

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U080520\
 Data File : VU039742.D
 Acq On : 05 Aug 2020 10:35
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Aug 06 01:35:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	23182	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	9810	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7895	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	75030	9.314	ug/l	99
3) Chloromethane	1.53	50	98777	9.871	ug/l	100
4) Vinyl Chloride	1.61	62	95687	10.376	ug/l	96
5) Bromomethane	1.86	94	54296	8.608	ug/l	99
6) Chloroethane	1.94	64	68804	10.753	ug/l	97
7) Trichlorofluoromethane	2.14	101	137275	11.254	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	67166	9.594	ug/l	98
9) 1,1-Dichloroethene	2.59	96	58314	9.053	ug/l	98
10) Iodomethane	2.73	142	76184	11.727	ug/l	99
11) Allyl Chloride	2.93	41	119133	8.574	ug/l	99
12) Acrylonitrile	3.34	53	40386	17.863	ug/l	91
13) Acetone	2.66	43	99806	46.917	ug/l	99
14) Carbon Disulfide	2.80	76	198190	8.390	ug/l	100
15) Methylene Chloride	3.06	84	73892	8.230	ug/l	97
16) trans-1,2-Dichloroethene	3.37	96	66845	9.128	ug/l	98
17) 1,1-Dichloroethane	3.89	63	145190	9.029	ug/l	98
18) 2-Butanone	4.73	43	151347	42.308	ug/l	99
19) Cyclohexane	5.40	56	131489m	8.448	ug/l	
20) Methylcyclohexane	6.77	83	123926	10.745	ug/l	99
21) 2,2-Dichloropropane	4.68	77	114164	8.703	ug/l	97
22) cis-1,2-Dichloroethene	4.68	96	73915	9.364	ug/l	96
23) Diethyl Ether	2.39	59	70658	10.729	ug/l	97
24) tert-Butyl Alcohol	3.25	59	51661m	62.799	ug/l	
25) Methyl tert-Butyl Ether	3.38	73	189952	9.038	ug/l	100
26) Bromochloromethane	4.99	128	30000	9.289	ug/l	93
27) Chloroform	5.11	83	137036	9.106	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	111820	9.183	ug/l	99
29) 1,1-Dichloropropene	5.54	75	105335	8.983	ug/l	99
30) Carbon Tetrachloride	5.54	117	95789	9.620	ug/l	98
31) Isopropyl Ether	4.01	45	256361	8.741	ug/l	100
32) Ethyl-t-butyl ether	4.52	59	218745	8.764	ug/l	97
33) Tert-Amyl methyl ether	5.95	73	187608	10.426	ug/l	99
34) Propionitrile	4.82	54	40700	46.121	ug/l #	1
35) Benzene	5.79	78	293615	10.123	ug/l	100
36) 1,2-Dichloroethane	5.81	62	106952	9.836	ug/l	99
37) Trichloroethene	6.55	130	65956	9.938	ug/l	98
38) 1,2-Dichloropropane	6.80	63	83695	10.469	ug/l	98
39) Methacrylonitrile	4.99	41	35724	7.682	ug/l	98
40) Methyl acrylate	4.86	55	58027	9.676	ug/l #	95
41) Tetrahydrofuran	5.08	42	36093	15.426	ug/l	99
42) 1-Chlorobutane	5.47	56	163903	8.906	ug/l	99

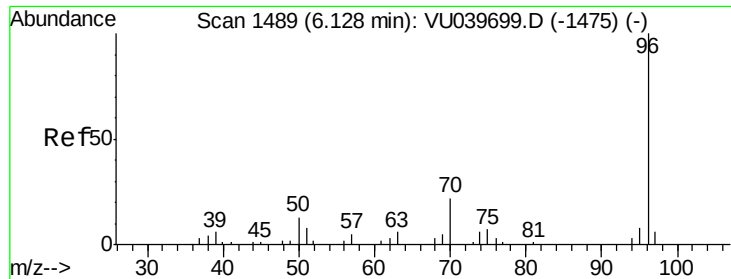
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080520\
 Data File : VU039742.D
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	41523	9.652	ug/l	98
44) Bromodichloromethane	7.11	83	103577	10.501	ug/l	100
45) 4-Methyl-2-Pentanone	7.80	43	339567	52.106	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	36364m	18.761	ug/l	
47) Methyl methacrylate	6.97	69	84941	21.169	ug/l	98
48) Ethyl methacrylate	8.34	69	78207	10.590	ug/l	100
49) Toluene	7.98	92	180362	10.447	ug/l	98
50) t-1,3-Dichloropropene	8.21	75	100126	11.271	ug/l	98
51) cis-1,3-Dichloropropene	7.61	75	114358	10.952	ug/l	96
52) 1,1,2-Trichloroethane	8.41	97	55106	9.859	ug/l	100
53) 1,3-Dichloropropane	8.58	76	106620	9.934	ug/l	100
54) 2-Hexanone	8.69	43	248385	53.234	ug/l	100
55) Dibromochloromethane	8.81	129	60863	10.140	ug/l	99
56) 1,2-Dibromoethane	8.93	107	52110	9.675	ug/l	98
58) Tetrachloroethene	8.56	164	56709	9.761	ug/l	97
59) Chlorobenzene	9.45	112	179817	10.072	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	61034	10.139	ug/l	99
61) Pentachloroethane	11.43	117	50377	9.525	ug/l	99
62) Hexachloroethane	12.47	117	48730	10.052	ug/l	98
63) Ethyl Benzene	9.57	91	339646	10.615	ug/l	100
64) m/p-Xylenes	9.69	106	265546	21.242	ug/l	100
65) o-Xylene	10.10	106	123225	10.382	ug/l	100
66) Styrene	10.11	104	215119	10.577	ug/l	99
67) Bromoform	10.29	173	31914	10.423	ug/l	99
69) Isopropylbenzene	10.48	105	329994	10.409	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	75393	9.370	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	53978m	8.905	ug/l	
72) Bromobenzene	10.78	156	67867	9.427	ug/l	95
73) n-propylbenzene	10.91	120	91154	10.227	ug/l	97
74) 2-Chlorotoluene	10.98	126	73351	9.742	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	285685	10.425	ug/l	99
76) 4-Chlorotoluene	11.10	126	78893	10.116	ug/l	97
77) tert-Butylbenzene	11.42	119	266175	10.124	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	298745	10.629	ug/l	99
79) sec-Butylbenzene	11.64	105	380268	10.162	ug/l	100
80) Nitrobenzene	13.20	77	6813	50.038	ug/l	99
81) p-Isopropyltoluene	11.79	119	311453	10.328	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	141933	9.160	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	143649	9.216	ug/l	99
84) n-Butylbenzene	12.20	91	321640	10.041	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	135591	9.078	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13655	10.075	ug/l	95
87) 1,2,4-Trichlorobenzene	13.83	180	84222	9.016	ug/l	98
88) Hexachlorobutadiene	14.01	225	37785	8.907	ug/l	99
89) Naphthalene	14.08	128	178750	8.943	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	78700	8.925	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

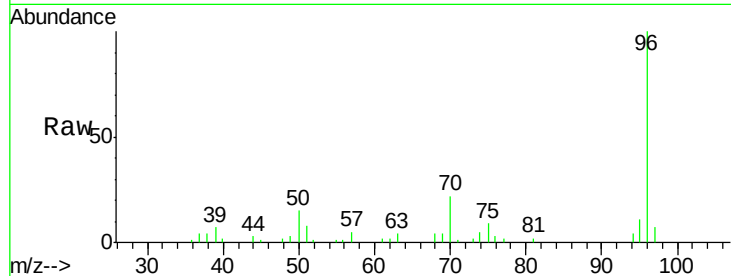
ClientSampleId :

VSTDCCC010

Tot Ion: 96 Resp: 23182

Ion Ratio Lower Upper

96	100		
70	21.7	16.3	24.5
95	10.2	6.8	10.2#
97	0.0	0.0	0.0

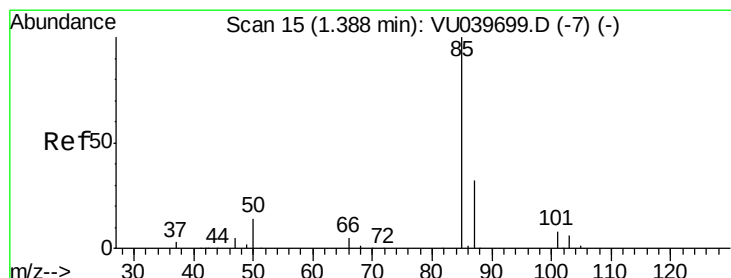
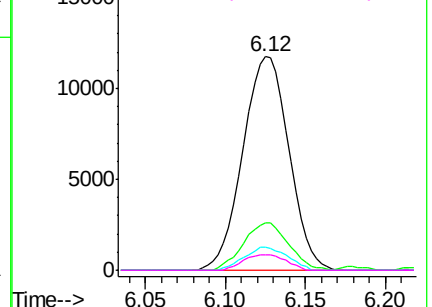
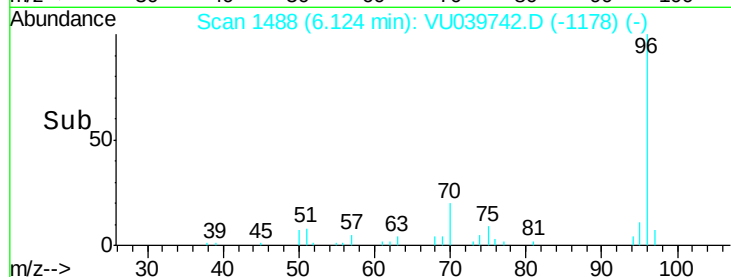


Abundance Ion 96.00 (95.70 to 96.70): VU039742.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU039742.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU039742.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU039742.D (-1178) (-)



#2

Dichlorodifluoromethane

Concen: 9.314 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

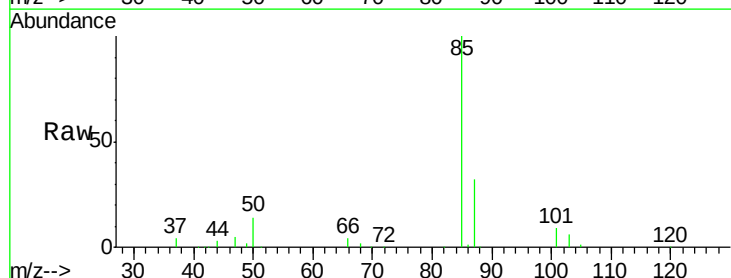
Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Tgt Ion: 85 Resp: 75030

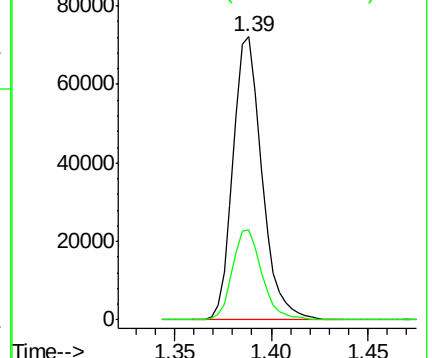
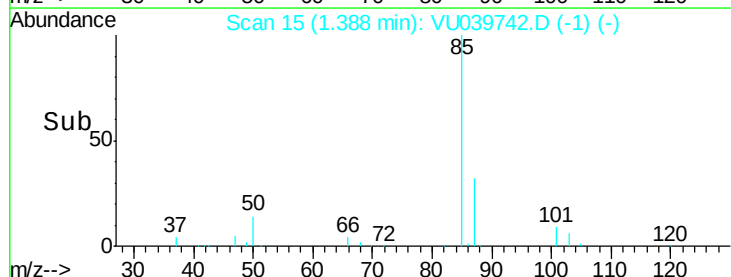
Ion Ratio Lower Upper

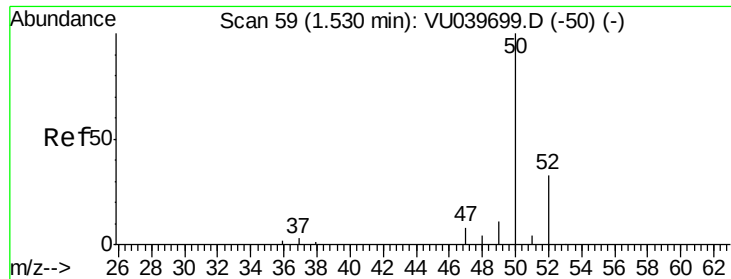
85	100		
87	31.9	16.2	48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039742.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU039742.D (-1) (-)





#3

Chloromethane

Concen: 9.871 ug/l

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

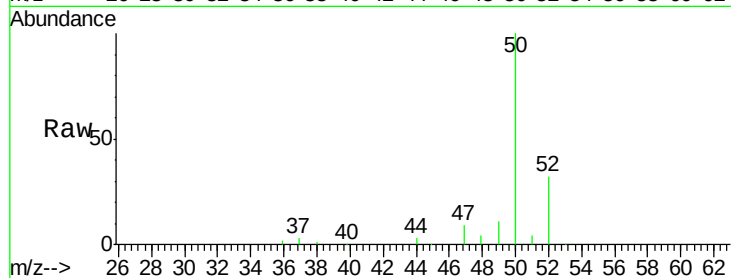
VSTDCCC010

Tot Ion: 50 Resp: 98777

Ion Ratio Lower Upper

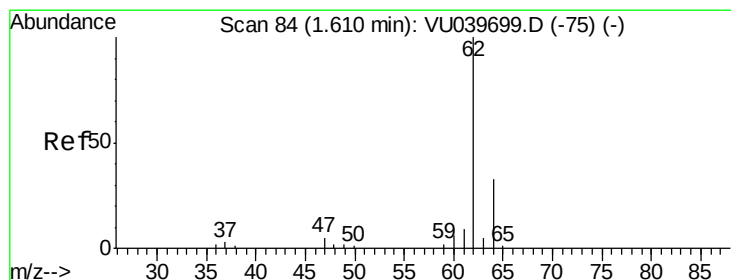
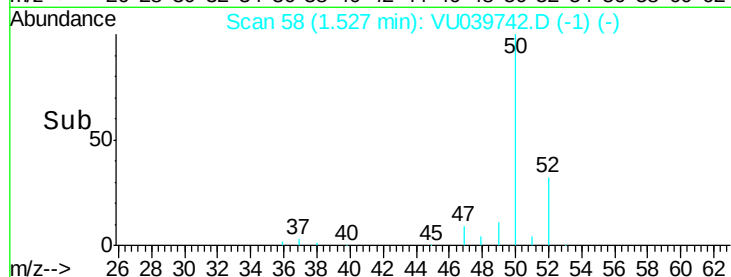
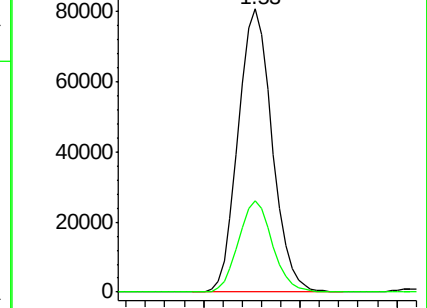
50 100

52 32.2 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 10.376 ug/l

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039742.D

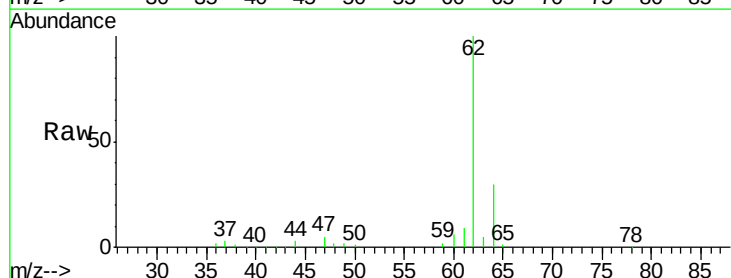
Acq: 05 Aug 2020 10:35

Tgt Ion: 62 Resp: 95687

Ion Ratio Lower Upper

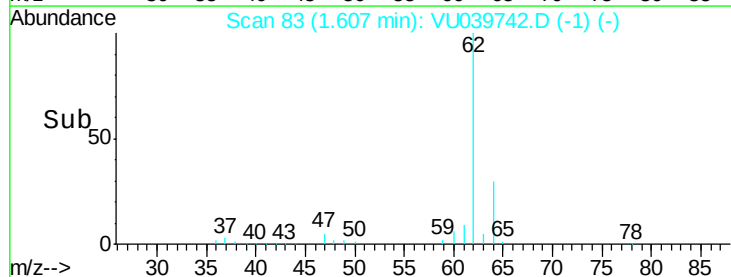
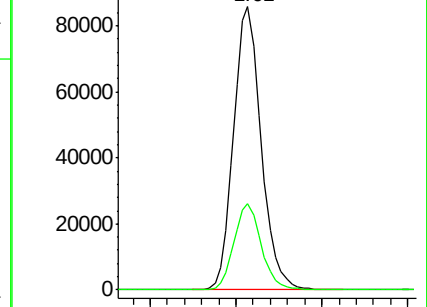
62 100

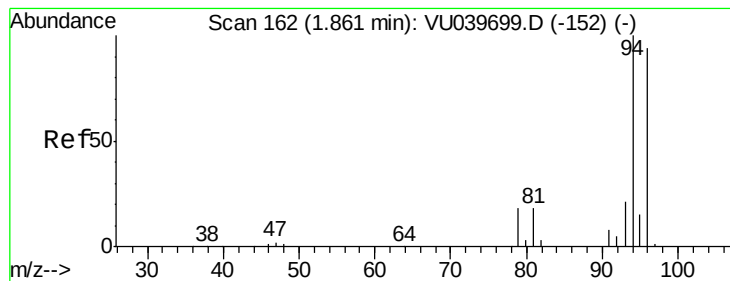
64 30.5 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 8.608 ug/l

RT: 1.86 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

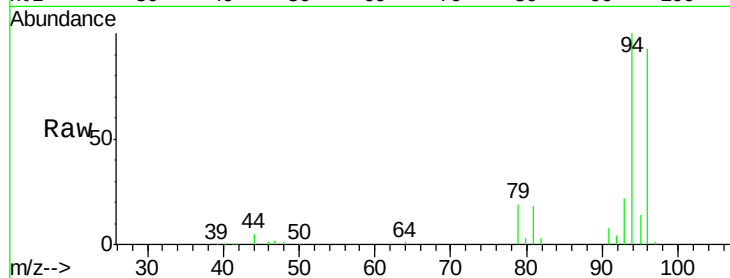
VSTDCCC010

Tot Ion: 94 Resp: 54296

Ion Ratio Lower Upper

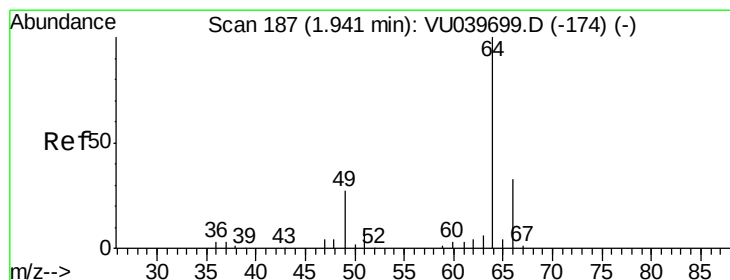
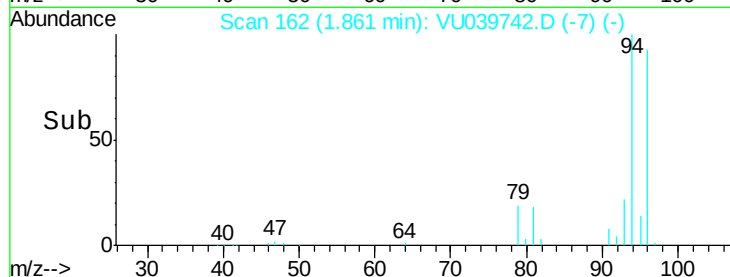
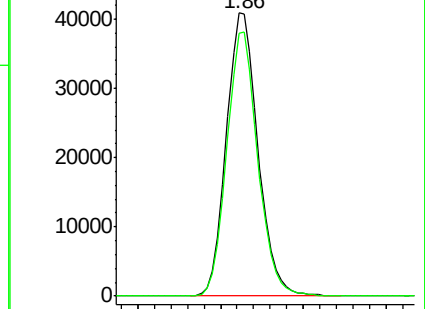
94 100

96 92.8 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039699.D (-152) (-)



#6

Chloroethane

Concen: 10.753 ug/l

RT: 1.94 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU039742.D

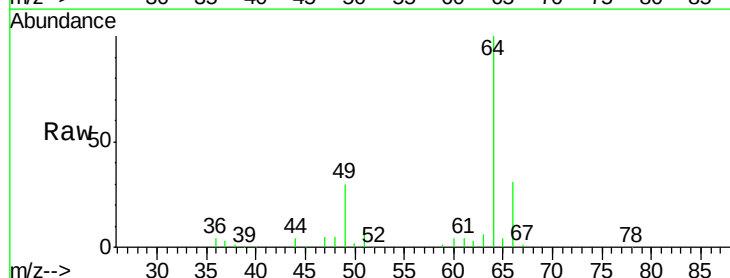
Acq: 05 Aug 2020 10:35

Tgt Ion: 64 Resp: 68804

Ion Ratio Lower Upper

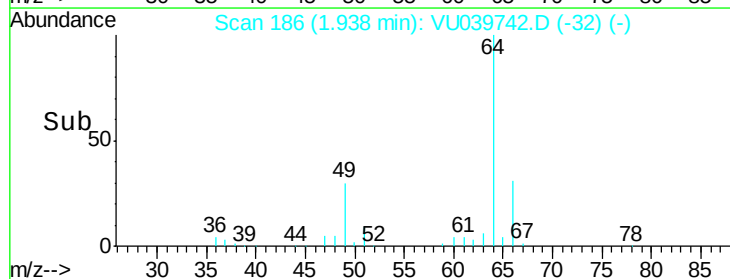
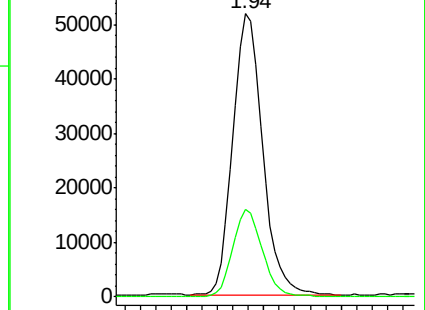
64 100

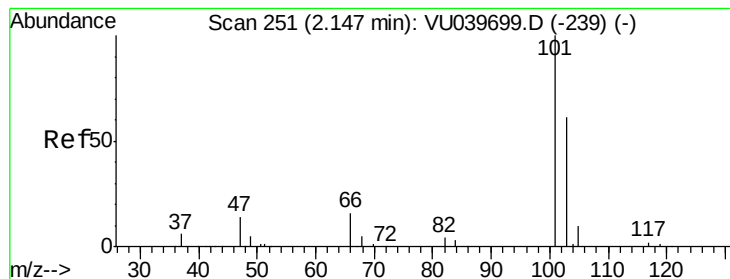
66 31.1 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039699.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039699.D (-174) (-)





#7

Trichlorofluoromethane

Concen: 11.254 ug/l

RT: 2.14 min Scan# 250

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

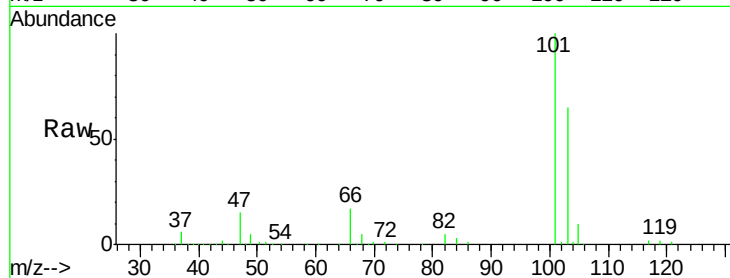
VSTDCCC010

Tot Ion:101 Resp: 137275

Ion Ratio Lower Upper

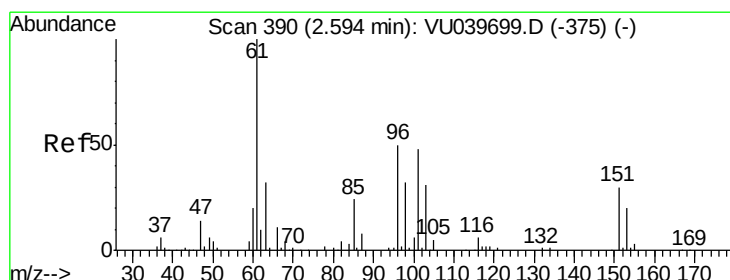
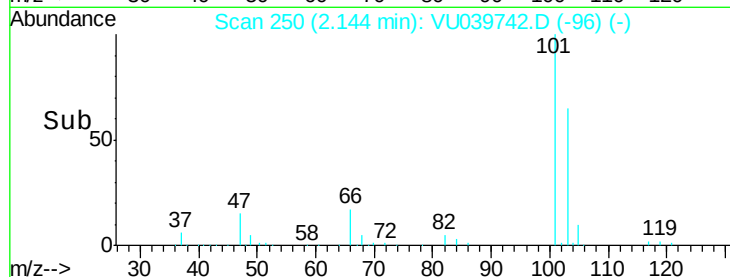
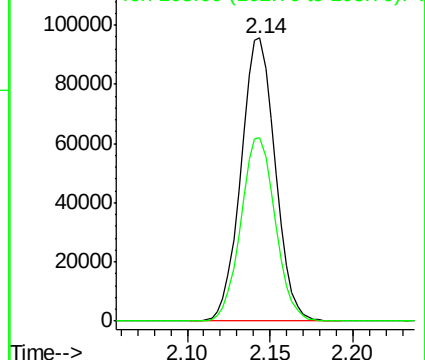
101 100

103 64.7 48.8 73.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 9.594 ug/l

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

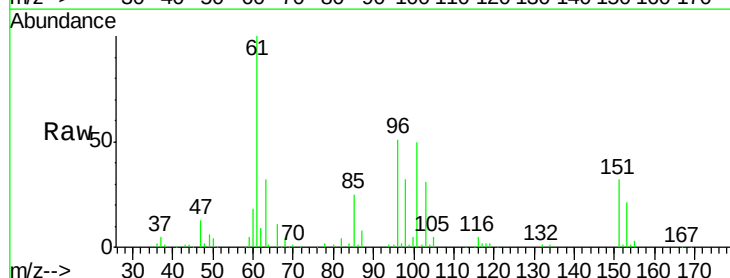
Tgt Ion:101 Resp: 67166

Ion Ratio Lower Upper

101 100

85 48.7 39.9 59.9

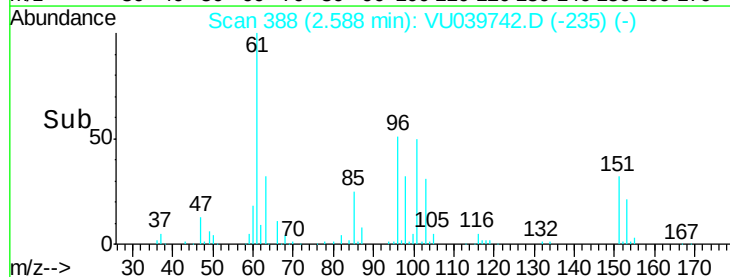
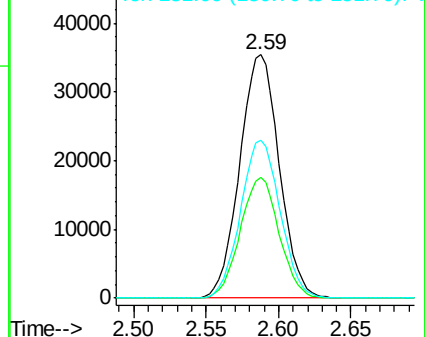
151 64.7 51.0 76.4

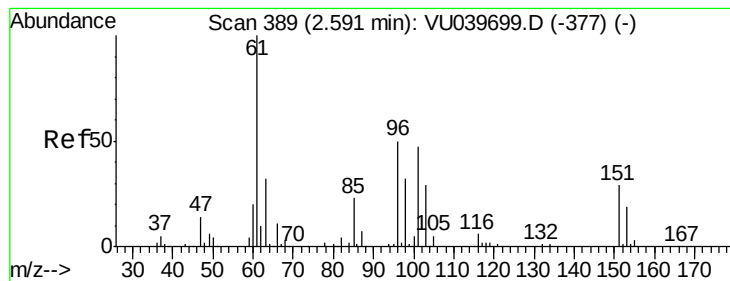


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 9.053 ug/l

RT: 2.59 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

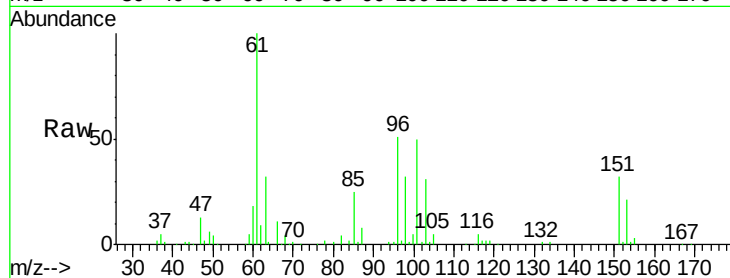
Tot Ion: 96 Resp: 58314

Ion Ratio Lower Upper

96 100

61 197.2 0.0 604.5

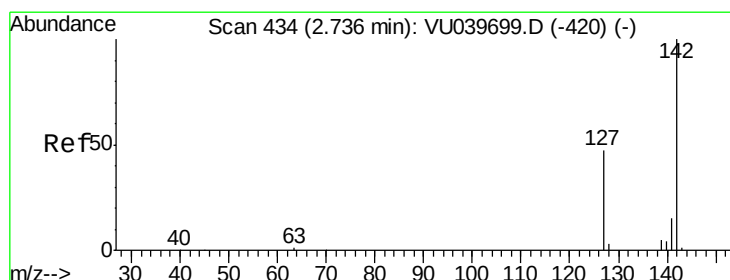
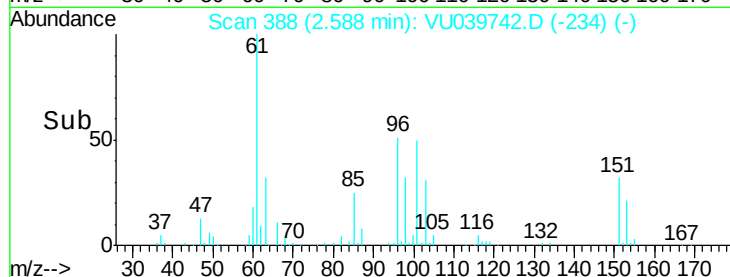
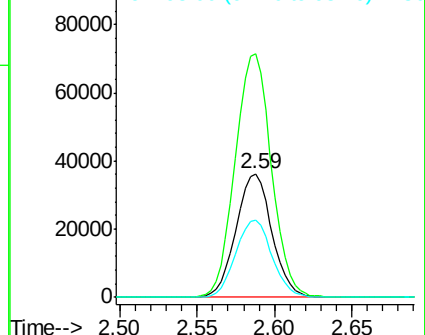
98 62.6 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-377) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-377) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-377) (-)



#10

Iodomethane

Concen: 11.727 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039742.D

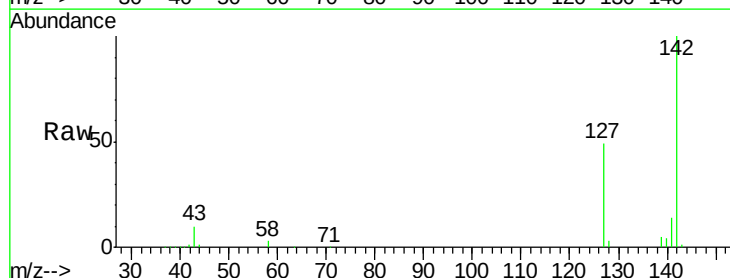
Acq: 05 Aug 2020 10:35

Tgt Ion: 142 Resp: 76184

Ion Ratio Lower Upper

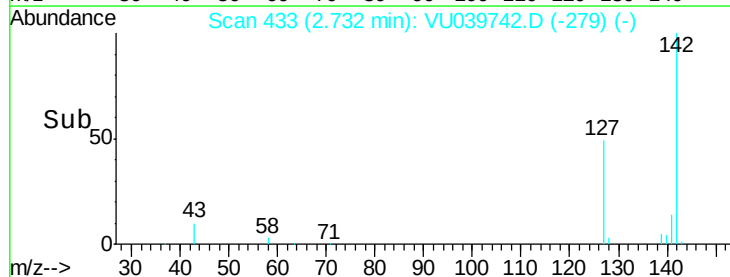
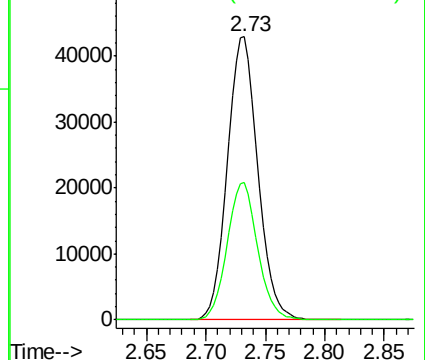
142 100

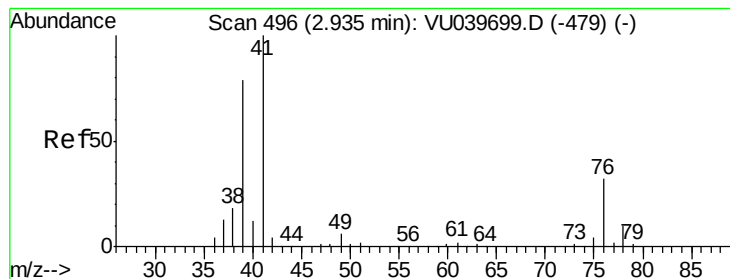
127 48.5 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039699.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-420) (-)





#11

Allvl Chloride

Concen: 8.574 ug/l

RT: 2.93 min Scan# 495

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

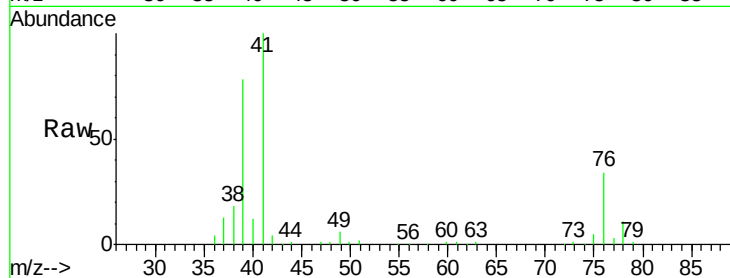
VSTDCCC010

Tot Ion: 41 Resp: 119133

Ion Ratio Lower Upper

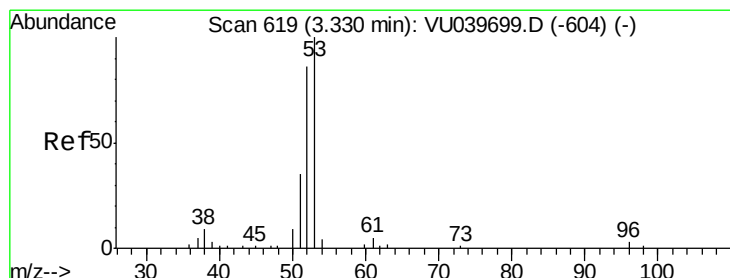
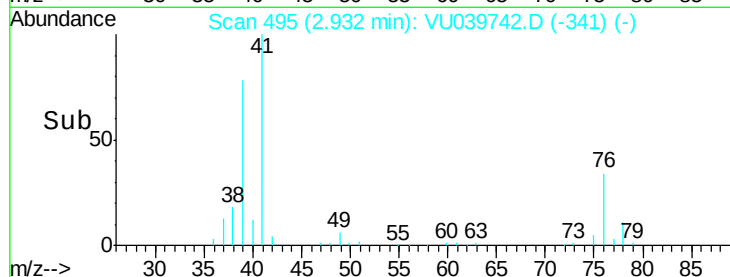
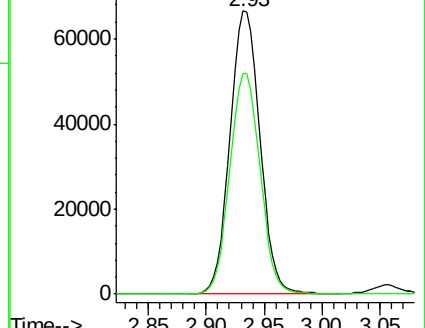
41 100

39 79.1 64.2 96.2



Abundance Ion 41.00 (40.70 to 41.70): VU039699.D (-479) (-)

Ion 39.00 (38.70 to 39.70): VU039699.D (-479) (-)



#12

Acrylonitrile

Concen: 17.863 ug/l

RT: 3.34 min Scan# 622

Delta R.T. 0.01 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

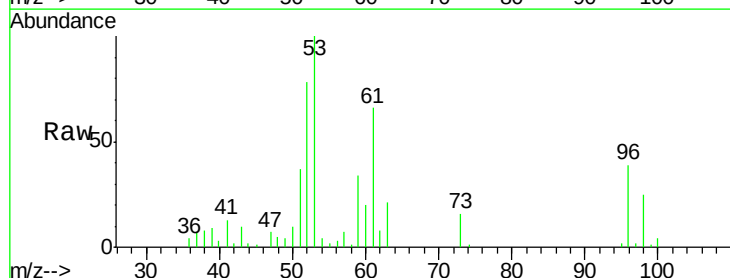
Tgt Ion: 53 Resp: 40386

Ion Ratio Lower Upper

53 100

52 79.1 69.1 103.7

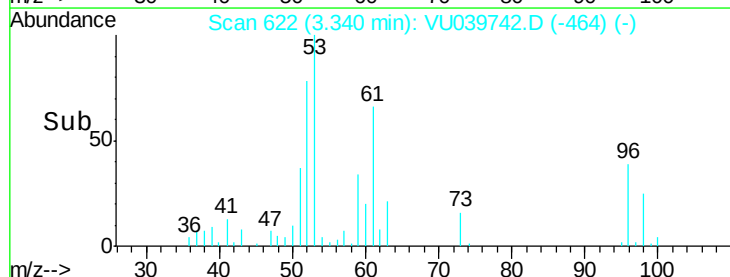
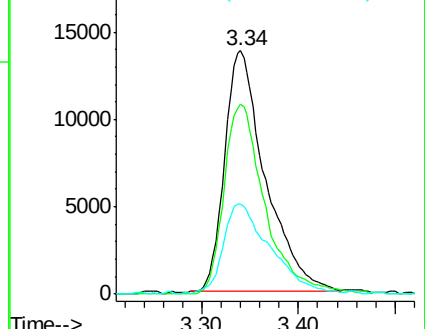
51 43.2 29.4 44.2

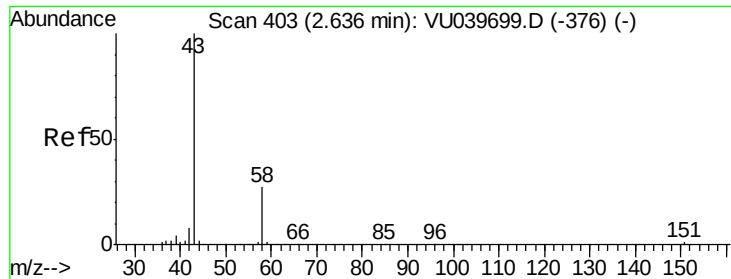


Abundance Ion 53.00 (52.70 to 53.70): VU039699.D (-604) (-)

Ion 52.00 (51.70 to 52.70): VU039699.D (-604) (-)

Ion 51.00 (50.70 to 51.70): VU039699.D (-604) (-)





#13

Acetone

Concen: 46.917 ug/l

RT: 2.66 min Scan# 411

Delta R.T. 0.03 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

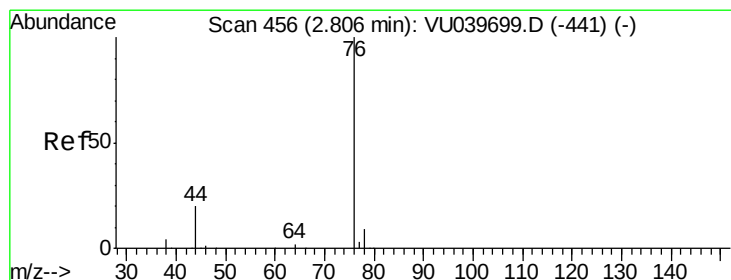
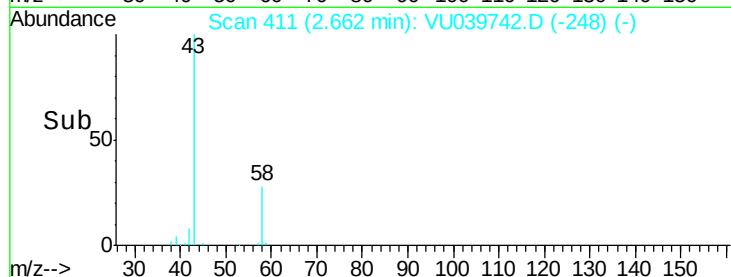
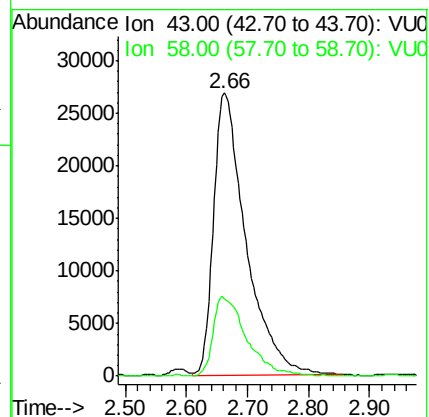
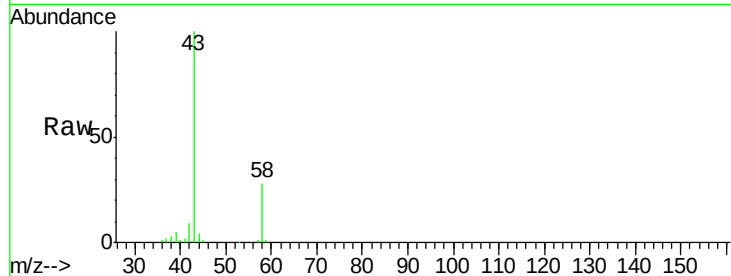
VSTDCCC010

Tot Ion: 43 Resp: 99806

Ion Ratio Lower Upper

43 100

58 27.7 21.8 32.6



#14

Carbon Disulfide

Concen: 8.390 ug/l

RT: 2.80 min Scan# 454

Delta R.T. -0.01 min

Lab File: VU039742.D

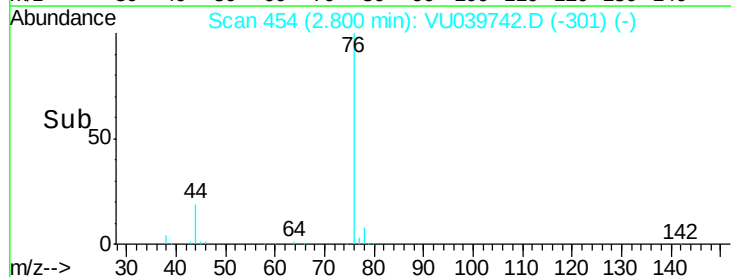
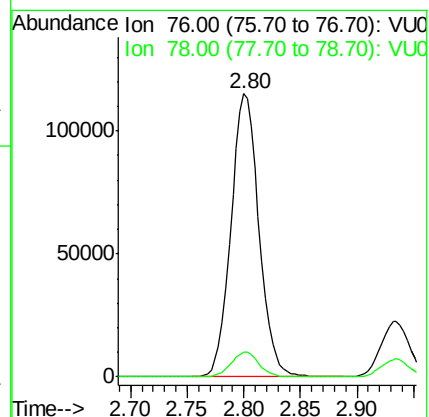
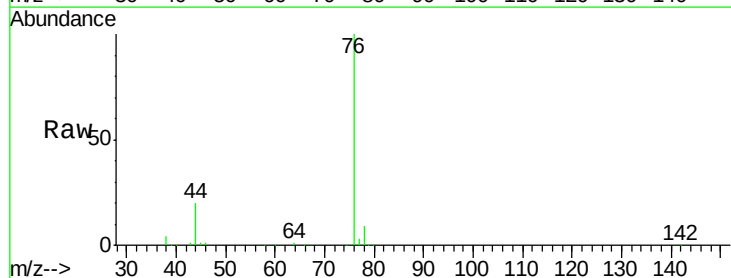
Acq: 05 Aug 2020 10:35

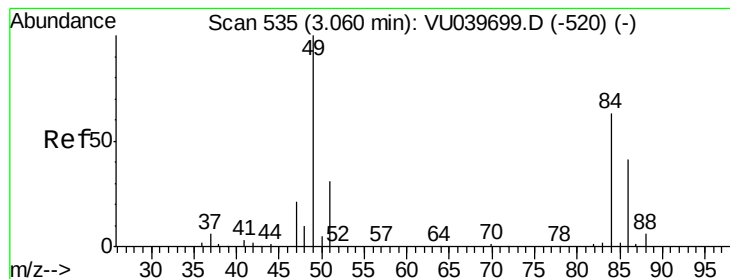
Tgt Ion: 76 Resp: 198190

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6





#15

Methylene Chloride

Concen: 8.230 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 84 Resp: 73892

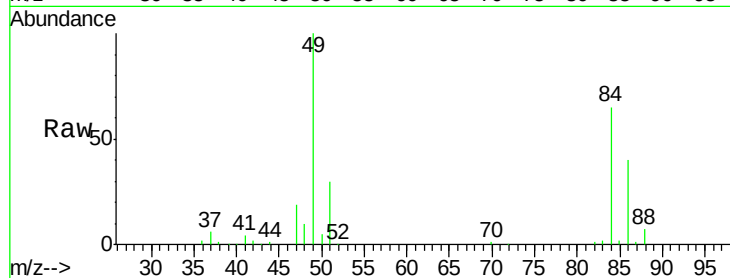
Ion Ratio Lower Upper

84 100

49 154.2 126.8 190.2

51 46.0 0.0 97.2

86 61.8 51.4 77.2

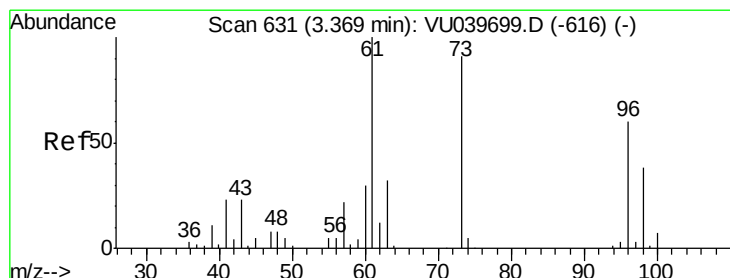
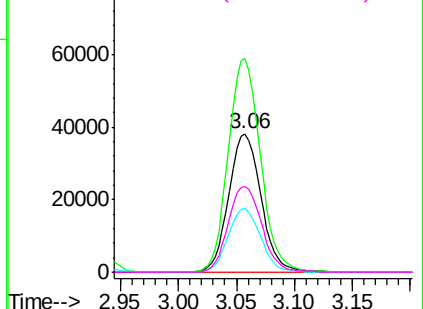
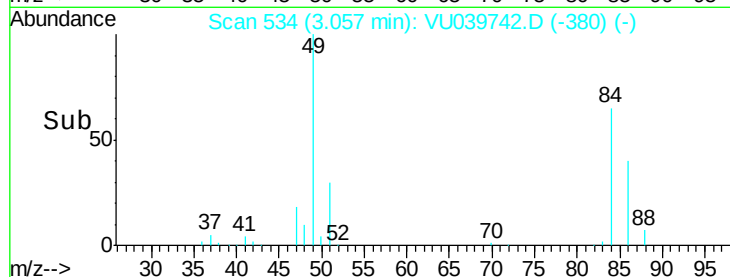


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 9.128 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

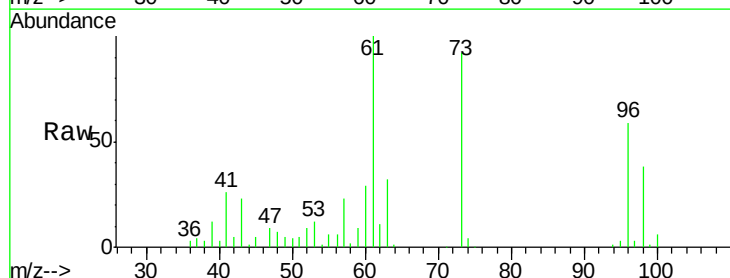
Tgt Ion: 96 Resp: 66845

Ion Ratio Lower Upper

96 100

61 169.0 132.6 199.0

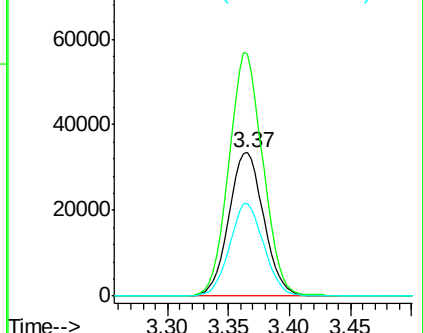
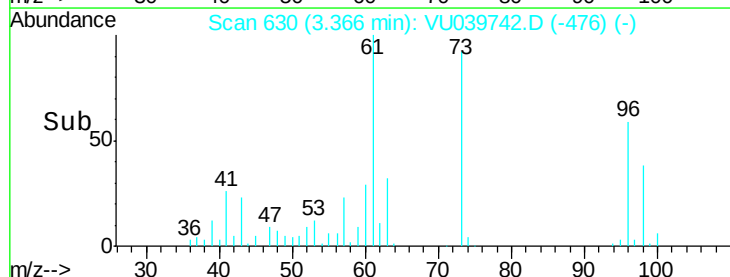
98 64.4 50.2 75.2

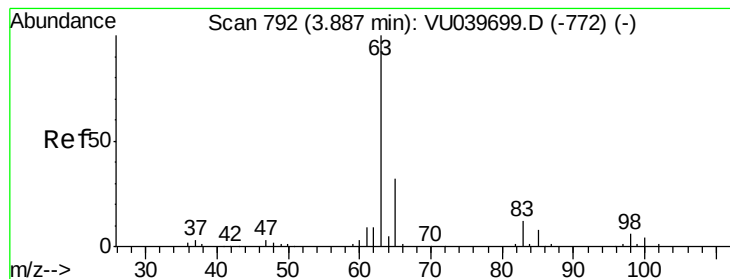


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 9.029 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

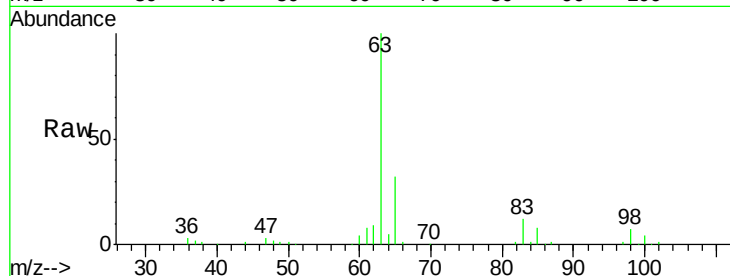
Tot Ion: 63 Resp: 145190

Ion Ratio Lower Upper

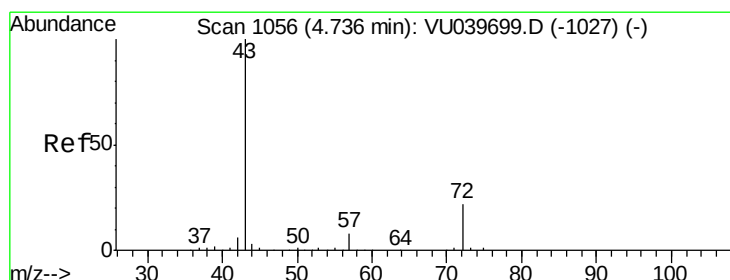
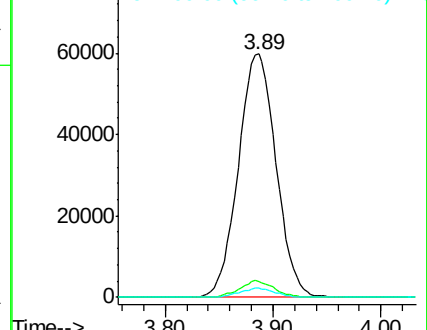
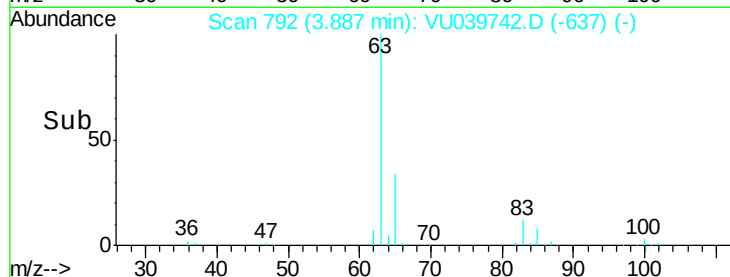
63 100

98 6.7 2.9 8.7

100 3.7 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VU039742.D (-637) (-)



#18

2-Butanone

Concen: 42.308 ug/l

RT: 4.73 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VU039742.D

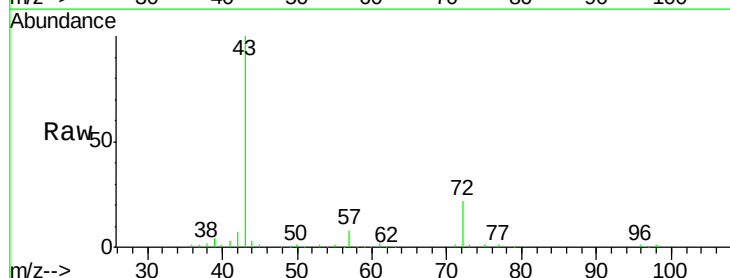
Acq: 05 Aug 2020 10:35

Tgt Ion: 43 Resp: 151347

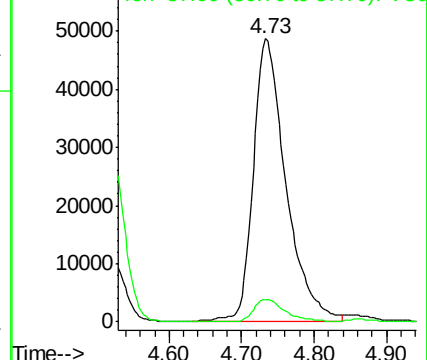
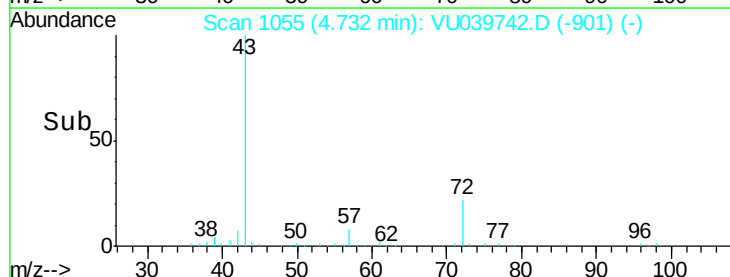
Ion Ratio Lower Upper

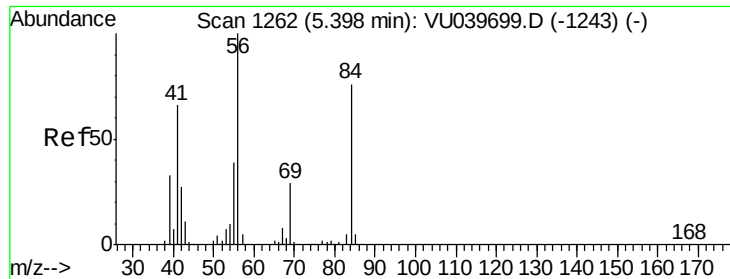
43 100

57 7.9 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039742.D (-901) (-)

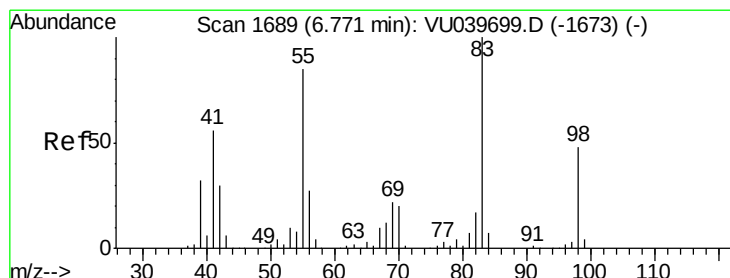
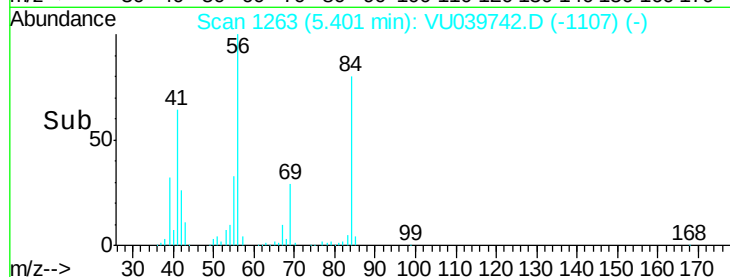
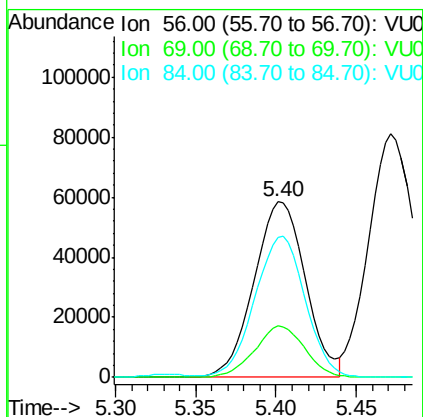
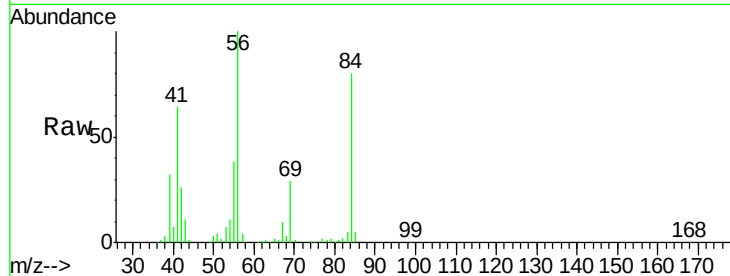




#19
Cyclohexane
Concen: 8.448 ug/l m
RT: 5.40 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

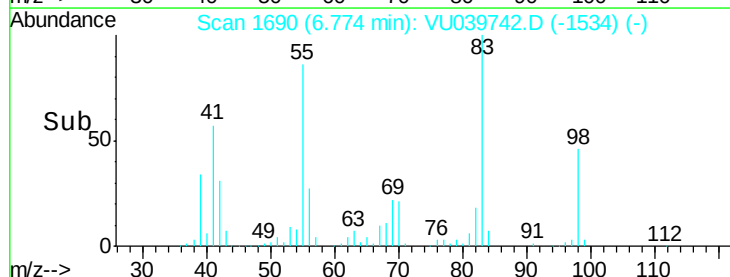
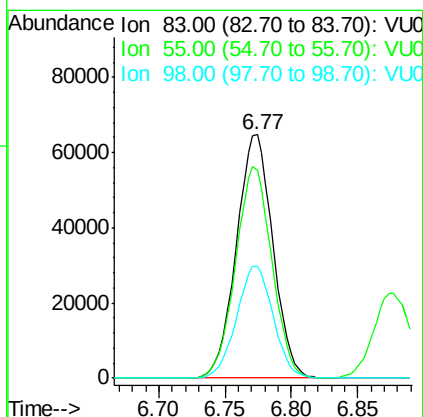
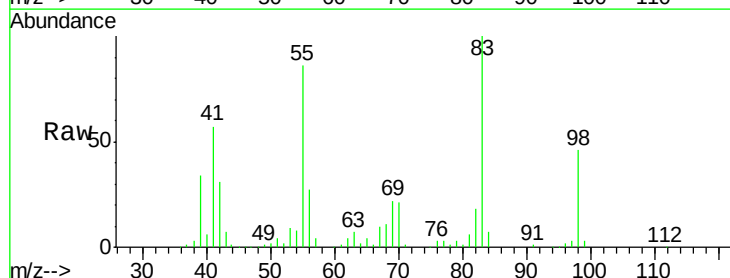
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

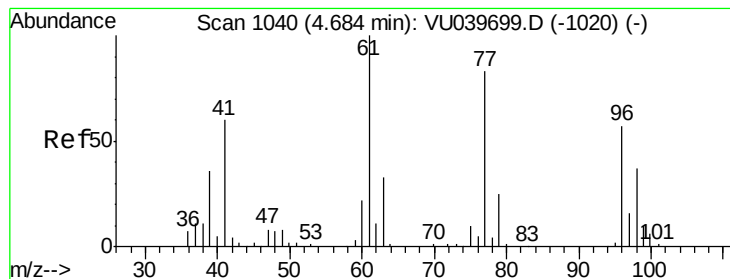
Tot Ion: 56 Resp: 131489
Ion Ratio Lower Upper
56 100
69 28.3 22.8 34.2
84 77.4 59.9 89.9



#20
Methylcyclohexane
Concen: 10.745 ug/l
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 83 Resp: 123926
Ion Ratio Lower Upper
83 100
55 85.9 67.6 101.4
98 46.0 37.3 55.9





#21

2,2-Dichloropropane

Concen: 8.703 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

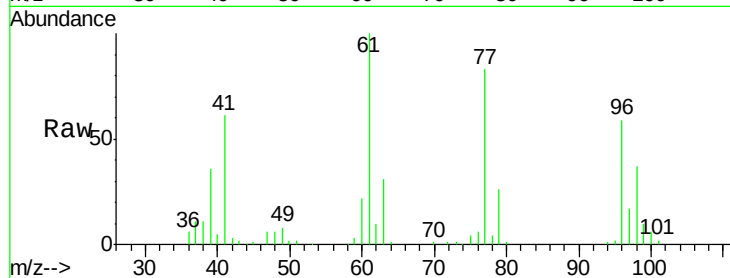
VSTDCCC010

Tot Ion: 77 Resp: 114164

Ion Ratio Lower Upper

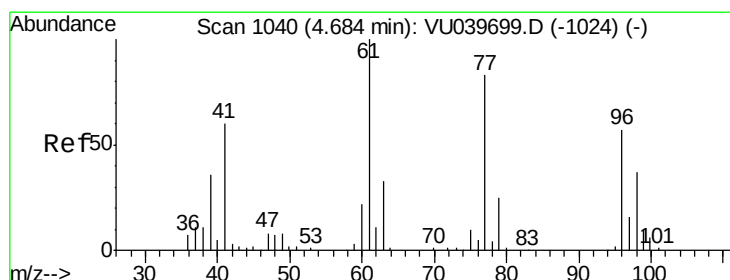
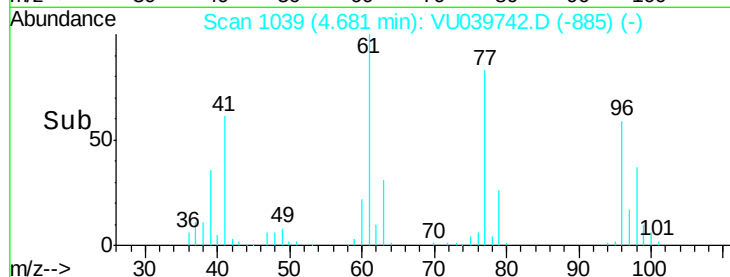
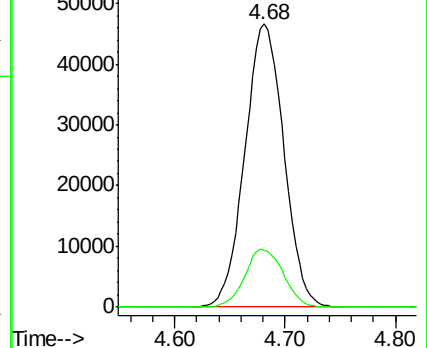
77 100

97 20.3 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: 9.364 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

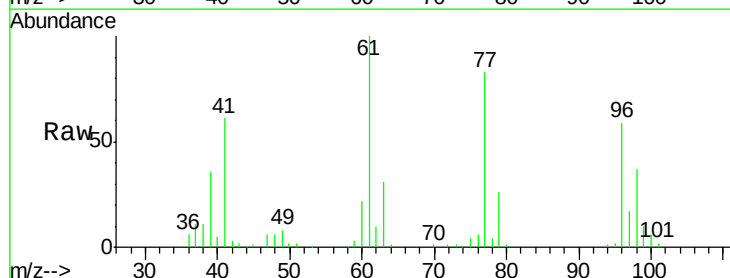
Tgt Ion: 96 Resp: 73915

Ion Ratio Lower Upper

96 100

61 173.2 0.0 451.3

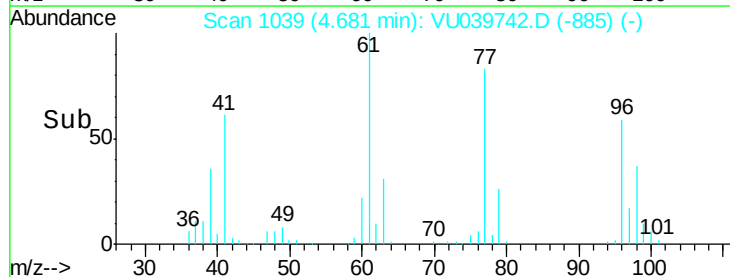
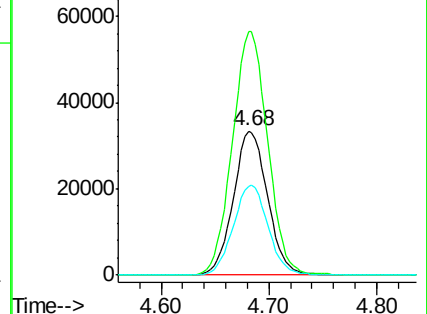
98 63.4 32.6 98.0

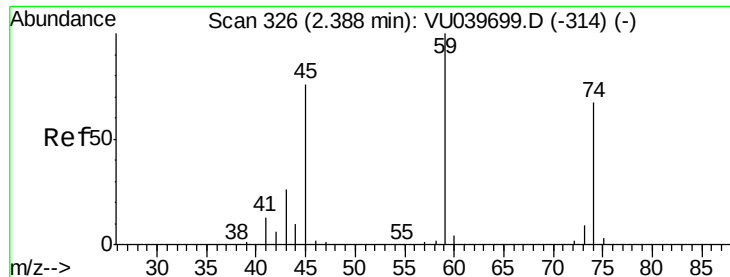


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-1024) (-)

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

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

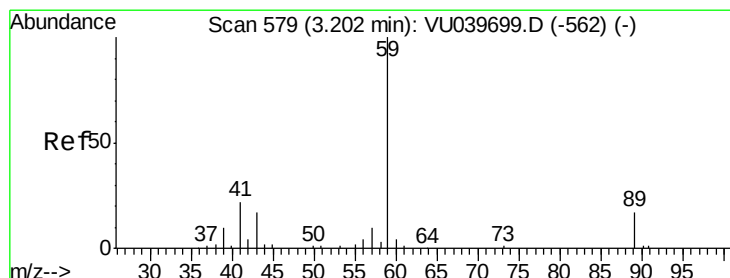
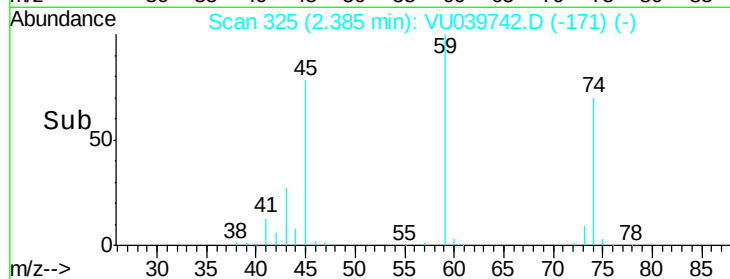
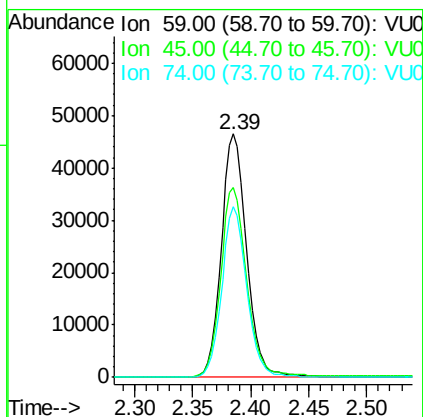
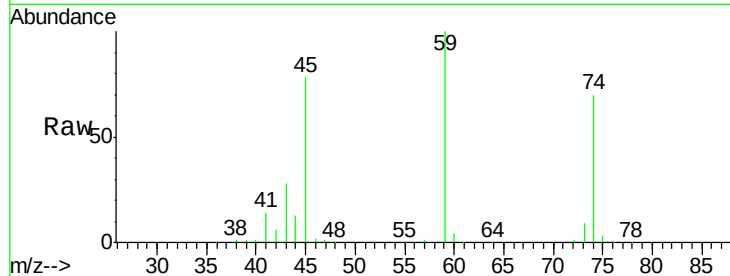




#23
Diethyl Ether
Concen: 10.729 ug/l
RT: 2.39 min Scan# 325
Delta R.T. -0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

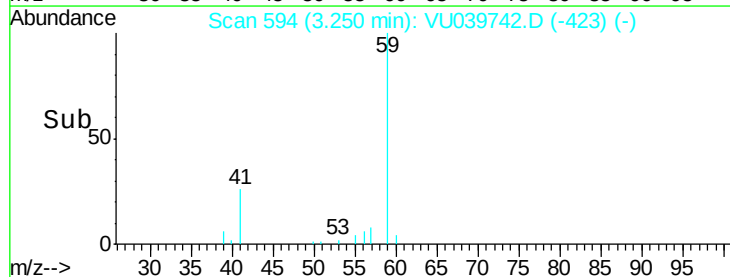
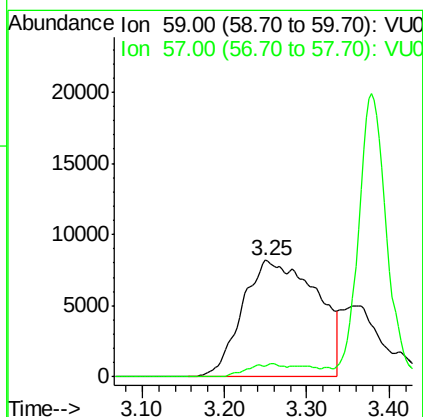
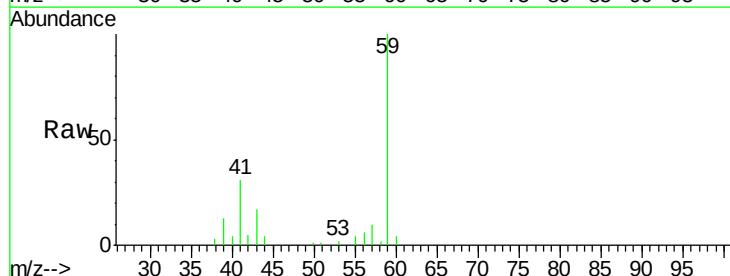
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

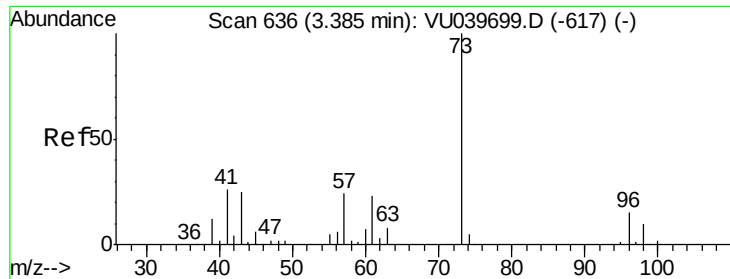
Tot Ion: 59 Resp: 70658
Ion Ratio Lower Upper
59 100
45 81.2 61.5 92.3
74 69.2 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 62.799 ug/l m
RT: 3.25 min Scan# 594
Delta R.T. 0.05 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 59 Resp: 51661
Ion Ratio Lower Upper
59 100
57 3.0 7.8 11.6#



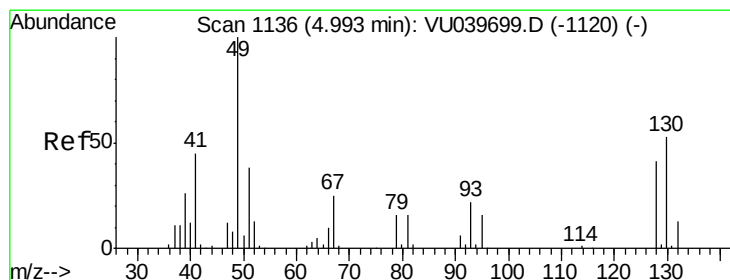
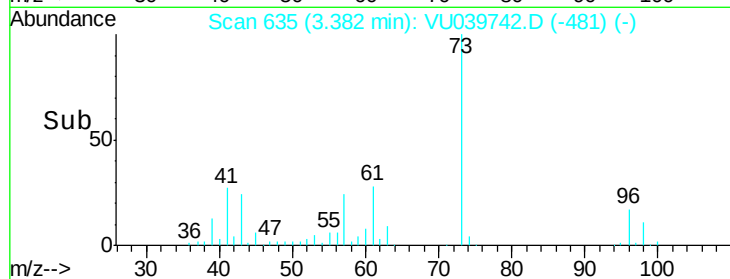
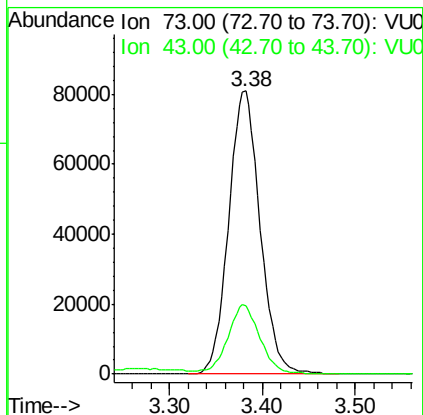
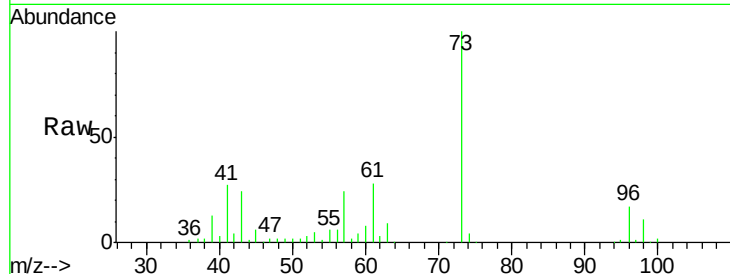


#25

Methyl tert-Butyl Ether
 Concen: 9.038 ug/l
 RT: 3.38 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

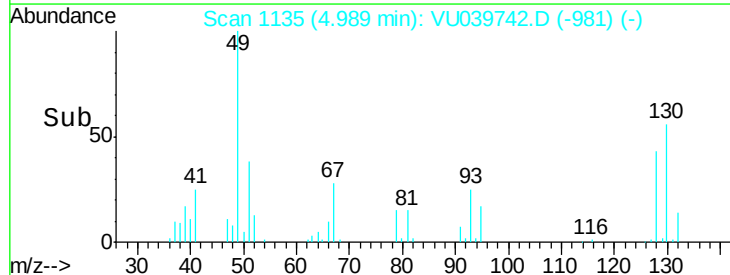
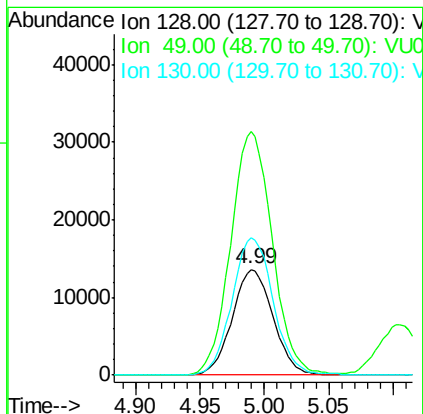
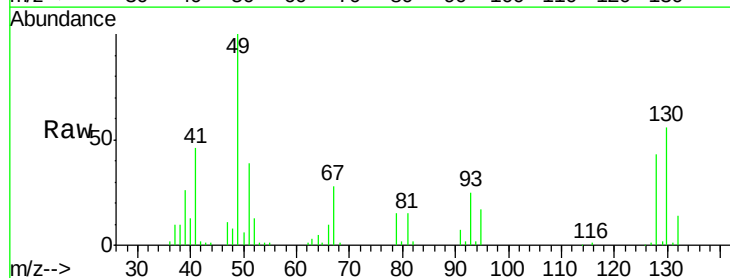
Tot Ion: 73 Resp: 189952
 Ion Ratio Lower Upper
 73 100
 43 24.9 20.1 30.1

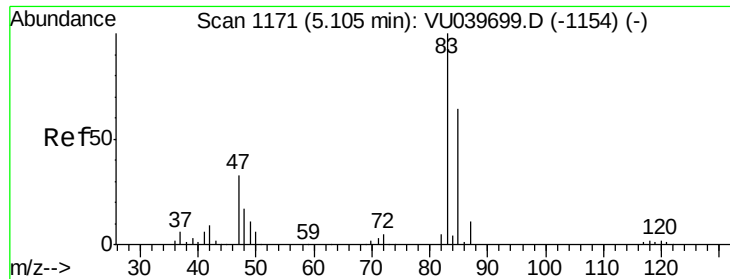


#26

Bromochloromethane
 Concen: 9.289 ug/l
 RT: 4.99 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 128 Resp: 30000
 Ion Ratio Lower Upper
 128 100
 49 234.2 0.0 503.8
 130 131.2 102.7 154.1

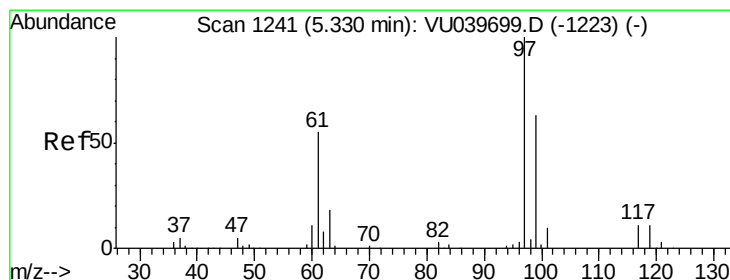
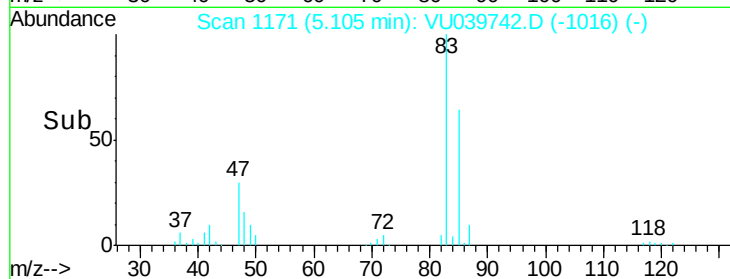
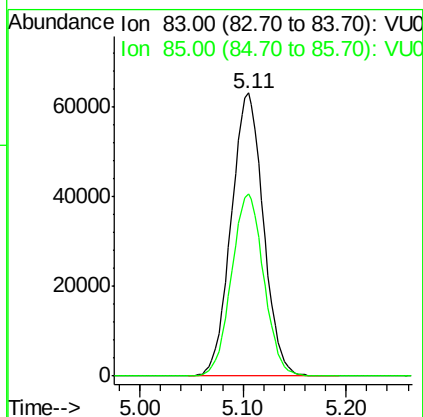
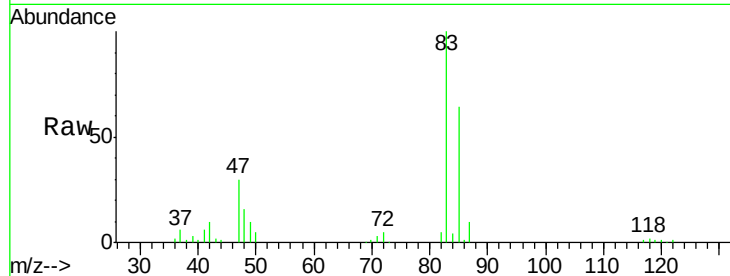




#27
Chloroform
Concen: 9.106 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

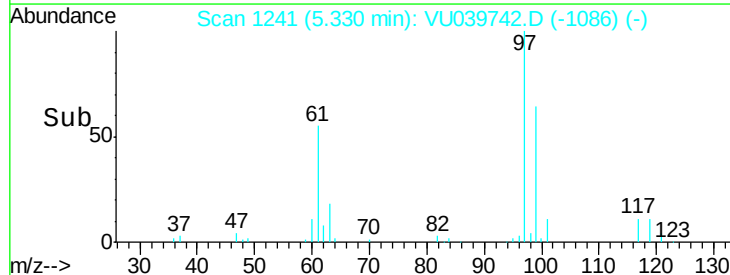
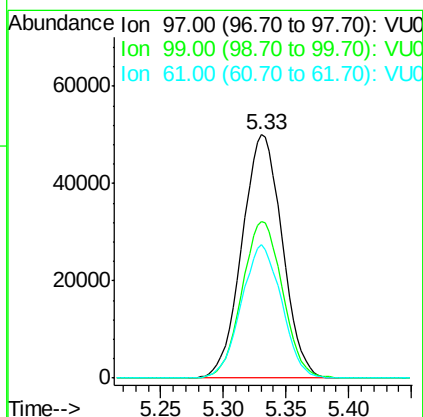
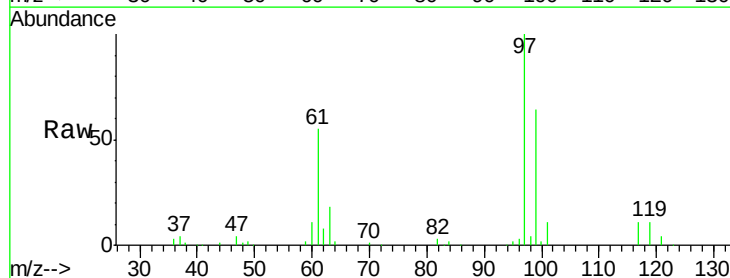
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

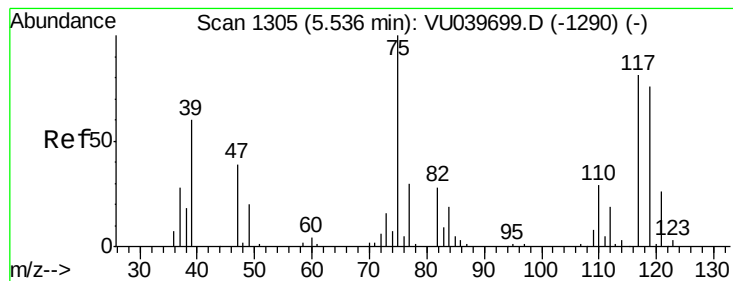
Tot Ion: 83 Resp: 137036
Ion Ratio Lower Upper
83 100
85 64.4 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 9.183 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 97 Resp: 111820
Ion Ratio Lower Upper
97 100
99 64.8 32.2 96.6
61 54.8 28.3 85.0





#29

1,1-Dichloropropene

Concen: 8.983 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

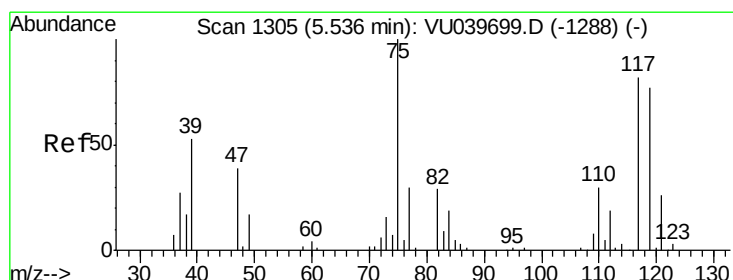
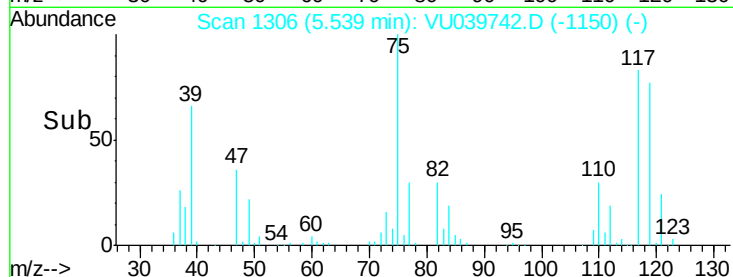
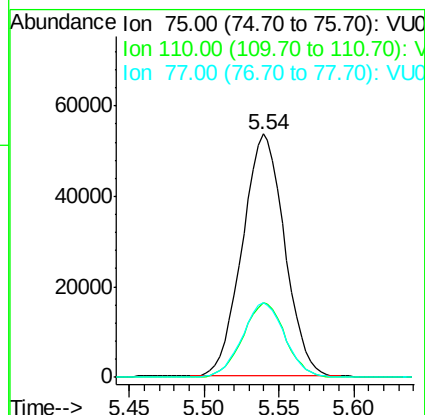
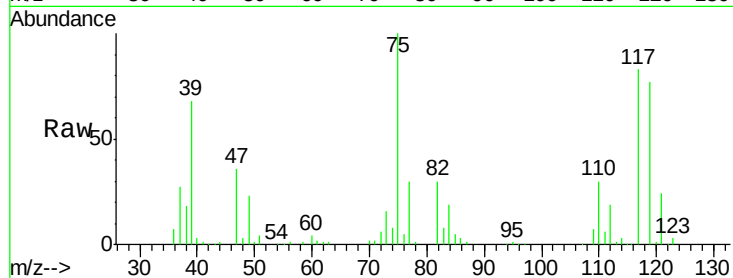
Tot Ion: 75 Resp: 105335

Ion Ratio Lower Upper

75 100

110 30.9 14.6 44.0

77 31.2 25.0 37.4



#30

Carbon Tetrachloride

Concen: 9.620 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

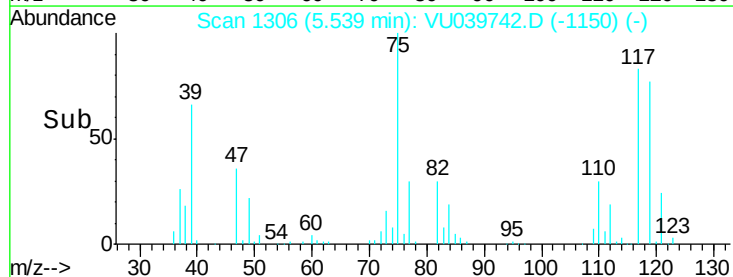
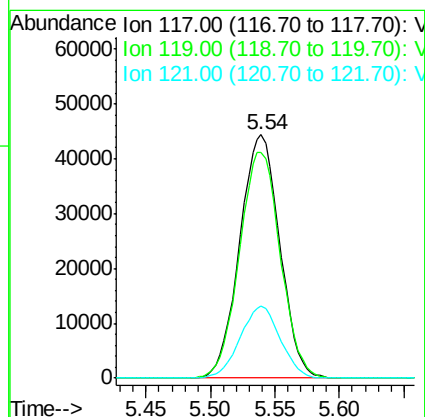
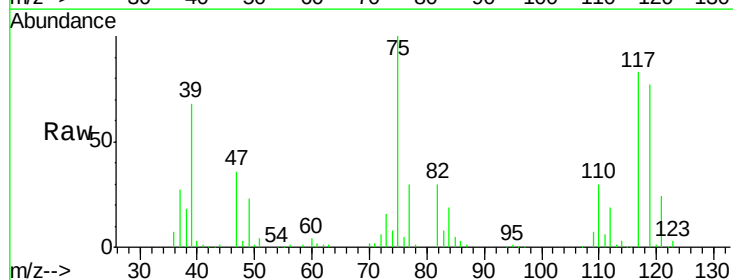
Tgt Ion: 117 Resp: 95789

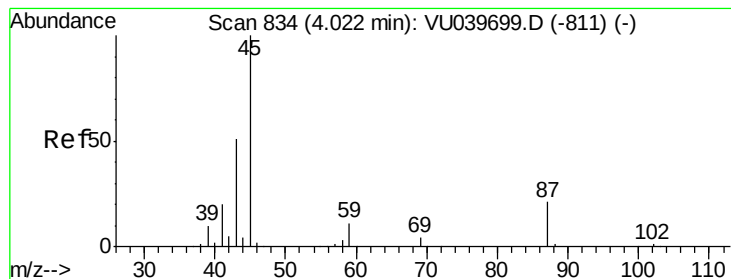
Ion Ratio Lower Upper

117 100

119 92.9 75.2 112.8

121 29.4 25.4 38.2





#31

Isopropyl Ether

Concen: 8.741 ug/l

RT: 4.01 min Scan# 831

Delta R.T. -0.01 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

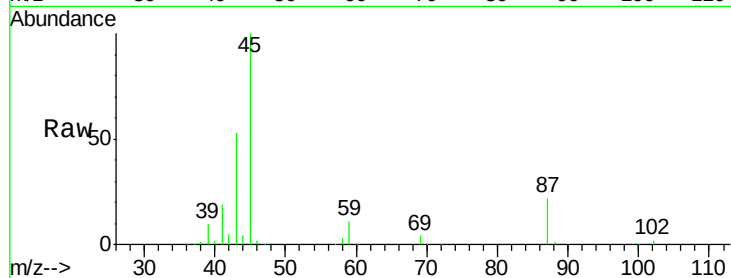
VSTDCCC010

Tot Ion: 45 Resp: 256361

Ion Ratio Lower Upper

45 100

43 53.1 26.5 79.4



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

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

4.01

100000

80000

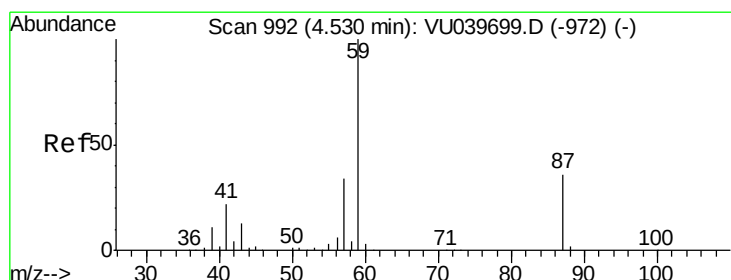
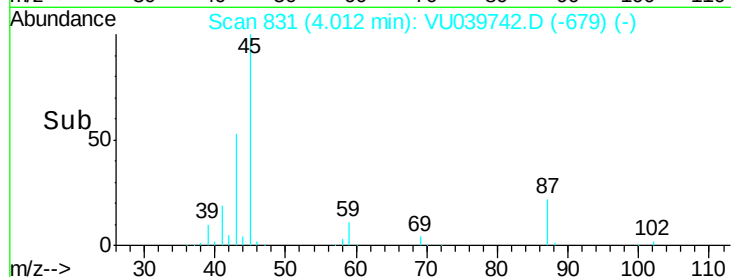
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 8.764 ug/l

RT: 4.52 min Scan# 989

Delta R.T. -0.01 min

Lab File: VU039742.D

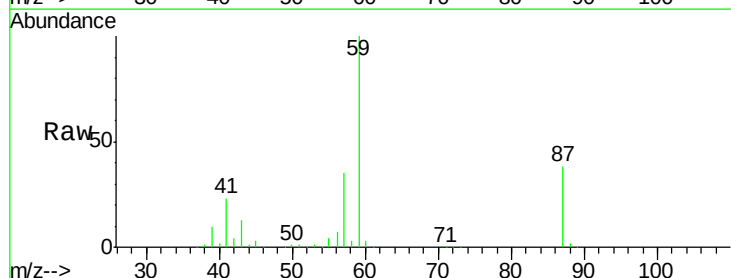
Acq: 05 Aug 2020 10:35

Tgt Ion: 59 Resp: 218745

Ion Ratio Lower Upper

59 100

87 38.3 29.4 44.0



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

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

4.52

100000

80000

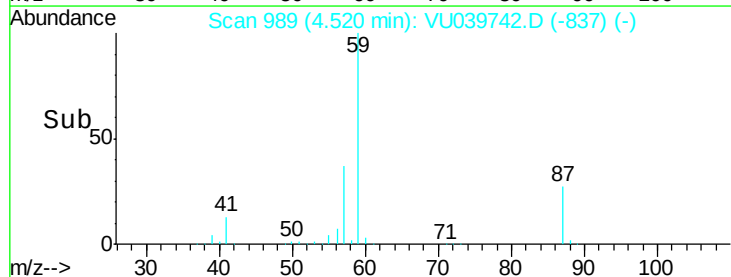
60000

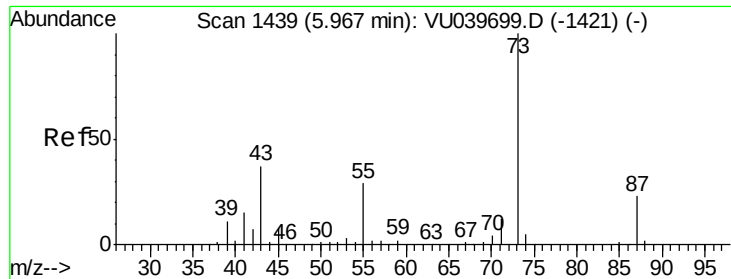
40000

20000

0

Time-->

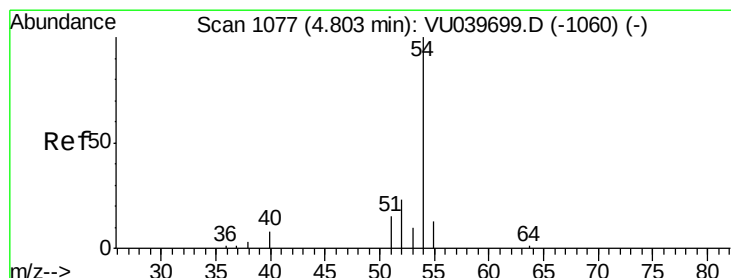
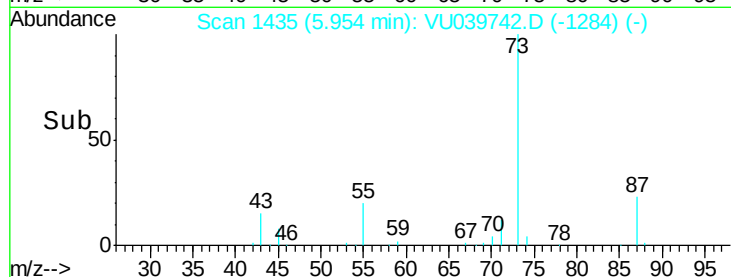
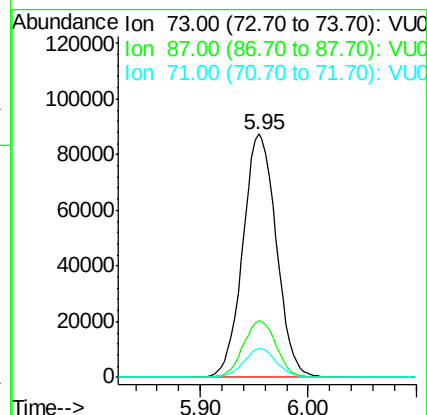
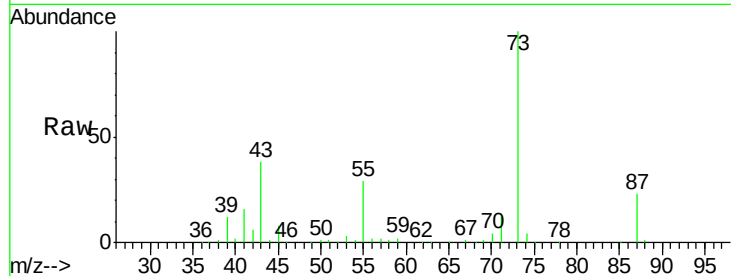




#33
Tert-Amvl methvl ether
Concen: 10.426 ug/l
RT: 5.95 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

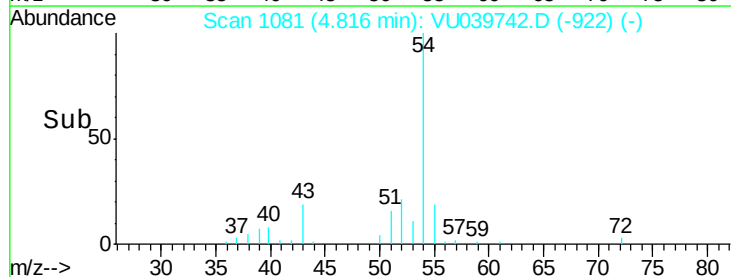
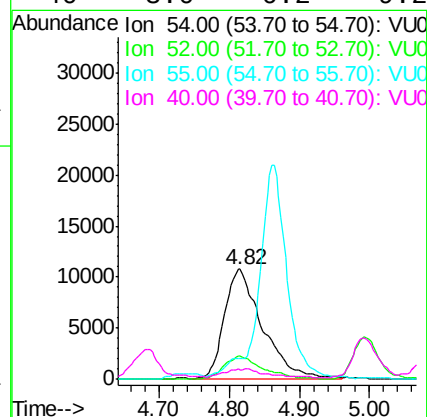
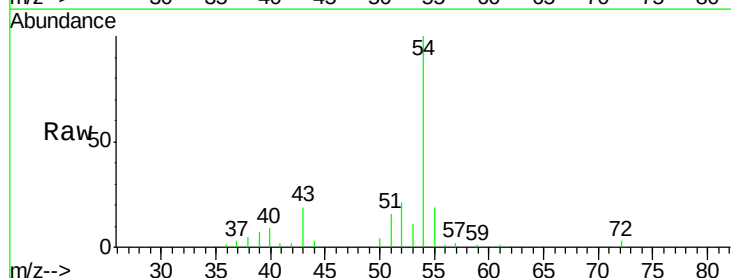
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

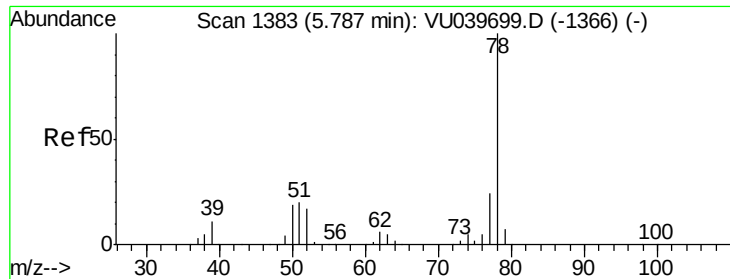
Tot Ion: 73 Resp: 187608
Ion Ratio Lower Upper
73 100
87 23.1 18.7 28.1
71 11.6 9.1 13.7



#34
Propionitrile
Concen: 46.121 ug/l
RT: 4.82 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 54 Resp: 40700
Ion Ratio Lower Upper
54 100
52 20.7 16.9 25.3
55 142.6 12.9 19.3#
40 3.0 6.2 9.2#





#35

Benzene

Concen: 10.123 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

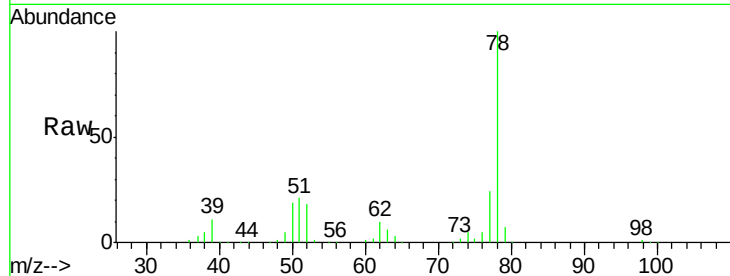
VSTDCCC010

Tot Ion: 78 Resp: 293615

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1366) (-)

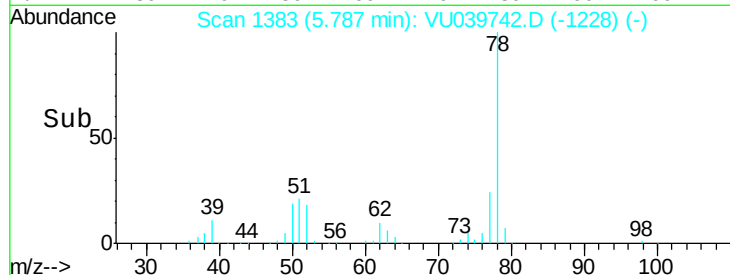
150000

100000

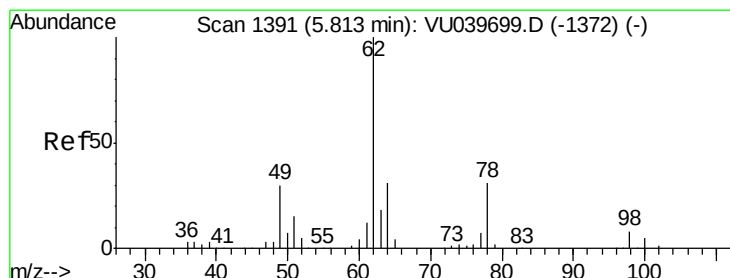
50000

0

5.70 5.75 5.80 5.85



Time-->



#36

1,2-Dichloroethane

Concen: 9.836 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU039742.D

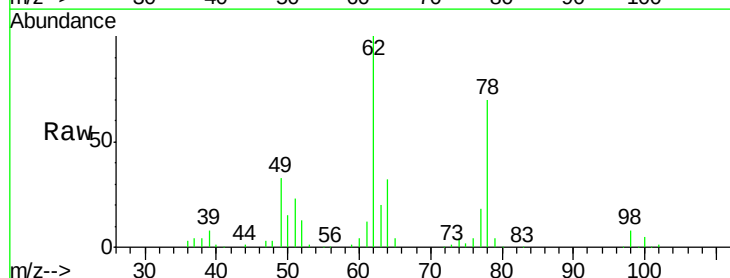
Acq: 05 Aug 2020 10:35

Tgt Ion: 62 Resp: 106952

Ion Ratio Lower Upper

62 100

98 7.5 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-1372) (-)

60000

50000

40000

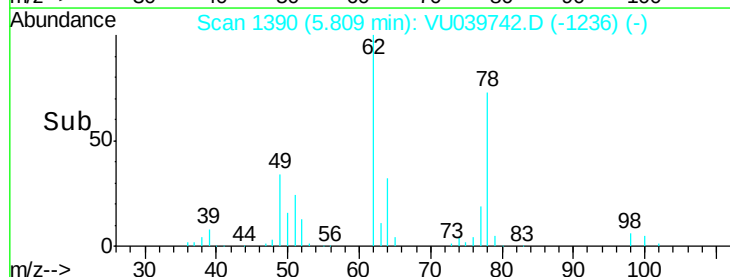
30000

20000

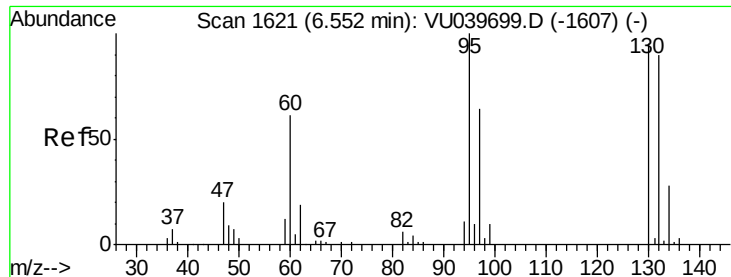
10000

0

5.70 5.80 5.90



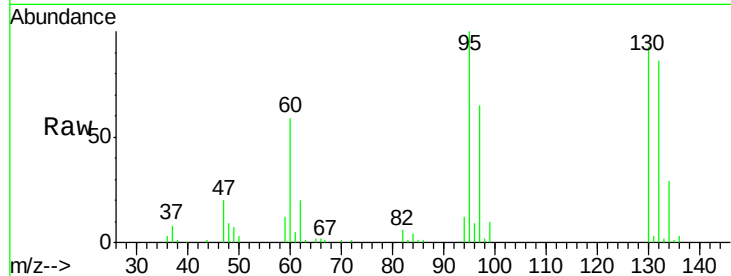
Time-->



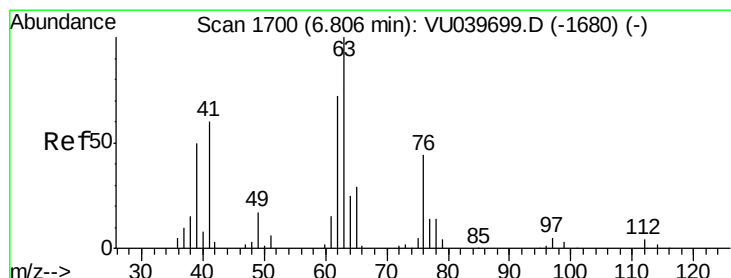
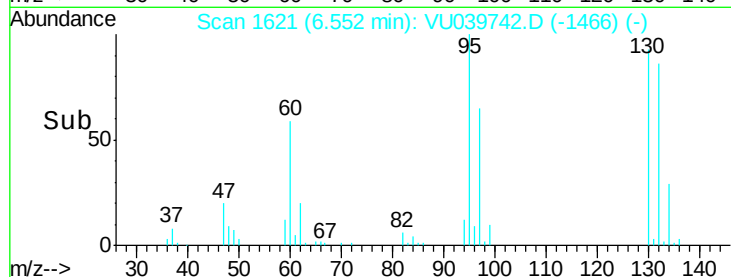
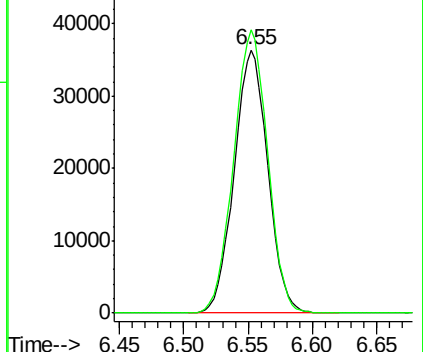
#37
 Trichloroethene
 Concen: 9.938 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:130 Resp: 65956
 Ion Ratio Lower Upper
 130 100
 95 107.6 84.3 126.5

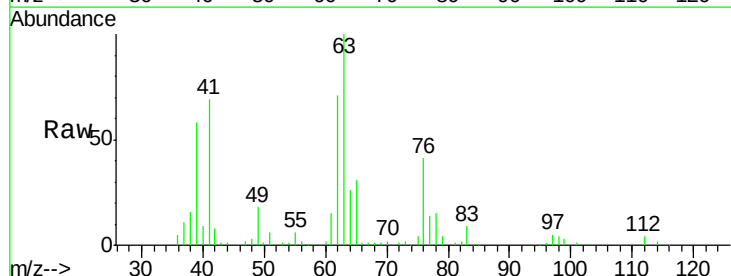


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

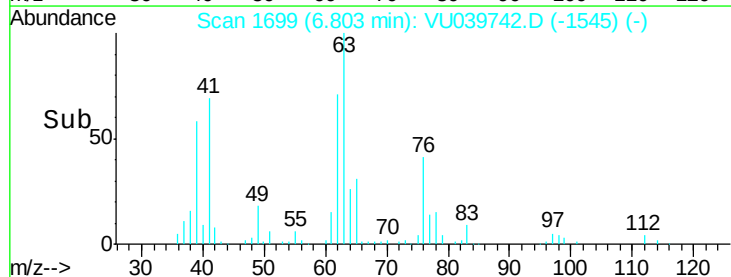
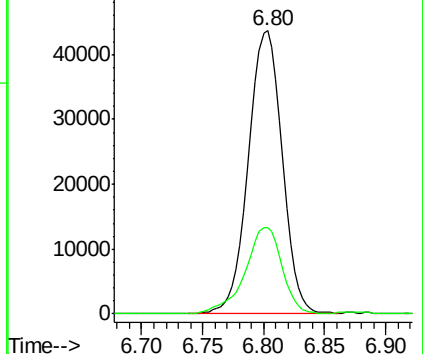


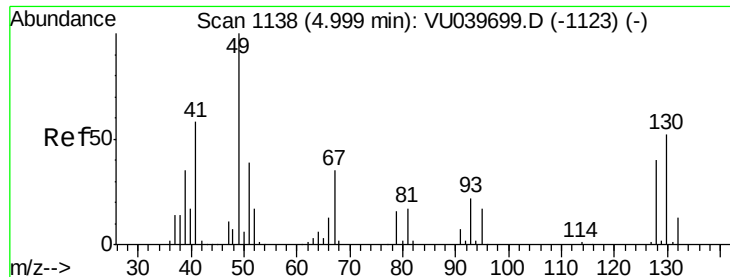
#38
 1,2-Dichloropropane
 Concen: 10.469 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 63 Resp: 83695
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.8 35.6



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

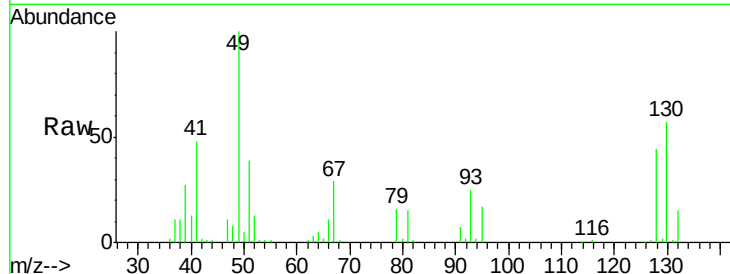




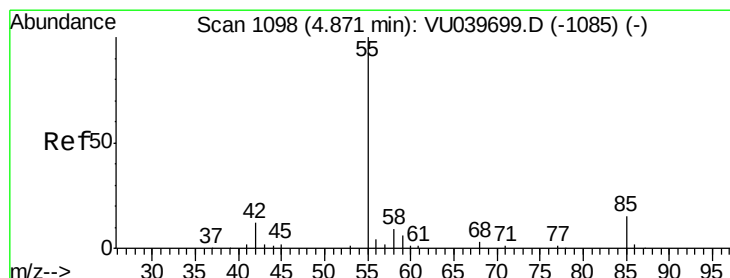
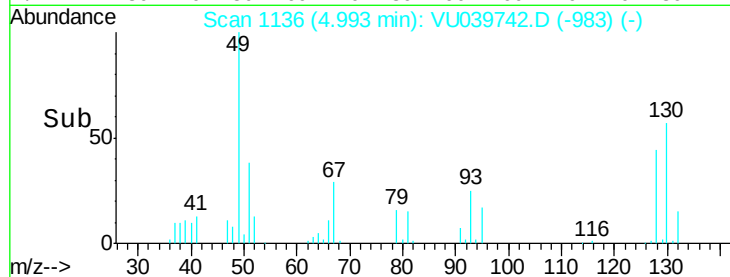
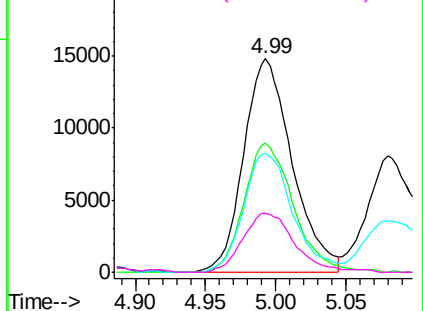
#39
Methacrylonitrile
Concen: 7.682 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.01 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:	41	Resp:	35724
Ion	Ratio	Lower	Upper
41	100		
67	61.4	48.3	72.5
39	56.6	47.6	71.4
52	29.2	23.9	35.9

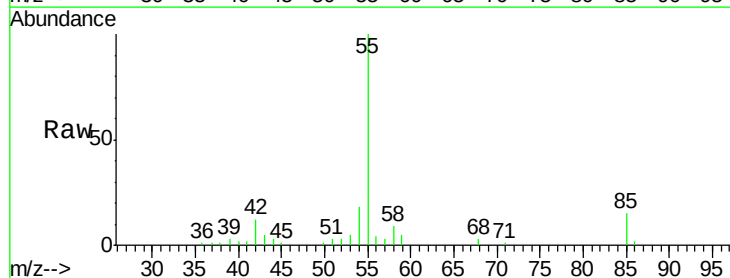


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

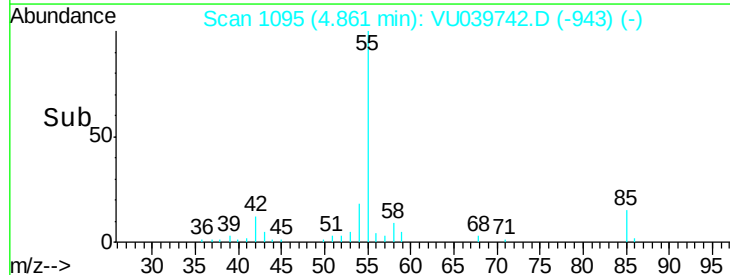
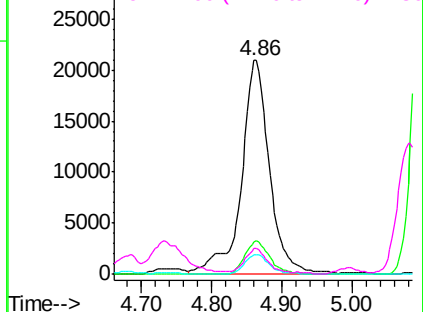


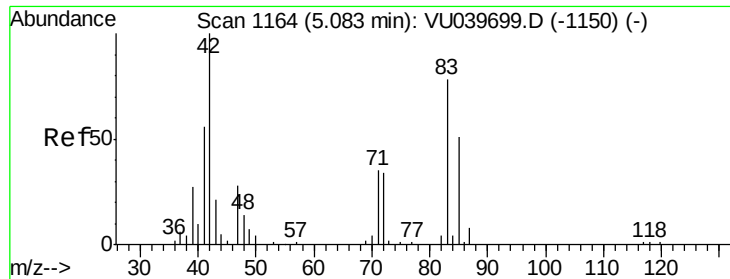
#40
Methyl acrylate
Concen: 9.676 ug/l
RT: 4.86 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

Tgt Ion:	55	Resp:	58027
Ion	Ratio	Lower	Upper
55	100		
85	13.5	11.4	17.0
58	7.8	7.4	11.0
42	8.8	10.3	15.5#



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

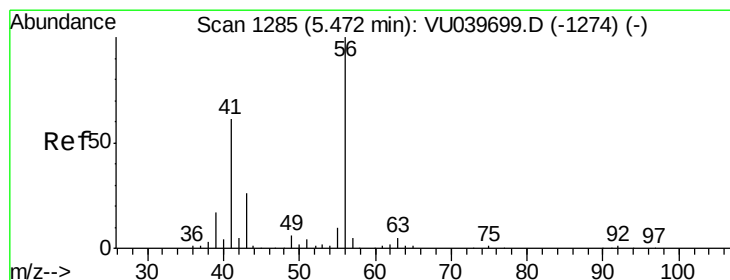
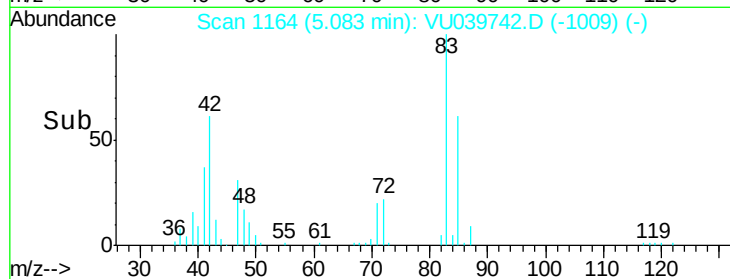
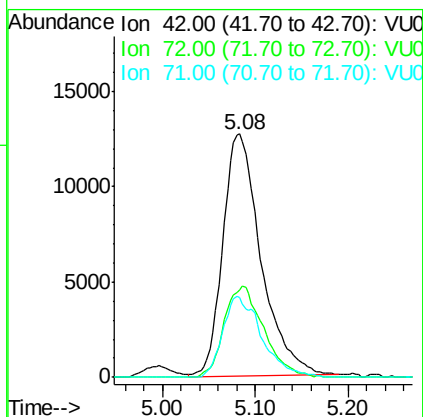
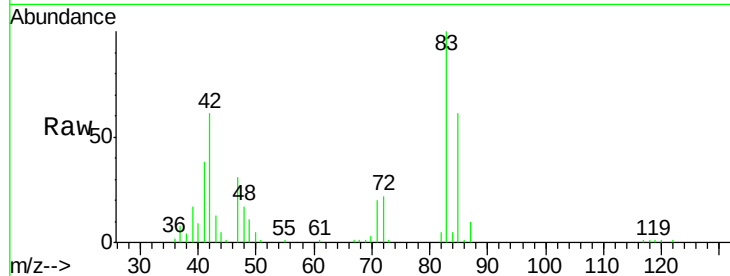




#41
Tetrahydrofuran
Concen: 15.426 ug/l
RT: 5.08 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

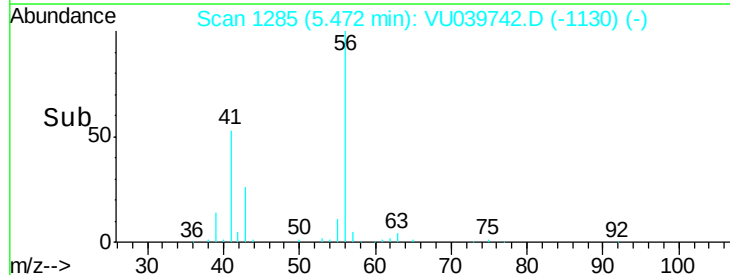
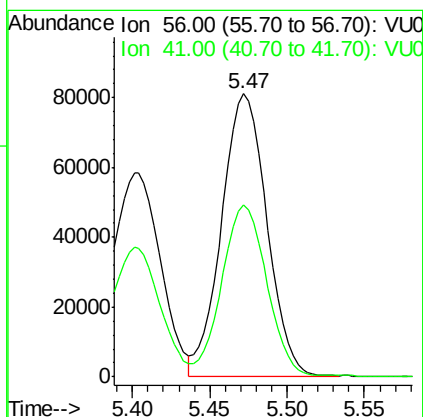
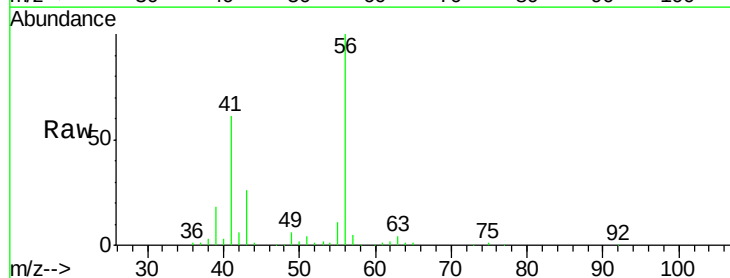
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

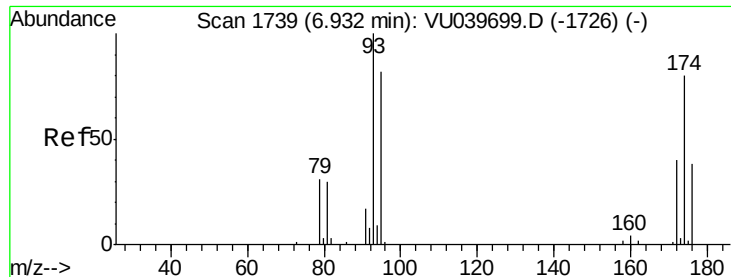
Tot Ion: 42 Resp: 36093
Ion Ratio Lower Upper
42 100
72 39.3 31.0 46.6
71 34.4 28.2 42.4



#42
1-Chlorobutane
Concen: 8.906 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 56 Resp: 163903
Ion Ratio Lower Upper
56 100
41 60.0 30.5 91.5





#43

Dibromomethane

Concen: 9.652 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

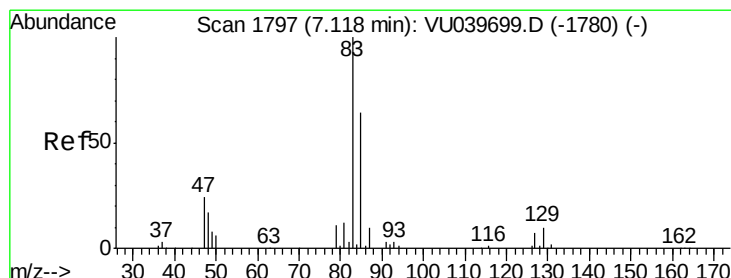
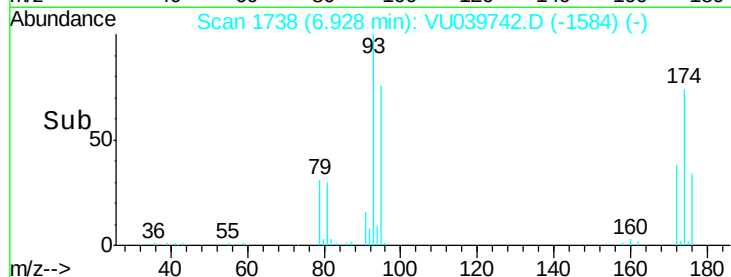
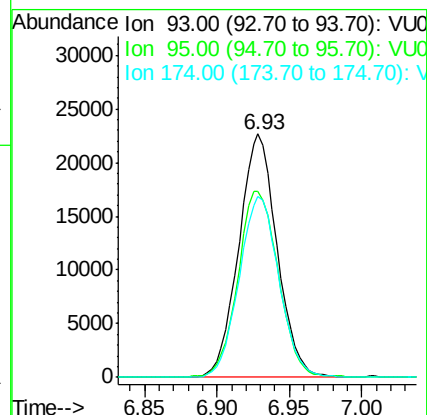
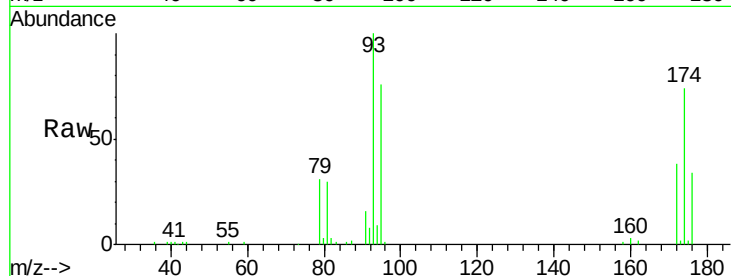
Tot Ion: 93 Resp: 41523

Ion Ratio Lower Upper

93 100

95 80.9 66.6 99.8

174 77.4 62.7 94.1



#44

Bromodichloromethane

Concen: 10.501 ug/l

RT: 7.11 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

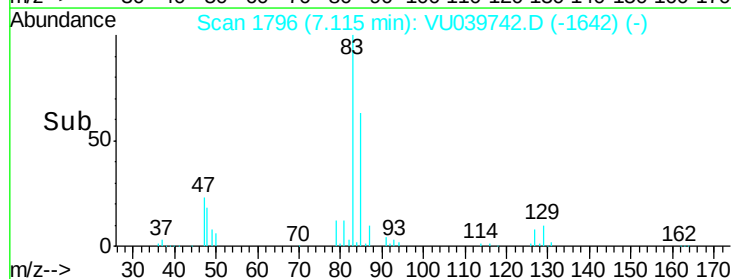
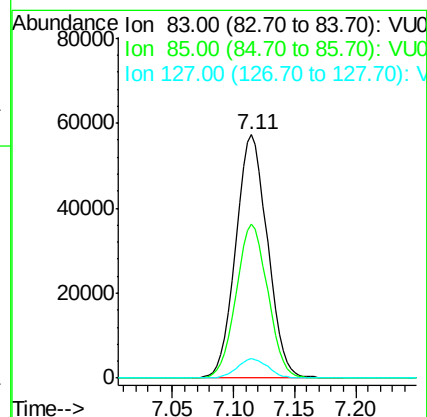
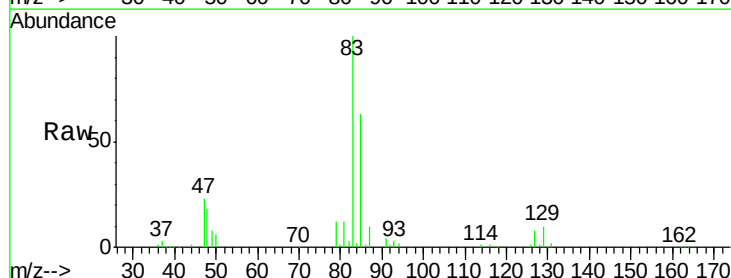
Tgt Ion: 83 Resp: 103577

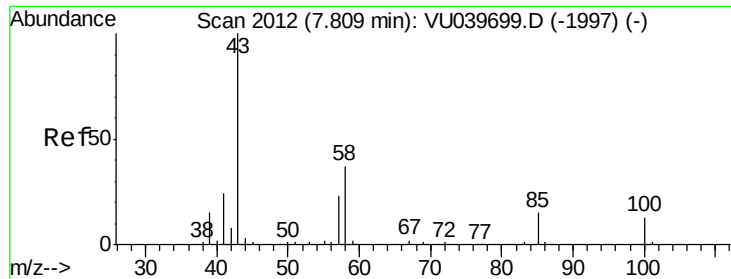
Ion Ratio Lower Upper

83 100

85 63.3 50.8 76.2

127 7.8 5.8 8.6





#45

4-Methyl-2-Pentanone

Concen: 52.106 ug/l

RT: 7.80 min Scan# 2009

Delta R.T. -0.01 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

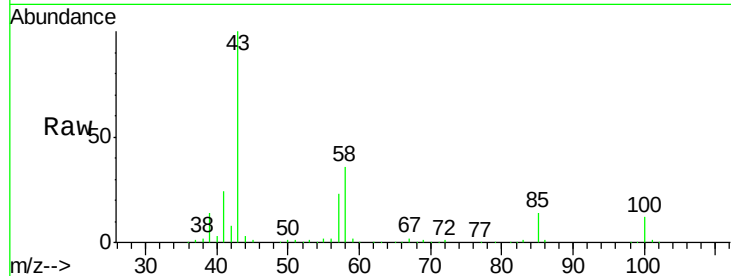
Tot Ion: 43 Resp: 339567

Ion Ratio Lower Upper

43 100

58 36.0 18.4 55.0

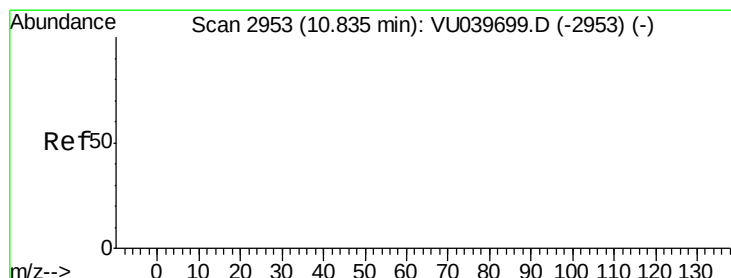
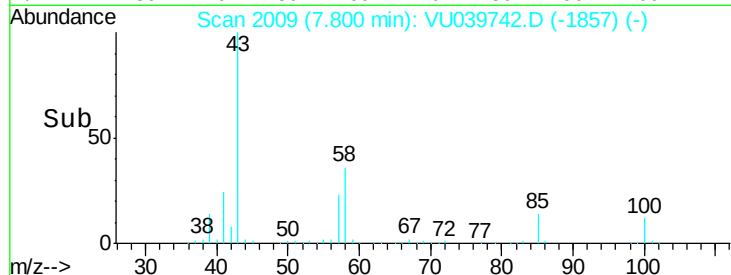
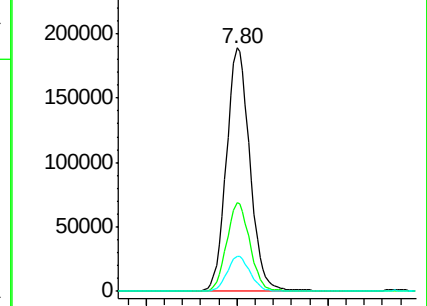
85 14.2 11.8 17.6



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

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

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



#46

t-1,4-Dichloro-2-butene

Concen: 18.761 ug/l m

RT: 10.83 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Tgt Ion: 75 Resp: 36364

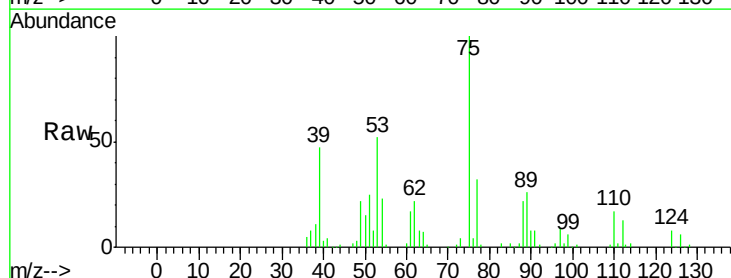
Ion Ratio Lower Upper

75 100

53 112.1 78.6 118.0

89 56.9 40.3 60.5

88 48.5 34.0 51.0

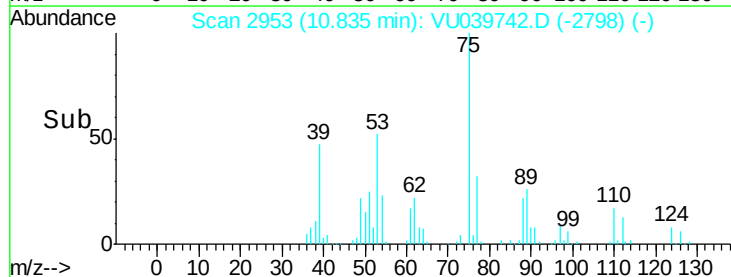
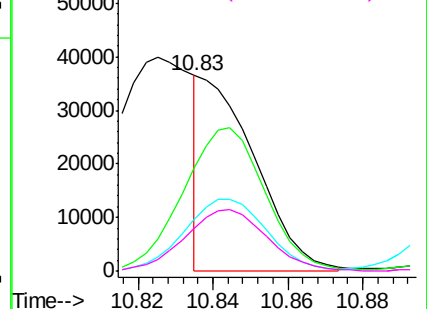


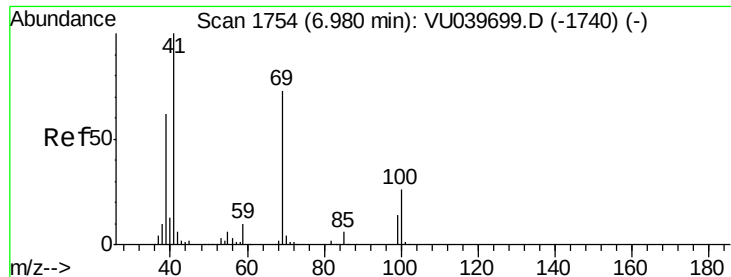
Abundance Ion 74.90 (74.60 to 75.60): VU039699.D (-2953) (-)

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

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

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





#47

Methyl methacrylate

Concen: 21.169 ug/l

RT: 6.97 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 69 Resp: 84941

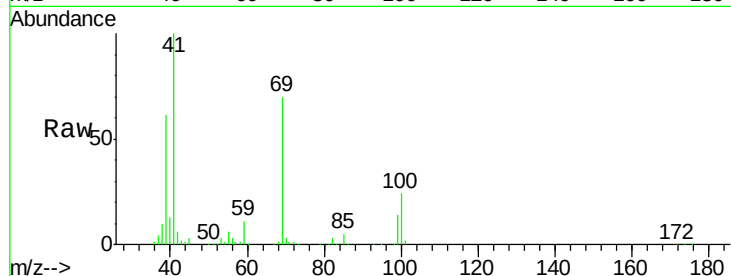
Ion Ratio Lower Upper

69 100

41 139.2 0.0 271.6

39 84.4 67.4 101.2

100 33.8 28.3 42.5

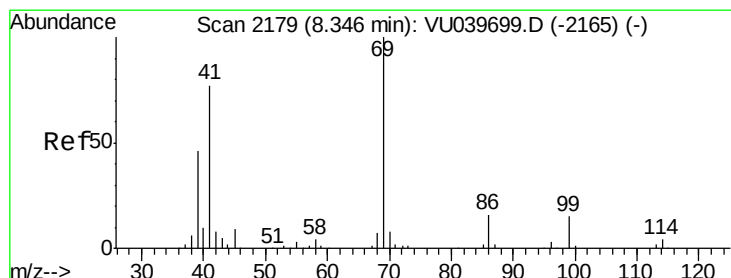
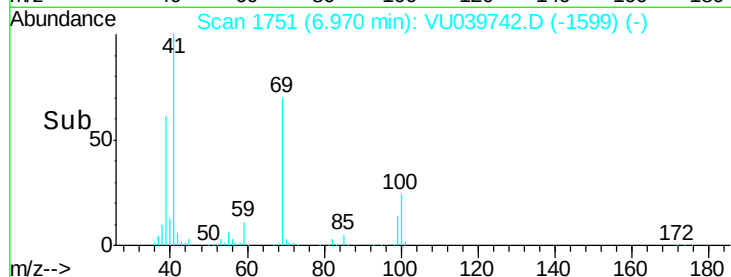
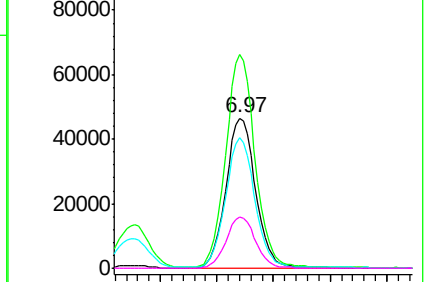


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 10.590 ug/l

RT: 8.34 min Scan# 2177

Delta R.T. -0.01 min

Lab File: VU039742.D

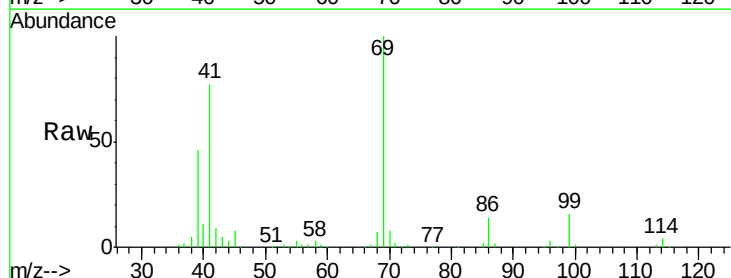
Acq: 05 Aug 2020 10:35

Tgt Ion: 69 Resp: 78207

Ion Ratio Lower Upper

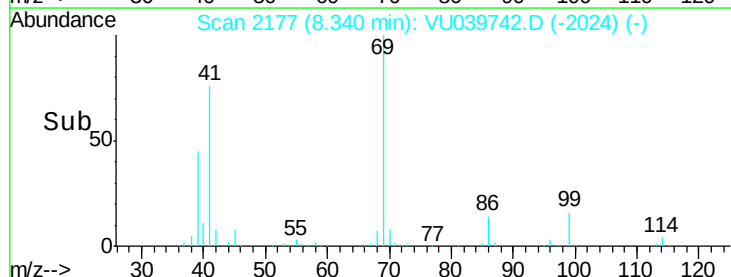
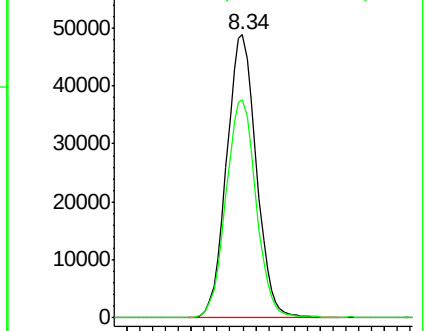
69 100

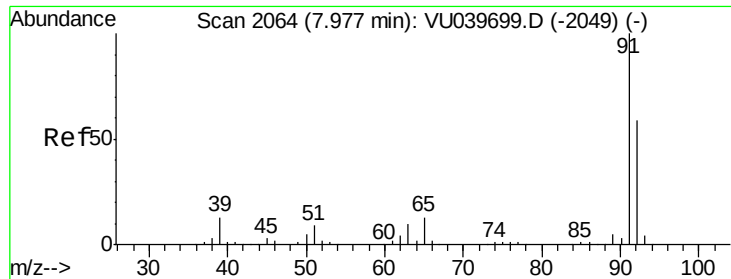
41 78.3 39.1 117.5



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.447 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

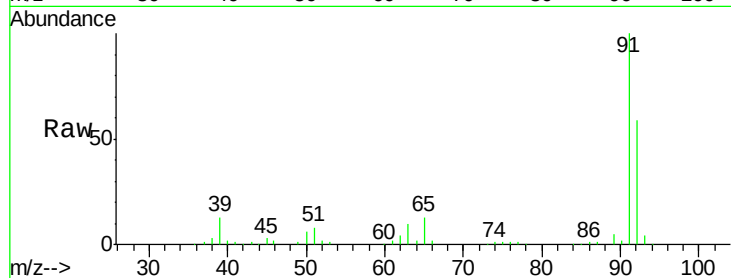
VSTDCCC010

Tot Ion: 92 Resp: 180362

Ion Ratio Lower Upper

92 100

91 168.0 136.1 204.1



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

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

200000

150000

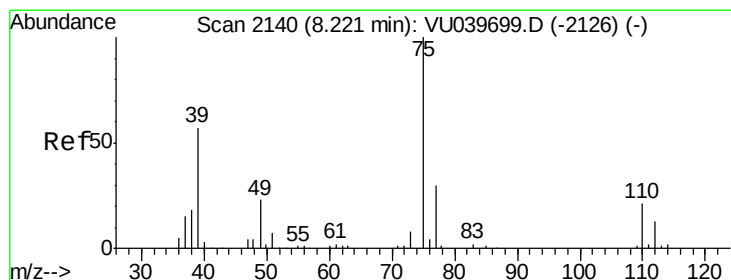
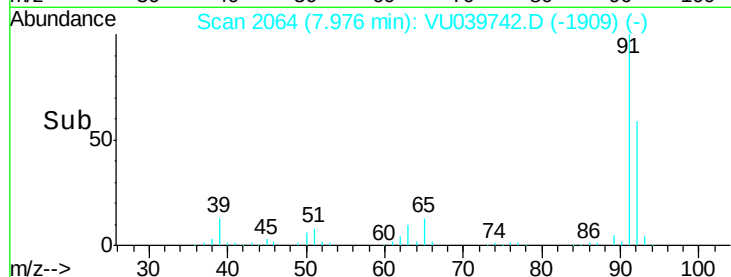
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#50

t-1,3-Dichloropropene

Concen: 11.271 ug/l

RT: 8.21 min Scan# 2138

Delta R.T. -0.01 min

Lab File: VU039742.D

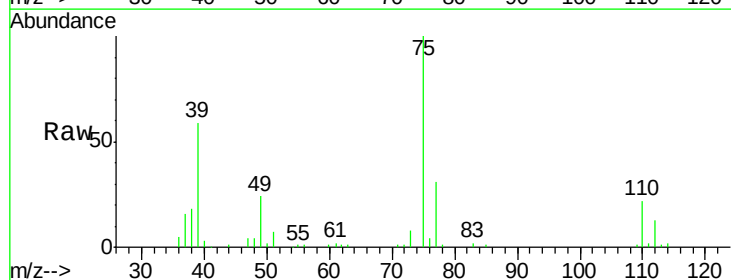
Acq: 05 Aug 2020 10:35

Tgt Ion: 75 Resp: 100126

Ion Ratio Lower Upper

75 100

77 31.4 24.3 36.5



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

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

60000

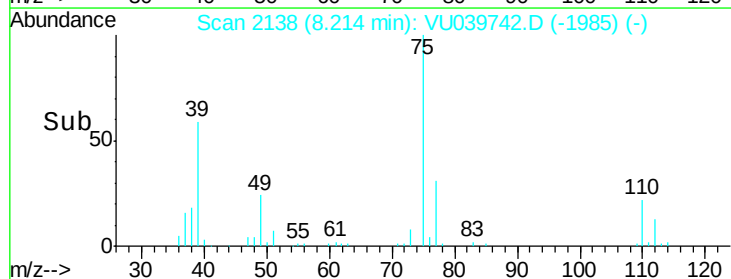
40000

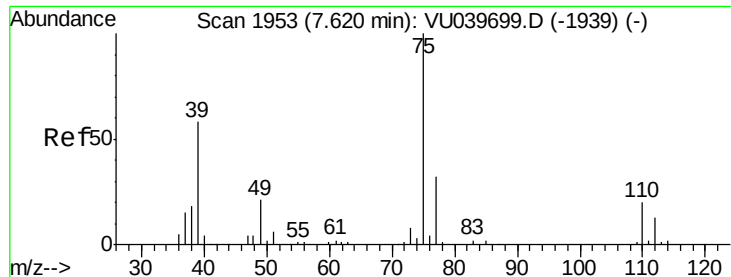
20000

0

8.15 8.20 8.25 8.30

Time-->



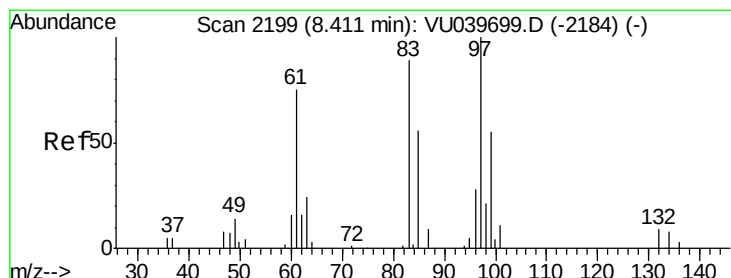
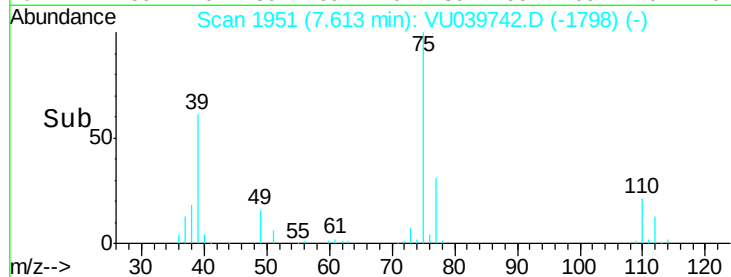
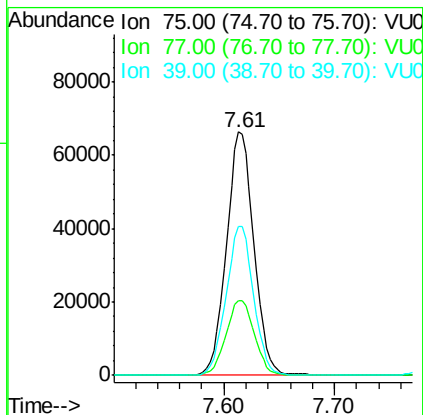
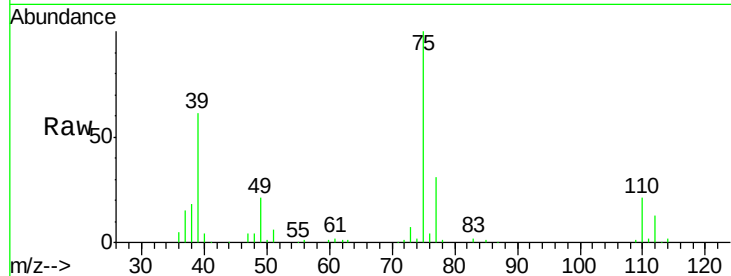


#51

cis-1,3-Dichloropropene
 Concen: 10.952 ug/l
 RT: 7.61 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

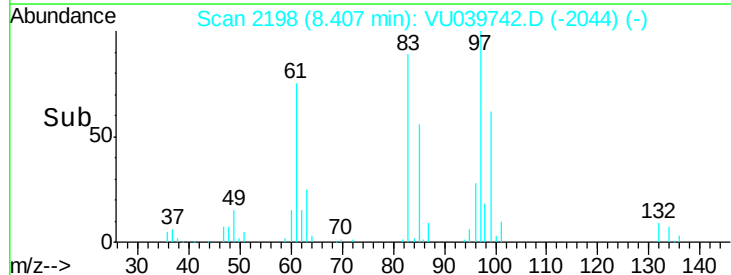
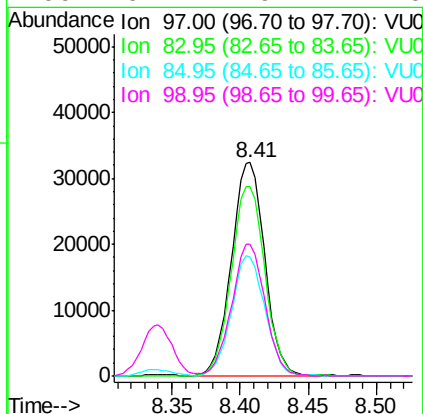
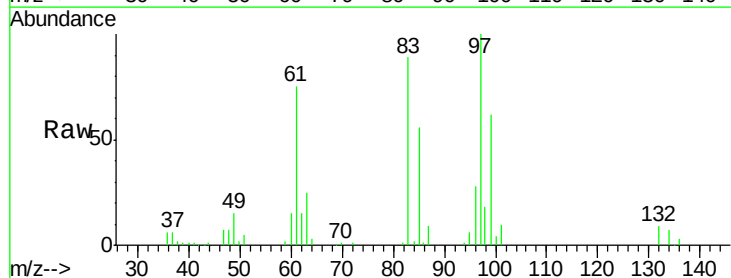
Tot Ion: 75 Resp: 114358
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5
 39 61.1 46.1 69.1

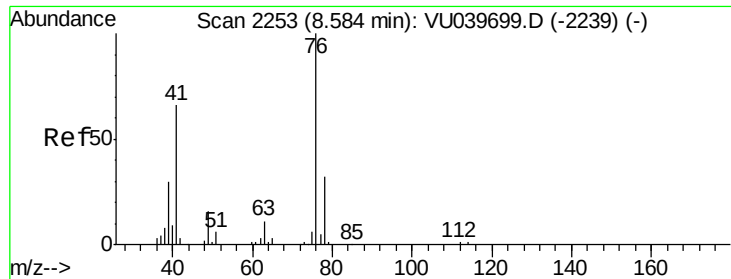


#52

1,1,2-Trichloroethane
 Concen: 9.859 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 97 Resp: 55106
 Ion Ratio Lower Upper
 97 100
 83 89.0 71.3 106.9
 85 55.8 45.4 68.2
 99 61.7 49.4 74.0





#53

1,3-Dichloropropane

Concen: 9.934 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

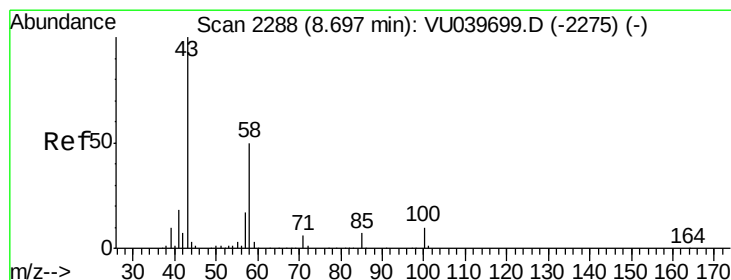
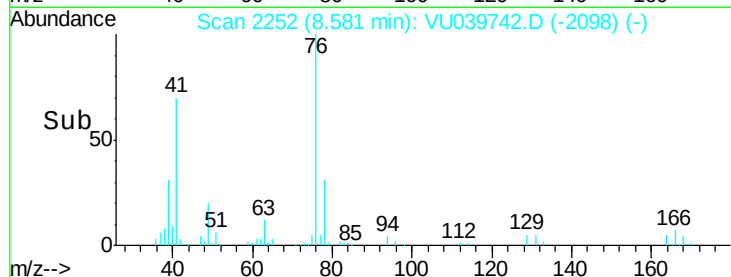
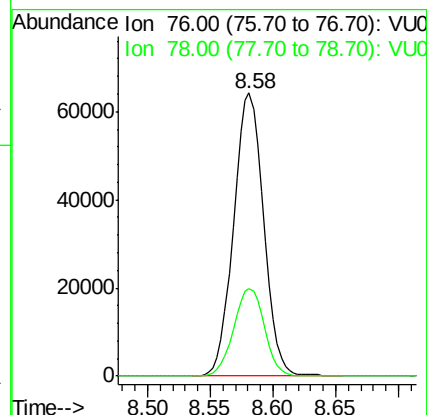
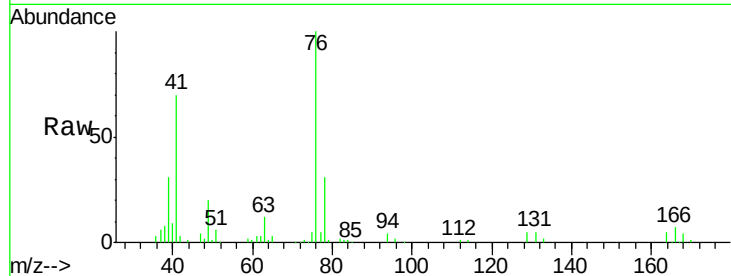
VSTDCCC010

Tot Ion: 76 Resp: 106620

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



#54

2-Hexanone

Concen: 53.234 ug/l

RT: 8.69 min Scan# 2286

Delta R.T. -0.01 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

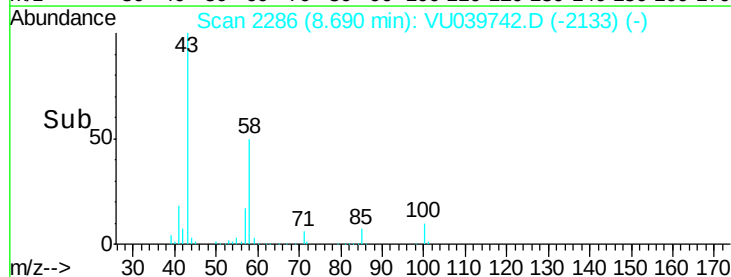
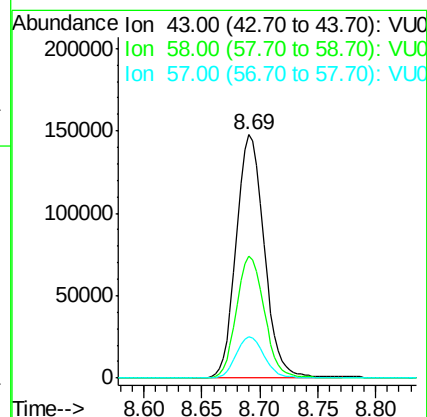
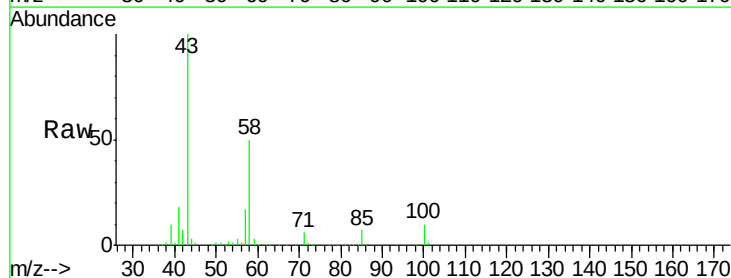
Tgt Ion: 43 Resp: 248385

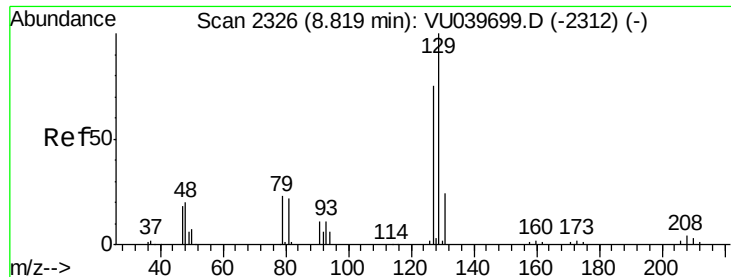
Ion Ratio Lower Upper

43 100

58 50.0 29.9 69.9

57 17.1 0.0 37.2





#55

Dibromochloromethane

Concen: 10.140 ug/l

RT: 8.81 min Scan# 2324

Delta R.T. -0.01 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

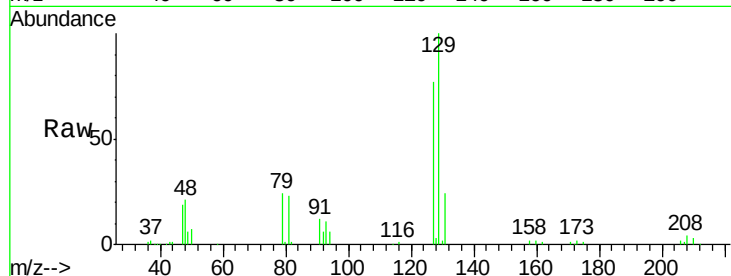
VSTDCCC010

Tot Ion:129 Resp: 60863

Ion Ratio Lower Upper

129 100

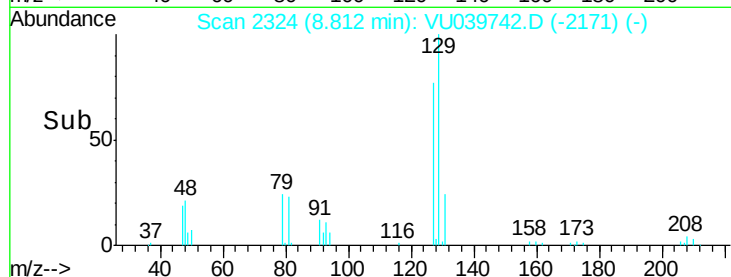
127 78.8 62.4 93.6



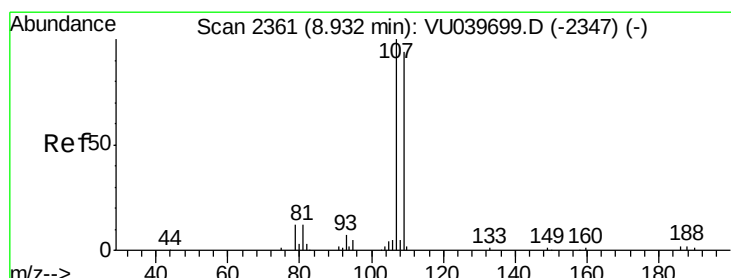
Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.81



Time-->



#56

1,2-Dibromoethane

Concen: 9.675 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU039742.D

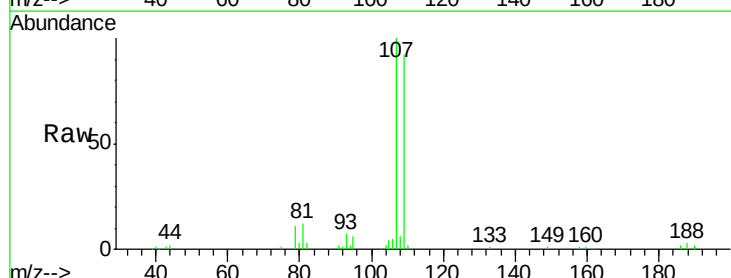
Acq: 05 Aug 2020 10:35

Tgt Ion:107 Resp: 52110

Ion Ratio Lower Upper

107 100

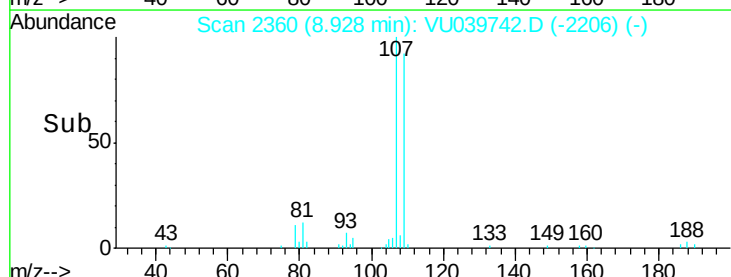
109 90.8 0.0 185.2



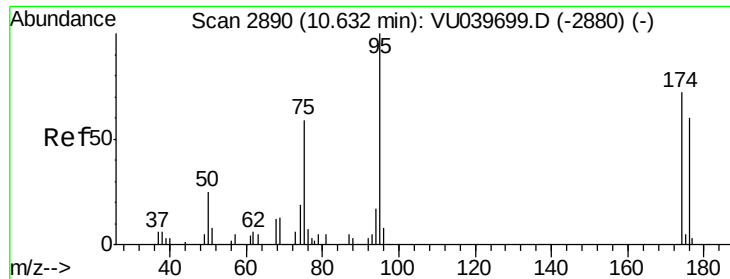
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.93



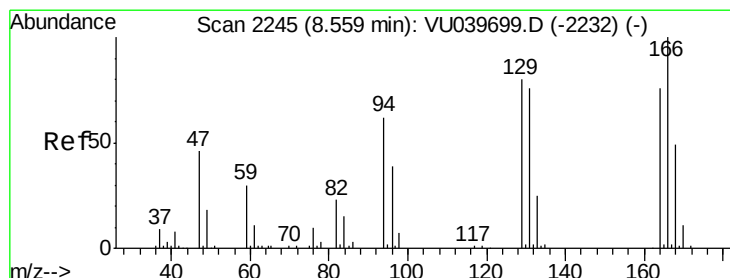
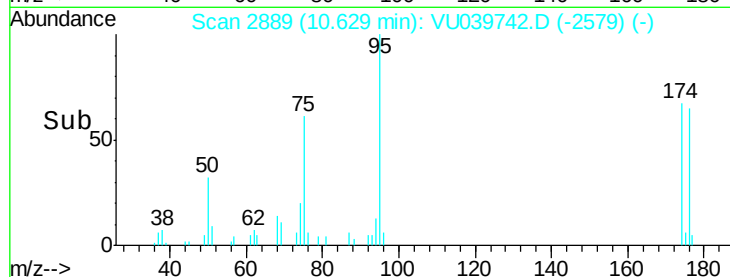
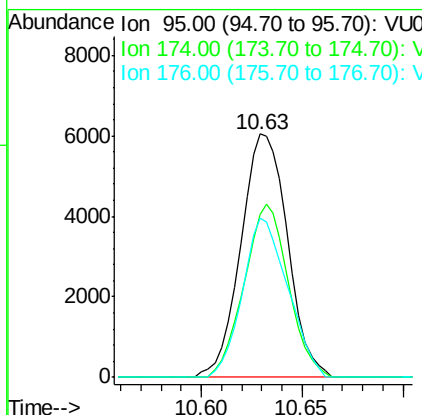
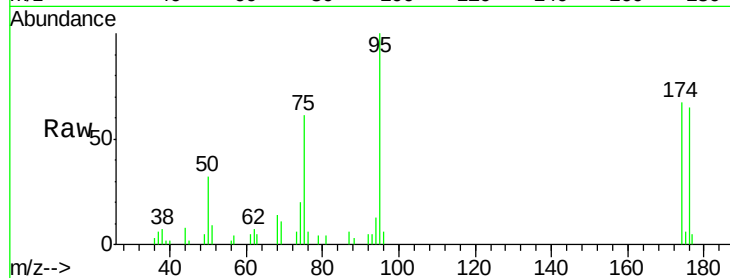
Time-->



#57
4-Bromofluorobenzene
Concen: 1.083 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

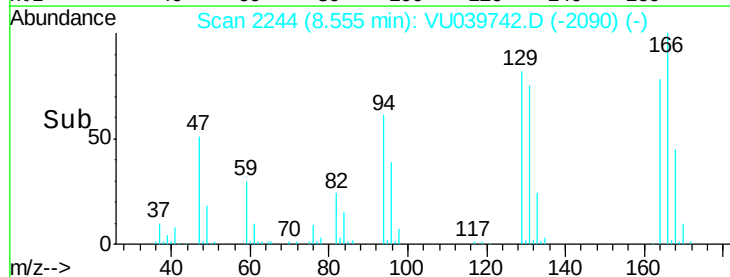
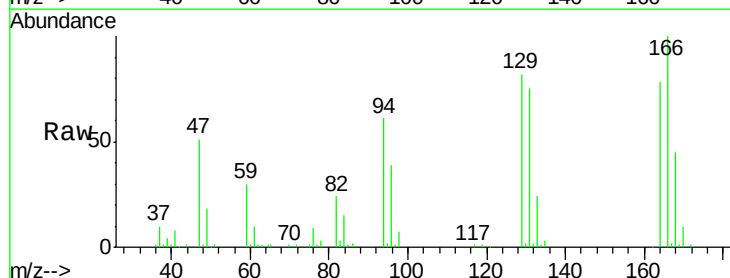
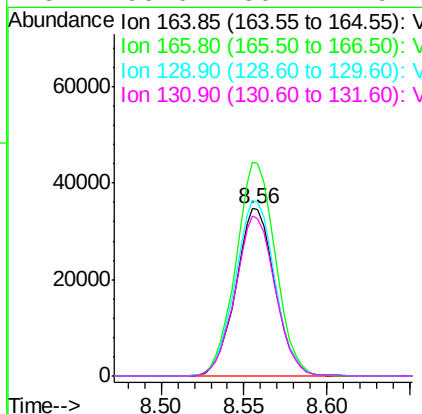
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

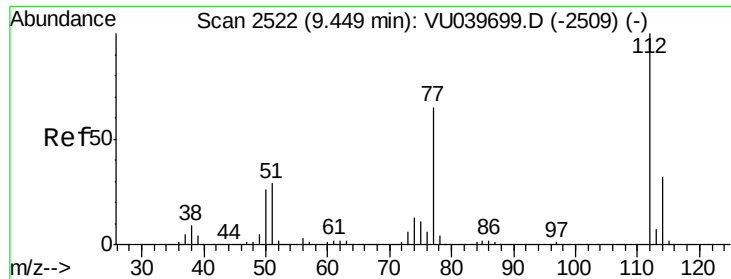
Tot Ion: 95 Resp: 9810
Ion Ratio Lower Upper
95 100
174 67.2 57.0 85.4
176 63.2 50.2 75.2



#58
Tetrachloroethene
Concen: 9.761 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 164 Resp: 56709
Ion Ratio Lower Upper
164 100
166 127.7 104.8 157.2
129 104.8 84.1 126.1
131 95.6 80.1 120.1





#59

Chlorobenzene

Concen: 10.072 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

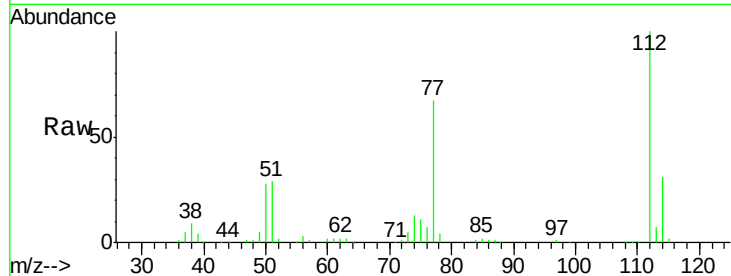
VSTDCCC010

Tot Ion:112 Resp: 179817

Ion Ratio Lower Upper

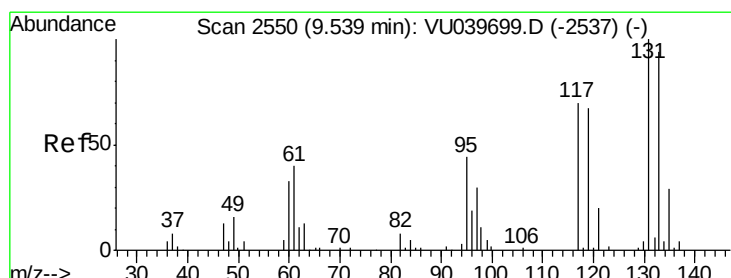
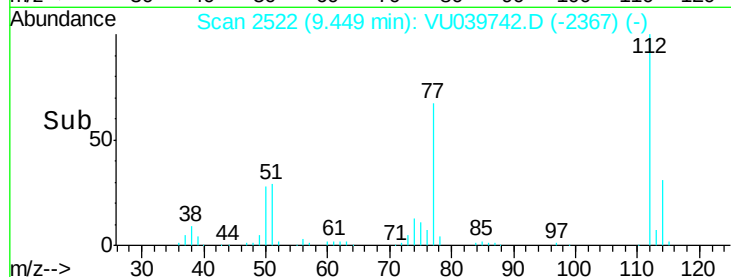
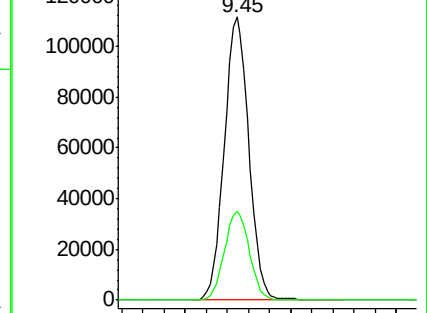
112 100

114 31.4 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: 10.139 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

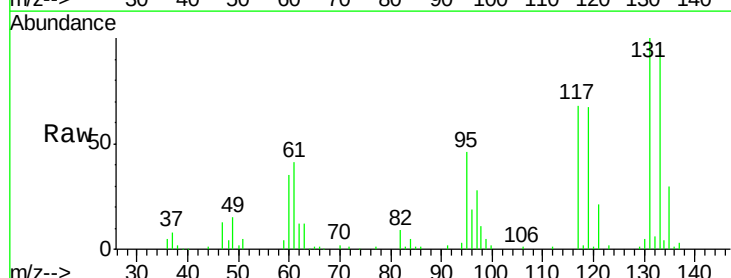
Tgt Ion:131 Resp: 61034

Ion Ratio Lower Upper

131 100

133 95.6 75.8 113.8

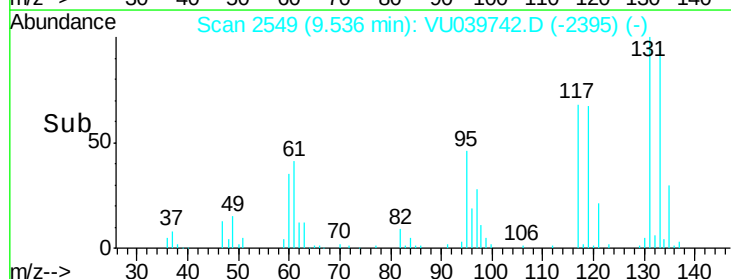
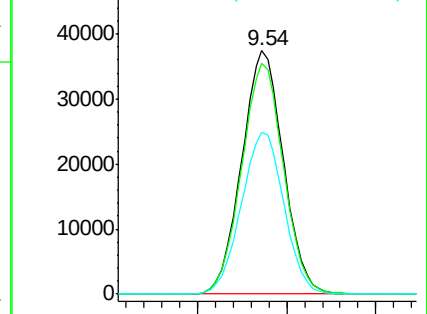
119 68.1 54.6 81.8

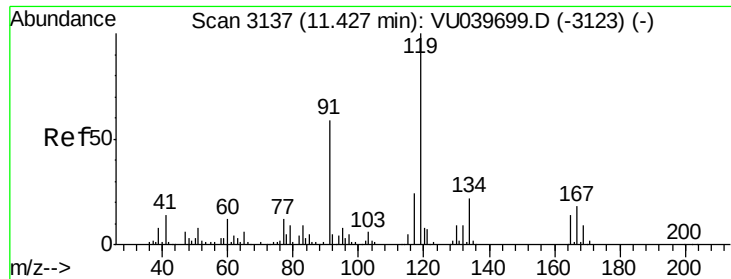


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 9.525 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

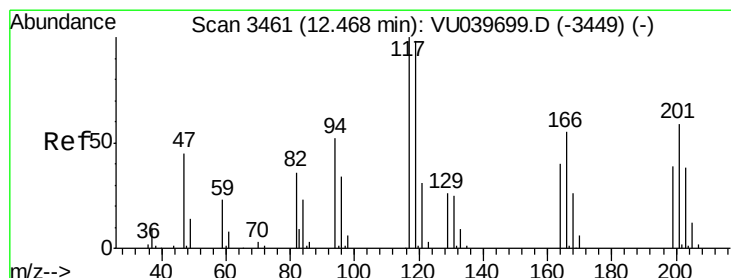
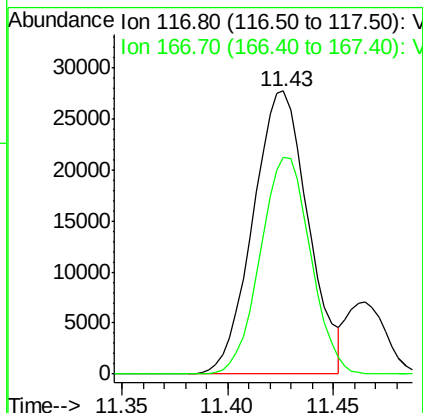
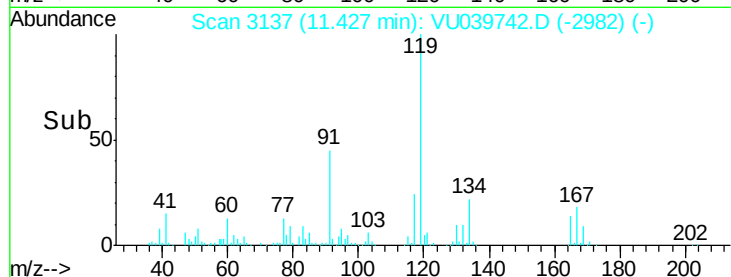
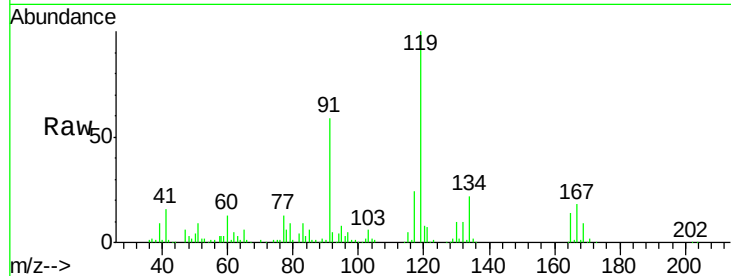
VSTDCCC010

Tot Ion:117 Resp: 50377

Ion Ratio Lower Upper

117 100

167 69.6 56.6 85.0



#62

Hexachloroethane

Concen: 10.052 ug/l

RT: 12.47 min Scan# 3462

Delta R.T. 0.00 min

Lab File: VU039742.D

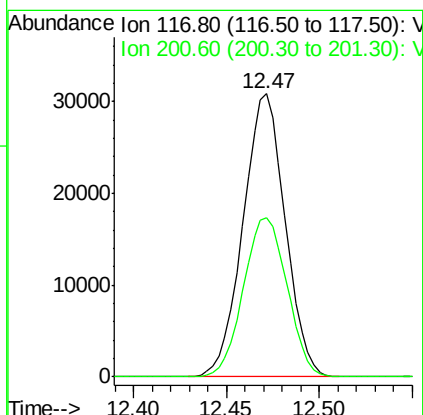
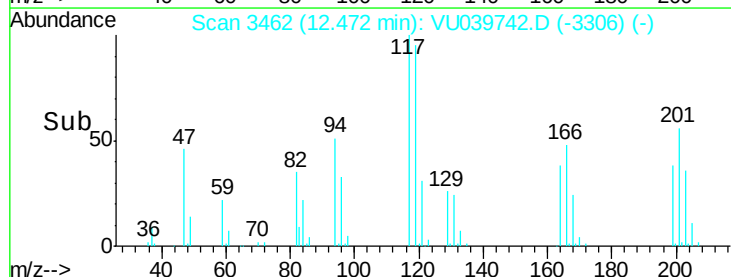
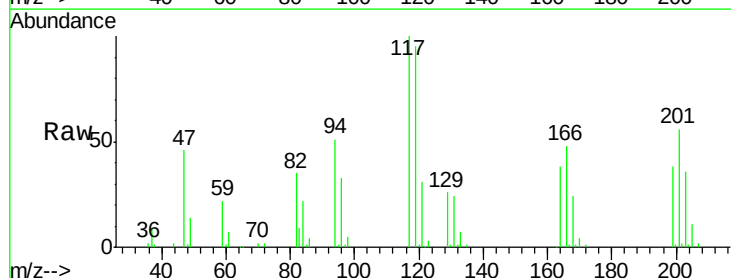
Acq: 05 Aug 2020 10:35

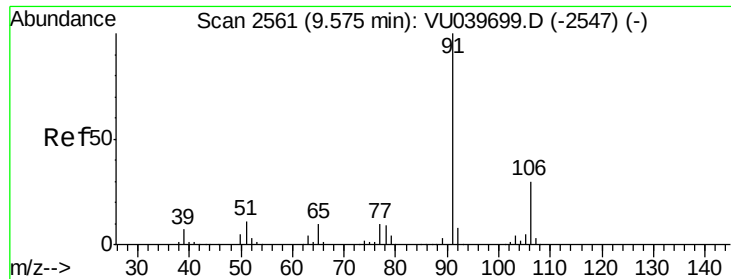
Tgt Ion:117 Resp: 48730

Ion Ratio Lower Upper

117 100

201 58.3 48.1 72.1

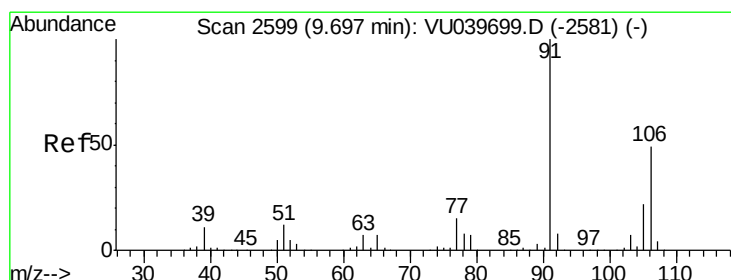
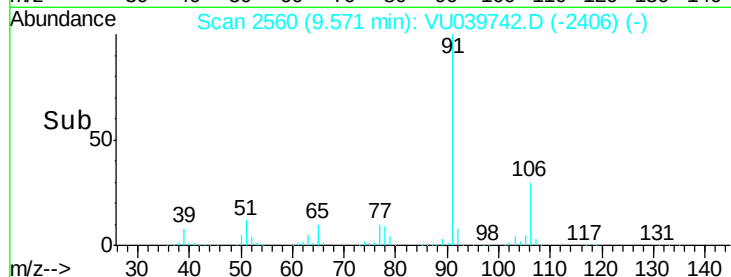
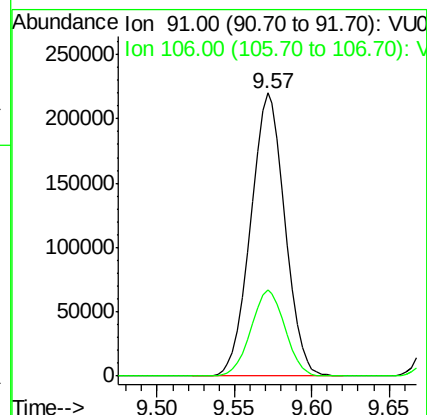
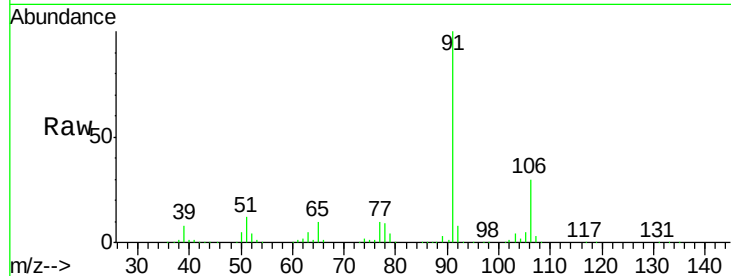




#63
Ethyl Benzene
Concen: 10.615 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

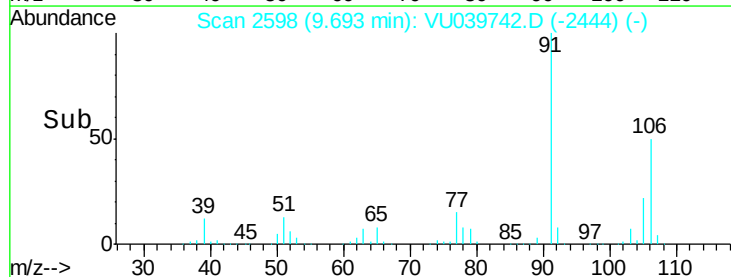
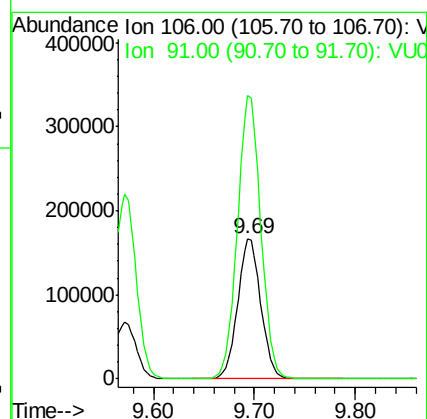
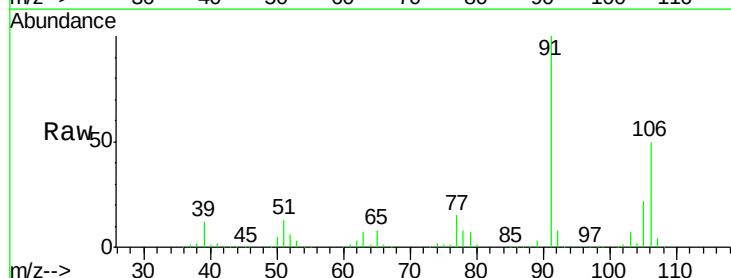
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

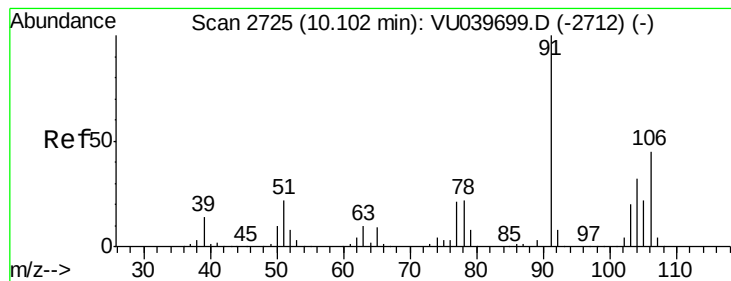
Tot Ion: 91 Resp: 339646
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#64
m/p-Xylenes
Concen: 21.242 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039742.D
Acq: 05 Aug 2020 10:35

Tgt Ion: 106 Resp: 265546
Ion Ratio Lower Upper
106 100
91 204.5 163.9 245.9





#65

o-Xylene

Concen: 10.382 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

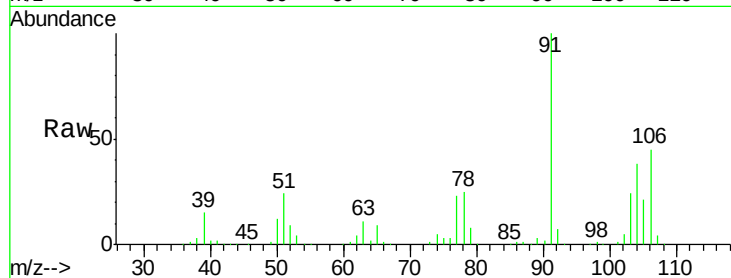
VSTDCCC010

Tot Ion:106 Resp: 123225

Ion Ratio Lower Upper

106 100

91 220.7 110.3 331.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

150000

100000

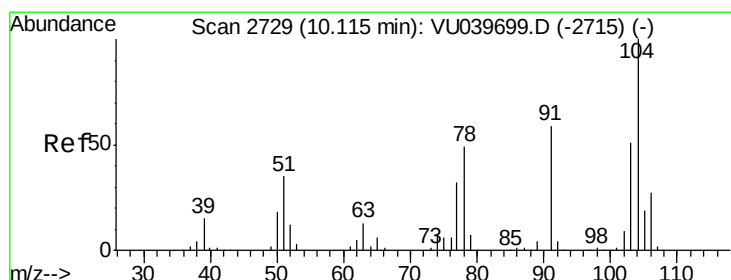
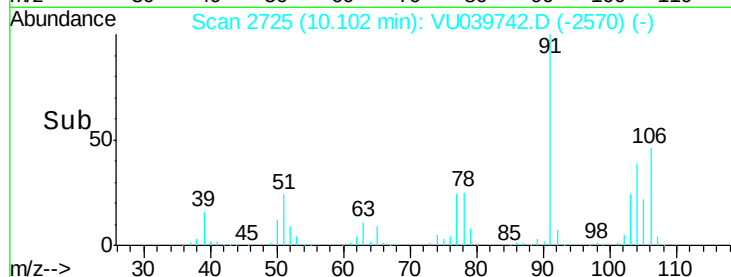
50000

0

10.10

10.20

Time-->



#66

Styrene

Concen: 10.577 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

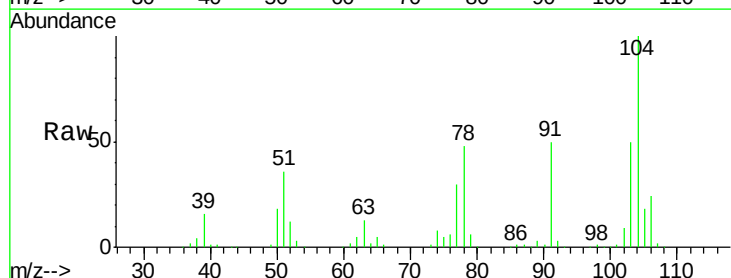
Tgt Ion:104 Resp: 215119

Ion Ratio Lower Upper

104 100

78 53.9 42.2 63.4

103 54.5 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

150000

100000

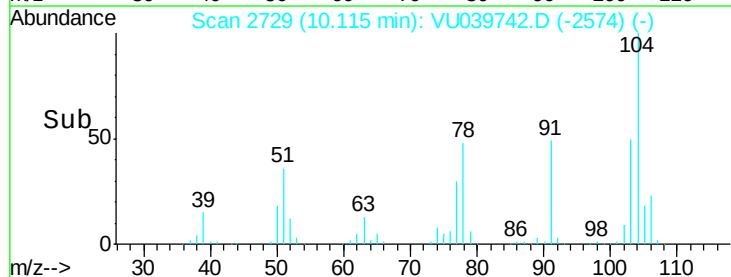
50000

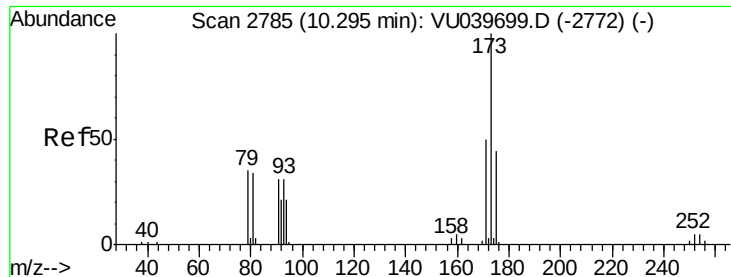
0

10.11

10.20

Time-->





#67

Bromoform

Concen: 10.423 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

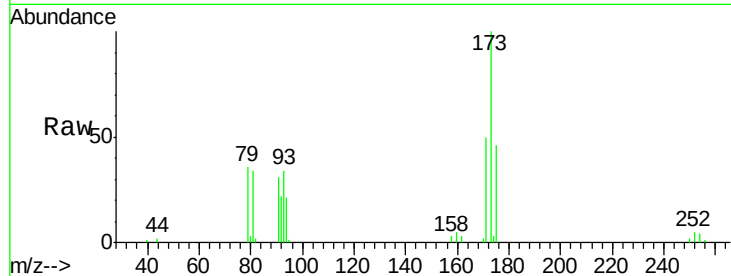
Tot Ion:173 Resp: 31914

Ion Ratio Lower Upper

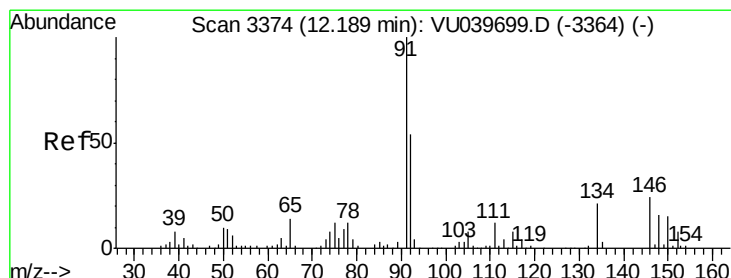
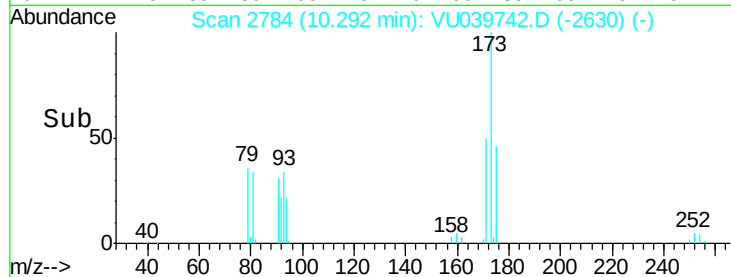
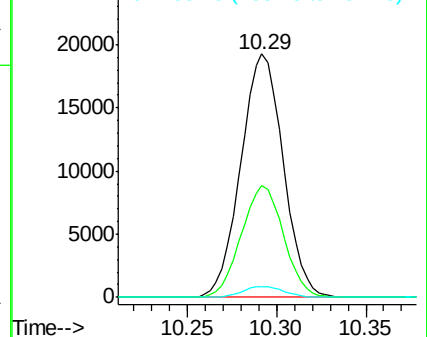
173 100

175 45.6 36.7 55.1

254 4.3 3.8 5.8



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



#68

1,2-Dichlorobenzene-d4

Concen: 0.891 ug/l

RT: 12.19 min Scan# 3373

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

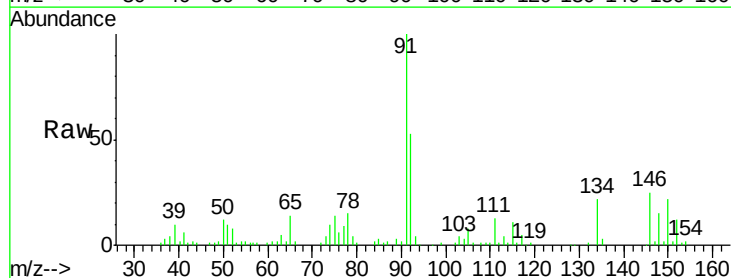
Tgt Ion:152 Resp: 7895

Ion Ratio Lower Upper

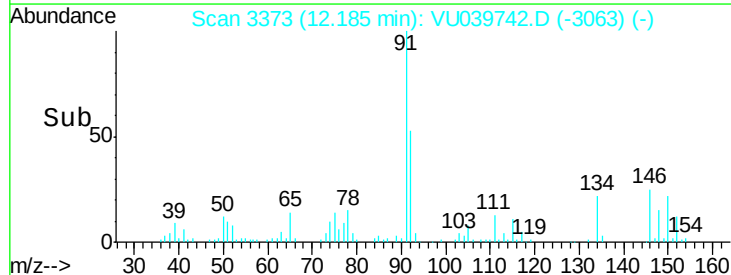
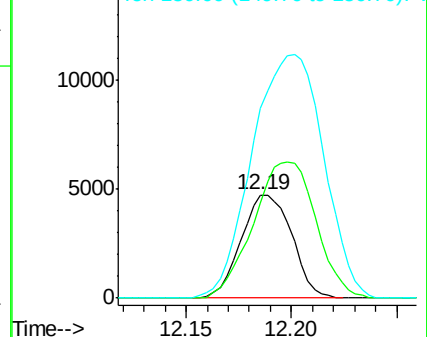
152 100

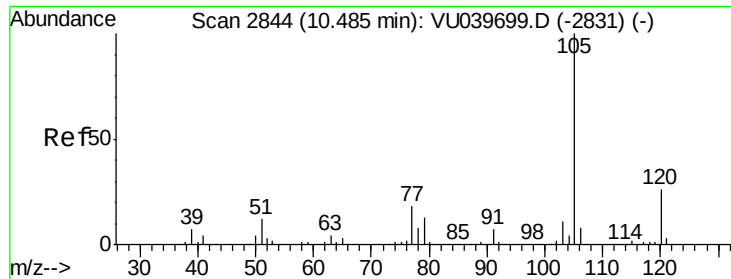
115 163.1 0.0 302.4

150 331.6 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: 10.409 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

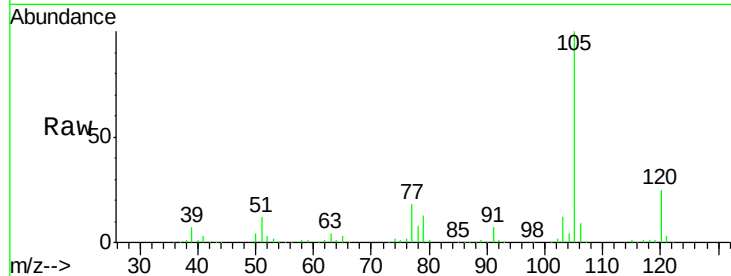
VSTDCCC010

Tot Ion:105 Resp: 329994

Ion Ratio Lower Upper

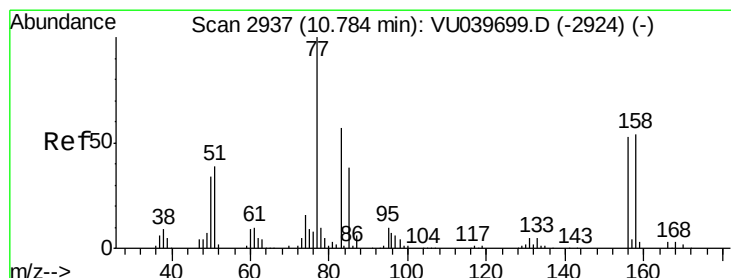
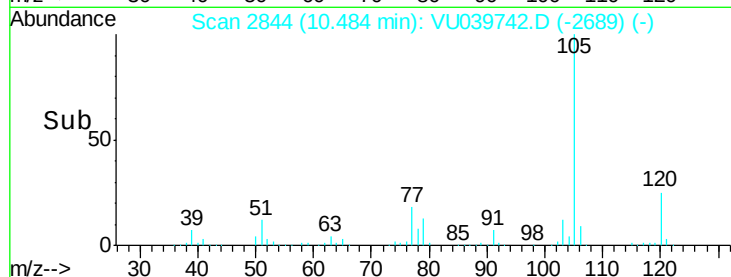
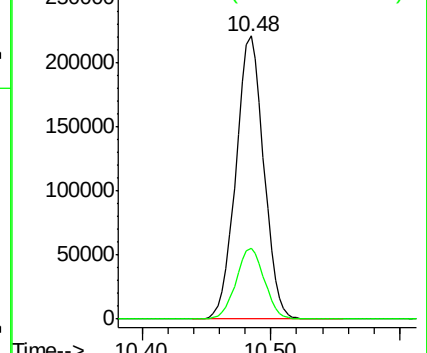
105 100

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: 9.370 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

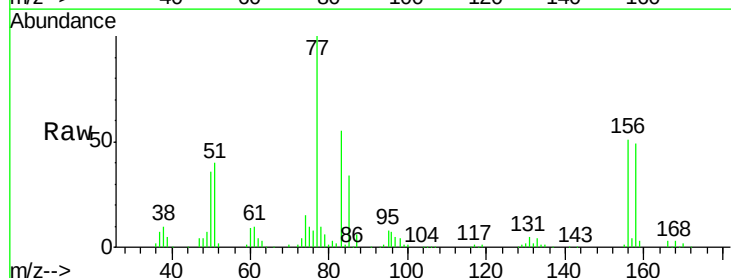
Tgt Ion: 83 Resp: 75393

Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

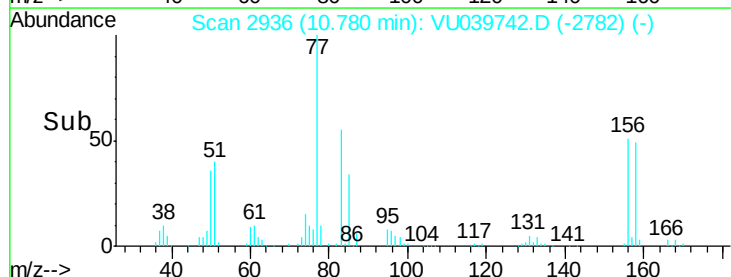
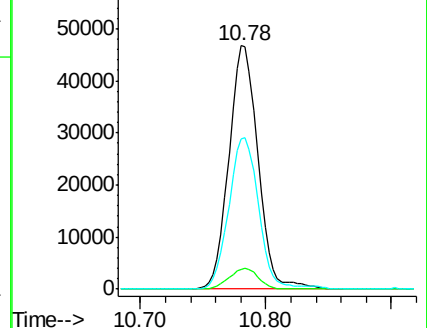
85 64.0 50.6 75.8

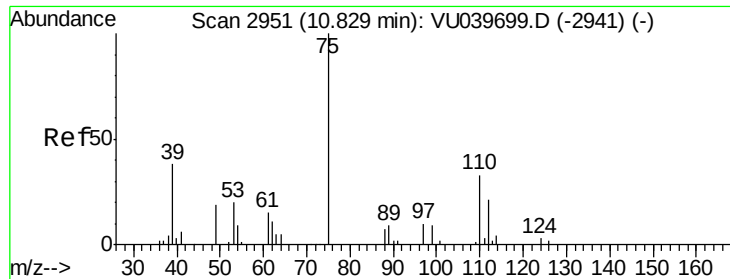


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

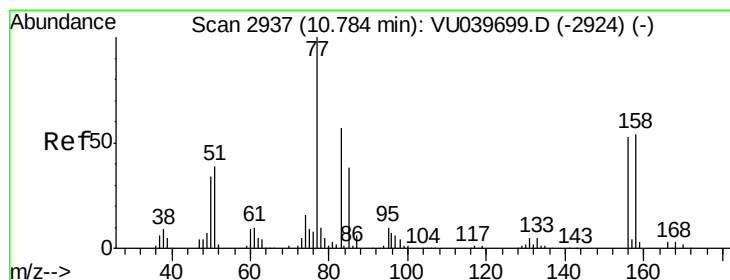
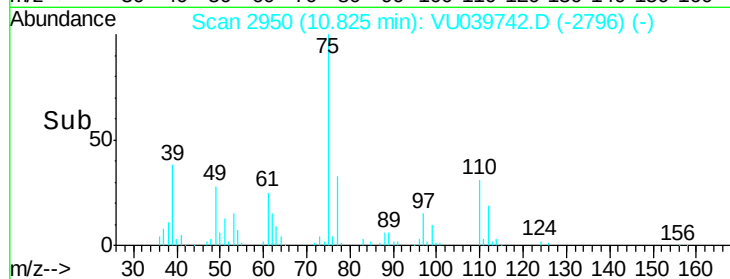
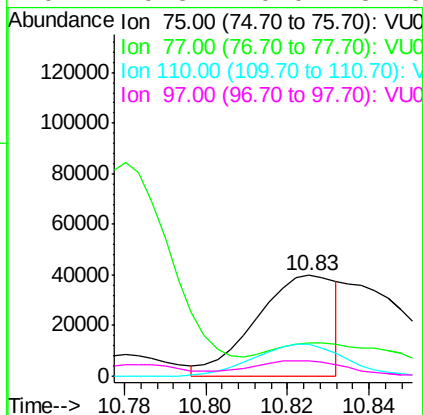
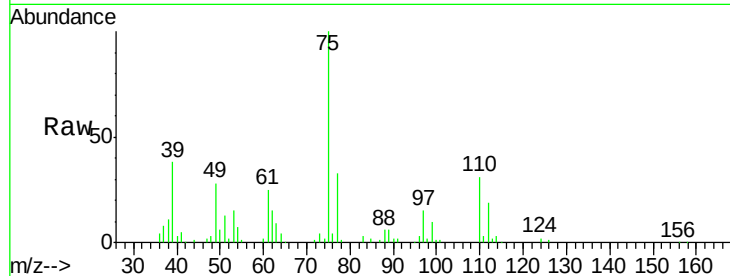




#71
 1,2,3-Trichloropropane
 Concen: 8.905 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

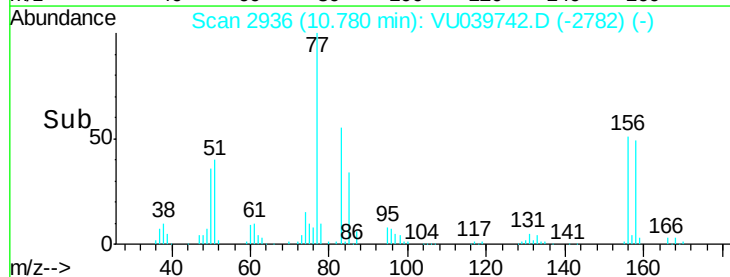
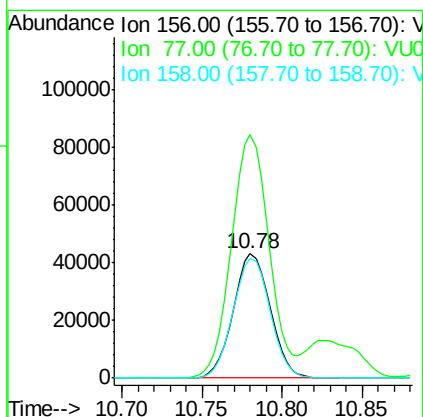
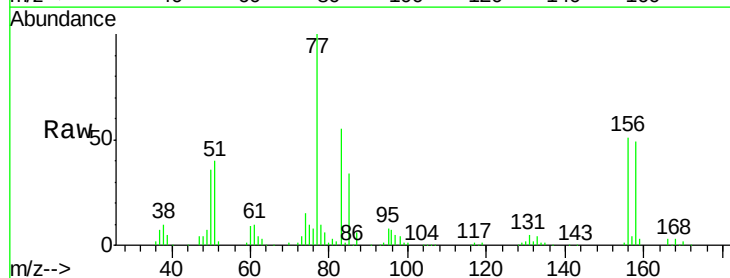
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

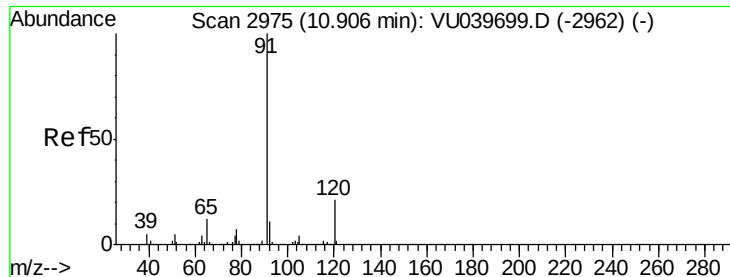
Tot Ion:	75	Resp:	53978
Ion	Ratio	Lower	Upper
75	100		
77	55.7	0.0	91.0
110	36.7	0.0	64.2
97	19.3	0.0	32.6



#72
 Bromobenzene
 Concen: 9.427 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Tgt Ion:	156	Resp:	67867
Ion	Ratio	Lower	Upper
156	100		
77	199.9	0.0	385.2
158	96.7	0.0	200.8





#73

n-propylbenzene

Concen: 10.227 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

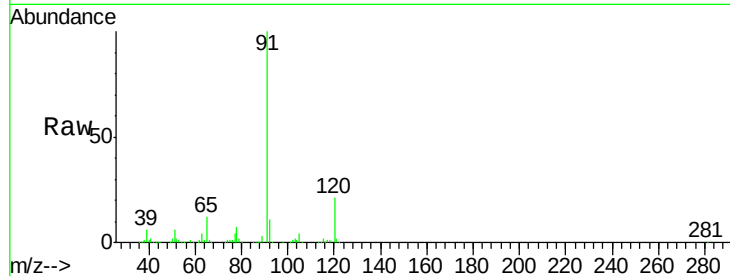
VSTDCCC010

Tot Ion:120 Resp: 91154

Ion Ratio Lower Upper

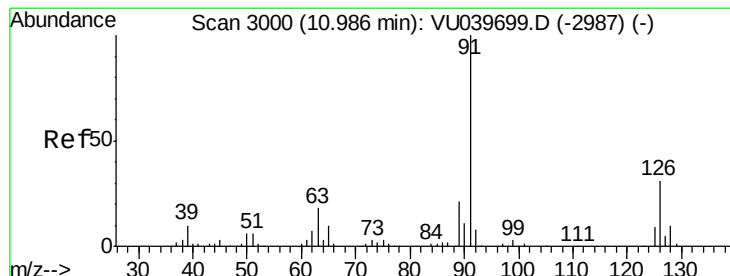
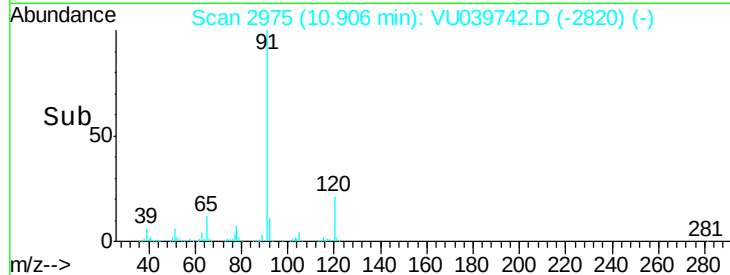
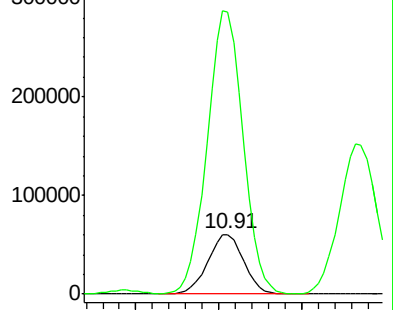
120 100

91 471.9 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 9.742 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU039742.D

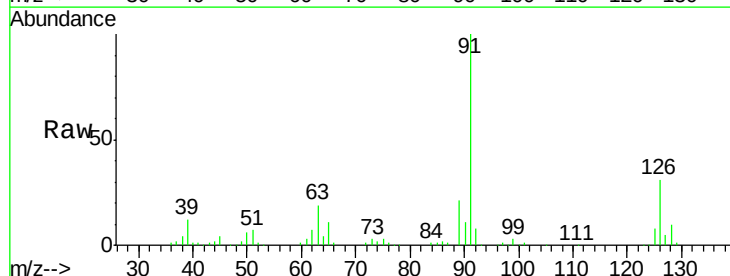
Acq: 05 Aug 2020 10:35

Tgt Ion:126 Resp: 73351

Ion Ratio Lower Upper

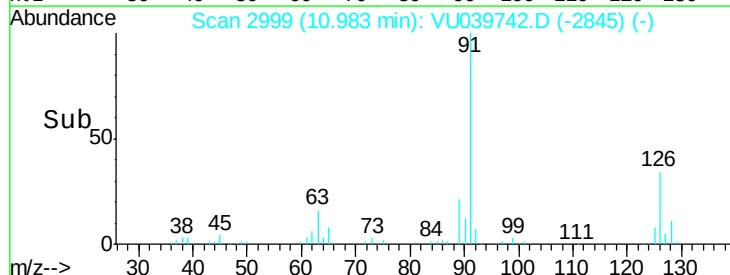
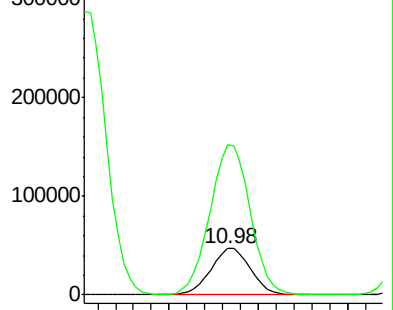
126 100

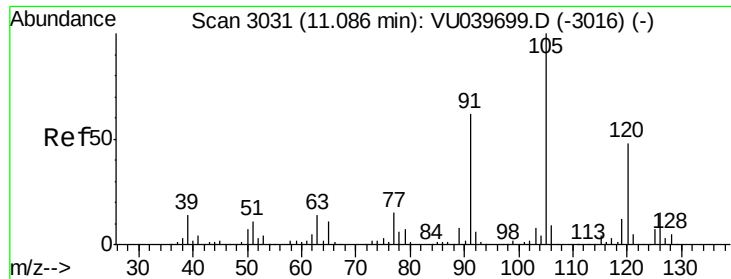
91 325.9 0.0 637.0



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: 10.425 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

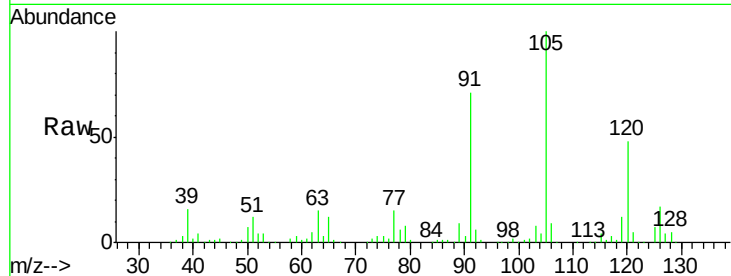
VSTDCCC010

Tot Ion:105 Resp: 285685

Ion Ratio Lower Upper

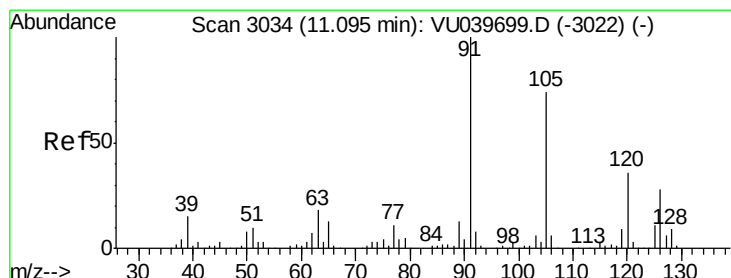
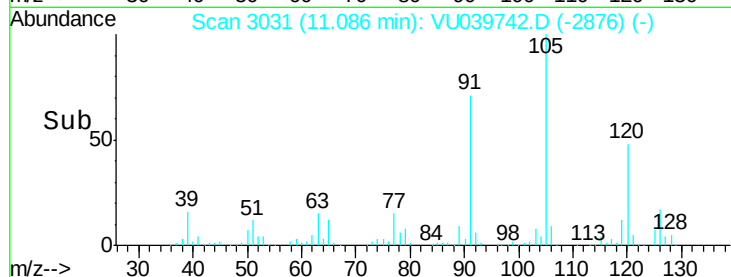
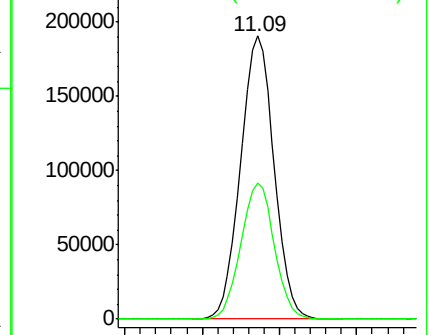
105 100

120 48.1 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: 10.116 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039742.D

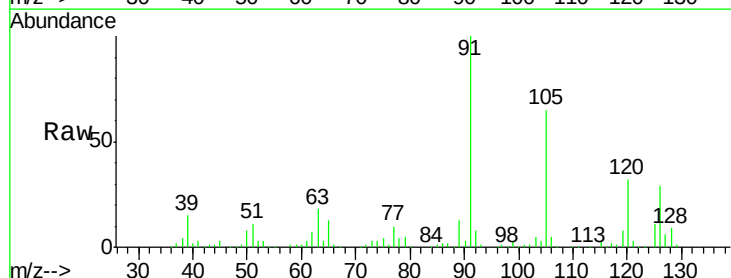
Acq: 05 Aug 2020 10:35

Tgt Ion:126 Resp: 78893

Ion Ratio Lower Upper

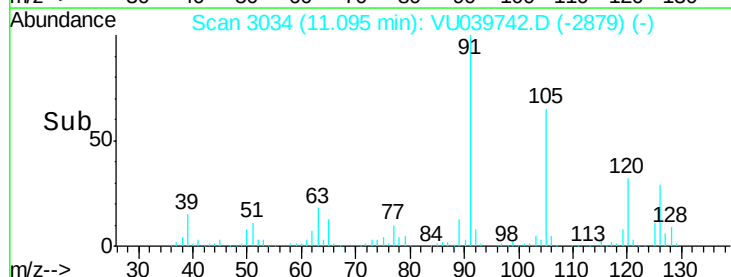
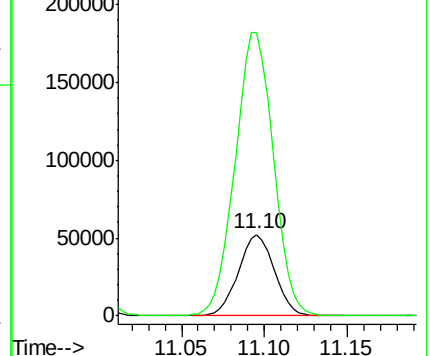
126 100

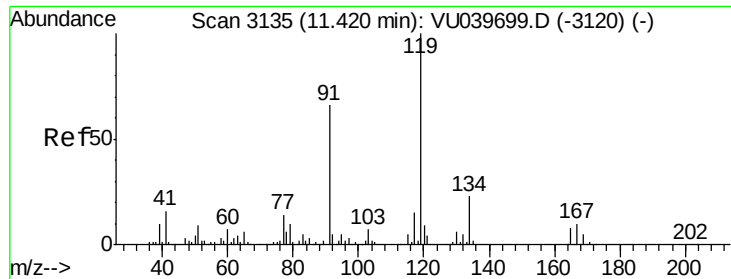
91 372.3 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

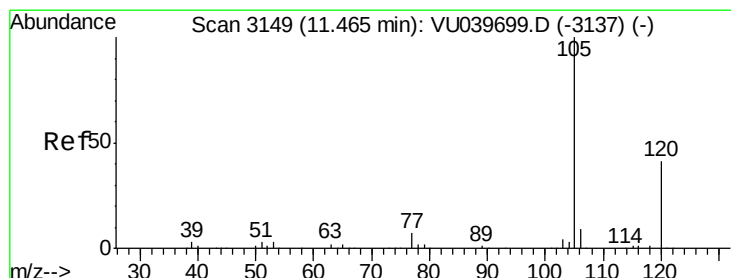
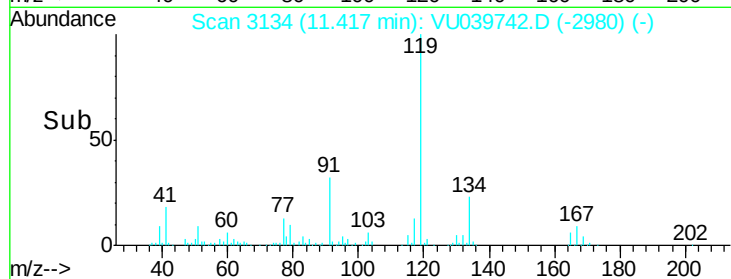
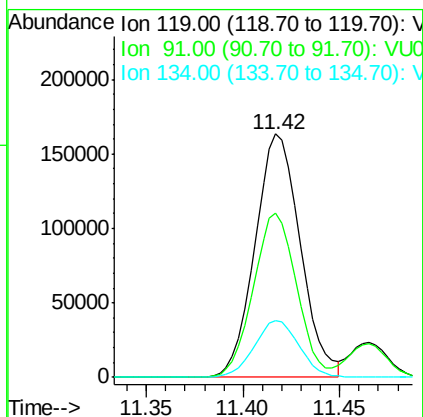
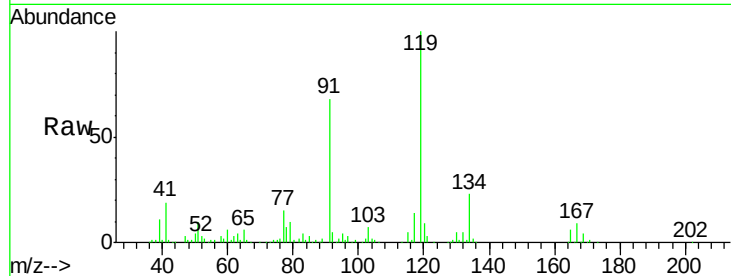




#77
 tert-Butylbenzene
 Concen: 10.124 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

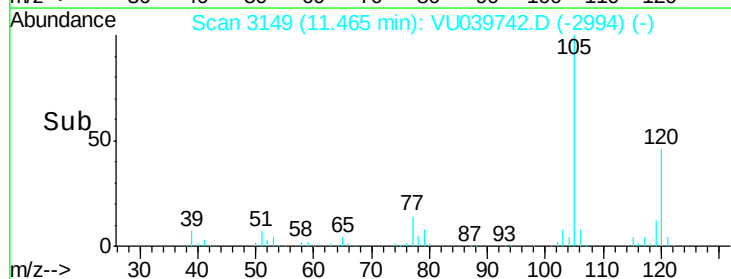
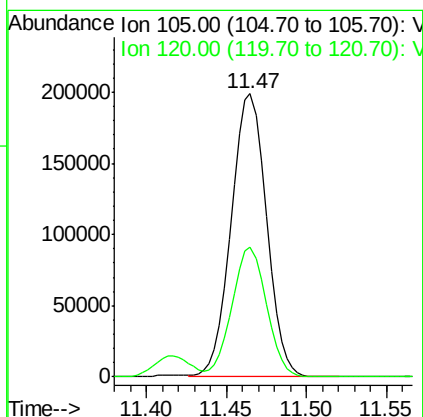
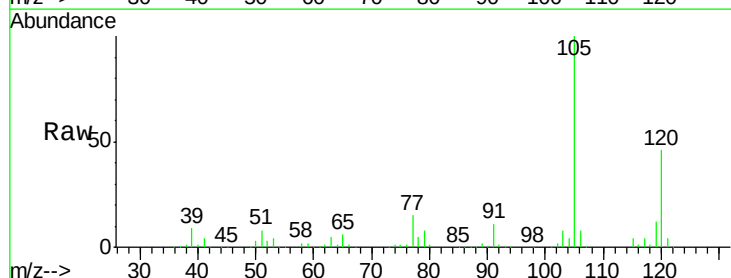
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

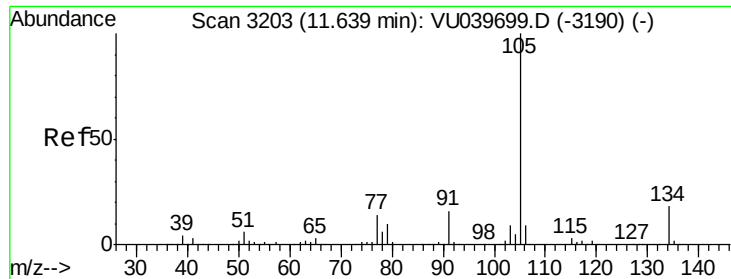
Tot Ion:119 Resp: 266175
 Ion Ratio Lower Upper
 119 100
 91 64.6 31.9 95.5
 134 23.1 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 10.629 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Tgt Ion:105 Resp: 298745
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.0





#79

sec-Butylbenzene

Concen: 10.162 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

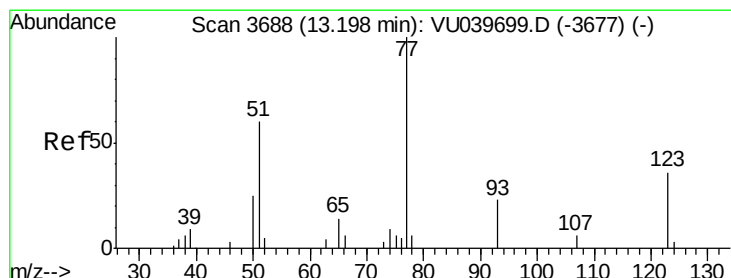
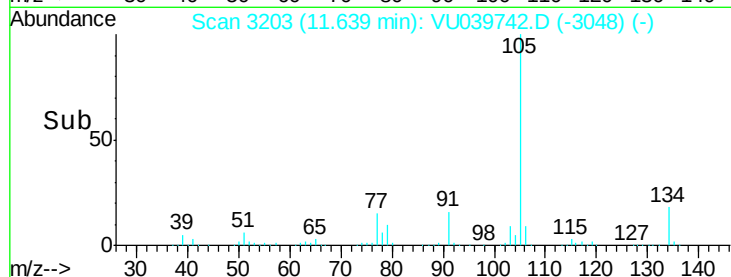
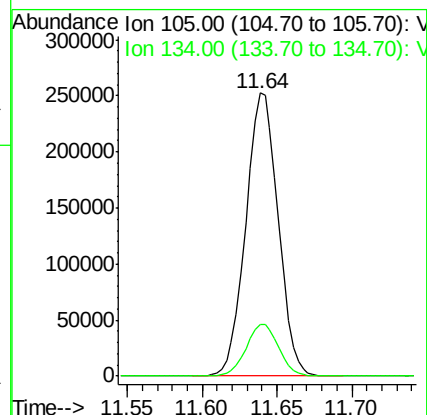
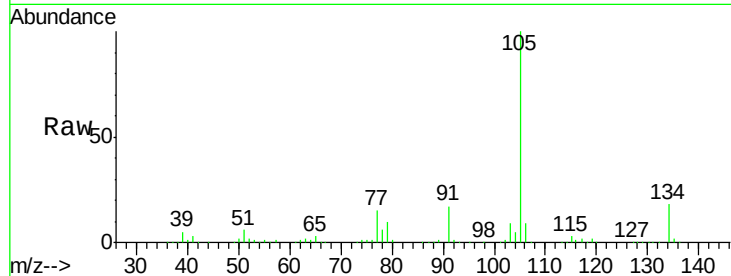
VSTDCCC010

Tot Ion: 105 Resp: 380268

Ion Ratio Lower Upper

105 100

134 18.3 14.8 22.2



#80

Nitrobenzene

Concen: 50.038 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

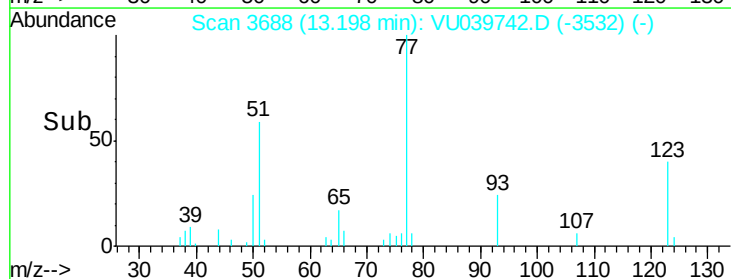
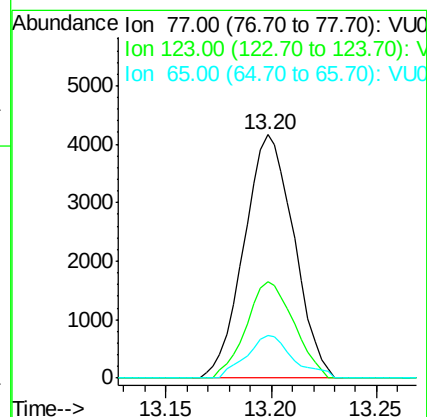
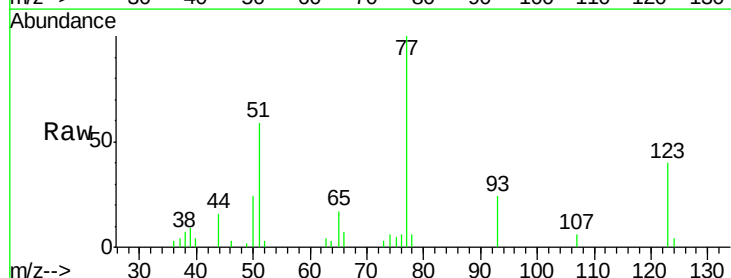
Tgt Ion: 77 Resp: 6813

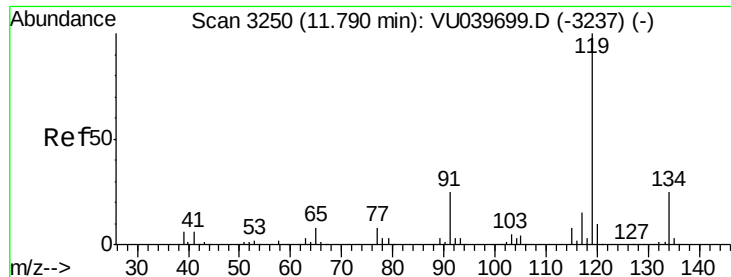
Ion Ratio Lower Upper

77 100

123 37.9 16.9 59.9

65 16.4 14.4 18.4

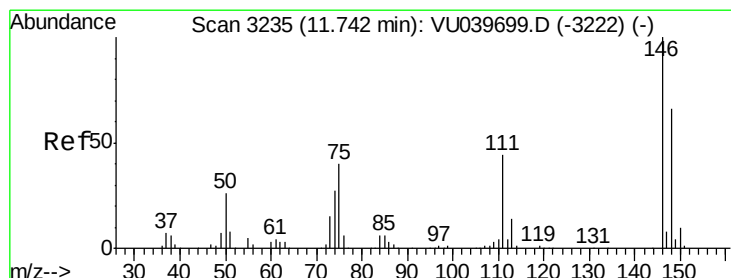
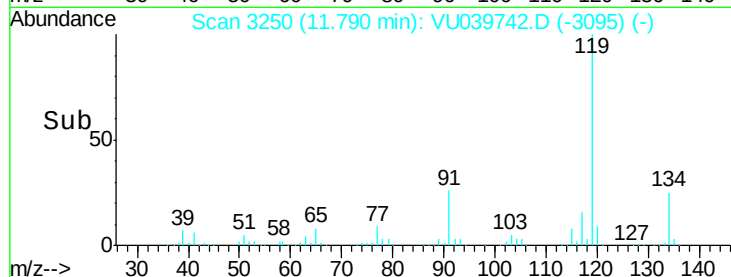
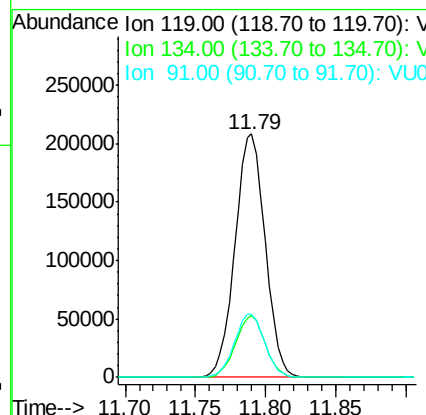
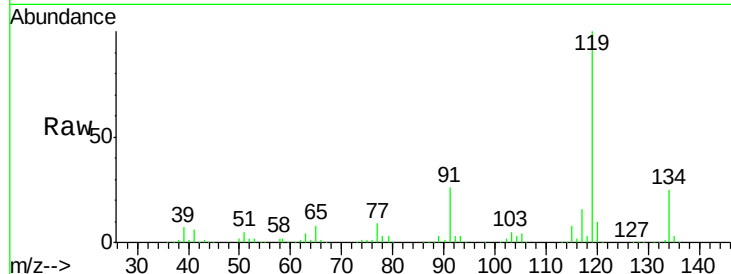




#81
 p-Isopropyltoluene
 Concen: 10.328 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

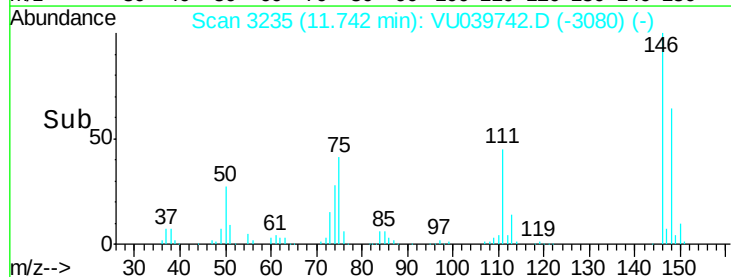
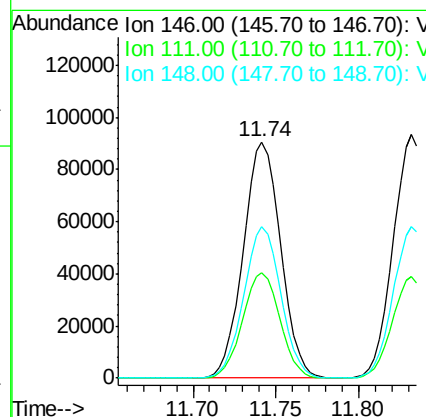
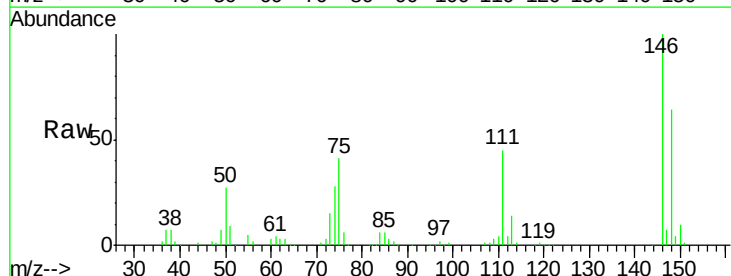
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

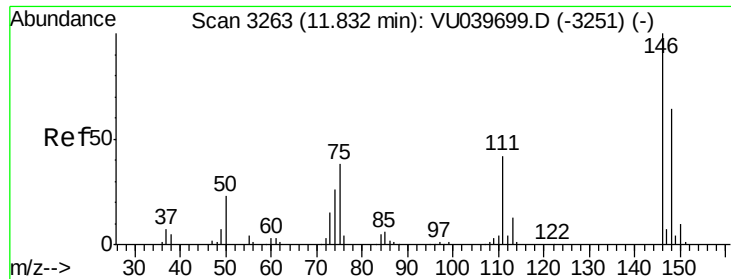
Tot Ion:119 Resp: 311453
 Ion Ratio Lower Upper
 119 100
 134 24.9 20.2 30.4
 91 26.0 20.7 31.1



#82
 1,3-Dichlorobenzene
 Concen: 9.160 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Tgt Ion:146 Resp: 141933
 Ion Ratio Lower Upper
 146 100
 111 44.7 34.5 51.7
 148 63.6 51.4 77.0

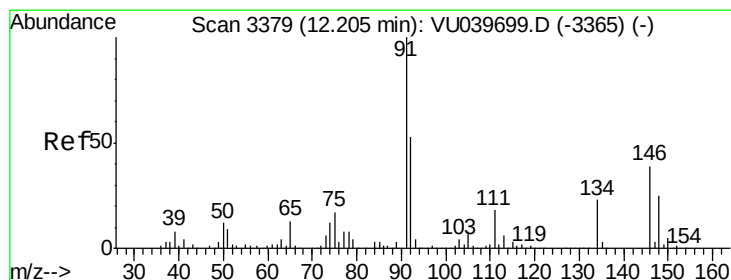
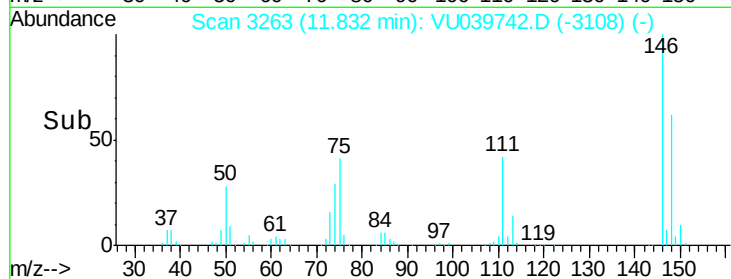
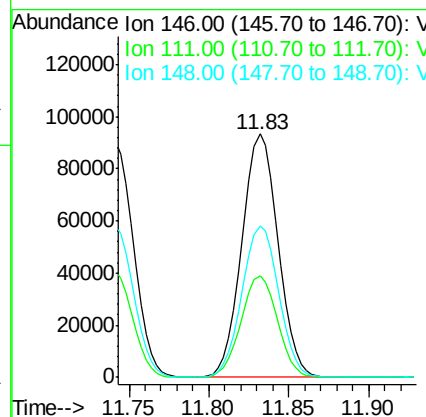
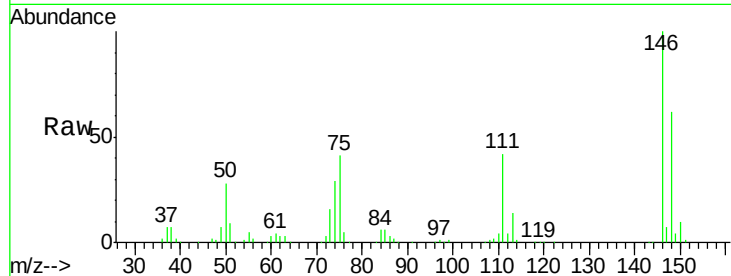




#83
 1,4-Dichlorobenzene
 Concen: 9.216 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

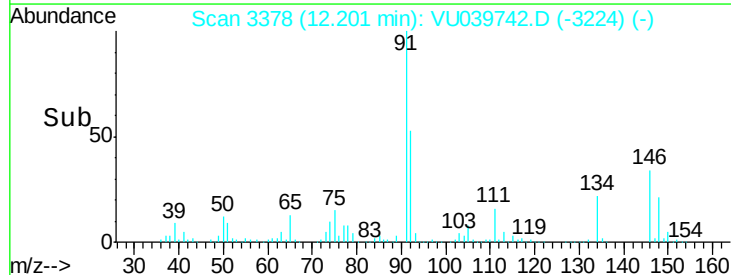
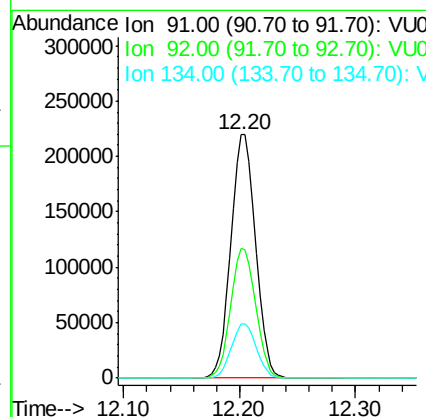
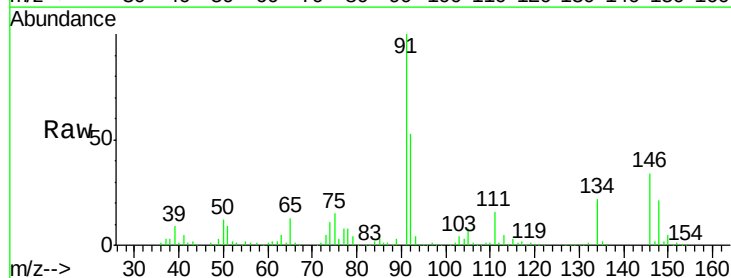
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

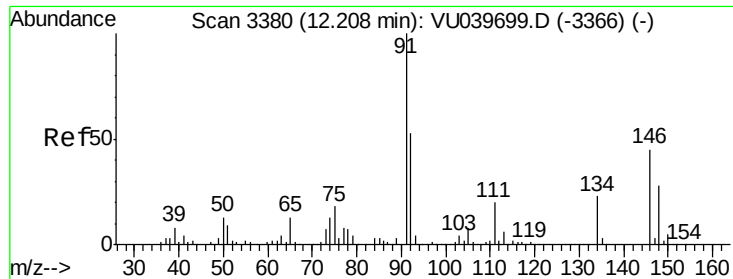
Tot Ion:146 Resp: 143649
 Ion Ratio Lower Upper
 146 100
 111 41.8 33.8 50.6
 148 63.2 51.1 76.7



#84
 n-Butylbenzene
 Concen: 10.041 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Tgt Ion: 91 Resp: 321640
 Ion Ratio Lower Upper
 91 100
 92 53.6 42.6 64.0
 134 22.5 18.2 27.4





#85

1,2-Dichlorobenzene

Concen: 9.078 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

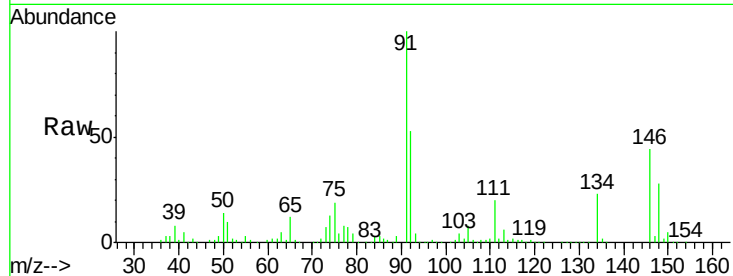
Tot Ion:146 Resp: 135591

Ion Ratio Lower Upper

146 100

111 46.6 22.8 68.3

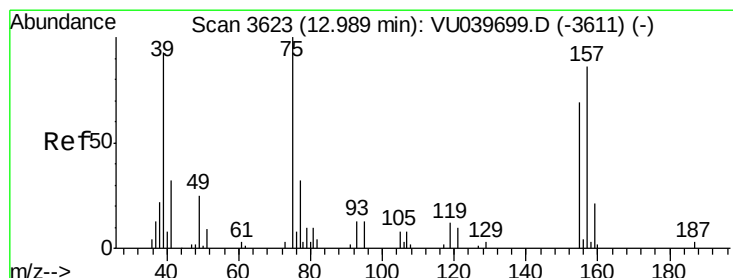
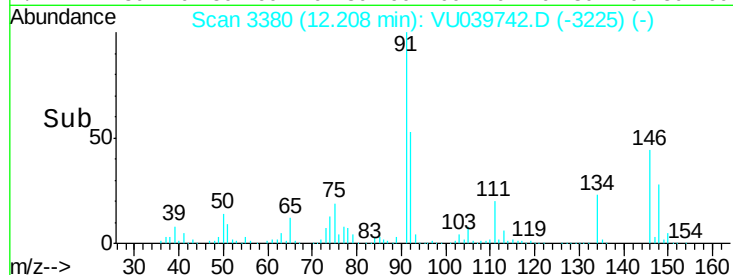
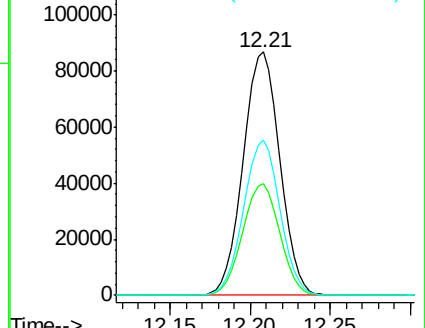
148 63.2 31.7 95.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.075 ug/l

RT: 12.99 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

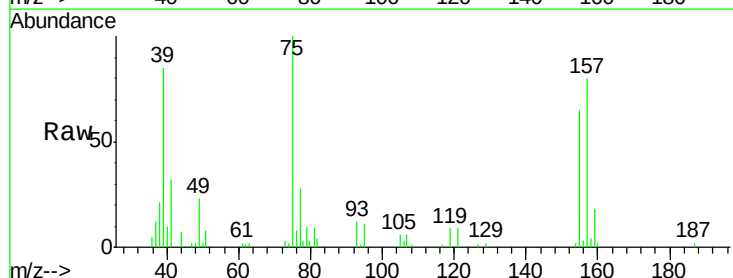
Tgt Ion: 75 Resp: 13655

Ion Ratio Lower Upper

75 100

155 63.9 52.9 79.3

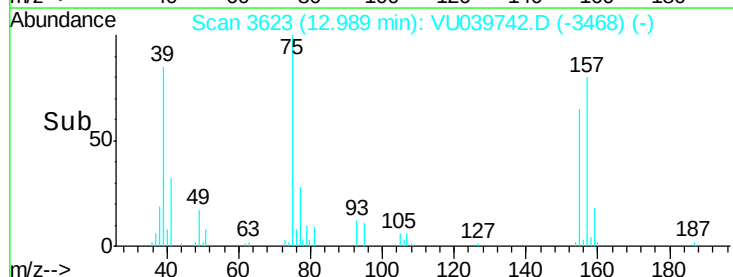
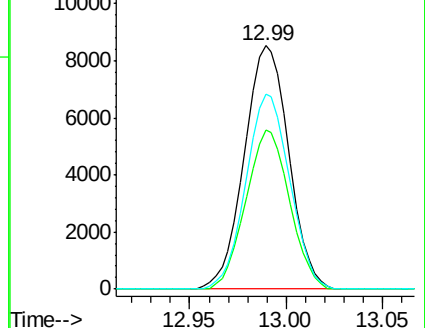
157 78.8 67.8 101.6

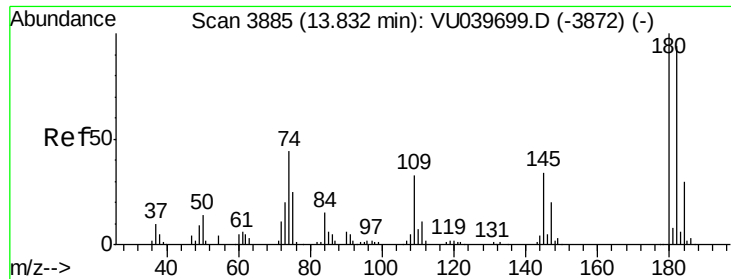


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

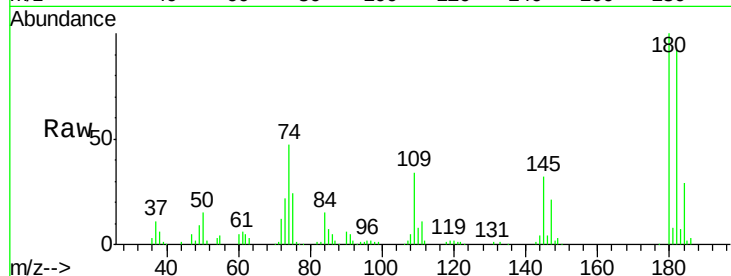




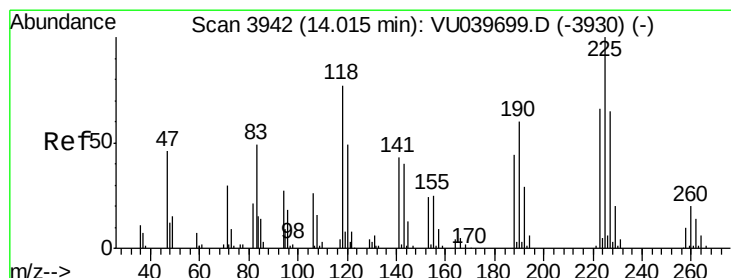
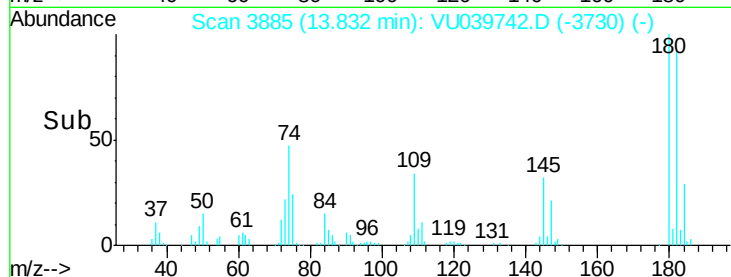
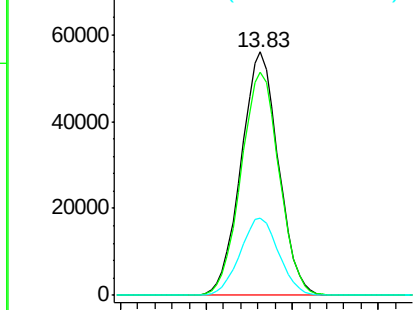
#87
 1,2,4-Trichlorobenzene
 Concen: 9.016 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:180 Resp: 84222
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.2 114.4
 145 32.7 26.8 40.2

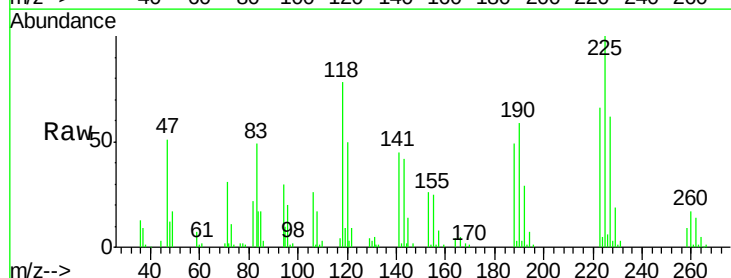


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

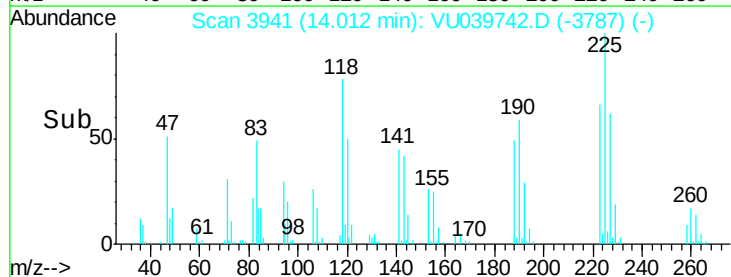
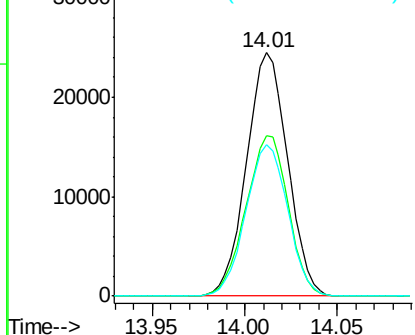


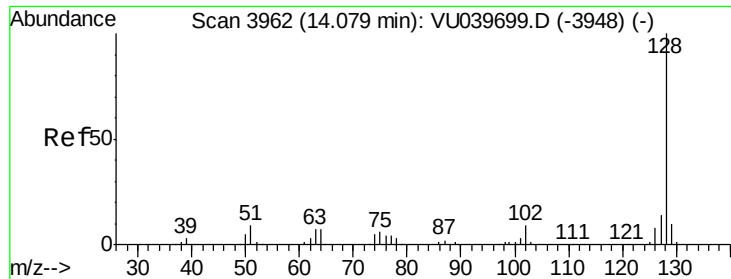
#88
 Hexachlorobutadiene
 Concen: 8.907 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039742.D
 Acq: 05 Aug 2020 10:35

Tgt Ion:225 Resp: 37785
 Ion Ratio Lower Upper
 225 100
 223 67.4 52.4 78.6
 227 63.1 50.7 76.1



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 8.943 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

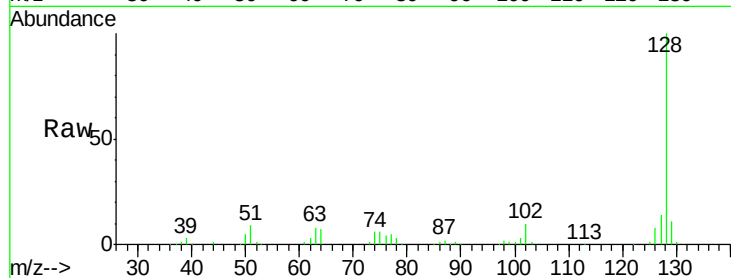
Tot Ion:128 Resp: 178750

Ion Ratio Lower Upper

128 100

127 13.8 11.0 16.4

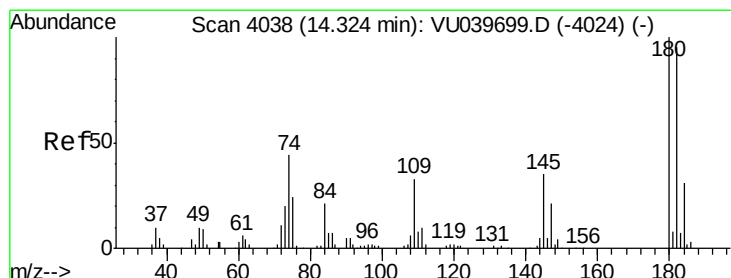
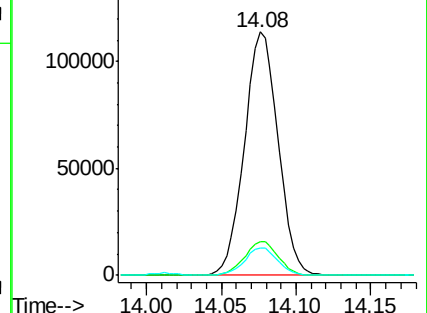
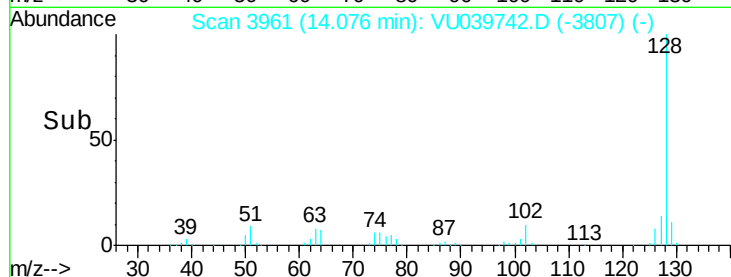
129 11.1 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 8.925 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU039742.D

Acq: 05 Aug 2020 10:35

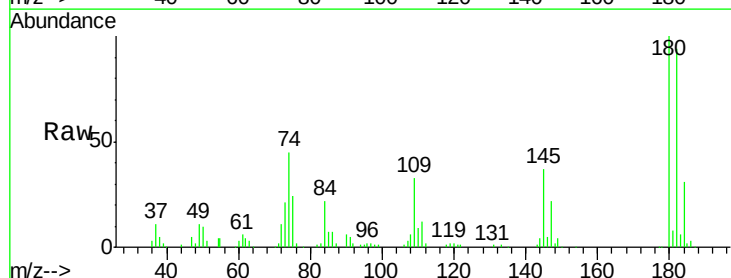
Tgt Ion:180 Resp: 78700

Ion Ratio Lower Upper

180 100

182 94.5 76.0 114.0

145 35.7 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

