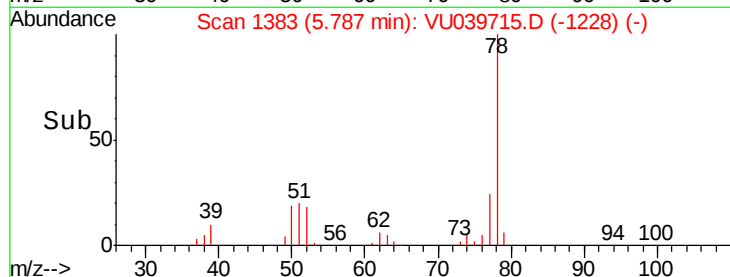
5.79

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.025 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039715.D

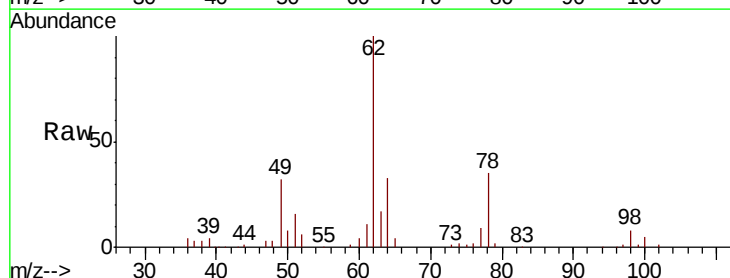
Acq: 29 Jul 2020 20:54

Tgt Ion: 62 Resp: 90375

Ion Ratio Lower Upper

62 100

98 7.9 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039715.D (-1236) (-)

Ion 98.00 (97.70 to 98.70): VU039715.D (-1236) (-)

5.81

50000

40000

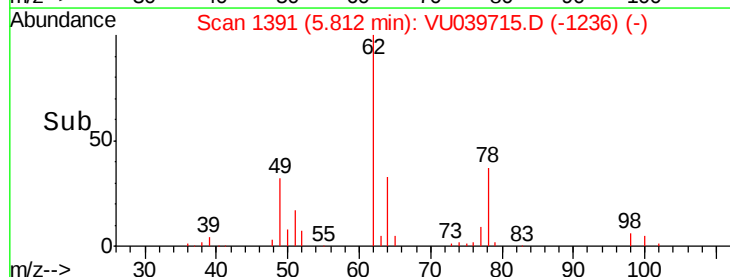
30000

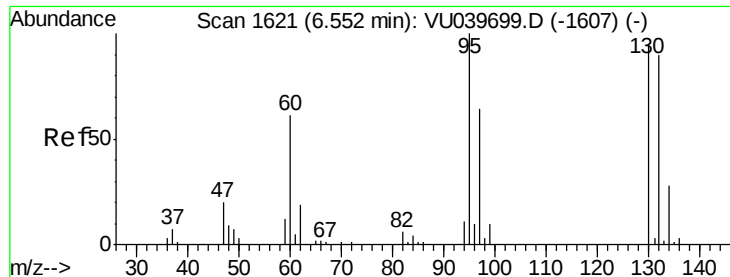
20000

10000

0

Time-->

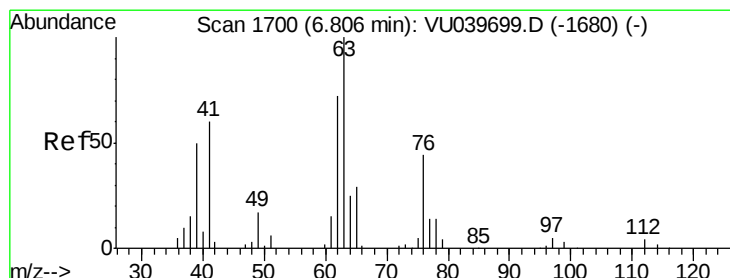
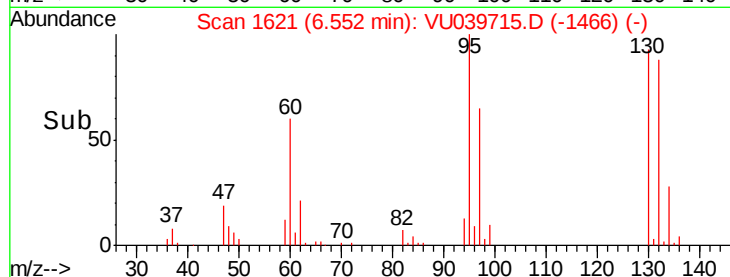
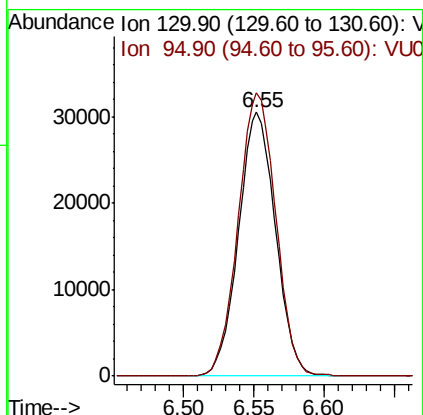
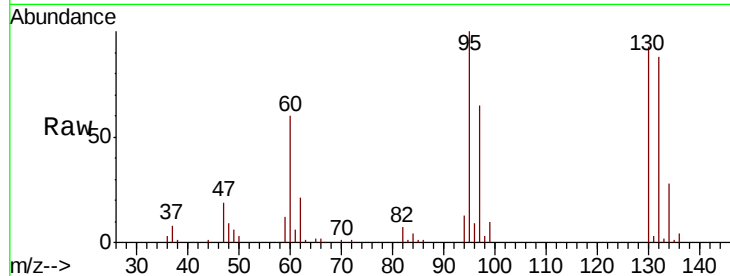




#37
 Trichloroethene
 Concen: 9.197 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

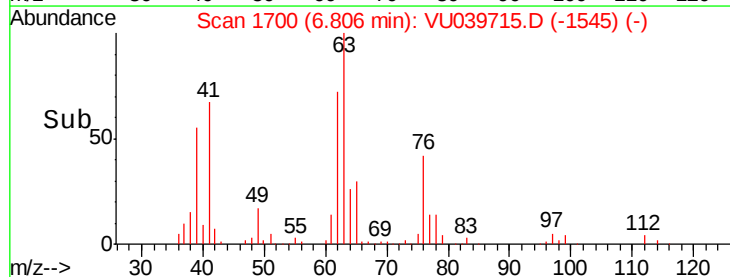
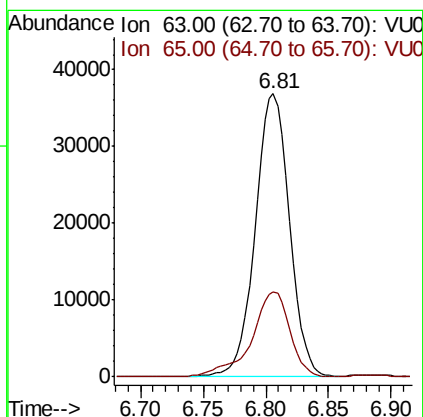
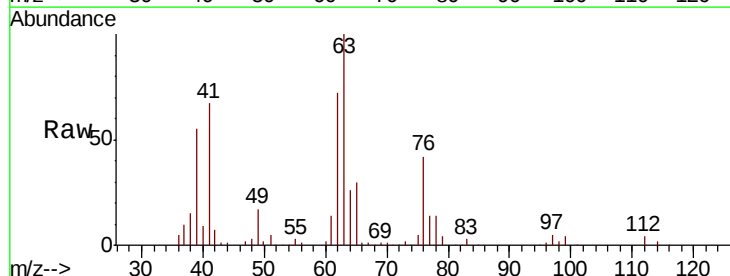
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

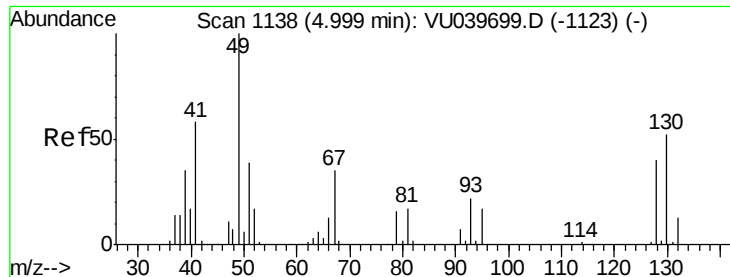
Tot Ion:130 Resp: 56214
 Ion Ratio Lower Upper
 130 100
 95 107.3 84.3 126.5



#38
 1,2-Dichloropropane
 Concen: 9.533 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 63 Resp: 70187
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.6

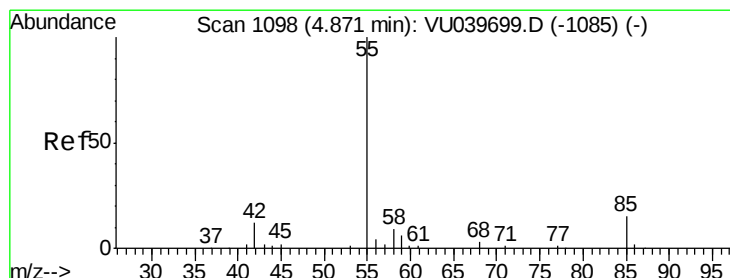
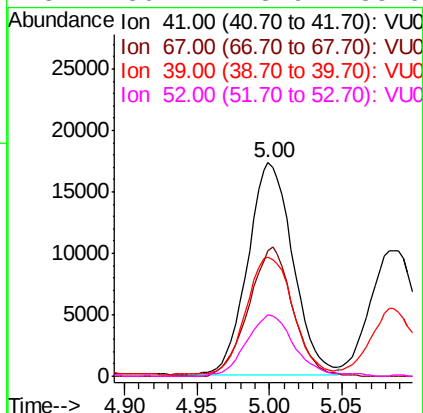
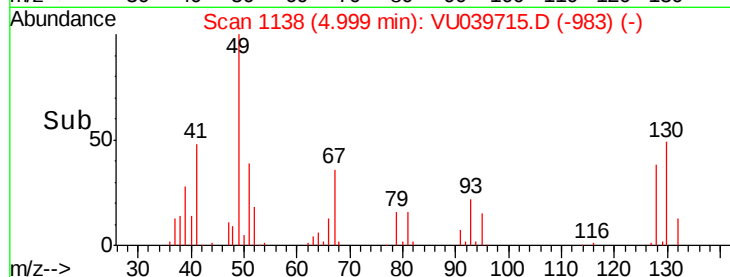
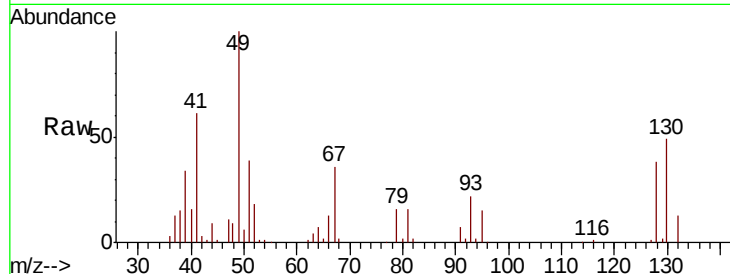




#39
Methacrylonitrile
Concen: 8.766 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

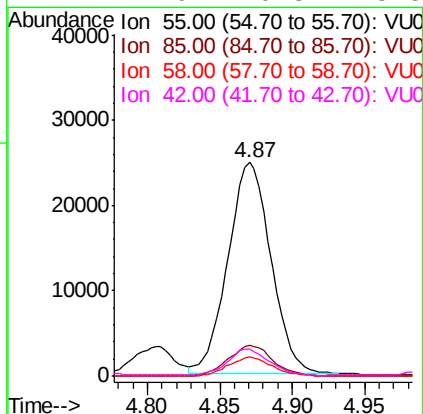
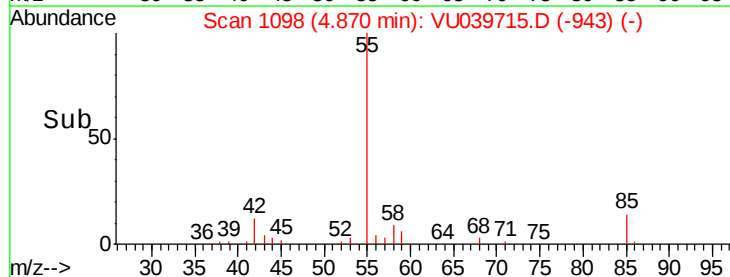
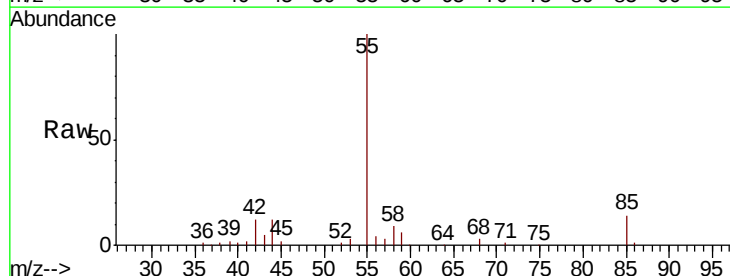
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

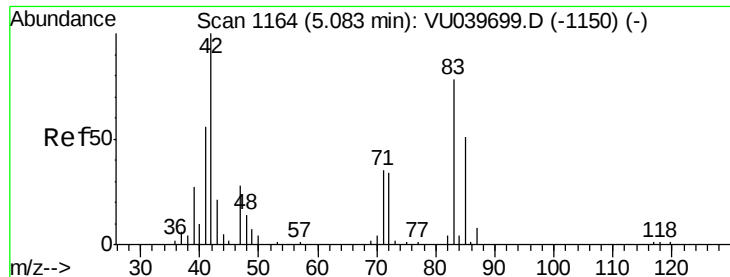
Tot Ion:	41	Resp:	37544
Ion	Ratio	Lower	Upper
41	100		
67	59.3	48.3	72.5
39	56.4	47.6	71.4
52	30.2	23.9	35.9



#40
Methyl acrylate
Concen: 9.251 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion:	55	Resp:	51094
Ion	Ratio	Lower	Upper
55	100		
85	14.7	11.4	17.0
58	8.9	7.4	11.0
42	12.9	10.3	15.5





#41

Tetrahydrofuran

Concen: 17.871 ug/l

RT: 5.09 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

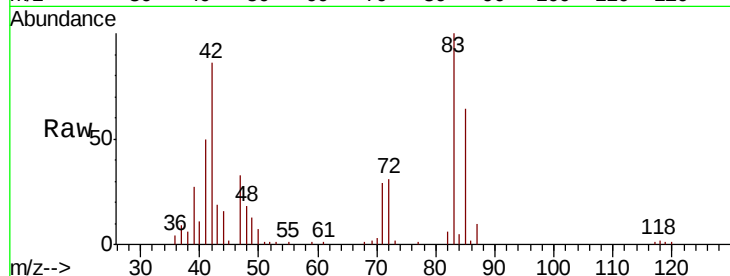
Tot Ion: 42 Resp: 38511

Ion Ratio Lower Upper

42 100

72 36.5 31.0 46.6

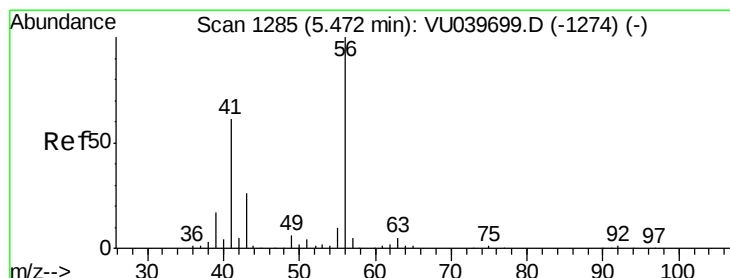
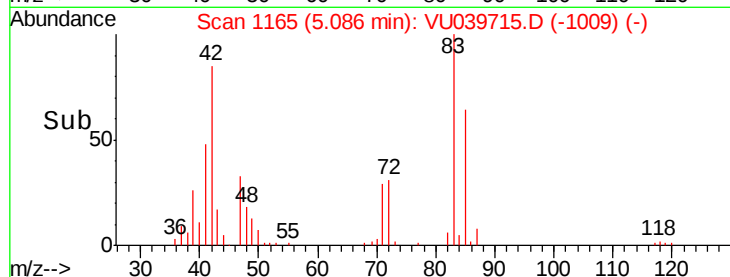
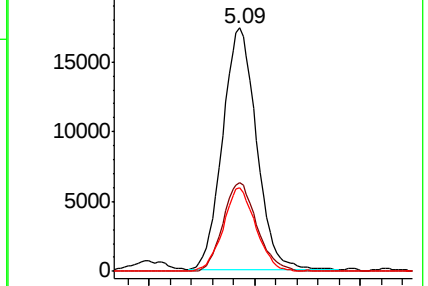
71 33.2 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU039715.D (-1150) (-)

Ion 72.00 (71.70 to 72.70): VU039715.D (-1150) (-)

Ion 71.00 (70.70 to 71.70): VU039715.D (-1150) (-)



#42

1-Chlorobutane

Concen: 9.470 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039715.D

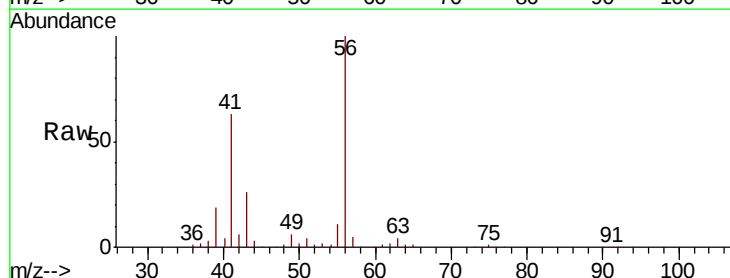
Acq: 29 Jul 2020 20:54

Tgt Ion: 56 Resp: 160508

Ion Ratio Lower Upper

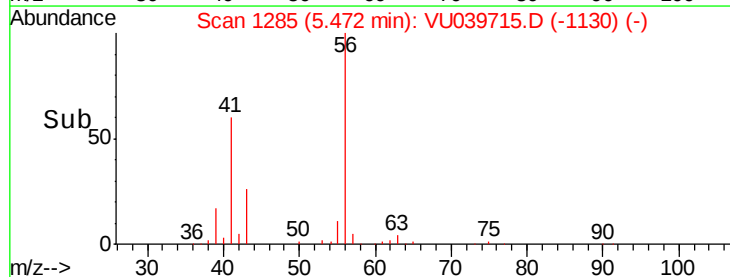
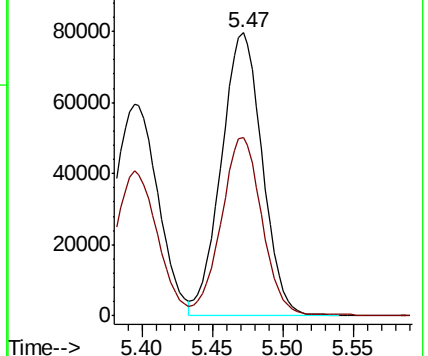
56 100

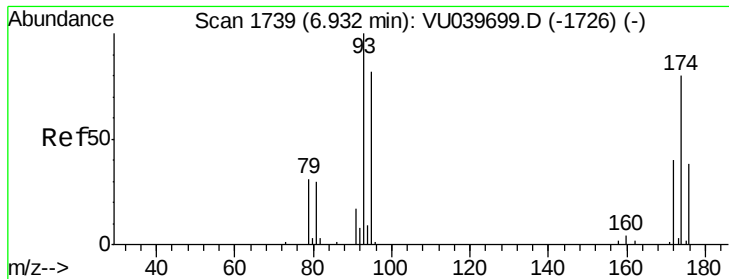
41 61.7 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039715.D (-1130) (-)

Ion 41.00 (40.70 to 41.70): VU039715.D (-1130) (-)





#43

Dibromomethane

Concen: 9.440 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

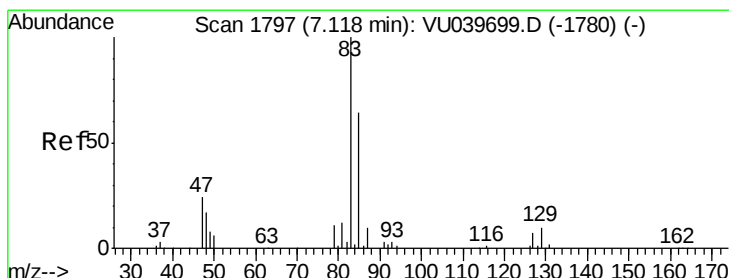
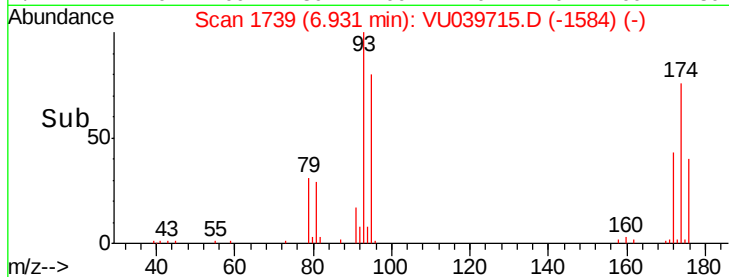
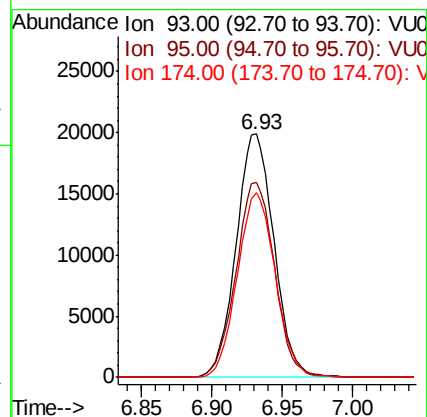
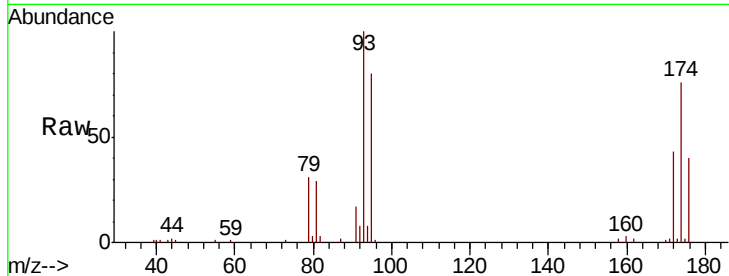
Tot Ion: 93 Resp: 37400

Ion Ratio Lower Upper

93 100

95 81.5 66.6 99.8

174 76.0 62.7 94.1



#44

Bromodichloromethane

Concen: 9.431 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

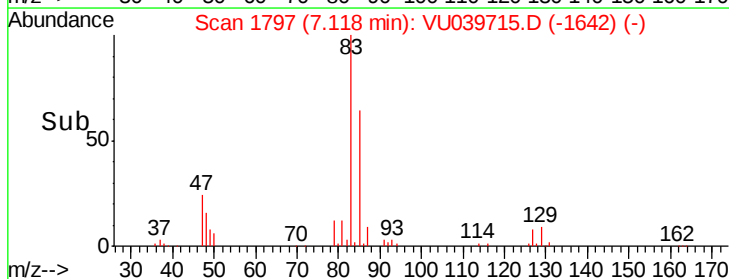
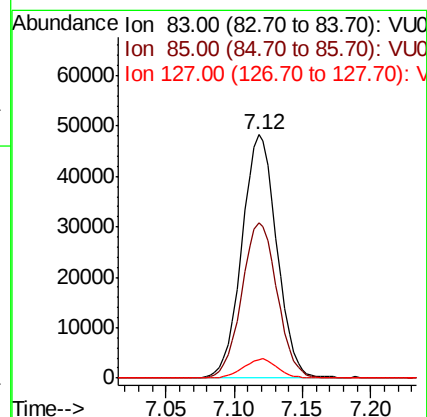
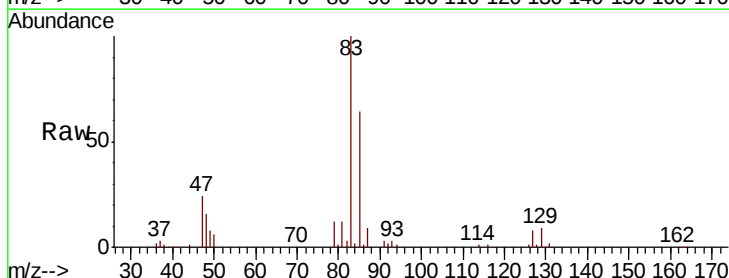
Tgt Ion: 83 Resp: 85675

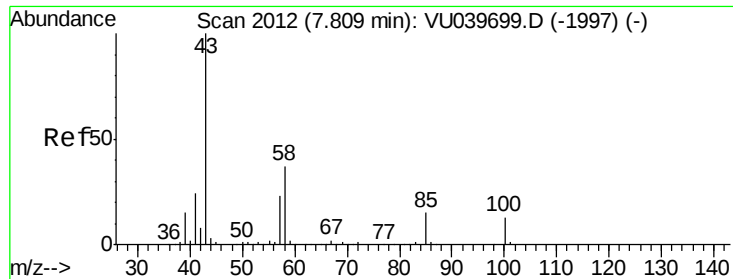
Ion Ratio Lower Upper

83 100

85 64.0 50.8 76.2

127 7.7 5.8 8.6

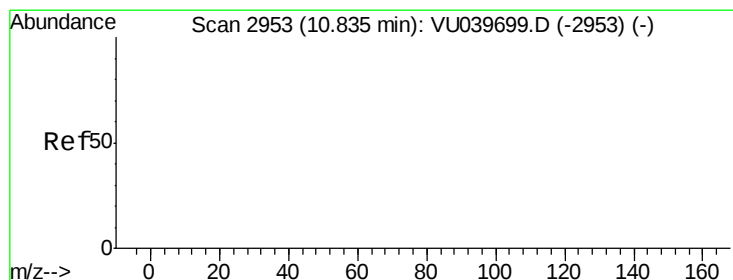
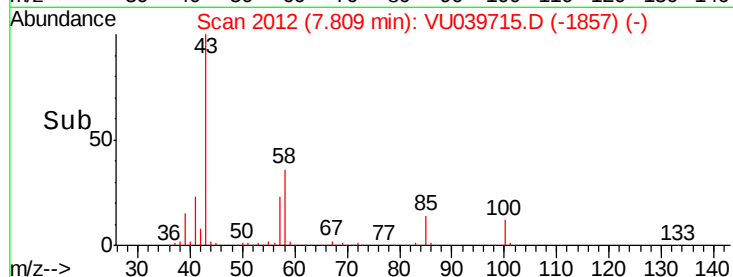
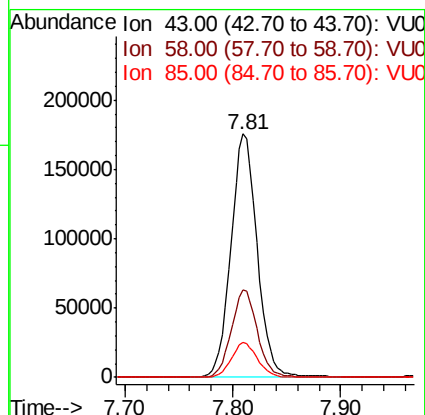
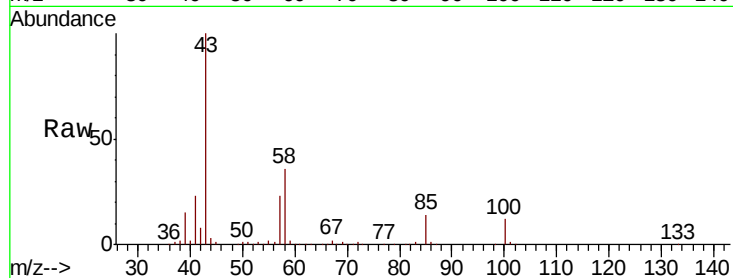




#45
4-Methyl-2-Pentanone
Concen: 49.602 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

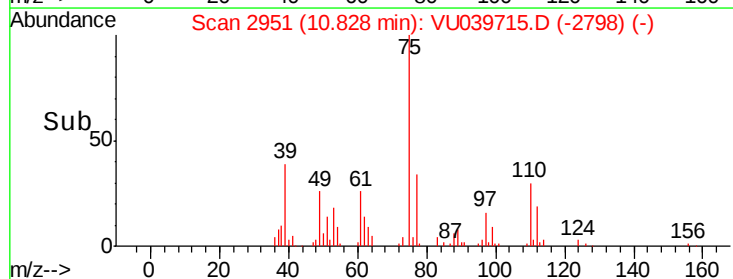
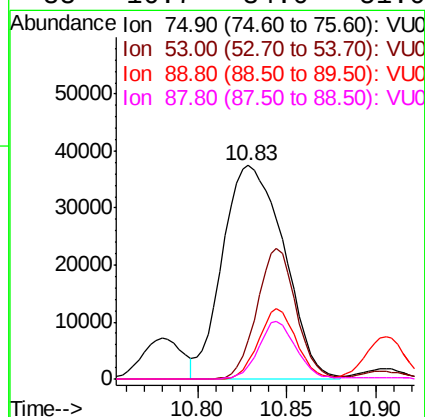
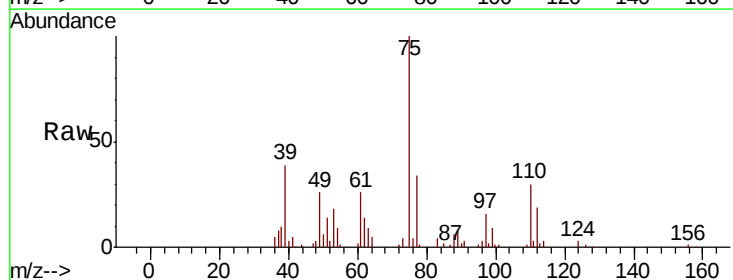
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

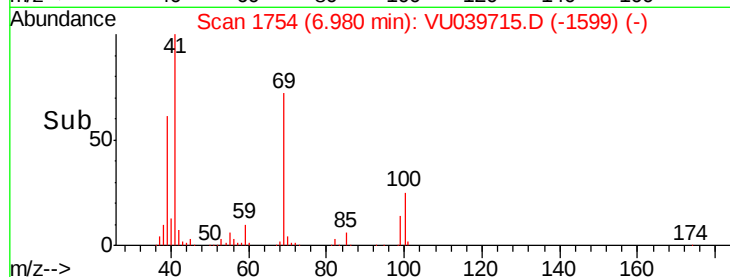
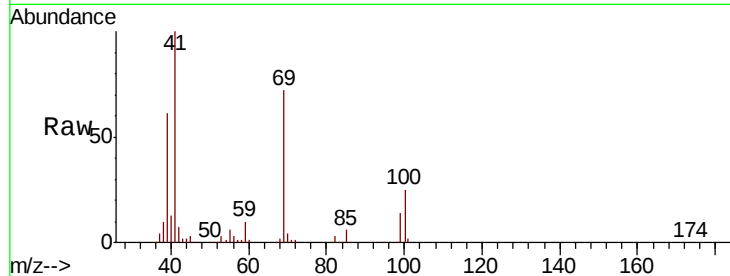
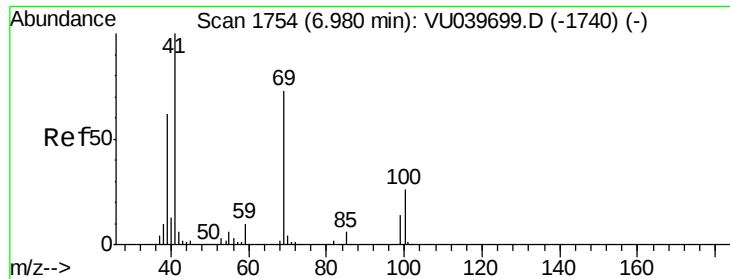
Tot Ion: 43 Resp: 297700
Ion Ratio Lower Upper
43 100
58 35.8 18.4 55.0
85 14.3 11.8 17.6



#46
t-1,4-Dichloro-2-butene
Concen: 50.311 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.01 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion: 75 Resp: 89811
Ion Ratio Lower Upper
75 100
53 39.4 78.6 118.0#
89 20.4 40.3 60.5#
88 16.7 34.0 51.0#

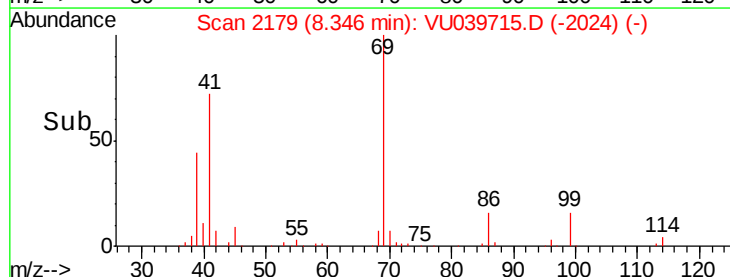
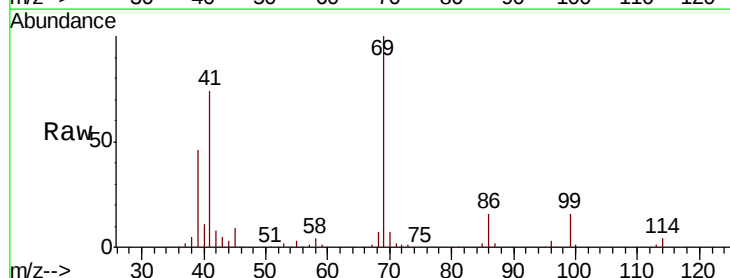
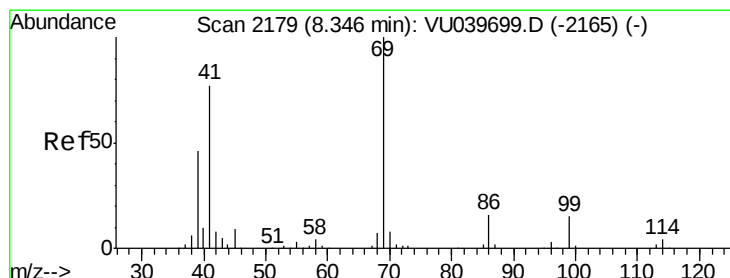
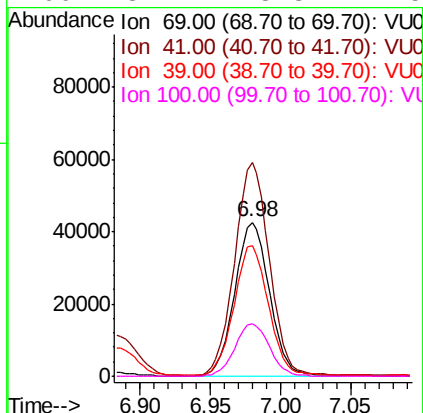




#47
Methyl methacrylate
Concen: 19.986 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

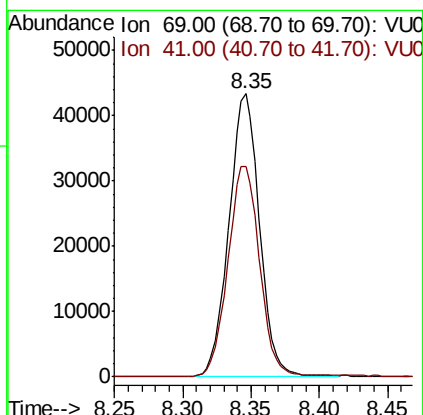
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

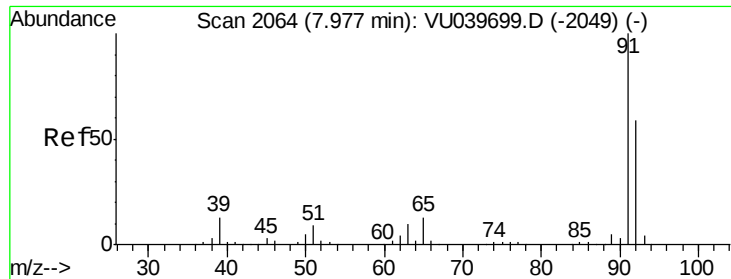
Tot Ion: 69 Resp: 73856
Ion Ratio Lower Upper
69 100
41 138.0 0.0 271.6
39 83.2 67.4 101.2
100 34.1 28.3 42.5



#48
Ethyl methacrylate
Concen: 9.944 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion: 69 Resp: 67633
Ion Ratio Lower Upper
69 100
41 77.3 39.1 117.5





#49

Toluene

Concen: 9.633 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

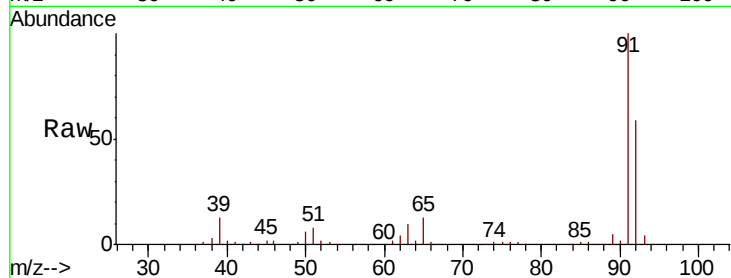
VSTDCCC010EC

Tot Ion: 92 Resp: 153176

Ion Ratio Lower Upper

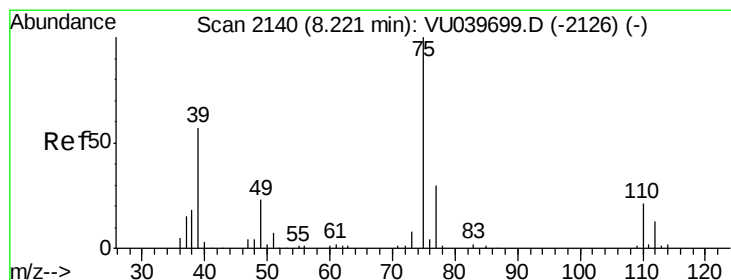
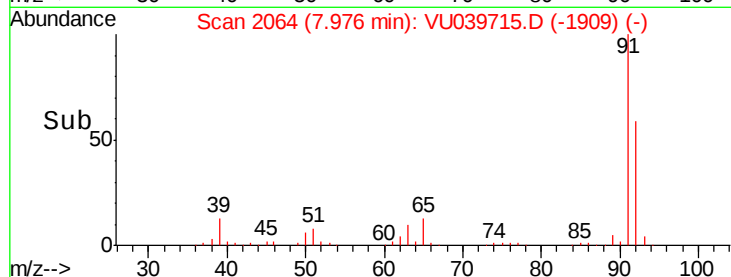
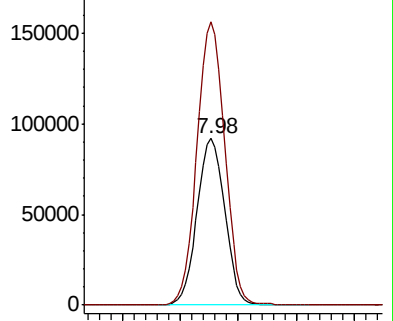
92 100

91 169.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039715.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU039715.D (-1909) (-)



#50

t-1,3-Dichloropropene

Concen: 9.938 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039715.D

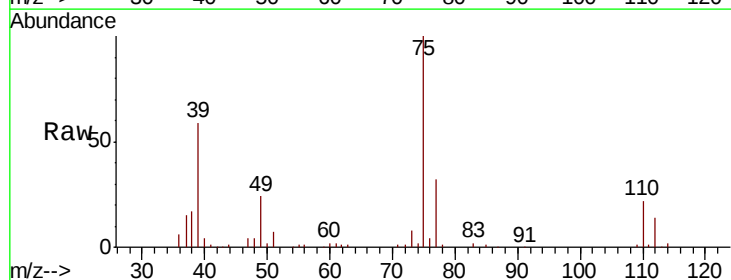
Acq: 29 Jul 2020 20:54

Tgt Ion: 75 Resp: 81309

Ion Ratio Lower Upper

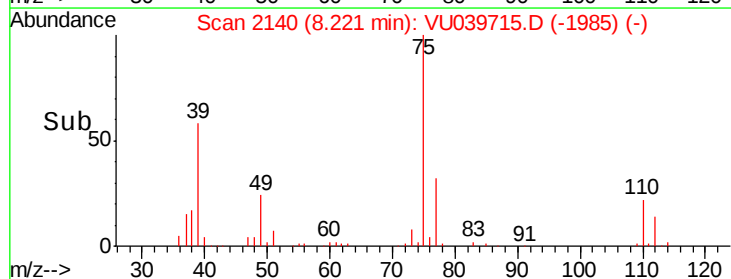
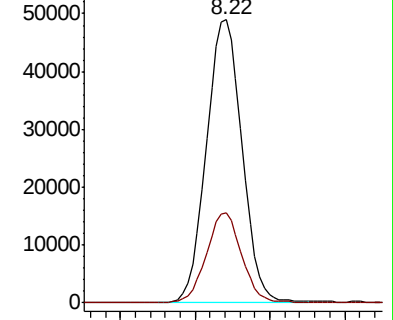
75 100

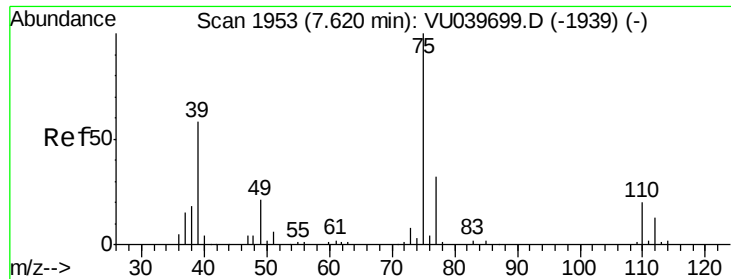
77 31.7 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039715.D (-1985) (-)

Ion 77.00 (76.70 to 77.70): VU039715.D (-1985) (-)

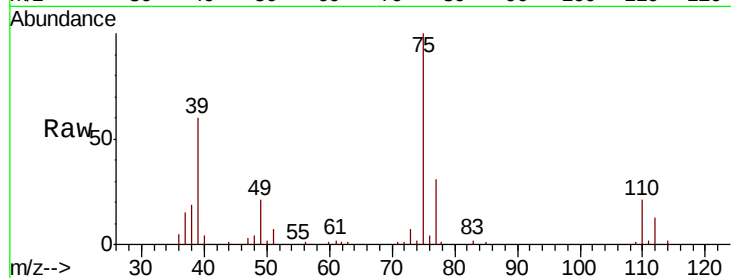




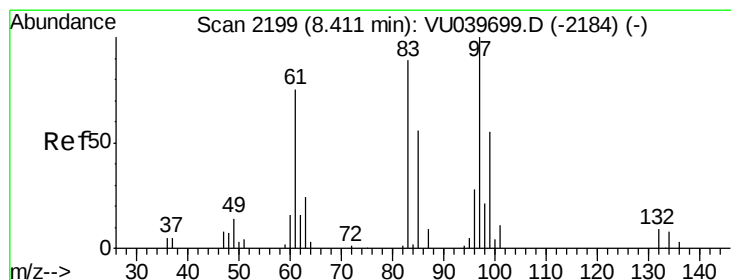
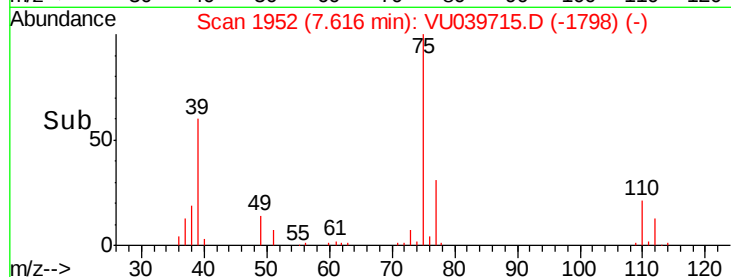
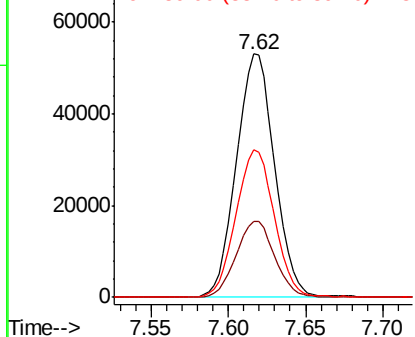
#51
 cis-1,3-Dichloropropene
 Concen: 9.473 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 75 Resp: 91098
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 60.2 46.1 69.1

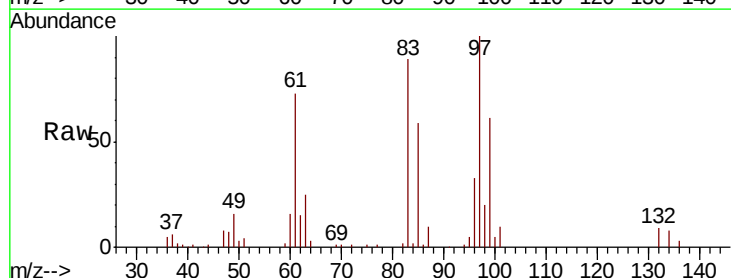


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

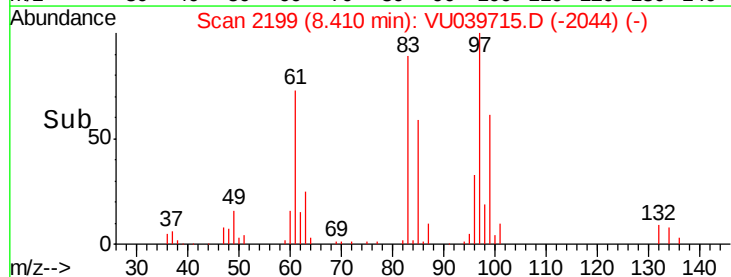
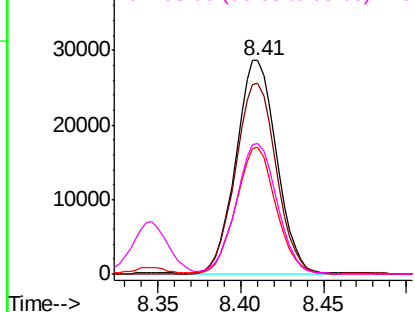


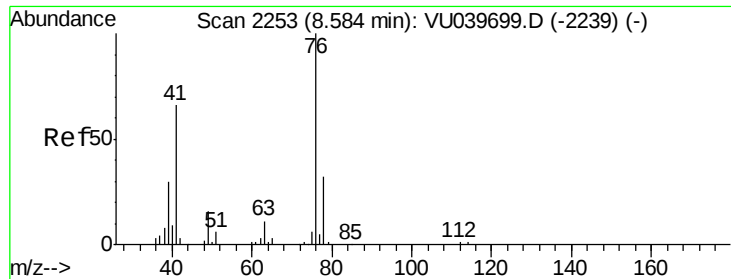
#52
 1,1,2-Trichloroethane
 Concen: 9.511 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 97 Resp: 48959
 Ion Ratio Lower Upper
 97 100
 83 89.1 71.3 106.9
 85 59.5 45.4 68.2
 99 61.4 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: 9.347 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

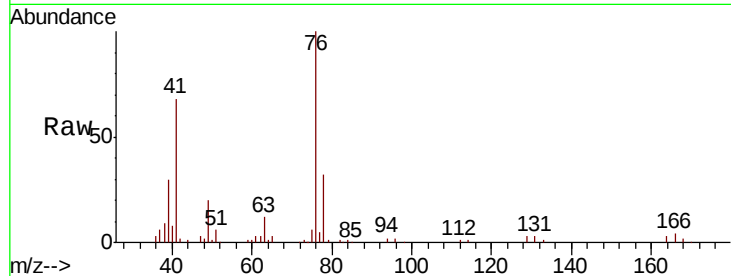
VSTDCCC010EC

Tot Ion: 76 Resp: 92383

Ion Ratio Lower Upper

76 100

78 32.5 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU039715.D (-2098) (-)

Ion 78.00 (77.70 to 78.70): VU039715.D (-2098) (-)

8.58

60000

50000

40000

30000

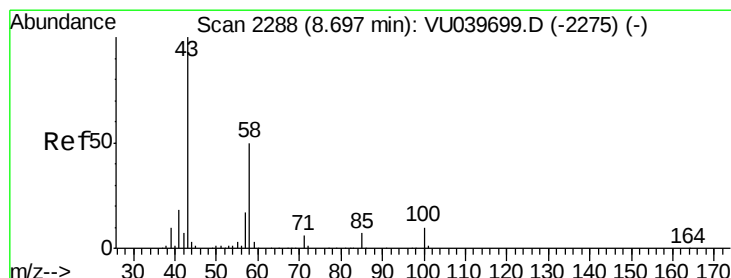
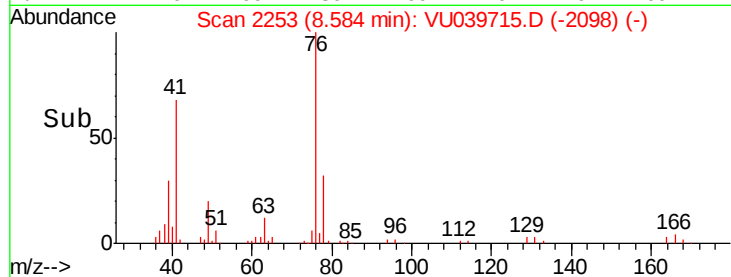
20000

10000

0

8.50 8.55 8.60 8.65

Time-->



#54

2-Hexanone

Concen: 49.695 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

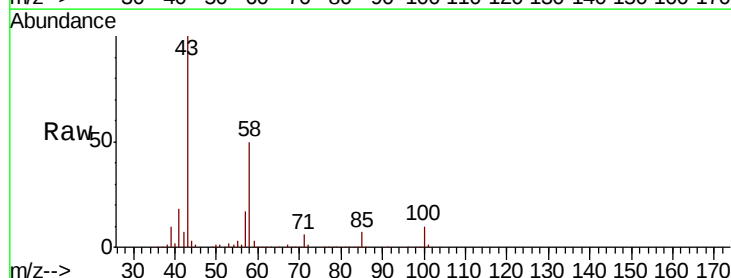
Tgt Ion: 43 Resp: 213548

Ion Ratio Lower Upper

43 100

58 49.1 29.9 69.9

57 17.1 0.0 37.2



Abundance Ion 43.00 (42.70 to 43.70): VU039715.D (-2133) (-)

Ion 58.00 (57.70 to 58.70): VU039715.D (-2133) (-)

Ion 57.00 (56.70 to 57.70): VU039715.D (-2133) (-)

8.70

150000

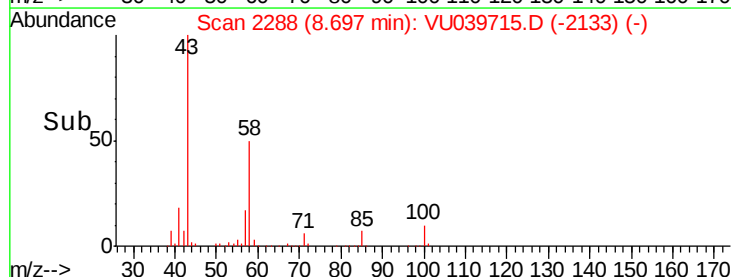
100000

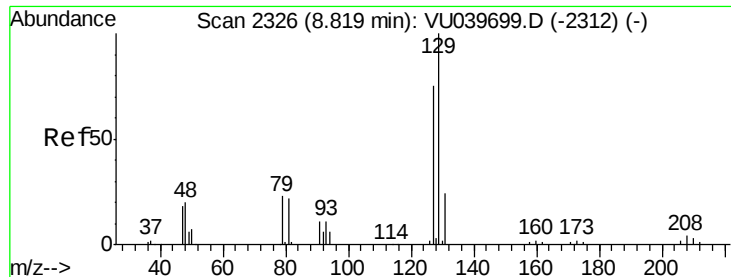
50000

0

8.60 8.70 8.80

Time-->

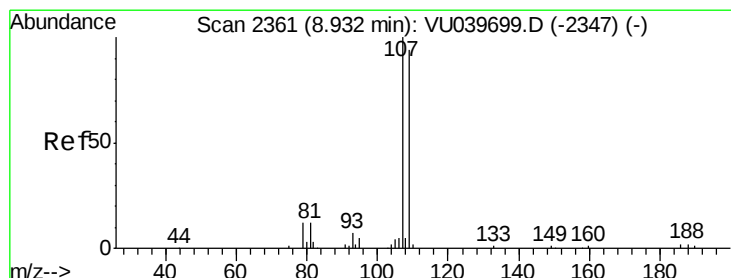
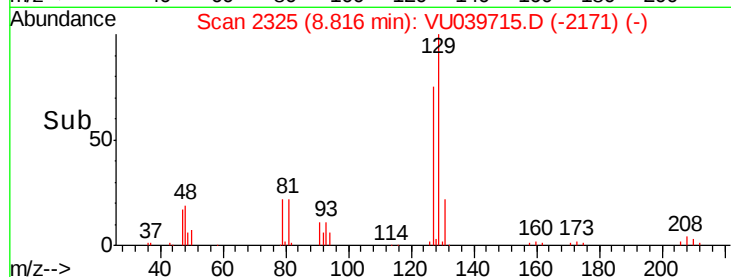
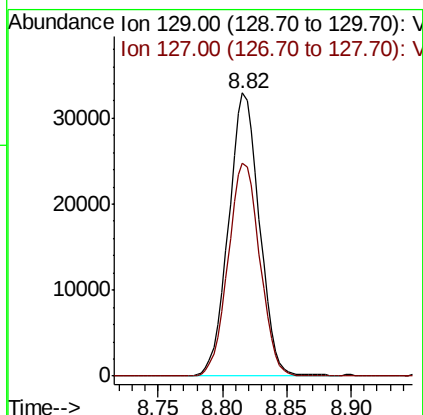
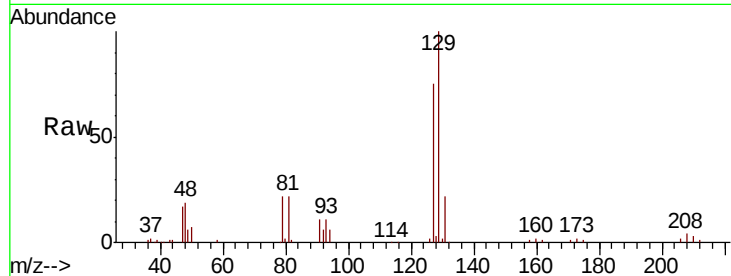




#55
Dibromochloromethane
Concen: 9.923 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

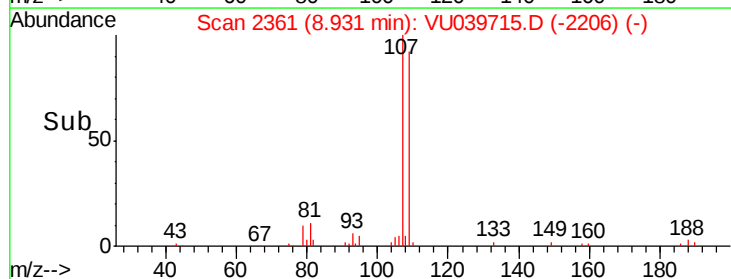
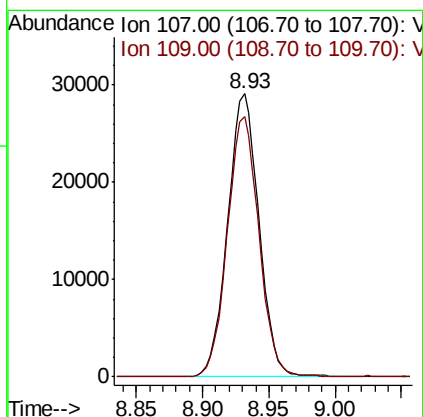
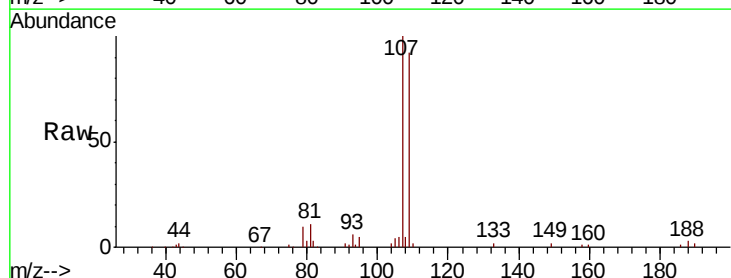
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

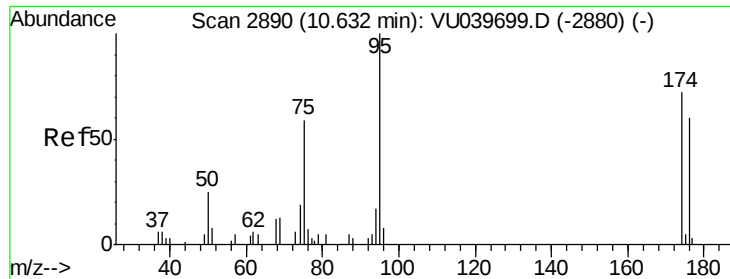
Tot Ion:129 Resp: 54849
Ion Ratio Lower Upper
129 100
127 76.9 62.4 93.6



#56
1,2-Dibromoethane
Concen: 9.623 ug/l
RT: 8.93 min Scan# 2361
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion:107 Resp: 47733
Ion Ratio Lower Upper
107 100
109 92.9 0.0 185.2

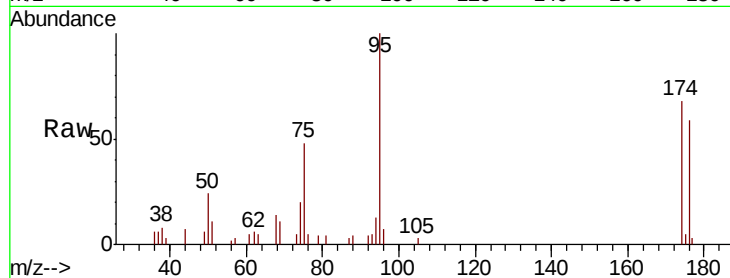




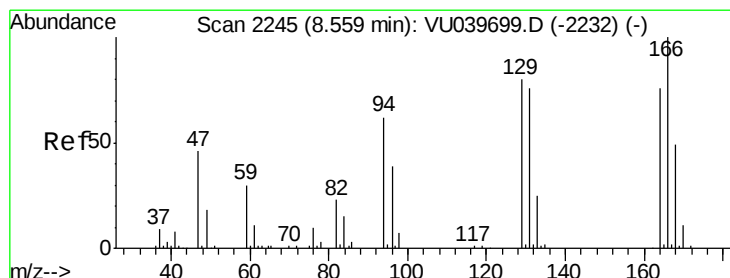
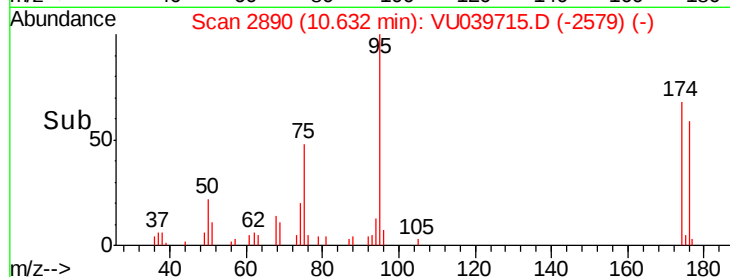
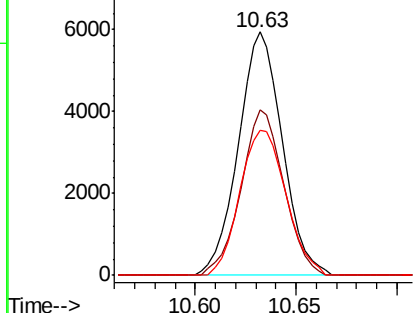
#57
 4-Bromofluorobenzene
 Concen: 1.088 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 95 Resp: 9076
 Ion Ratio Lower Upper
 95 100
 174 66.0 57.0 85.4
 176 62.3 50.2 75.2

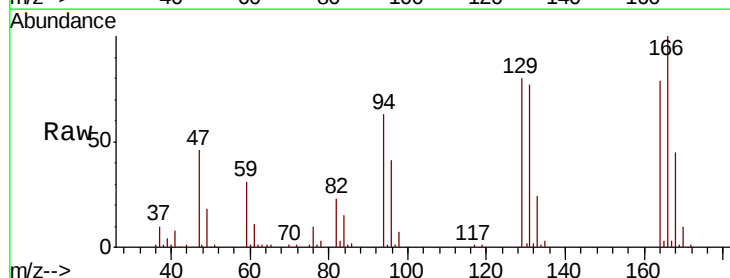


Abundance Ion 95.00 (94.70 to 95.70): VU039715.D (-2090) (-)
 Ion 174.00 (173.70 to 174.70): VU039715.D (-2090) (-)
 Ion 176.00 (175.70 to 176.70): VU039715.D (-2090) (-)

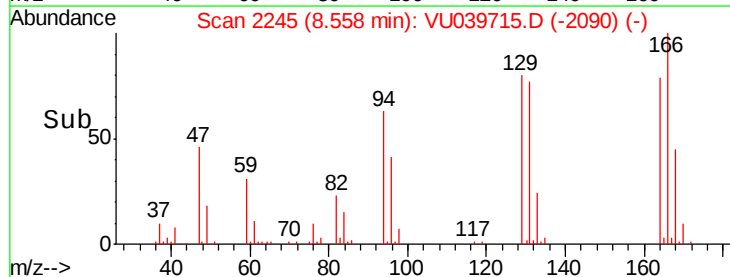
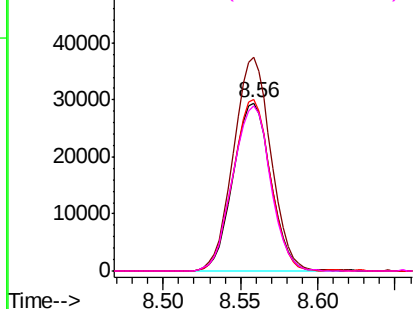


#58
 Tetrachloroethene
 Concen: 9.305 ug/l
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 164 Resp: 49785
 Ion Ratio Lower Upper
 164 100
 166 127.3 104.8 157.2
 129 102.0 84.1 126.1
 131 98.3 80.1 120.1



Abundance Ion 163.85 (163.55 to 164.55): VU039715.D (-2090) (-)
 Ion 165.80 (165.50 to 166.50): VU039715.D (-2090) (-)
 Ion 128.90 (128.60 to 129.60): VU039715.D (-2090) (-)
 Ion 130.90 (130.60 to 131.60): VU039715.D (-2090) (-)





#59

Chlorobenzene

Concen: 9.582 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

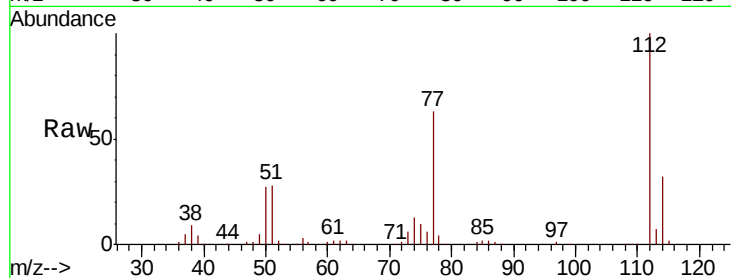
VSTDCCC010EC

Tot Ion:112 Resp: 157554

Ion Ratio Lower Upper

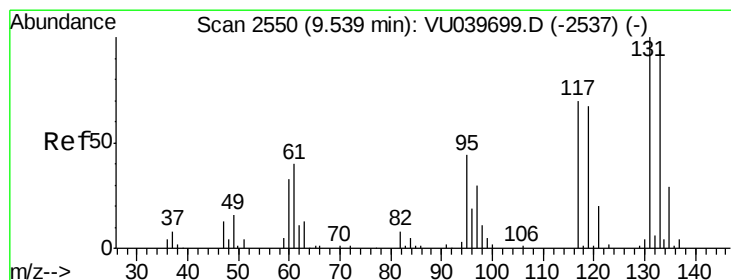
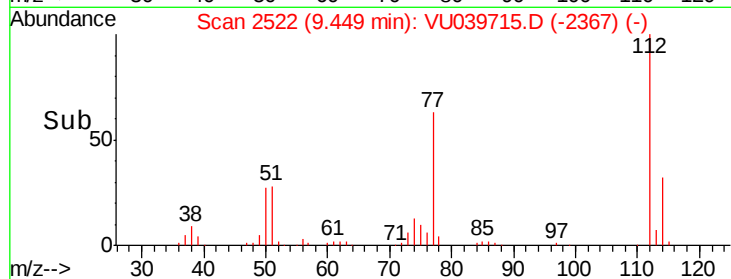
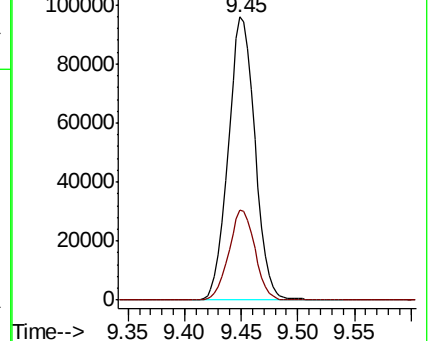
112 100

114 31.8 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 9.660 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

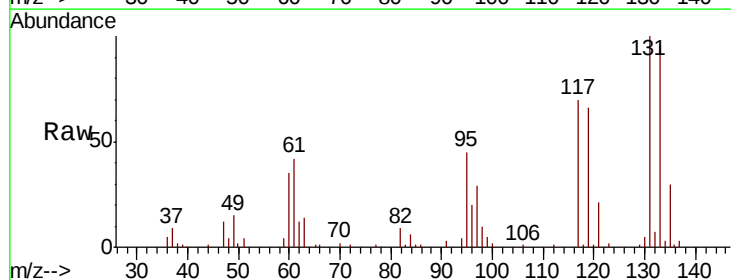
Tgt Ion:131 Resp: 53558

Ion Ratio Lower Upper

131 100

133 95.3 75.8 113.8

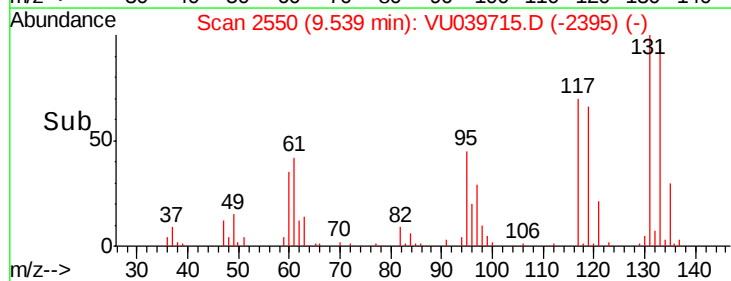
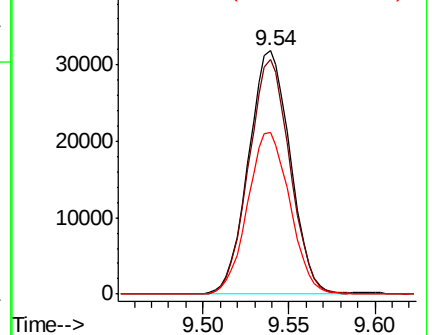
119 67.2 54.6 81.8

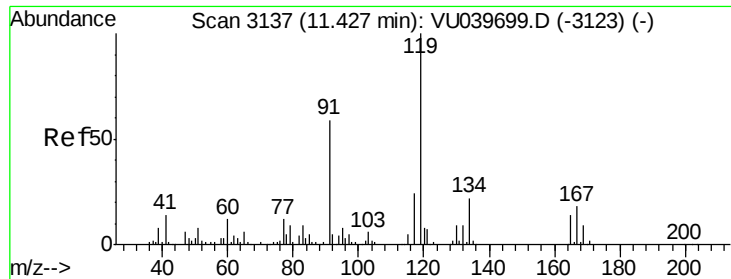


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

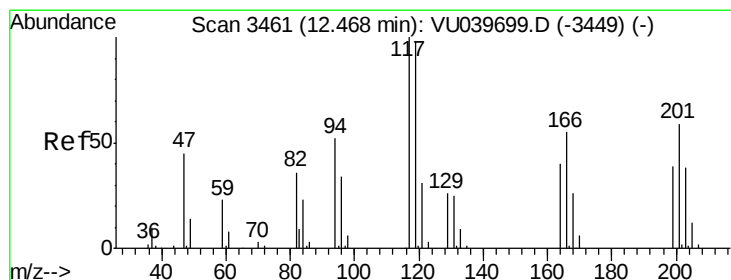
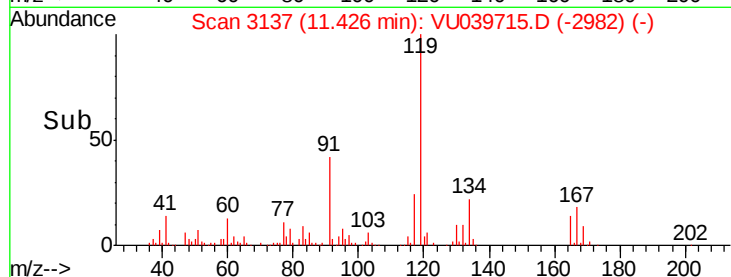
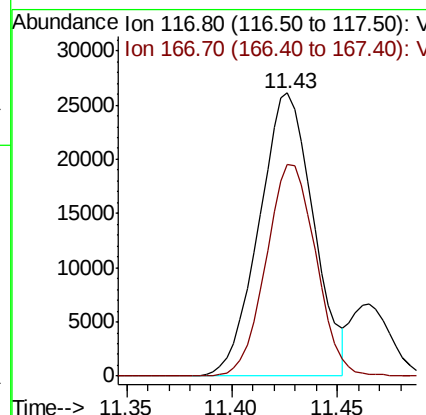
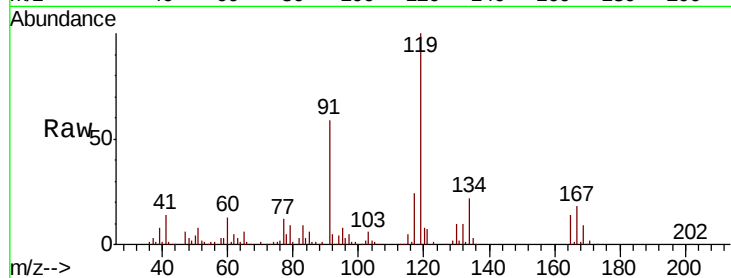




#61
 Pentachloroethane
 Concen: 9.601 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

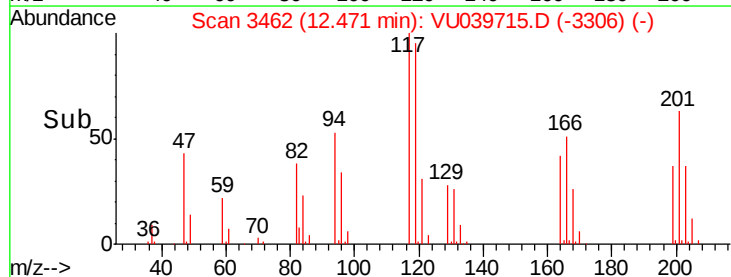
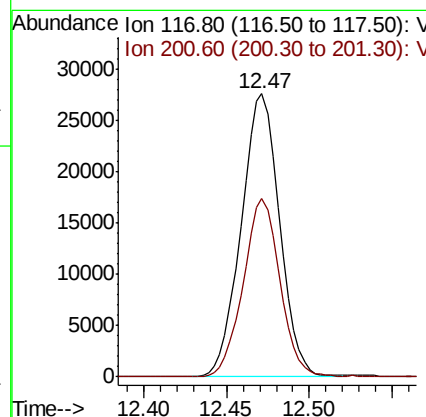
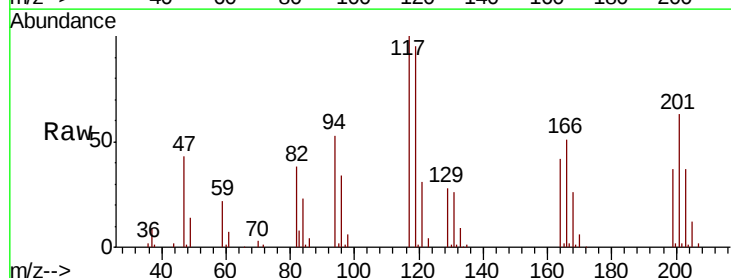
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

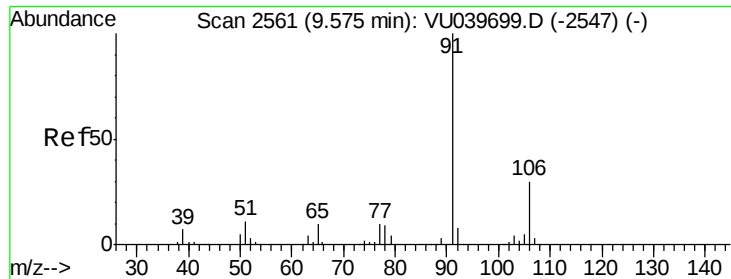
Tot Ion:117 Resp: 46767
 Ion Ratio Lower Upper
 117 100
 167 68.6 56.6 85.0



#62
 Hexachloroethane
 Concen: 9.981 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion:117 Resp: 44562
 Ion Ratio Lower Upper
 117 100
 201 60.3 48.1 72.1

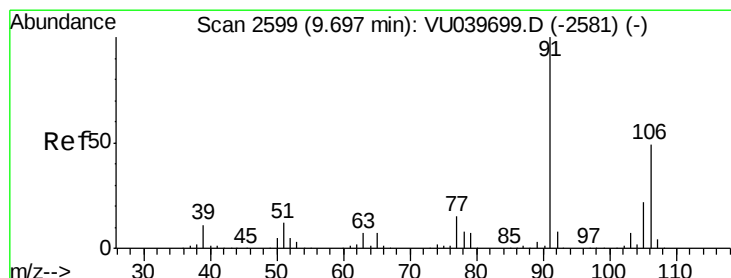
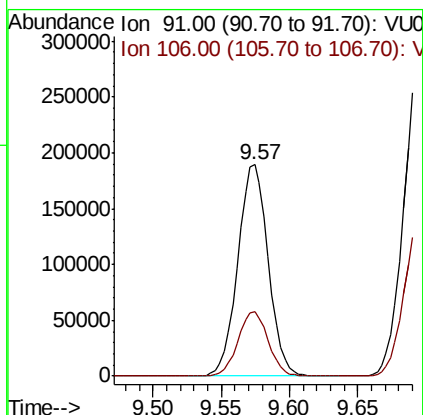
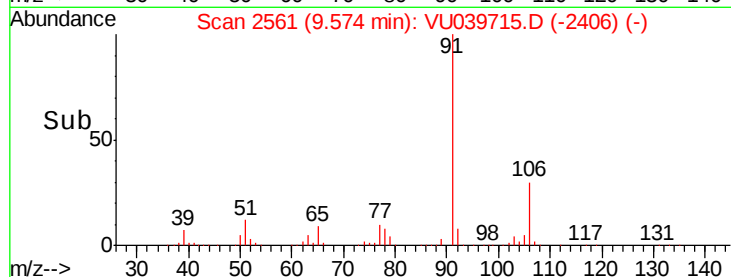
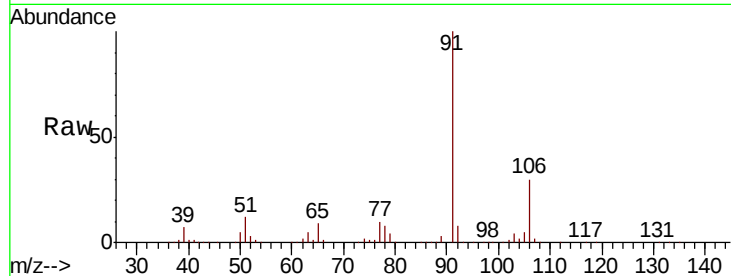




#63
Ethyl Benzene
Concen: 9.939 ug/l
RT: 9.57 min Scan# 2561
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

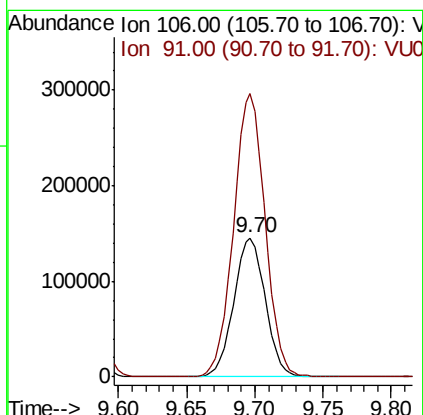
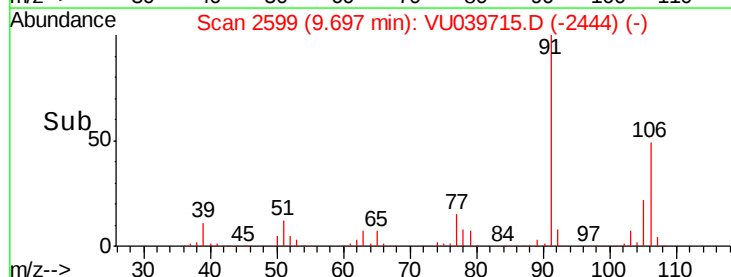
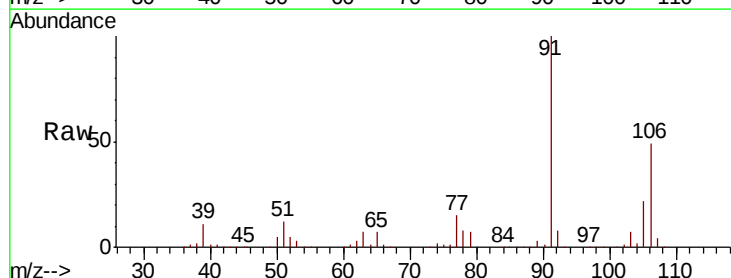
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

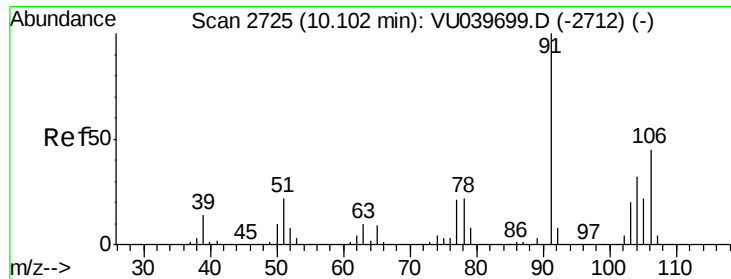
Tot Ion: 91 Resp: 292893
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#64
m/p-Xylenes
Concen: 20.163 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion: 106 Resp: 232130
Ion Ratio Lower Upper
106 100
91 204.0 163.9 245.9

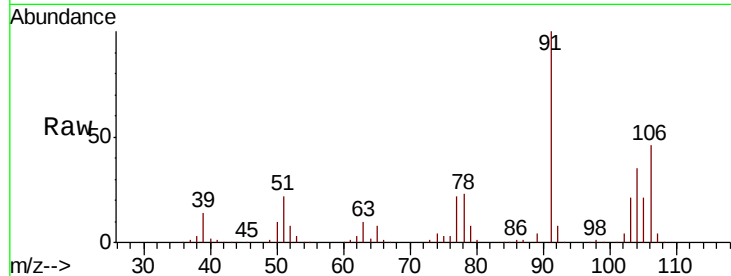




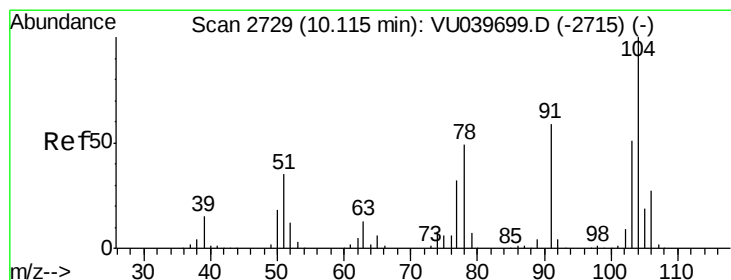
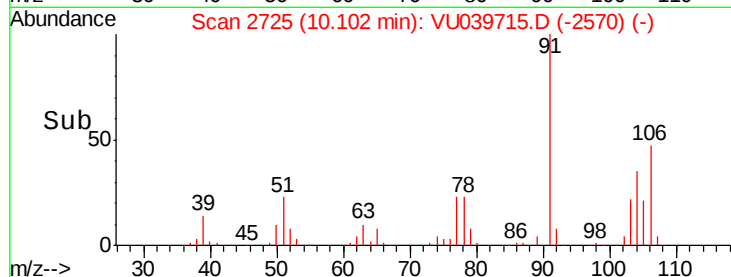
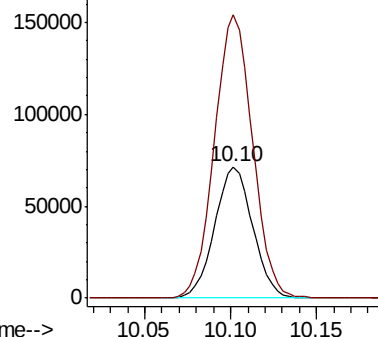
#65
o-Xylene
Concen: 10.049 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:106 Resp: 109845
Ion Ratio Lower Upper
106 100
91 216.7 110.3 331.0

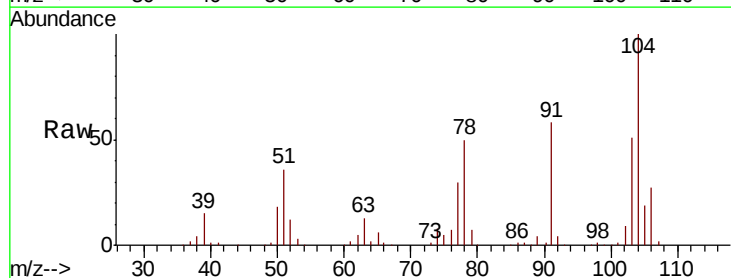


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

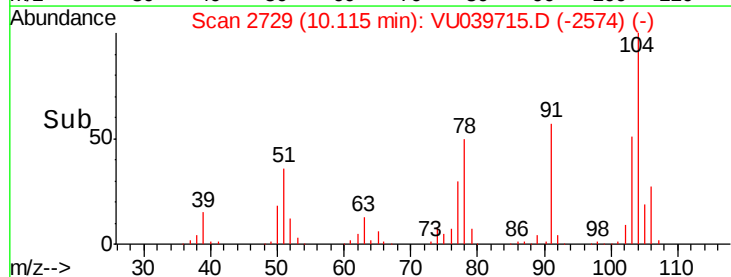
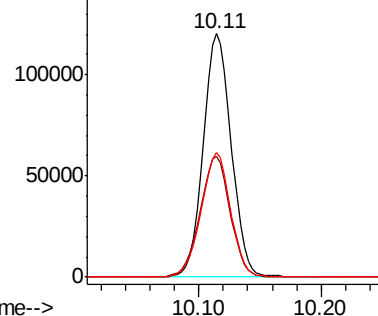


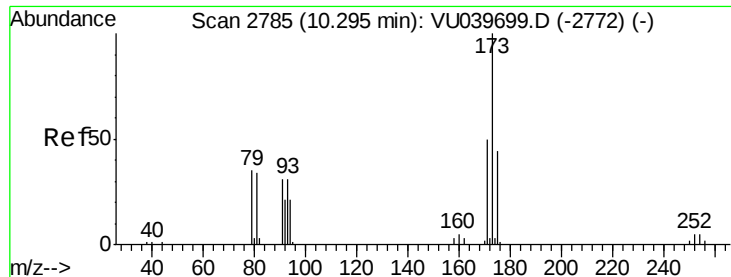
#66
Styrene
Concen: 10.289 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion:104 Resp: 192733
Ion Ratio Lower Upper
104 100
78 53.3 42.2 63.4
103 53.7 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: 10.118 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

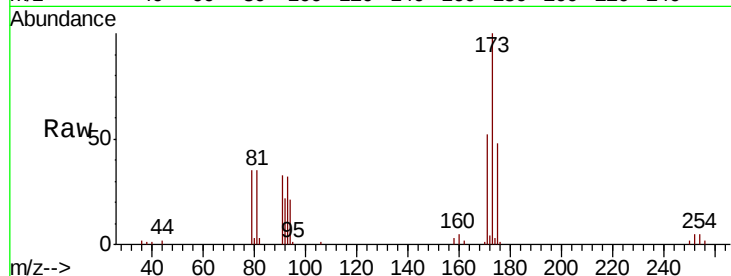
Tot Ion:173 Resp: 28531

Ion Ratio Lower Upper

173 100

175 47.6 36.7 55.1

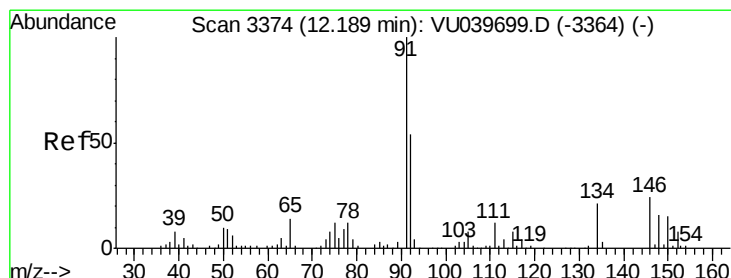
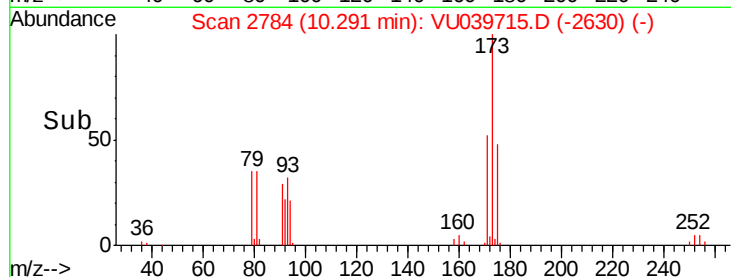
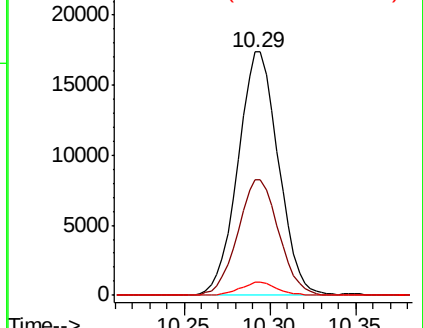
254 4.8 3.8 5.8



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: 1.026 ug/l

RT: 12.19 min Scan# 3373

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

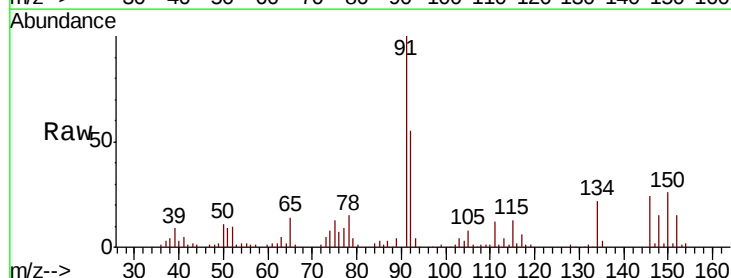
Tgt Ion:152 Resp: 8377

Ion Ratio Lower Upper

152 100

115 153.1 0.0 302.4

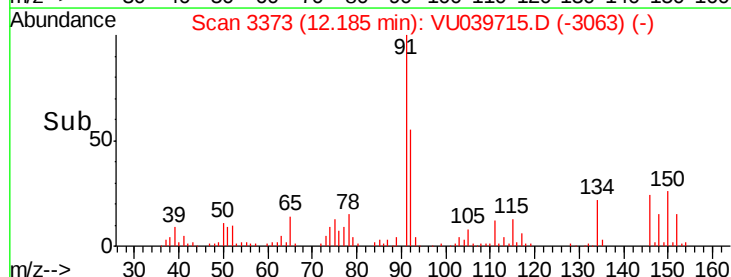
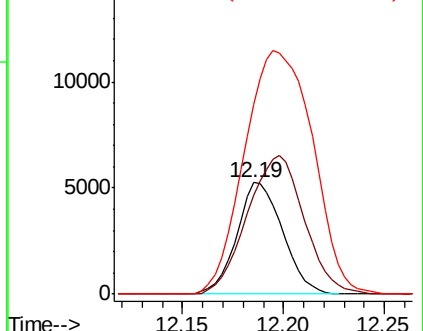
150 322.6 0.0 645.8

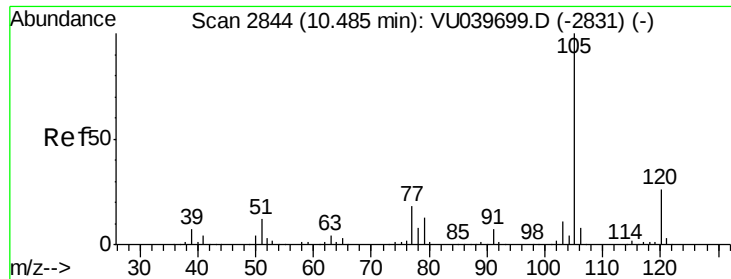


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 9.972 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

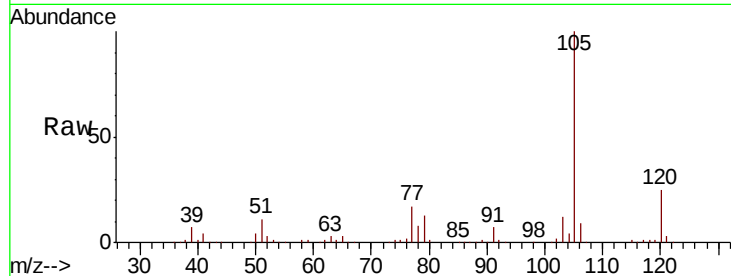
VSTDCCC010EC

Tot Ion:105 Resp: 291151

Ion Ratio Lower Upper

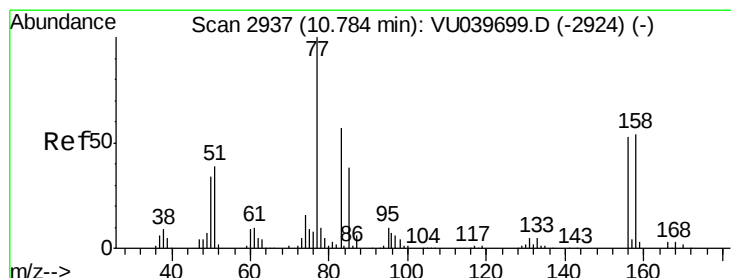
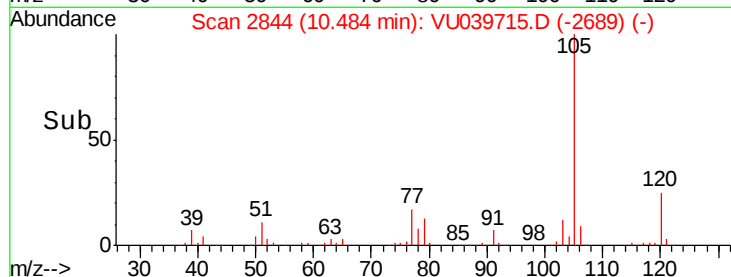
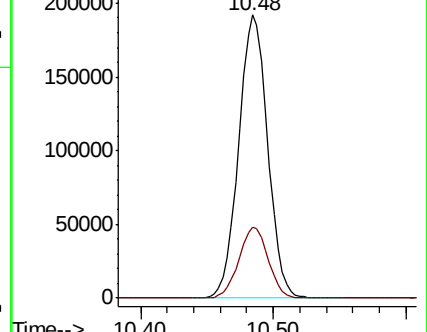
105 100

120 25.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 9.870 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

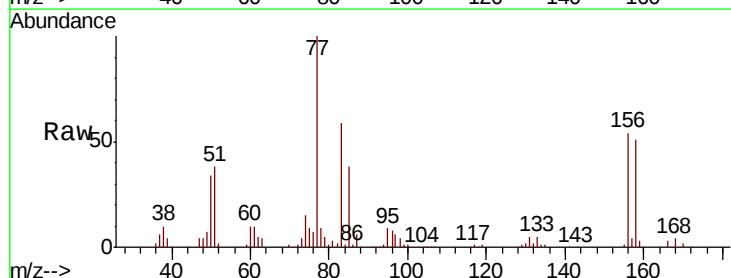
Tgt Ion: 83 Resp: 73136

Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

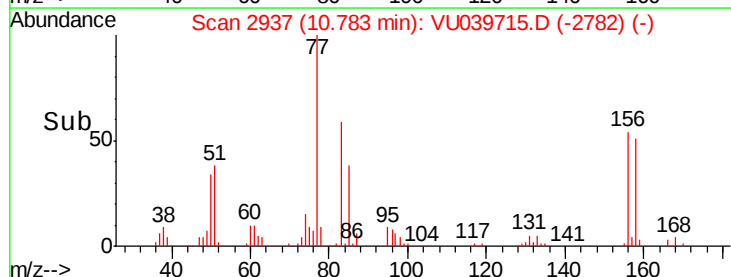
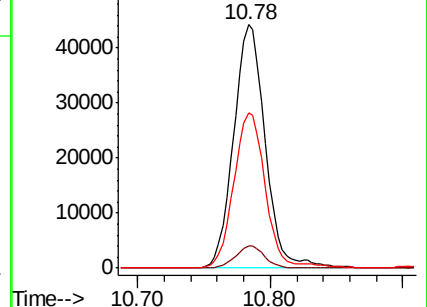
85 64.0 50.6 75.8

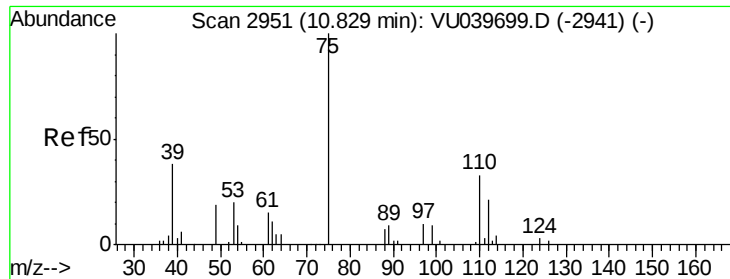


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

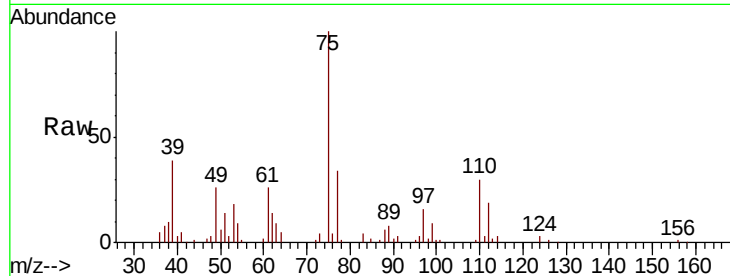




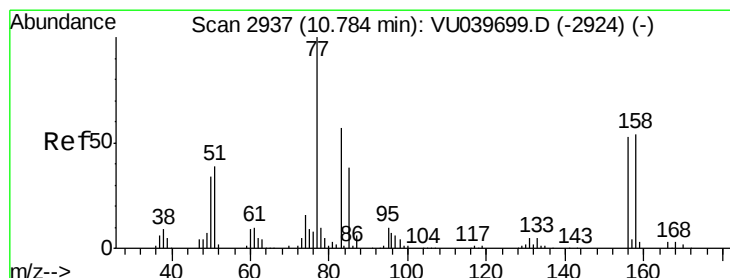
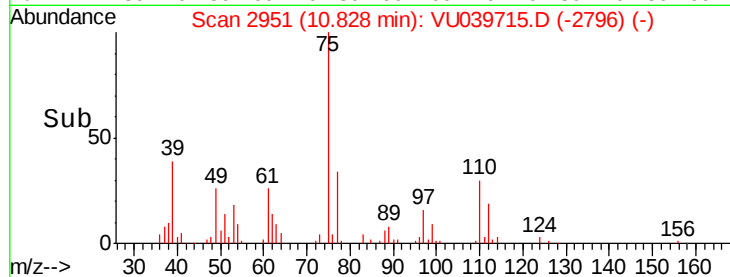
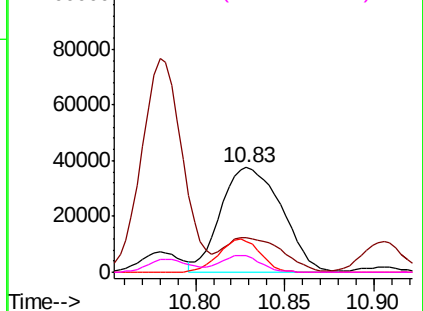
#71
 1,2,3-Trichloropropane
 Concen: 16.088 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:	75	Resp:	89811
Ion	Ratio	Lower	Upper
75	100		
77	31.3	0.0	91.0
110	21.5	0.0	64.2
97	11.0	0.0	32.6

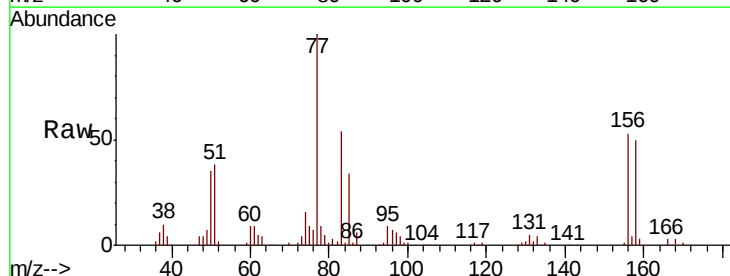


Abundance Ion 75.00 (74.70 to 75.70): VU039715.D (-2796) (-)
 Ion 77.00 (76.70 to 77.70): VU039715.D (-2796) (-)
 Ion 110.00 (109.70 to 110.70): VU039715.D (-2796) (-)
 Ion 97.00 (96.70 to 97.70): VU039715.D (-2796) (-)

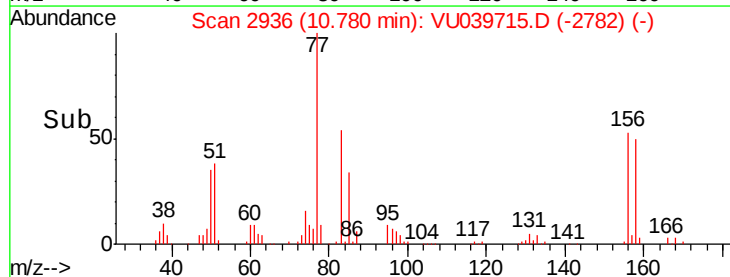
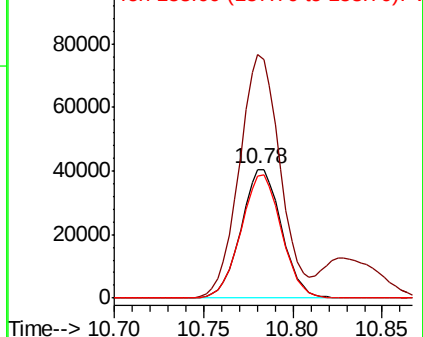


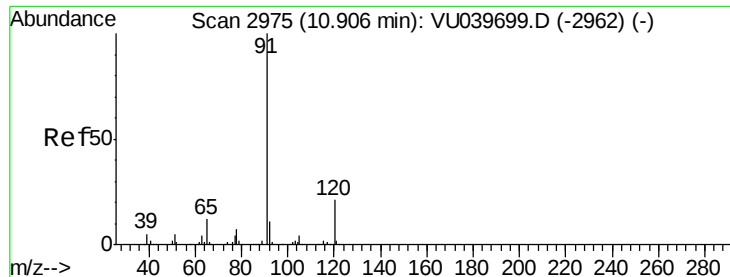
#72
 Bromobenzene
 Concen: 9.666 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion:	156	Resp:	64092
Ion	Ratio	Lower	Upper
156	100		
77	190.7	0.0	385.2
158	96.1	0.0	200.8



Abundance Ion 156.00 (155.70 to 156.70): VU039715.D (-2782) (-)
 Ion 77.00 (76.70 to 77.70): VU039715.D (-2782) (-)
 Ion 158.00 (157.70 to 158.70): VU039715.D (-2782) (-)





#73

n-propylbenzene

Concen: 9.987 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

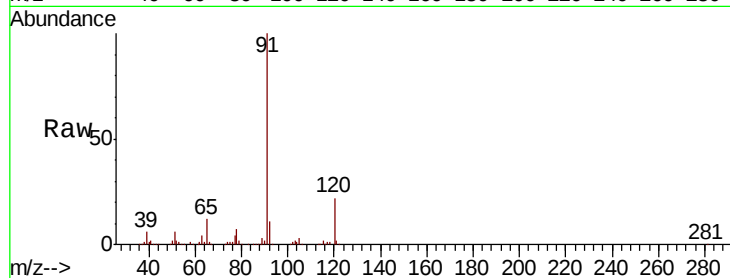
VSTDCCC010EC

Tot Ion:120 Resp: 81979

Ion Ratio Lower Upper

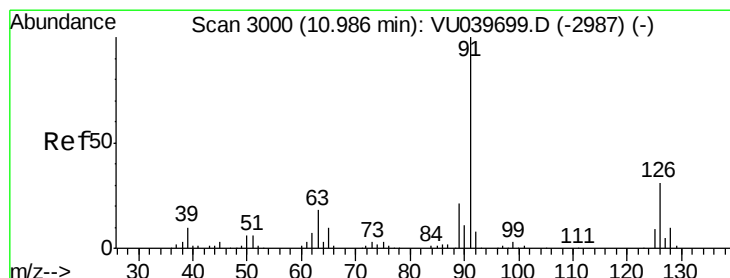
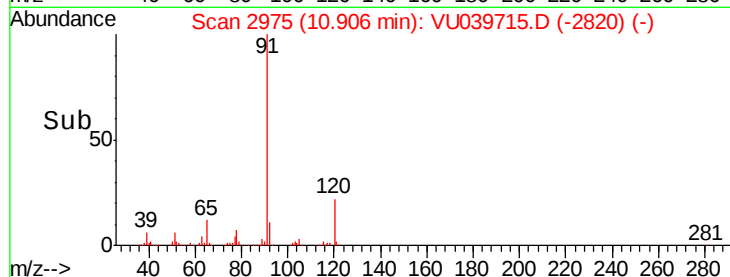
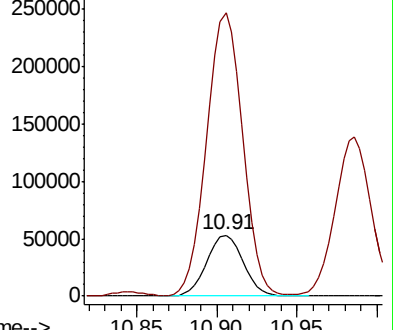
120 100

91 459.1 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 9.830 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039715.D

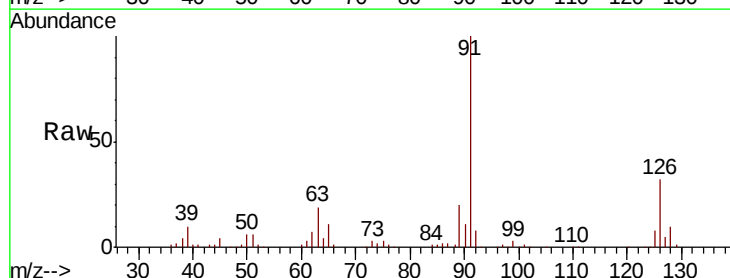
Acq: 29 Jul 2020 20:54

Tgt Ion:126 Resp: 68167

Ion Ratio Lower Upper

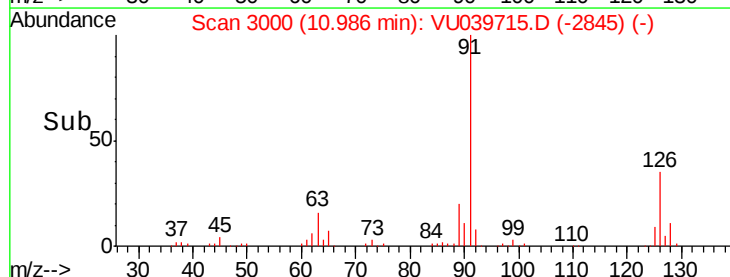
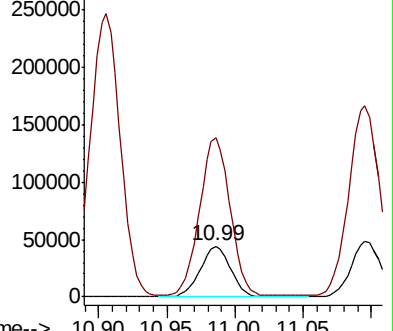
126 100

91 314.6 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: 10.266 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

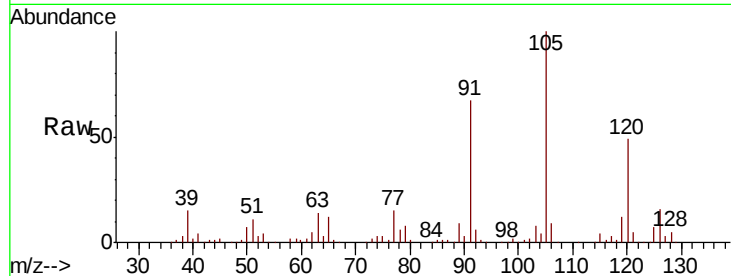
VSTDCCC010EC

Tot Ion:105 Resp: 259100

Ion Ratio Lower Upper

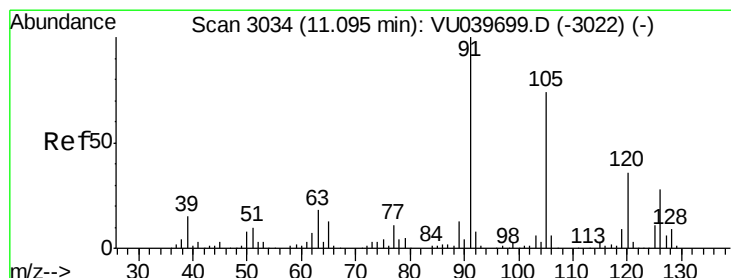
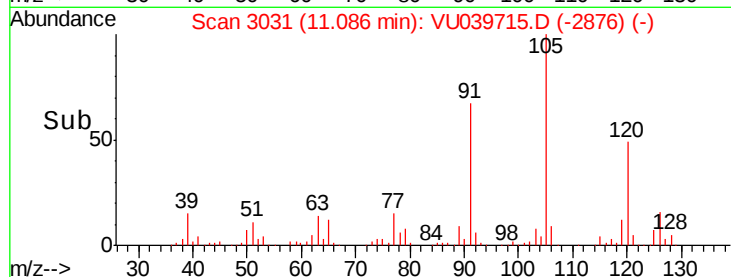
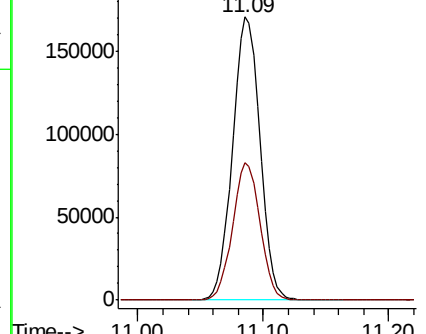
105 100

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: 10.208 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039715.D

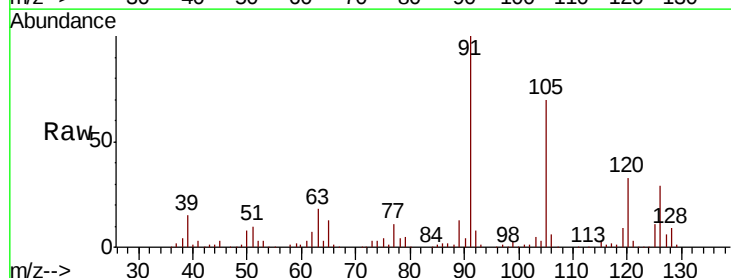
Acq: 29 Jul 2020 20:54

Tgt Ion:126 Resp: 73323

Ion Ratio Lower Upper

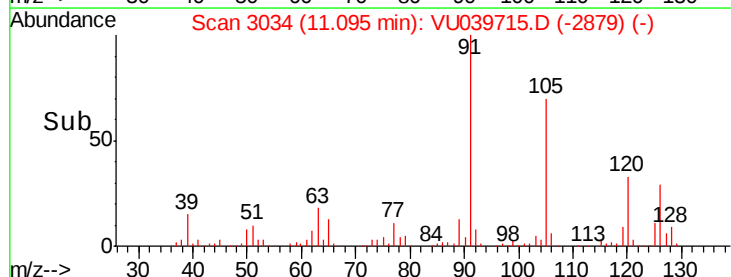
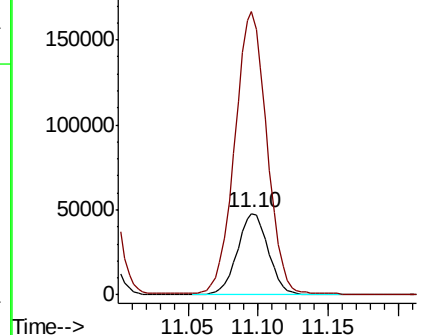
126 100

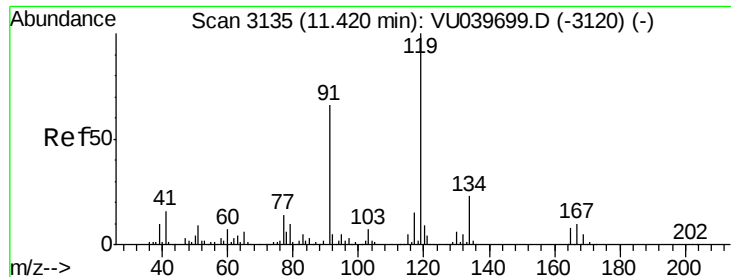
91 362.6 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 10.064 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU039715.D

Acq: 29 Jul 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

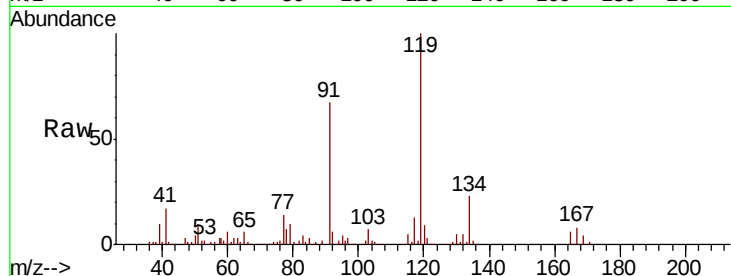
Tot Ion:119 Resp: 243681

Ion Ratio Lower Upper

119 100

91 63.0 31.9 95.5

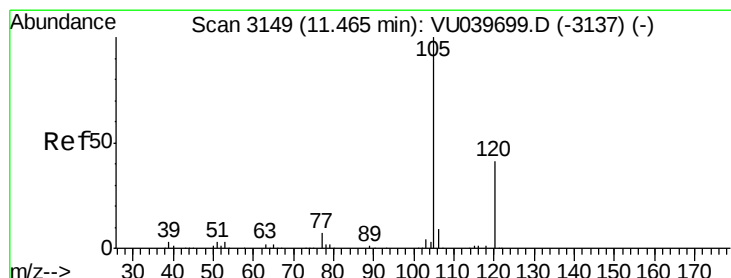
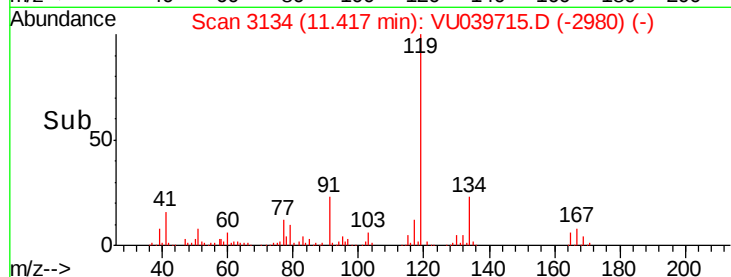
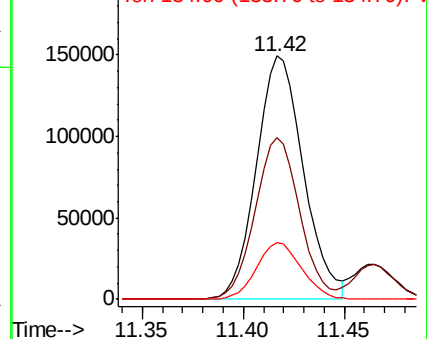
134 22.5 18.2 27.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 10.500 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039715.D

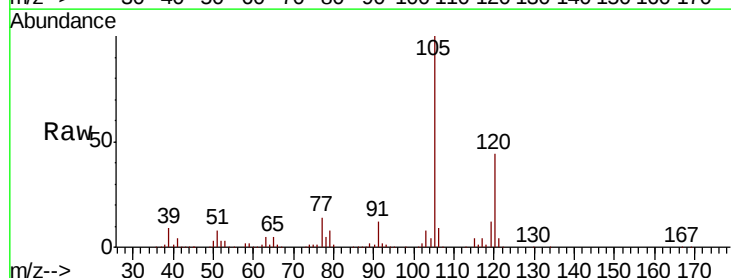
Acq: 29 Jul 2020 20:54

Tgt Ion:105 Resp: 271783

Ion Ratio Lower Upper

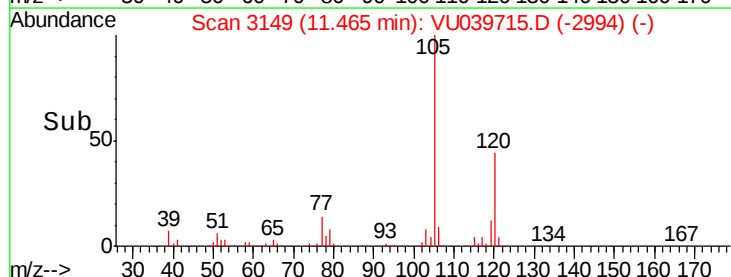
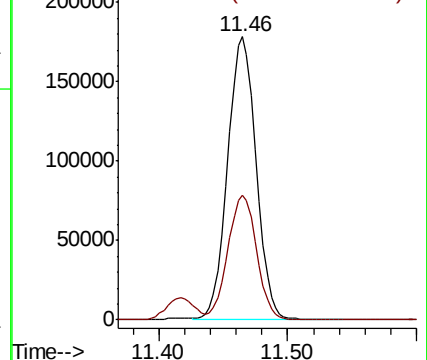
105 100

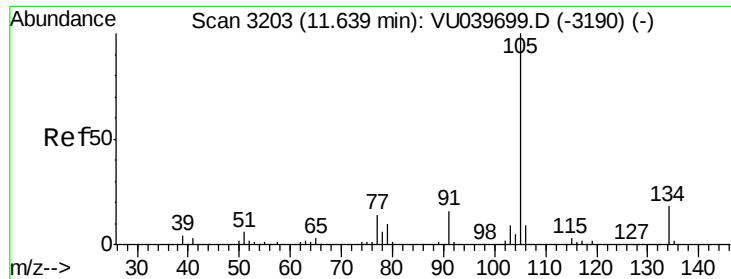
120 44.7 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

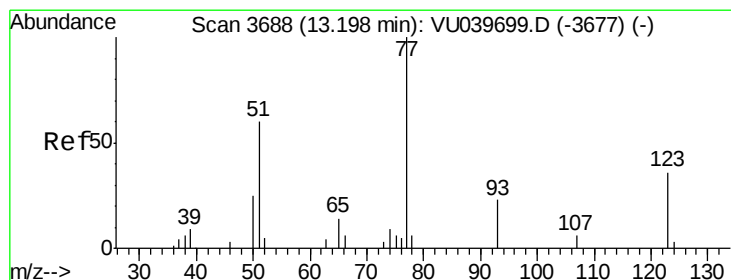
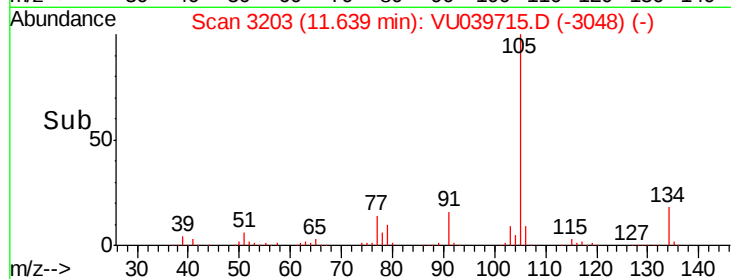
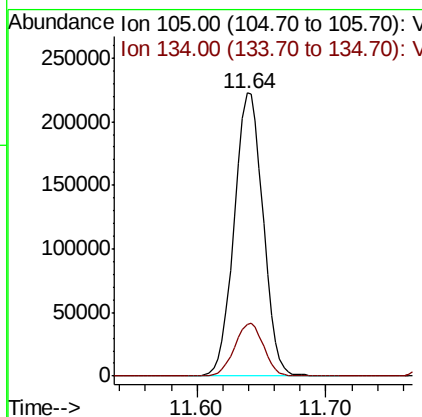
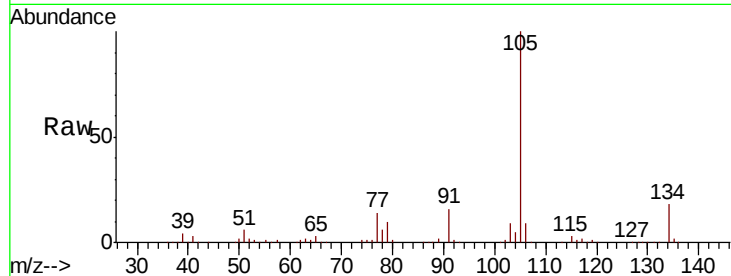




#79
 sec-Butylbenzene
 Concen: 10.048 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

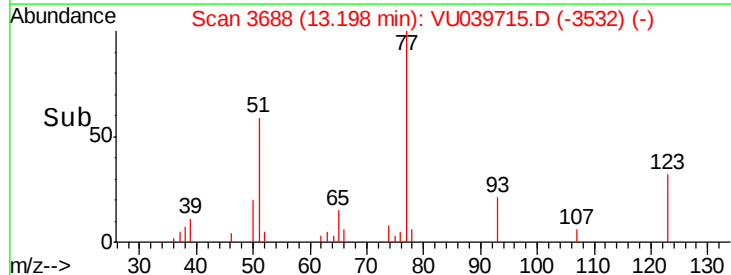
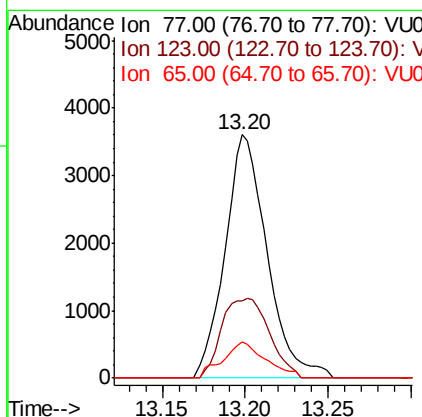
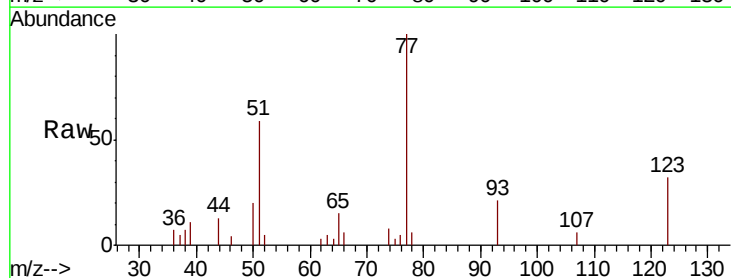
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

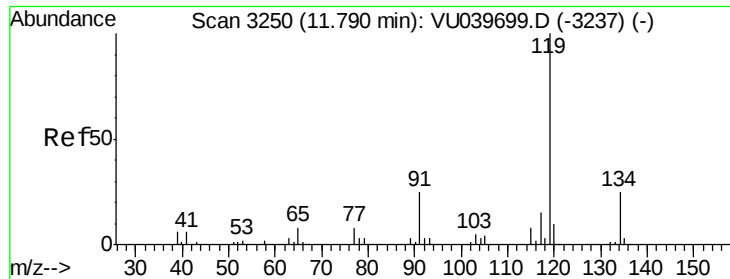
Tot Ion: 105 Resp: 346295
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.8 22.2



#80
 Nitrobenzene
 Concen: 48.807 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 77 Resp: 6363
 Ion Ratio Lower Upper
 77 100
 123 36.8 16.9 59.9
 65 15.0 14.4 18.4

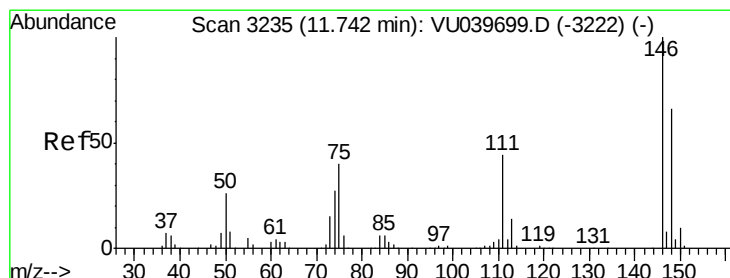
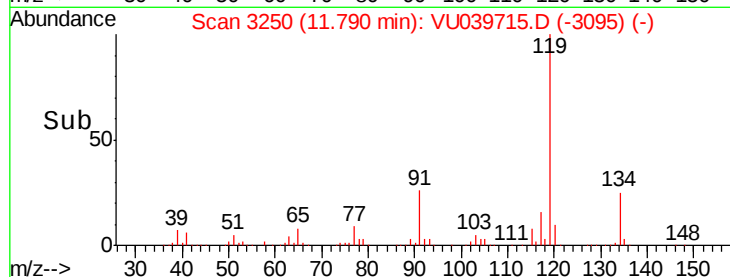
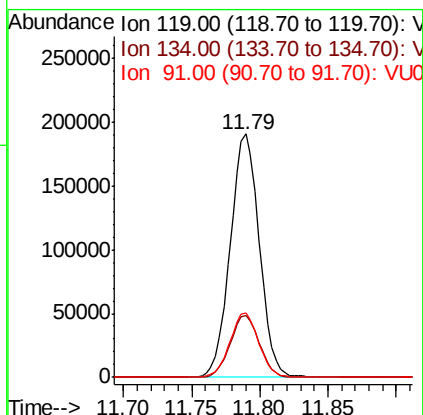
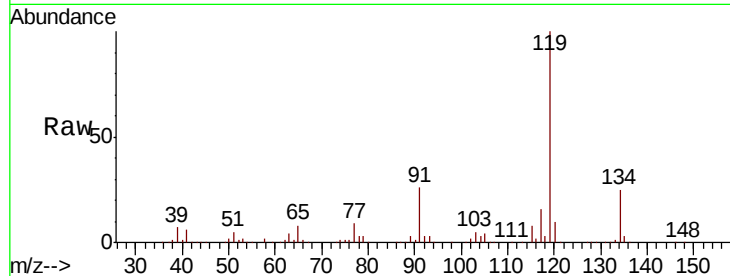




#81
 p-Isopropyltoluene
 Concen: 10.075 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

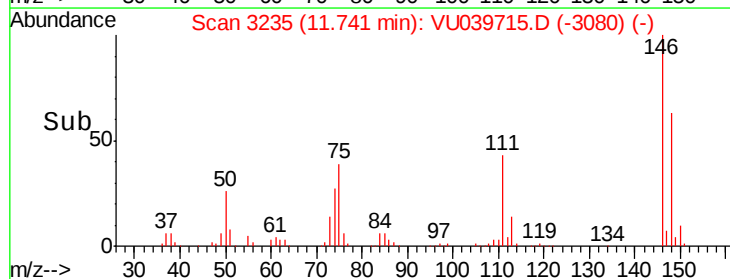
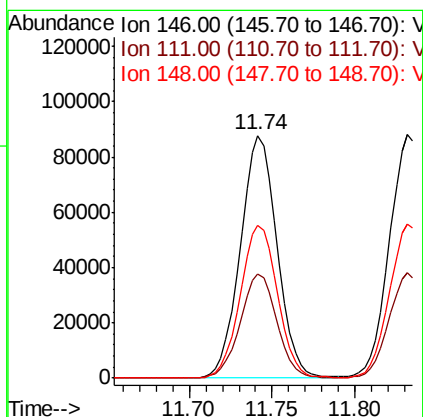
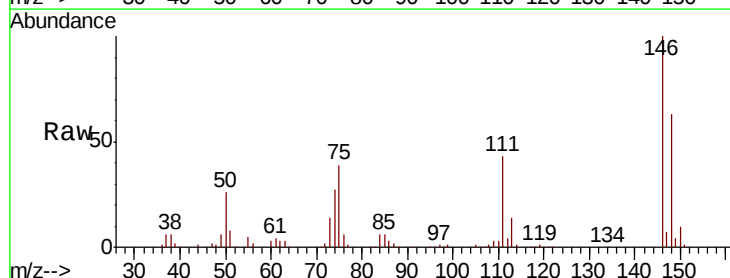
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

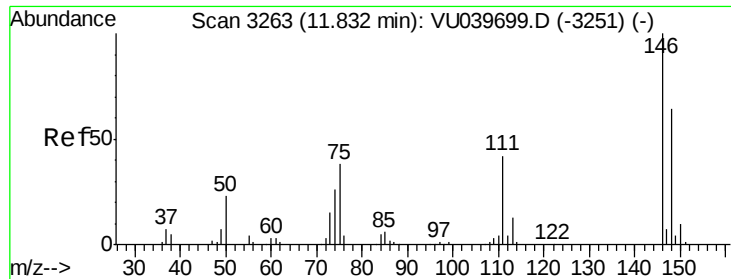
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.2	30.4
91	26.6	20.7	31.1



#82
 1,3-Dichlorobenzene
 Concen: 9.452 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	34.5	51.7
148	63.9	51.4	77.0

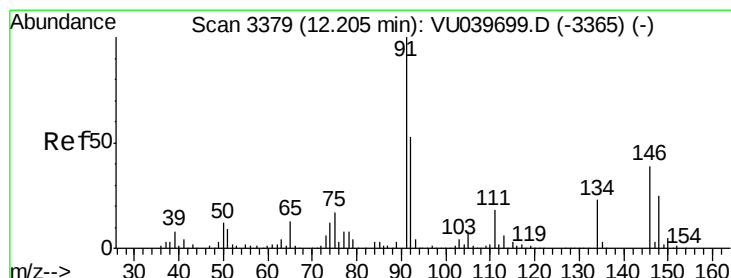
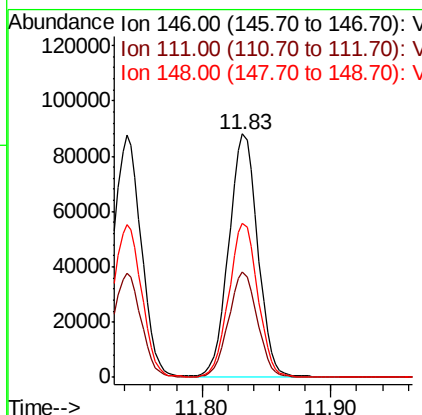
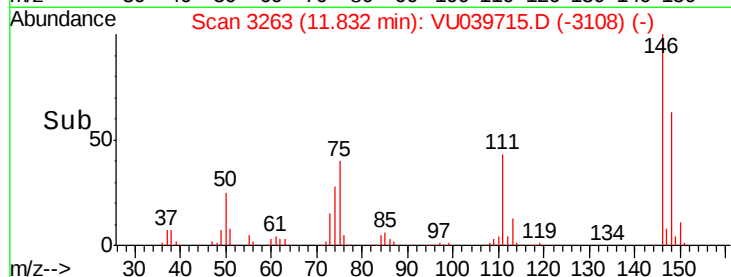
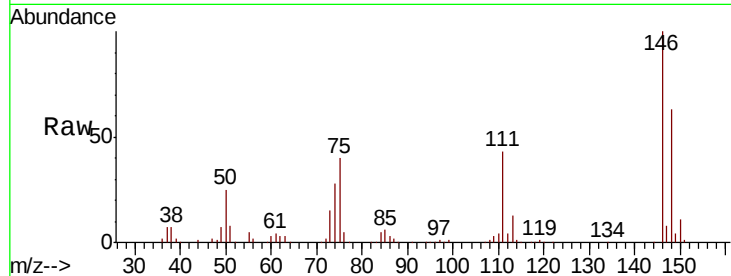




#83
 1,4-Dichlorobenzene
 Concen: 9.516 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

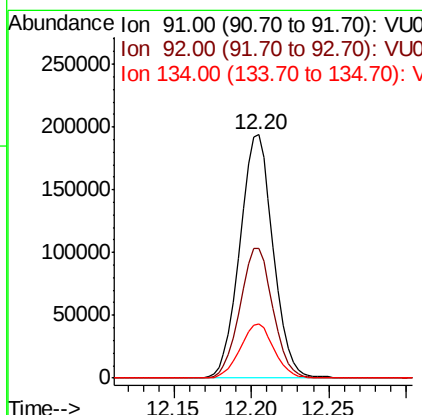
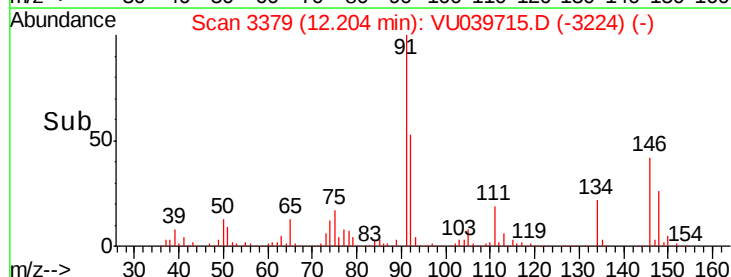
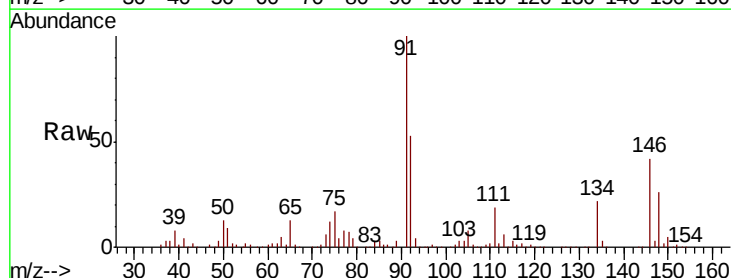
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

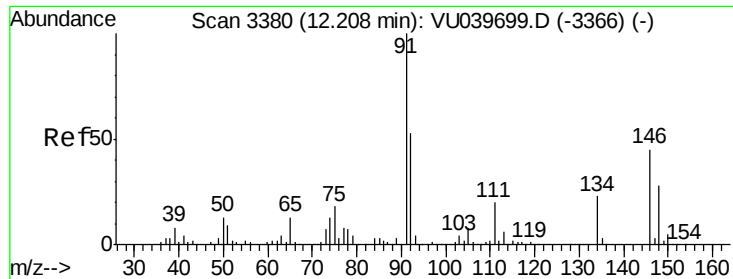
Tot Ion:146 Resp: 136602
 Ion Ratio Lower Upper
 146 100
 111 43.2 33.8 50.6
 148 63.3 51.1 76.7



#84
 n-Butylbenzene
 Concen: 9.831 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 91 Resp: 290020
 Ion Ratio Lower Upper
 91 100
 92 53.2 42.6 64.0
 134 22.6 18.2 27.4

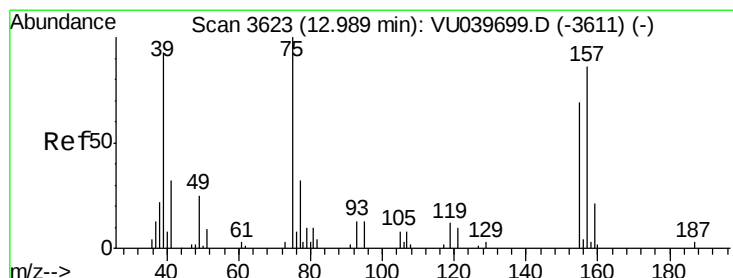
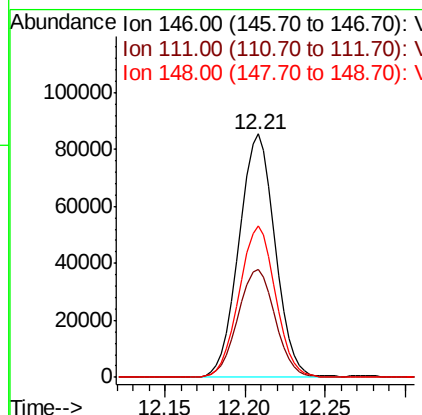
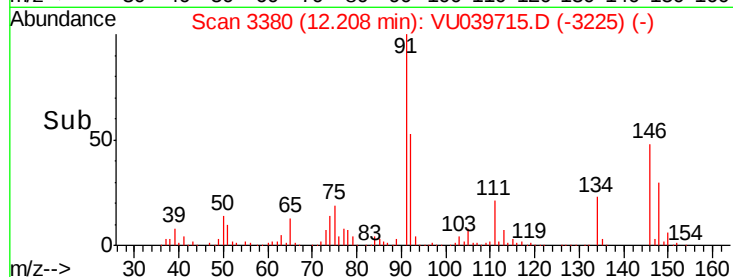
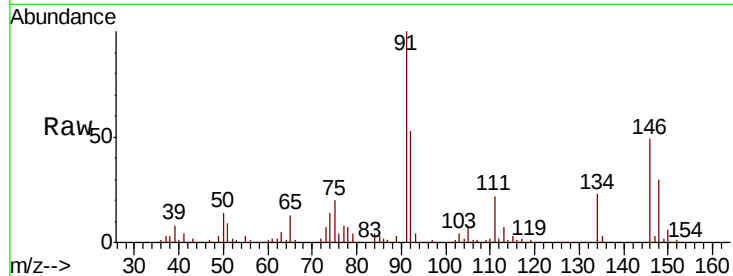




#85
 1,2-Dichlorobenzene
 Concen: 9.545 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

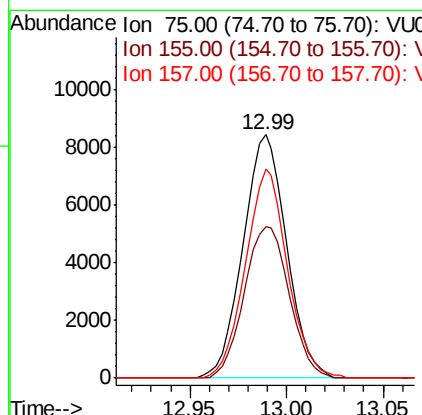
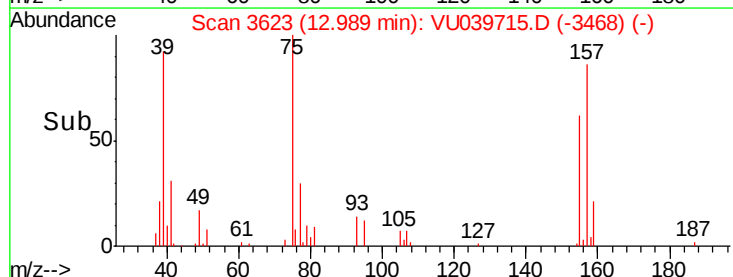
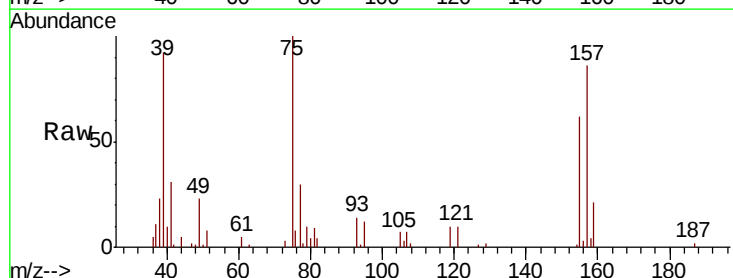
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

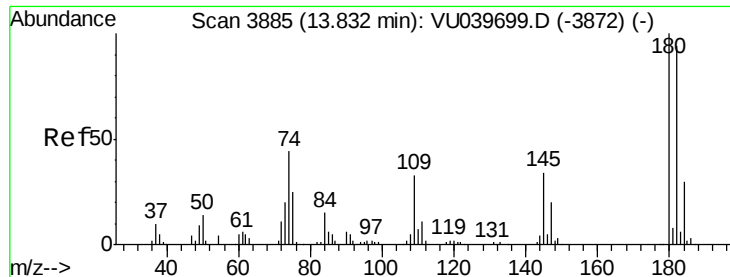
Tot Ion:146 Resp: 131292
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.8 68.3
 148 62.7 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.631 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion: 75 Resp: 13270
 Ion Ratio Lower Upper
 75 100
 155 64.1 52.9 79.3
 157 83.0 67.8 101.6

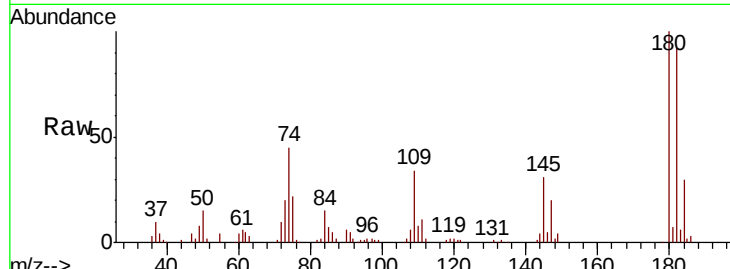




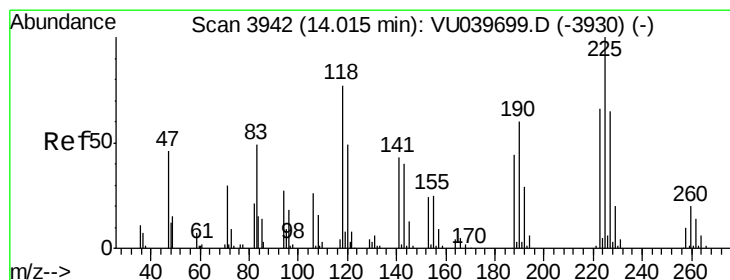
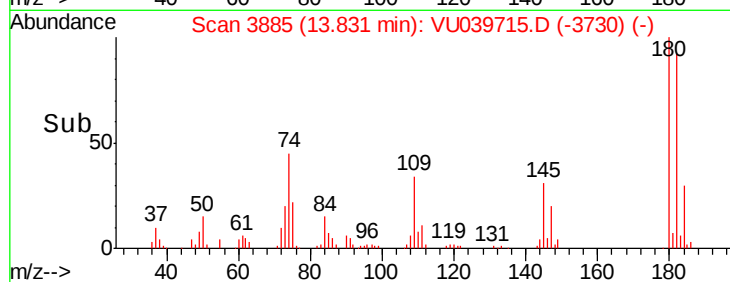
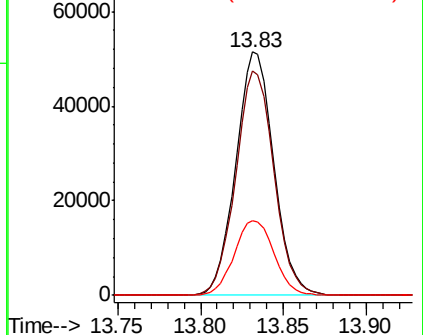
#87
 1,2,4-Trichlorobenzene
 Concen: 9.481 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:180 Resp: 81562
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.2 114.4
 145 32.3 26.8 40.2

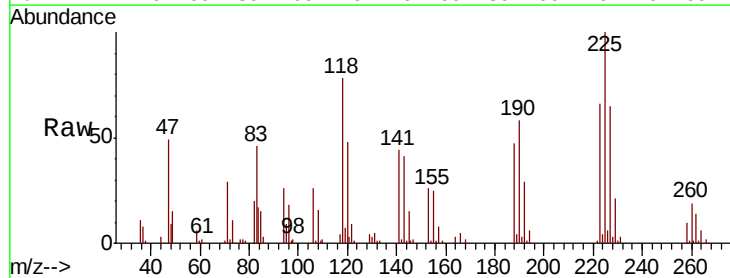


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

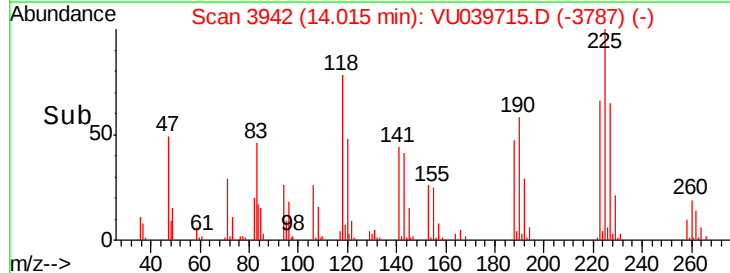
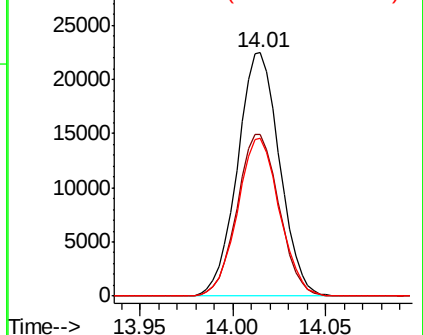


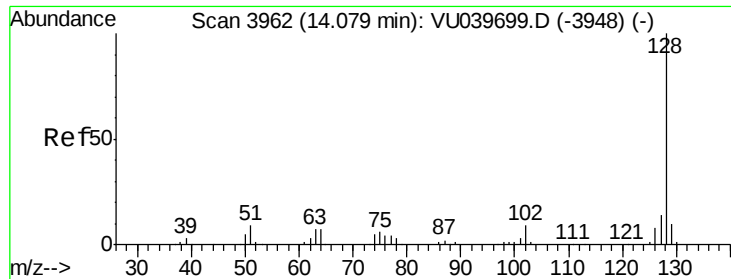
#88
 Hexachlorobutadiene
 Concen: 9.091 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039715.D
 Acq: 29 Jul 2020 20:54

Tgt Ion:225 Resp: 35517
 Ion Ratio Lower Upper
 225 100
 223 66.2 52.4 78.6
 227 64.5 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

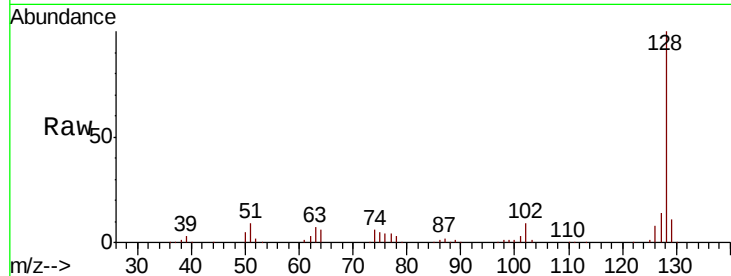




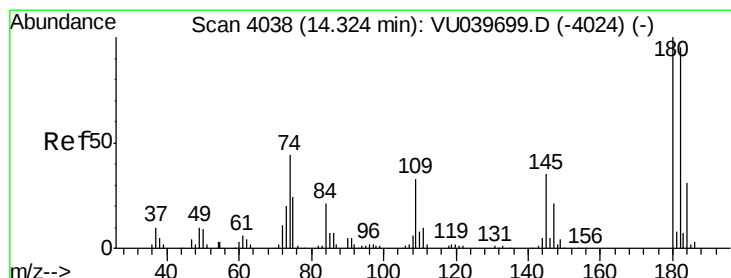
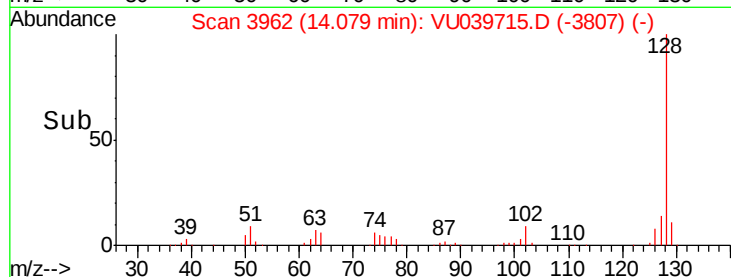
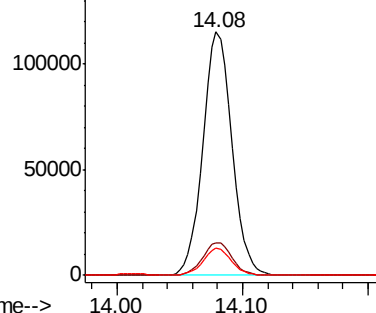
#89
Naphthalene
Concen: 10.064 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:128 Resp: 185242
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.8 8.4 12.6

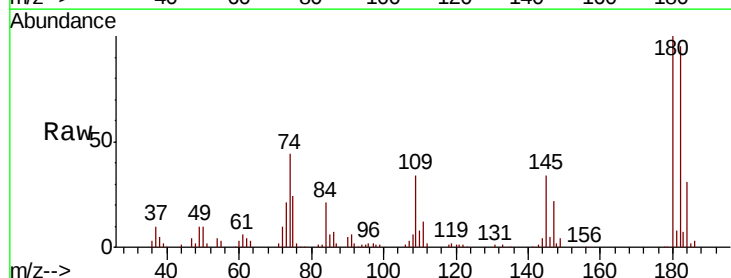


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 9.523 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. -0.00 min
Lab File: VU039715.D
Acq: 29 Jul 2020 20:54

Tgt Ion:180 Resp: 77340
Ion Ratio Lower Upper
180 100
182 96.1 76.0 114.0
145 35.2 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

