

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091120\
 Data File : VU040102.D
 Acq On : 11 Sep 2020 12:56
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 11 13:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091120DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 11 12:56:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	31219	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	12570	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	11554	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	269123	30.359	ug/l	97
3) Chloromethane	1.53	50	214433	22.868	ug/l	98
4) Vinyl Chloride	1.61	62	244178	26.481	ug/l	100
5) Bromomethane	1.86	94	102887	14.983	ug/l	97
6) Chloroethane	1.94	64	121920	20.051	ug/l	97
7) Trichlorofluoromethane	2.15	101	340119	24.576	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	152977	19.156	ug/l	99
9) 1,1-Dichloroethene	2.59	96	114892	17.016	ug/l	98
10) Iodomethane	2.74	142	2285	0.428	ug/l	87
11) Allyl Chloride	3.06	41	6874	0.515	ug/l #	9
12) Acrylonitrile	3.38	53	5937	2.529	ug/l #	27
13) Acetone	2.65	43	427565	198.729	ug/l	94
14) Carbon Disulfide	2.81	76	191156	10.195	ug/l	99
15) Methylene Chloride	3.06	84	158719	15.349	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	129722	17.694	ug/l	98
17) 1,1-Dichloroethane	3.89	63	317258	19.834	ug/l	99
18) 2-Butanone	4.73	43	699607	213.200	ug/l	100
19) Cyclohexane	5.41	56	215115	16.192	ug/l	100
20) Methylcyclohexane	6.77	83	227687	18.490	ug/l	98
22) cis-1,2-Dichloroethene	4.69	96	169325	19.831	ug/l	85
23) Diethyl Ether	2.59	59	9693	1.515	ug/l #	13
24) tert-Butyl Alcohol	3.20	59	3615	4.199	ug/l #	70
25) Methyl tert-Butyl Ether	3.38	73	463470	20.583	ug/l	97
26) Bromochloromethane	4.99	128	78165	21.073	ug/l	98
27) Chloroform	5.11	83	339981	20.936	ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	289173	20.476	ug/l	99
30) Carbon Tetrachloride	5.54	117	243786	19.030	ug/l	99
32) Ethyl-t-butyl ether	4.69	59	6412	0.257	ug/l #	37
33) Tert-Amyl methyl ether	5.79	73	11281	0.513	ug/l #	58
34) Propionitrile	4.73	54	1666	2.005	ug/l #	1
35) Benzene	5.79	78	637992	19.174	ug/l	100
36) 1,2-Dichloroethane	5.81	62	239651	18.513	ug/l	100
37) Trichloroethene	6.56	130	162922	19.258	ug/l	97
38) 1,2-Dichloropropane	6.80	63	191730	19.901	ug/l	95
40) Methyl acrylate	4.73	55	7135	1.252	ug/l #	1
42) 1-Chlorobutane	5.41	56	215115	12.116	ug/l	95
44) Bromodichloromethane	7.11	83	265730	19.882	ug/l	98
45) 4-Methyl-2-Pentanone	7.80	43	1694891	223.463	ug/l	99
46) t-1,4-Dichloro-2-butene	10.82	75	146548	50.501	ug/l #	16
47) Methyl methacrylate	6.77	69	48834	10.232	ug/l #	16
49) Toluene	7.98	92	426017	21.183	ug/l	98

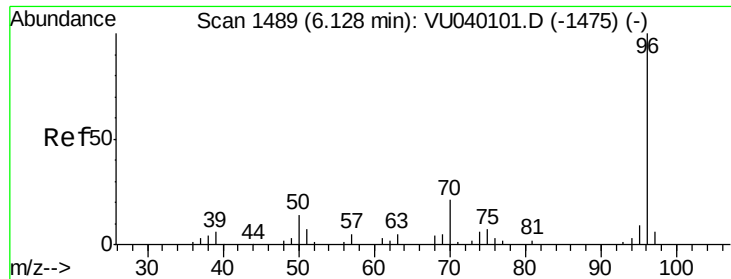
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091120\
 Data File : VU040102.D
 Acq On : 11 Sep 2020 12:56
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 11 13:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091120DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 11 12:56:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) t-1,3-Dichloropropene	8.22	75	264617	21.951	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	275013	20.491	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	145600	20.413	ug/l	99
54) 2-Hexanone	8.69	43	1193938	217.136	ug/l	98
55) Dibromochloromethane	8.82	129	178153	21.406	ug/l	100
56) 1,2-Dibromoethane	8.93	107	139388	20.925	ug/l	99
58) Tetrachloroethene	8.56	164	121346	14.779	ug/l	99
59) Chlorobenzene	9.45	112	485020	21.748	ug/l	100
61) Pentachloroethane	11.47	117	26682	4.791	ug/l #	17
63) Ethyl Benzene	9.57	91	875889	23.016	ug/l	99
64) m/p-Xylenes	9.70	106	327968	23.066	ug/l	99
65) o-Xylene	10.10	106	317664	23.143	ug/l	100
66) Styrene	10.11	104	579063	24.019	ug/l	100
67) Bromoform	10.29	173	96843	22.596	ug/l	97
69) Isopropylbenzene	10.48	105	883129	23.377	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	192802	20.218	ug/l	97
71) 1,2,3-Trichloropropane	10.82	75	146548	19.792	ug/l	82
73) n-propylbenzene	11.09	120	383476	36.920	ug/l #	1
75) 1,3,5-Trimethylbenzene	11.09	105	811592	24.530	ug/l	98
77) tert-Butylbenzene	11.47	119	97257	3.160	ug/l #	62
78) 1,2,4-Trimethylbenzene	11.47	105	813891	23.455	ug/l	100
79) sec-Butylbenzene	11.47	105	813891	18.258	ug/l #	58
80) Nitrobenzene	13.20	77	582	1.522	ug/l #	43
82) 1,3-Dichlorobenzene	11.74	146	408336	21.039	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	413574	21.443	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	384259	20.589	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	36482	20.555	ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	259798	24.118	ug/l	100
89) Naphthalene	14.08	128	546059	26.007	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	233832	23.305	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

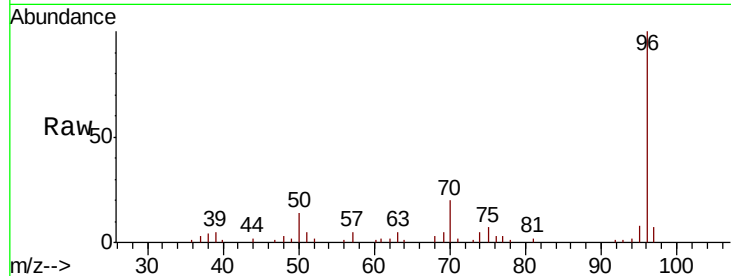
ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 31219

Ion Ratio Lower Upper

96	100		
70	20.1	17.1	25.7
95	0.0	7.6	11.4#
97	0.0	0.0	0.0

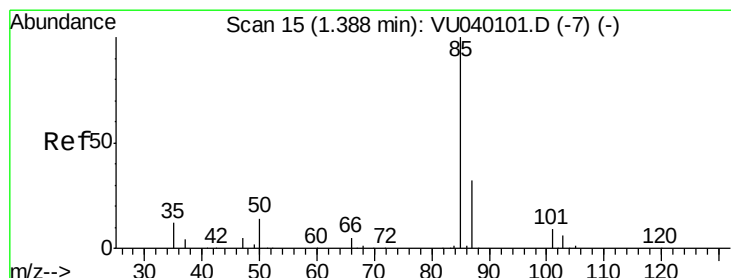
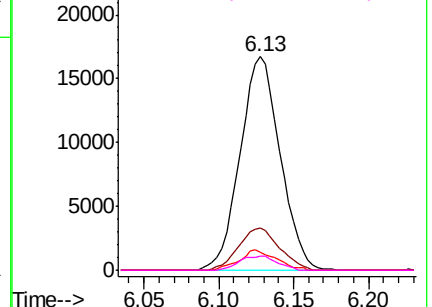
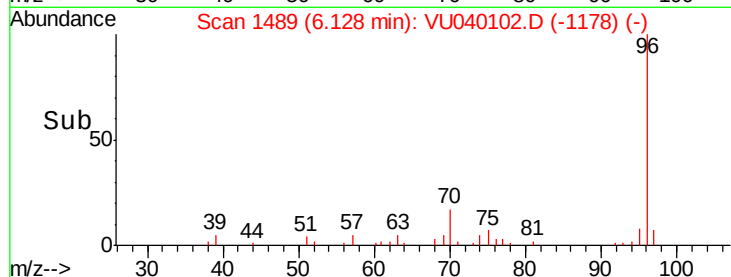


Abundance Ion 96.00 (95.70 to 96.70): VU040101.D (-1475) (-)

Ion 70.00 (69.70 to 70.70): VU040101.D (-1475) (-)

Ion 95.00 (94.70 to 95.70): VU040101.D (-1475) (-)

Ion 97.00 (96.70 to 97.70): VU040101.D (-1475) (-)



#2

Dichlorodifluoromethane

Concen: 30.359 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

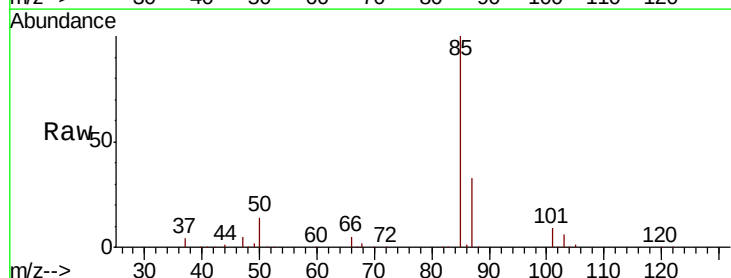
Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Tgt Ion: 85 Resp: 269123

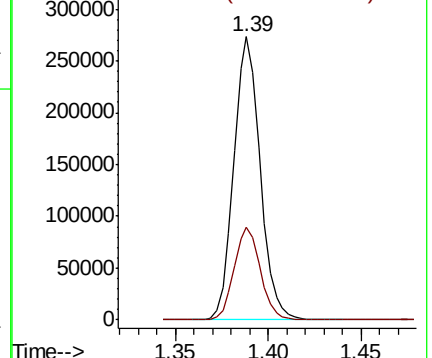
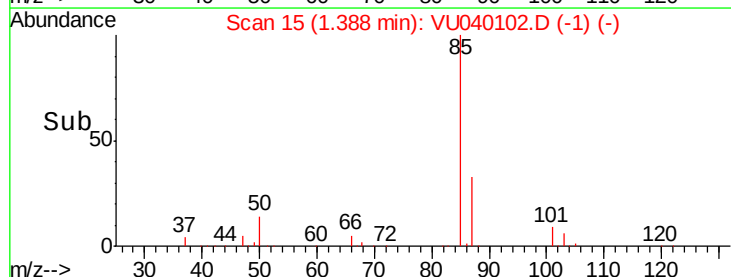
Ion Ratio Lower Upper

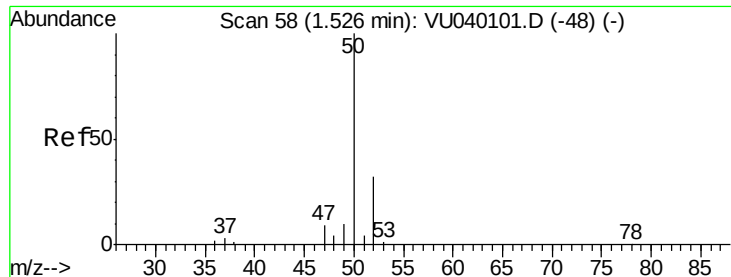
85	100		
87	32.9	15.6	46.8



Abundance Ion 85.00 (84.70 to 85.70): VU040101.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU040101.D (-7) (-)





#3

Chloromethane

Concen: 22.868 ug/l

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

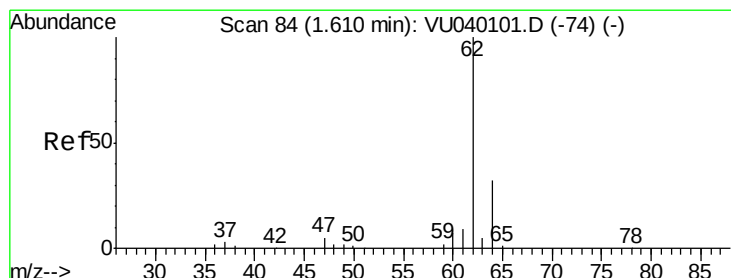
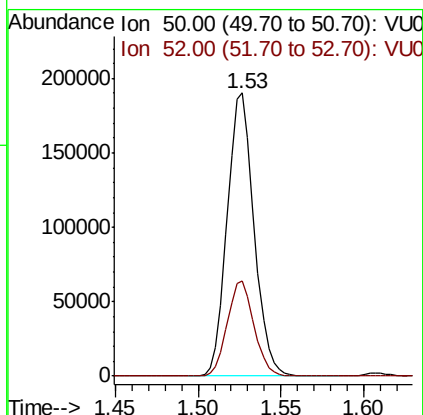
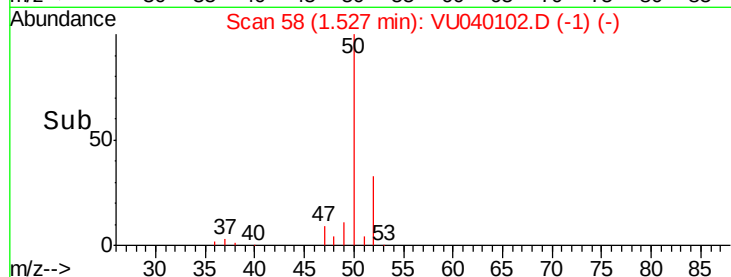
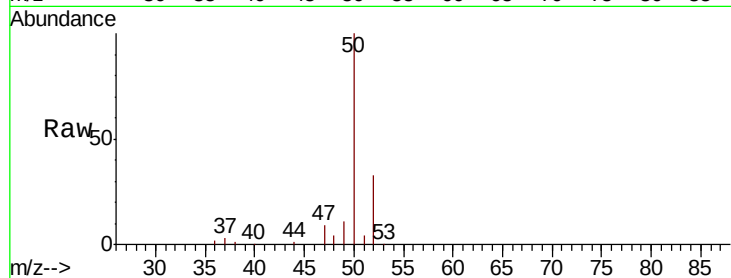
VSTDIC020

Tot Ion: 50 Resp: 214433

Ion Ratio Lower Upper

50 100

52 33.4 25.9 38.9



#4

Vinyl Chloride

Concen: 26.481 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040102.D

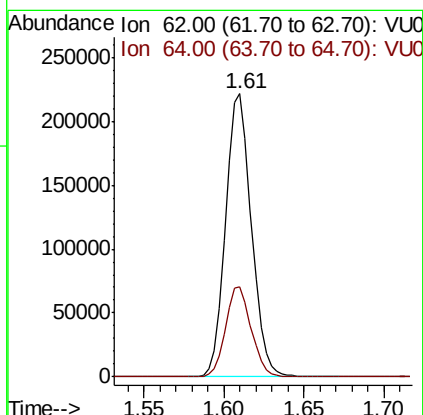
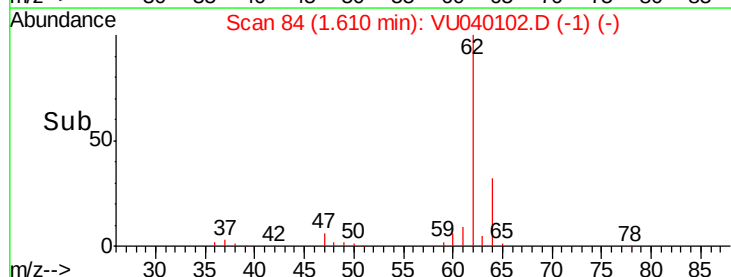
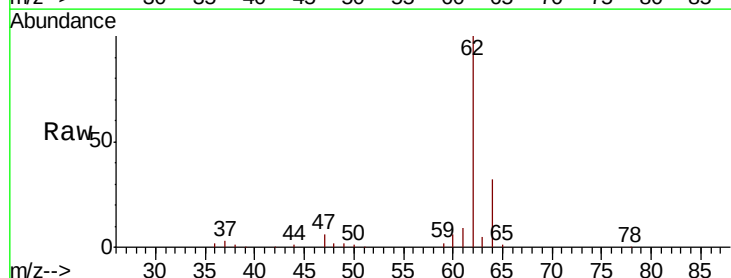
Acq: 11 Sep 2020 12:56

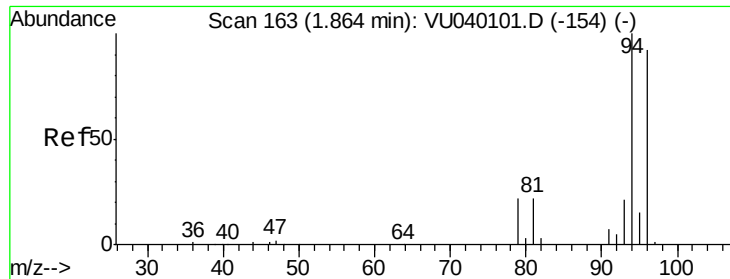
Tgt Ion: 62 Resp: 244178

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0

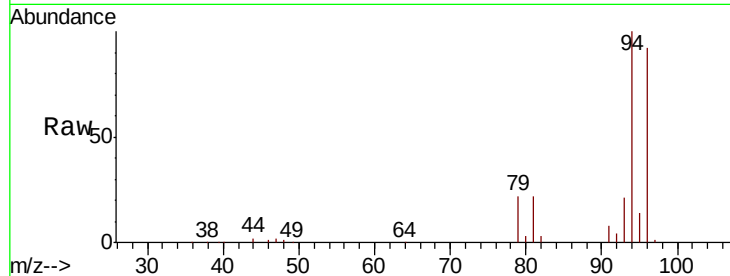




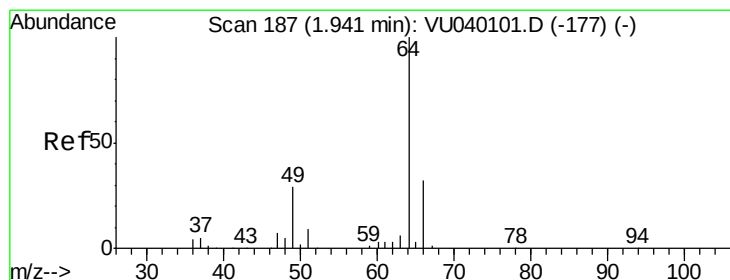
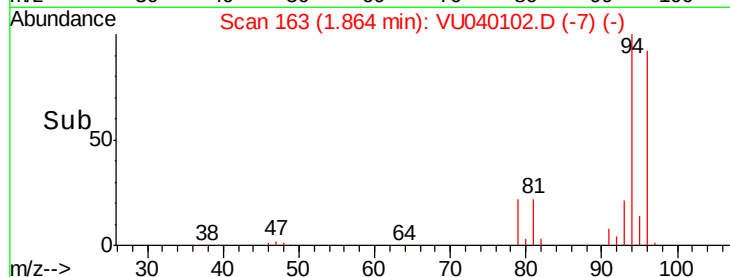
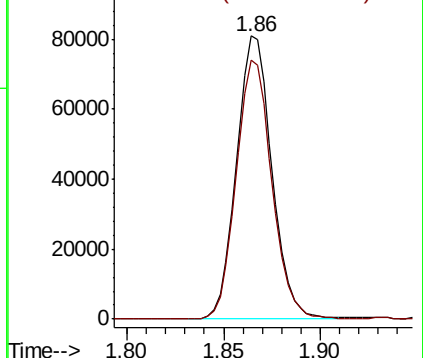
#5
Bromomethane
Concen: 14.983 ug/l
RT: 1.86 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tot Ion: 94 Resp: 102887
Ion Ratio Lower Upper
94 100
96 91.6 75.4 113.2

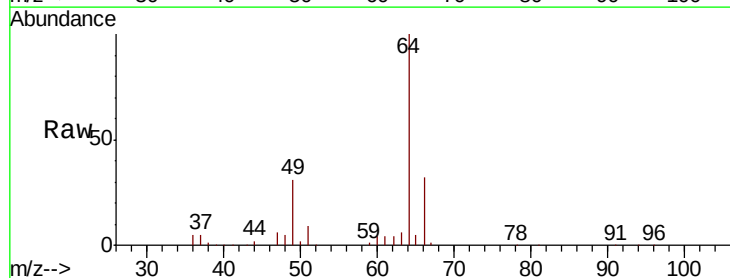


Abundance Ion 94.00 (93.70 to 94.70): VU0
Ion 96.00 (95.70 to 96.70): VU0

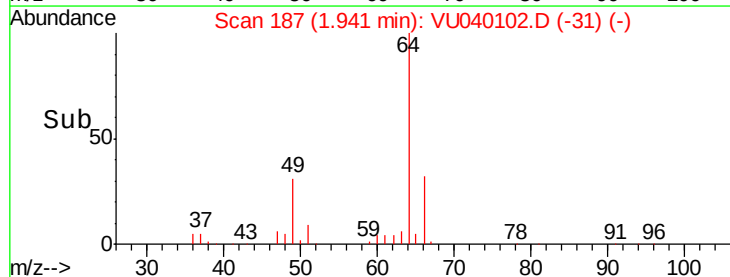
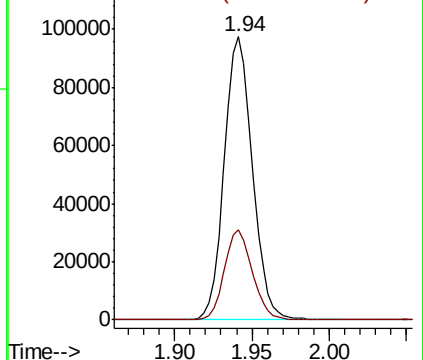


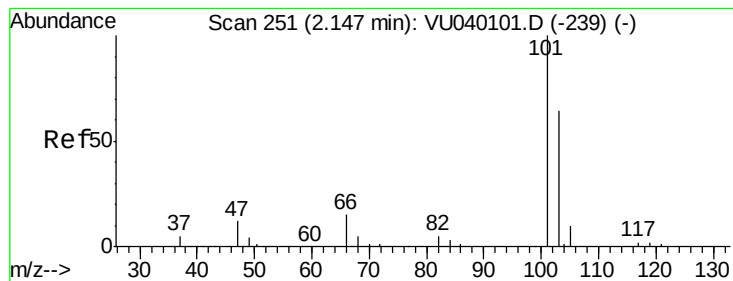
#6
Chloroethane
Concen: 20.051 ug/l
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

Tgt Ion: 64 Resp: 121920
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1



Abundance Ion 64.00 (63.70 to 64.70): VU0
Ion 66.00 (65.70 to 66.70): VU0



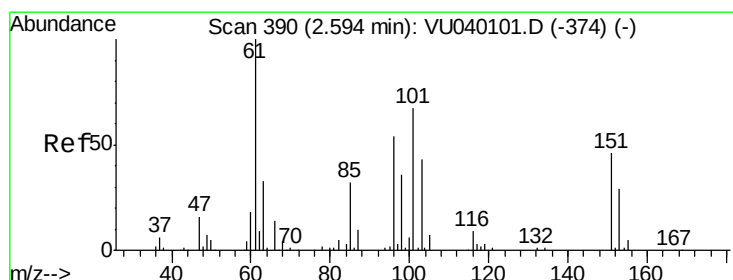
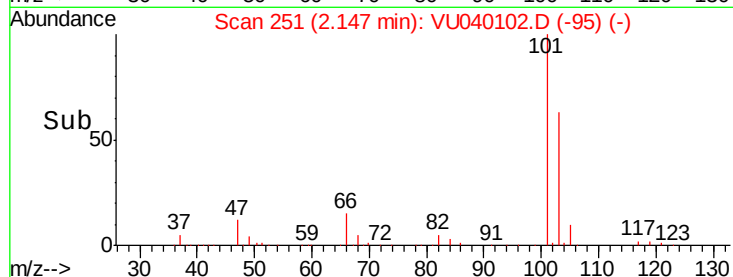
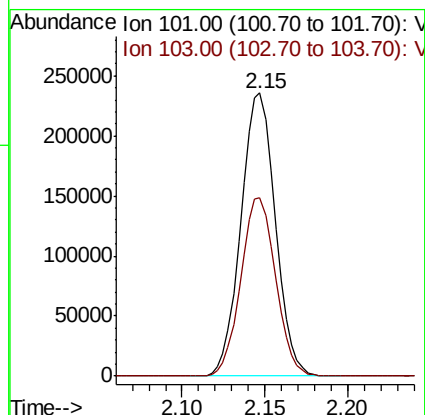
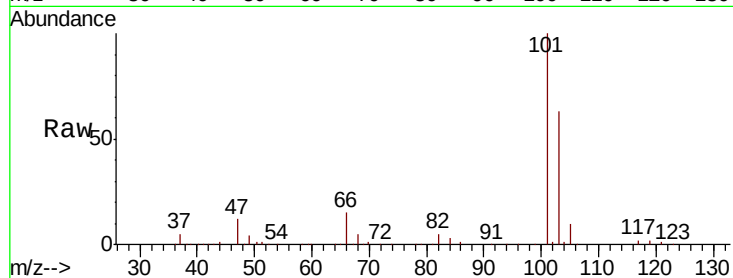


#7

Trichlorofluoromethane
Concen: 24.576 ug/l
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

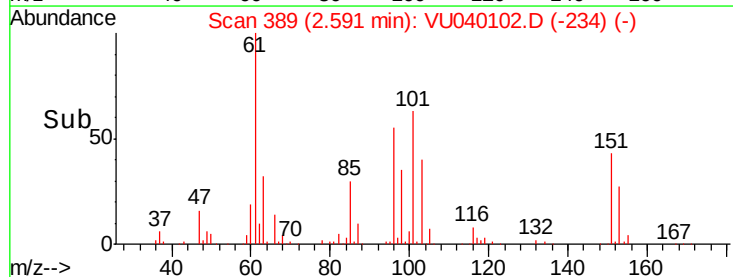
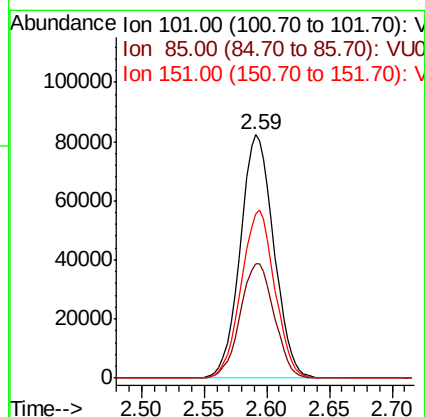
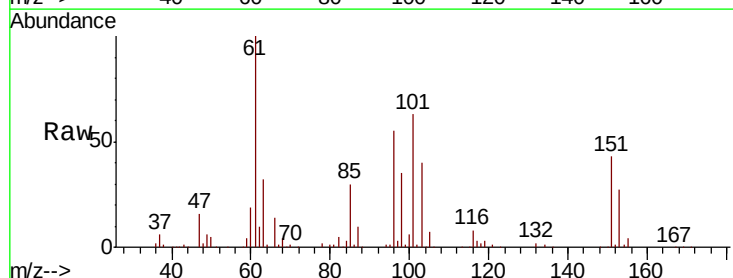
Tot Ion:101 Resp: 340119
Ion Ratio Lower Upper
101 100
103 62.9 50.8 76.2

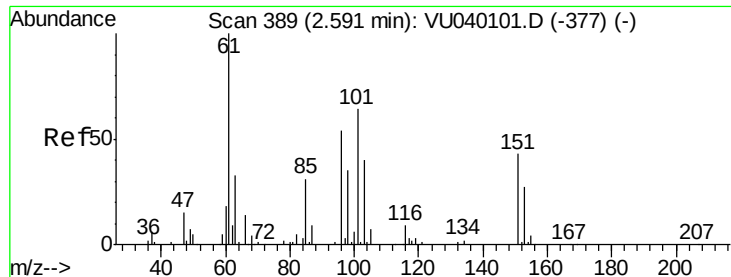


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.156 ug/l
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

Tgt Ion:101 Resp: 152977
Ion Ratio Lower Upper
101 100
85 47.8 38.5 57.7
151 68.9 54.6 81.8

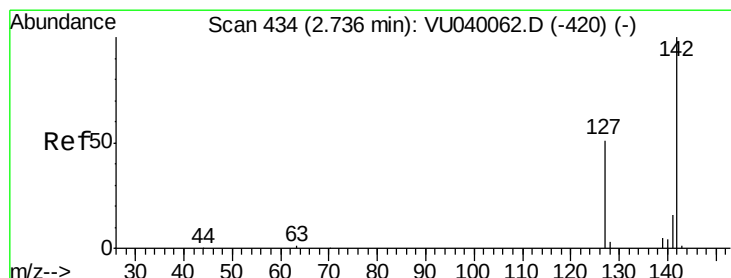
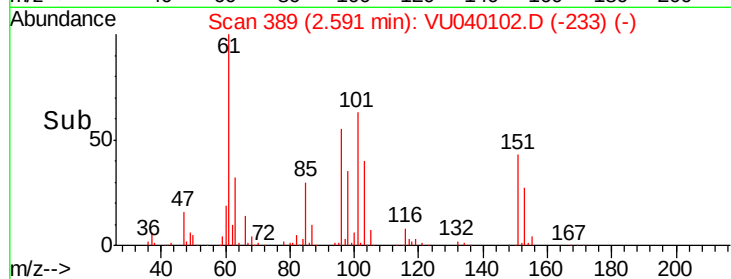
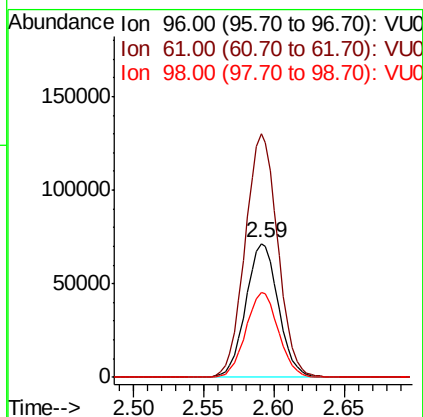
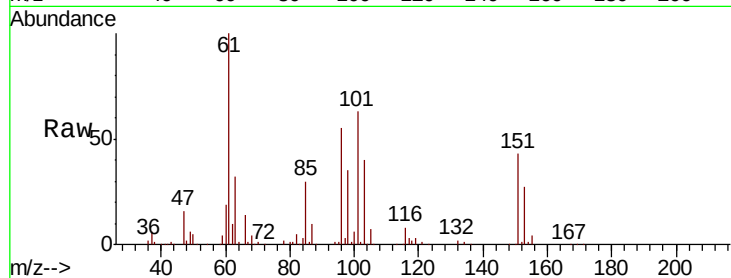




#9
 1,1-Dichloroethene
 Concen: 17.016 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

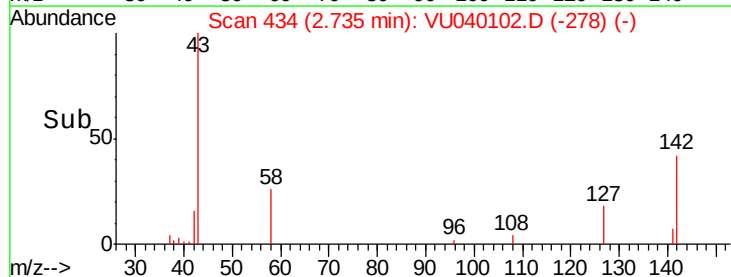
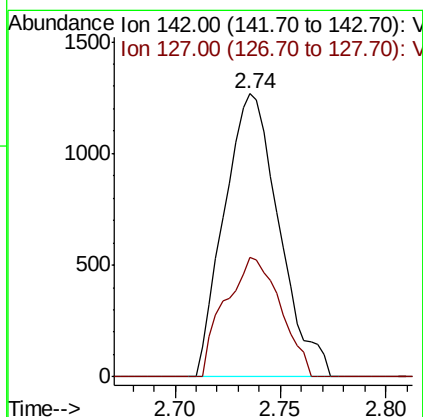
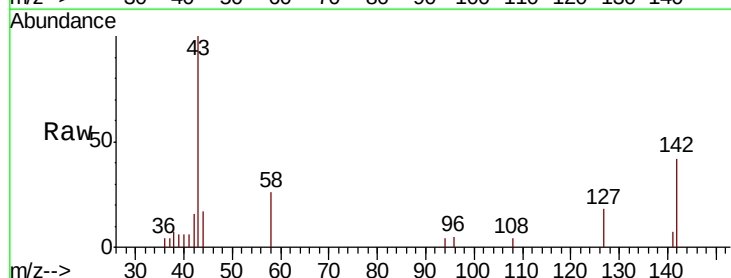
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

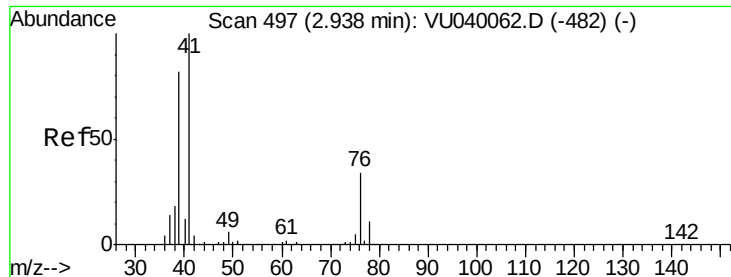
Tot Ion: 96 Resp: 114892
 Ion Ratio Lower Upper
 96 100
 61 182.5 0.0 557.1
 98 63.6 0.0 125.6



#10
 Iodomethane
 Concen: 0.428 ug/l
 RT: 2.74 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Tgt Ion: 142 Resp: 2285
 Ion Ratio Lower Upper
 142 100
 127 42.7 41.4 62.0

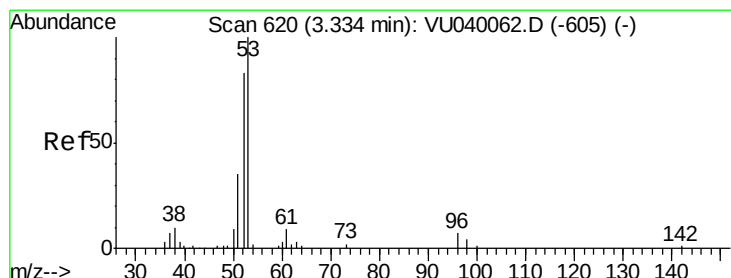
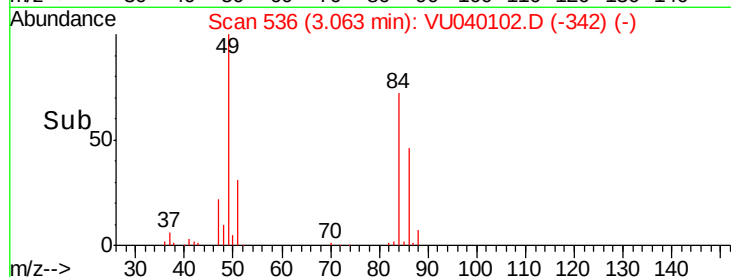
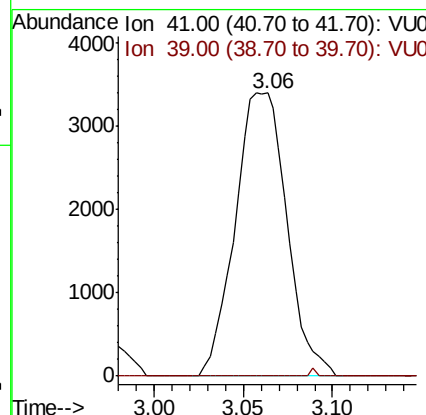
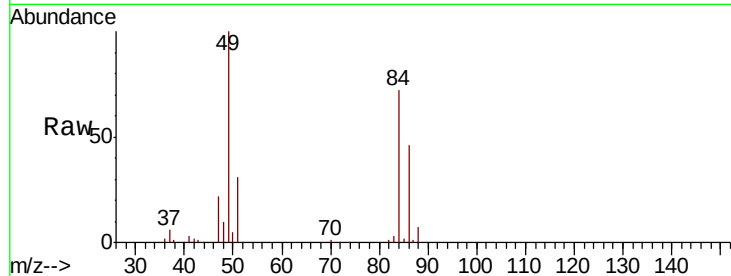




#11
 Allvl Chloride
 Concen: 0.515 ug/l
 RT: 3.06 min Scan# 536
 Delta R.T. 0.13 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

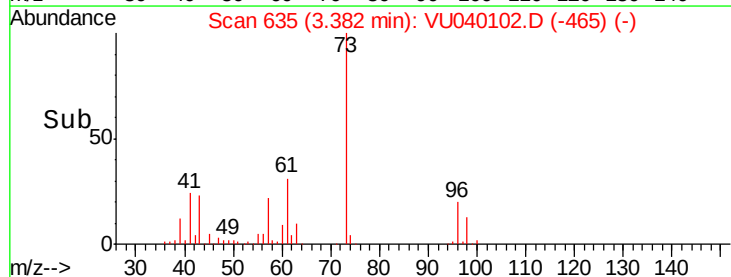
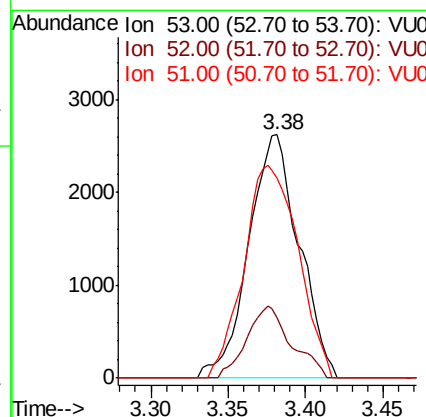
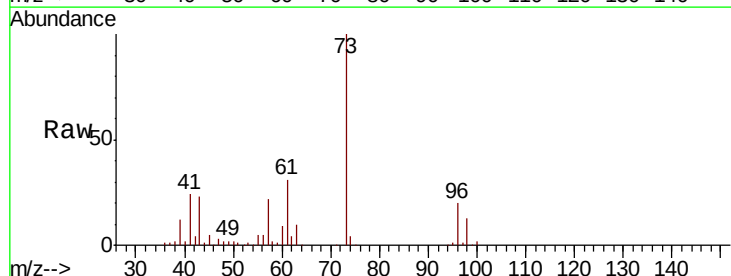
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

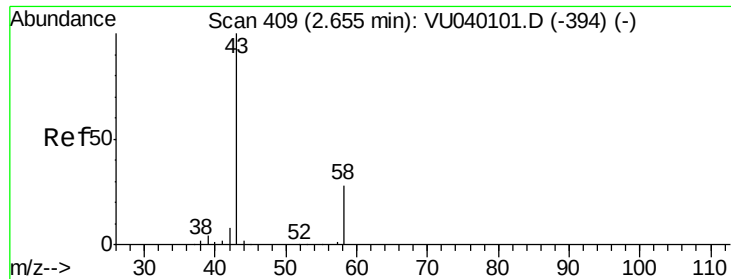
Tot Ion: 41 Resp: 6874
 Ion Ratio Lower Upper
 41 100
 39 0.0 64.6 96.8#



#12
 Acrylonitrile
 Concen: 2.529 ug/l
 RT: 3.38 min Scan# 635
 Delta R.T. 0.05 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Tgt Ion: 53 Resp: 5937
 Ion Ratio Lower Upper
 53 100
 52 26.2 64.0 96.0#
 51 94.0 28.2 42.2#





#13

Acetone

Concen: 198.729 ug/l

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

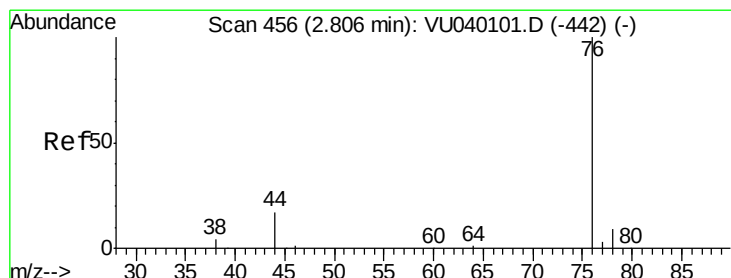
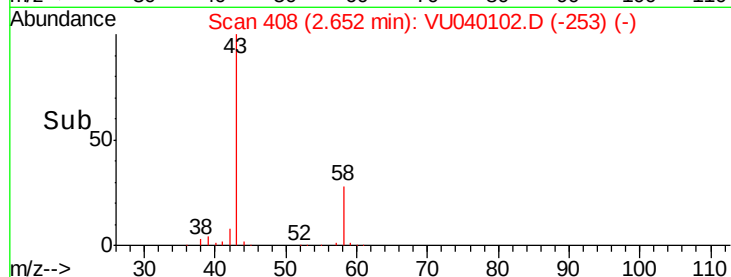
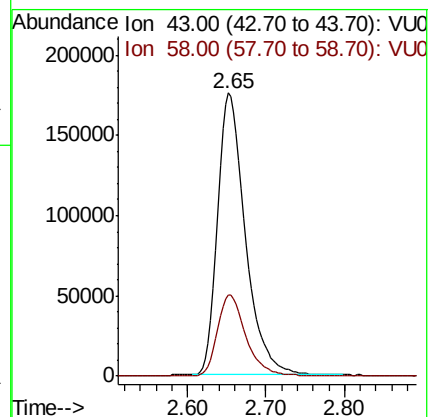
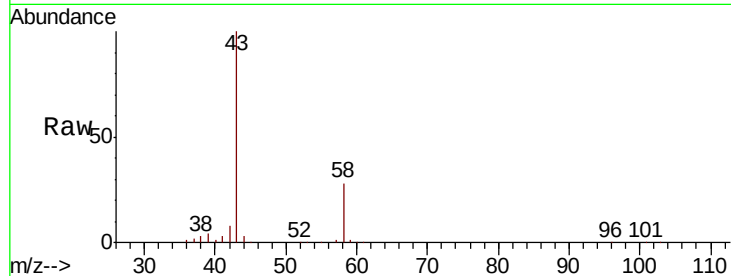
VSTDIC020

Tot Ion: 43 Resp: 427565

Ion Ratio Lower Upper

43 100

58 28.6 20.6 31.0



#14

Carbon Disulfide

Concen: 10.195 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040102.D

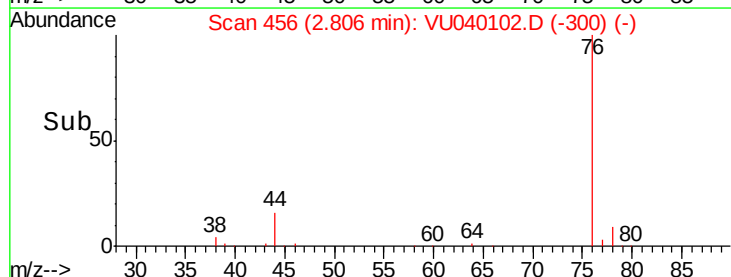
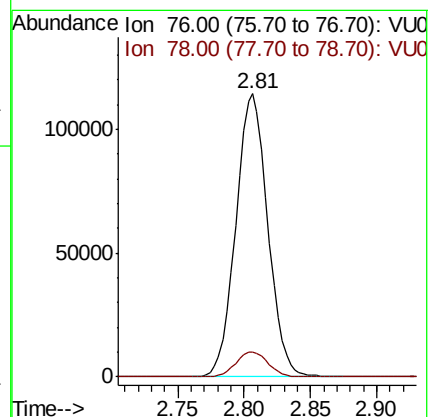
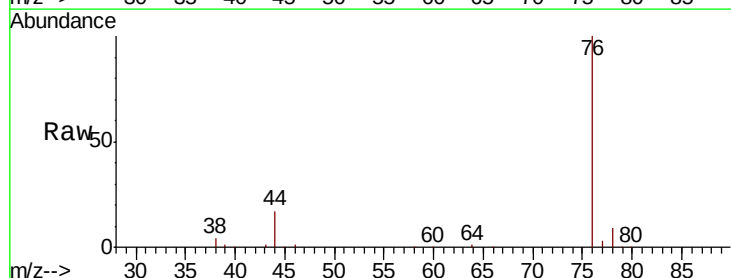
Acq: 11 Sep 2020 12:56

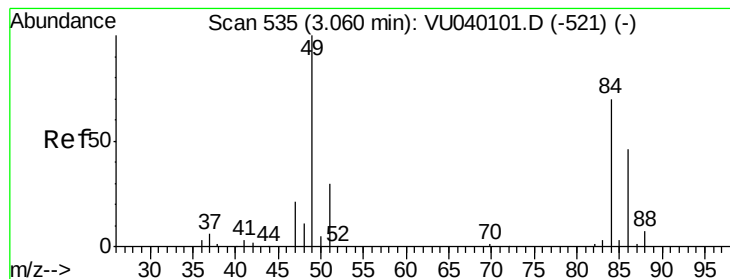
Tgt Ion: 76 Resp: 191156

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8





#15

Methylene Chloride

Concen: 15.349 ug/l

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tot Ion: 84 Resp: 158719

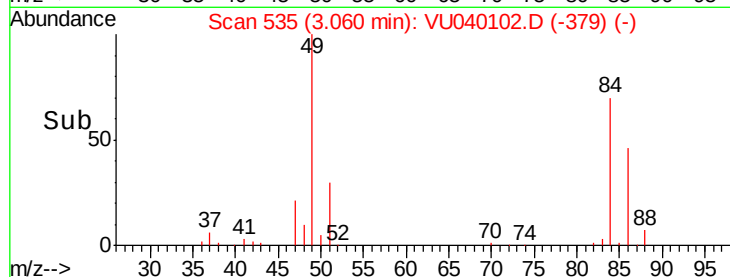
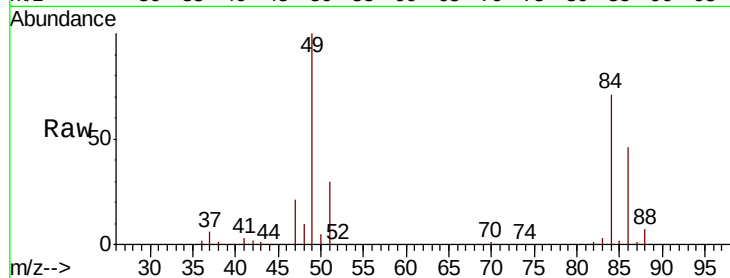
Ion Ratio Lower Upper

84 100

49 141.6 114.3 171.5

51 42.8 0.0 84.6

86 65.2 50.6 76.0

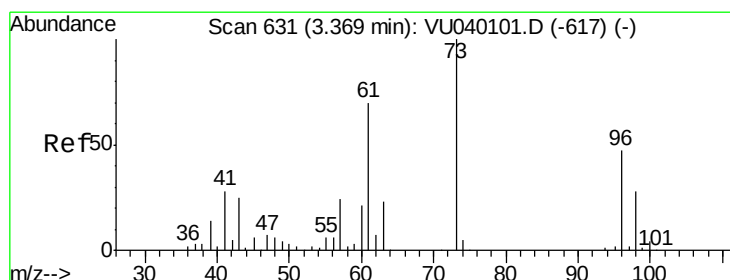
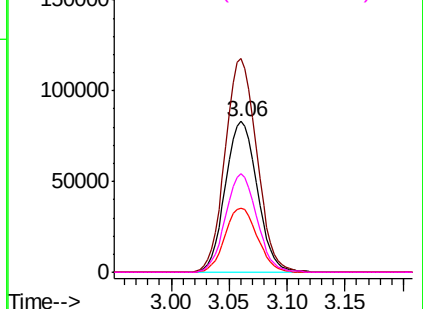


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 17.694 ug/l

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

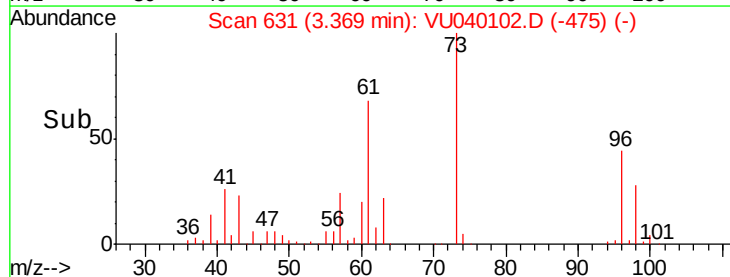
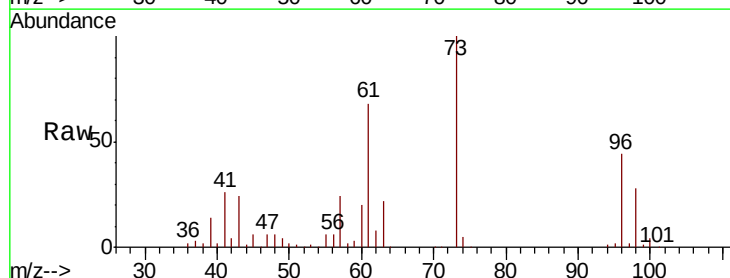
Tgt Ion: 96 Resp: 129722

Ion Ratio Lower Upper

96 100

61 155.5 121.4 182.0

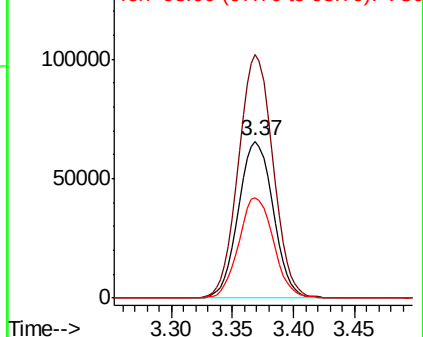
98 64.4 51.9 77.9

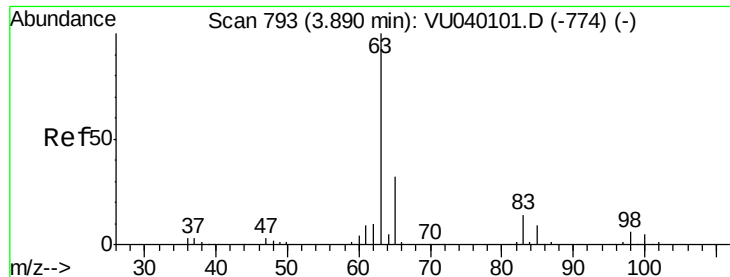


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#17

1,1-Dichloroethane

Concen: 19.834 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

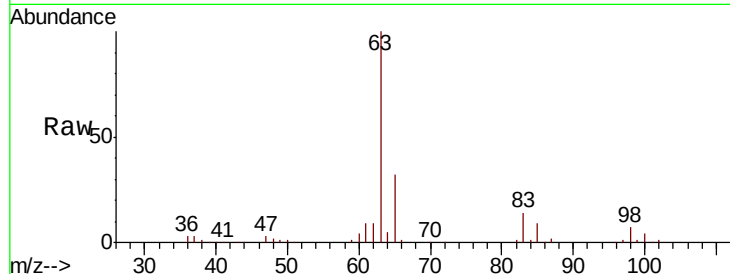
Tot Ion: 63 Resp: 317258

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

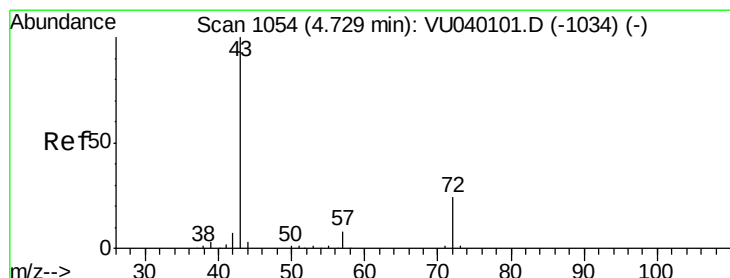
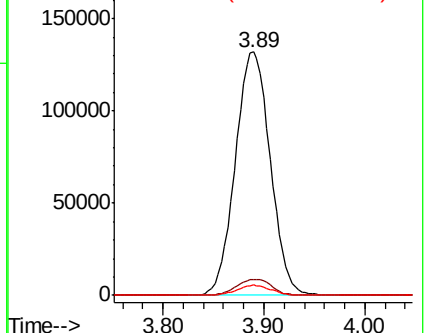
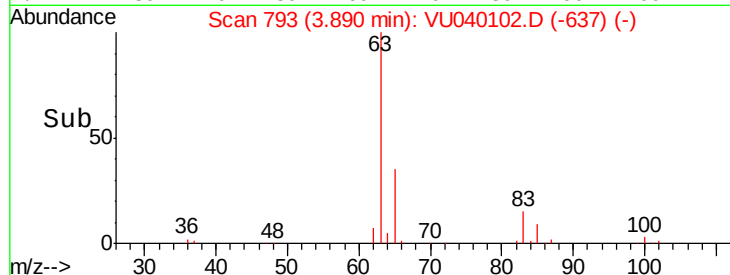
100 4.2 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VU040102.D (-637) (-)

Ion 98.00 (97.70 to 98.70): VU040102.D (-98) (-)

Ion 100.00 (99.70 to 100.70): VU040102.D (-100) (-)



#18

2-Butanone

Concen: 213.200 ug/l

RT: 4.73 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VU040102.D

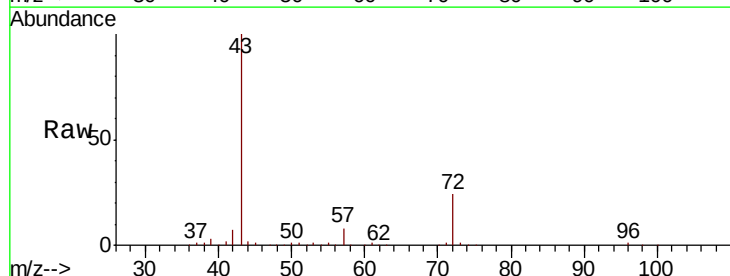
Acq: 11 Sep 2020 12:56

Tgt Ion: 43 Resp: 699607

Ion Ratio Lower Upper

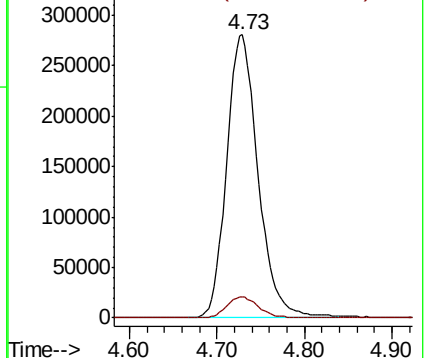
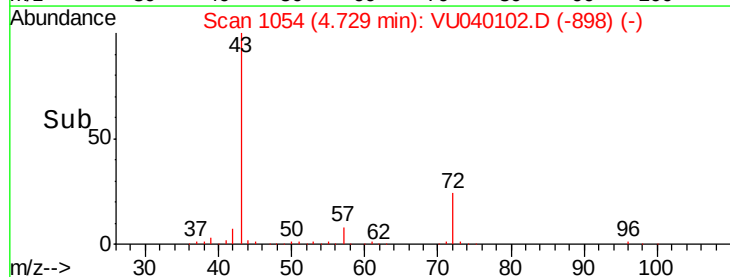
43 100

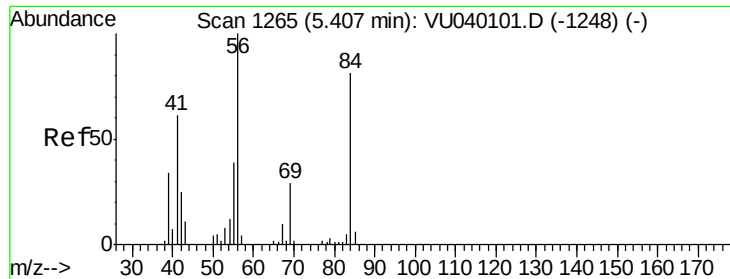
57 7.6 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040102.D (-898) (-)

Ion 57.00 (56.70 to 57.70): VU040102.D (-57) (-)

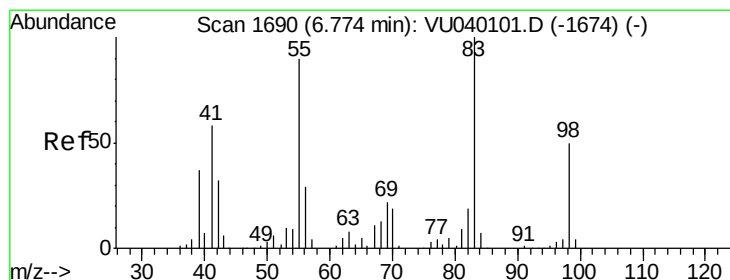
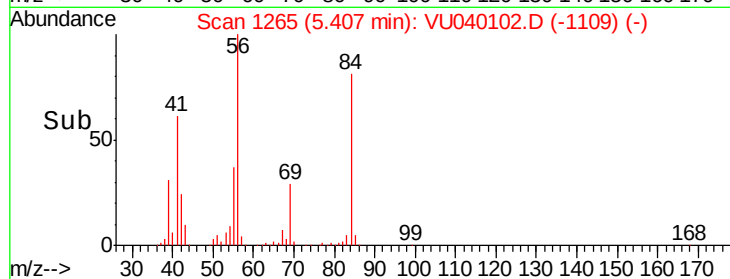
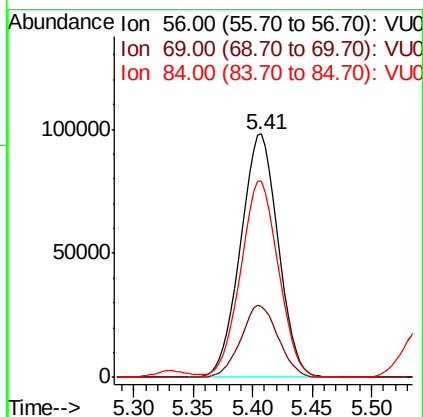
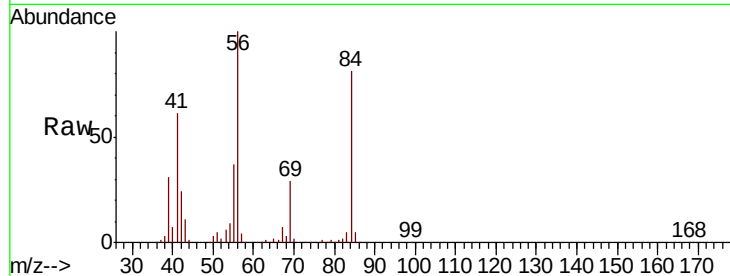




#19
Cyclohexane
Concen: 16.192 ug/l
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

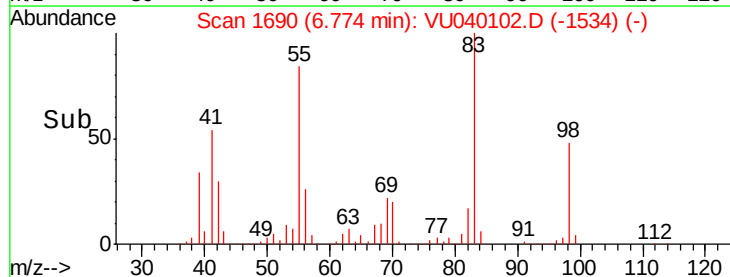
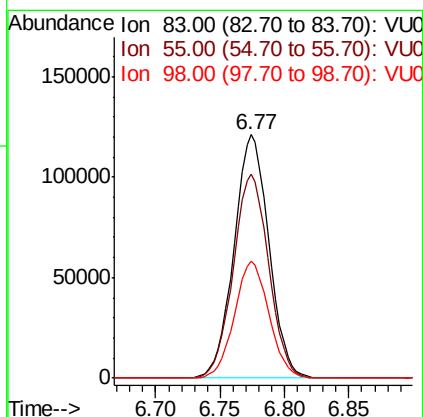
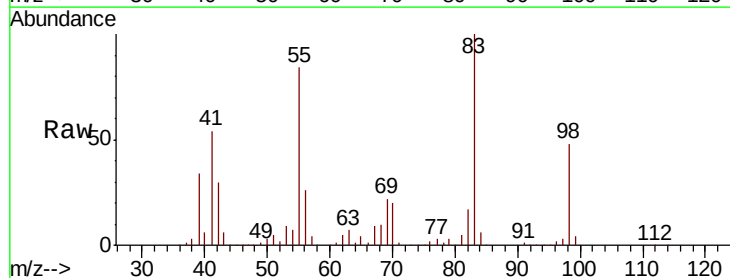
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

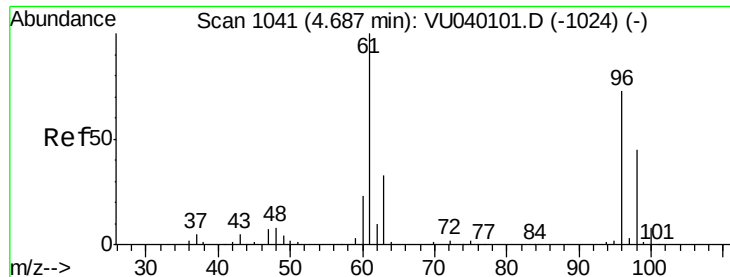
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.5	35.3
84	79.4	63.8	95.6



#20
Methylcyclohexane
Concen: 18.490 ug/l
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.7	69.4	104.2
98	47.5	37.5	56.3





#22

cis-1,2-Dichloroethene

Concen: 19.831 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

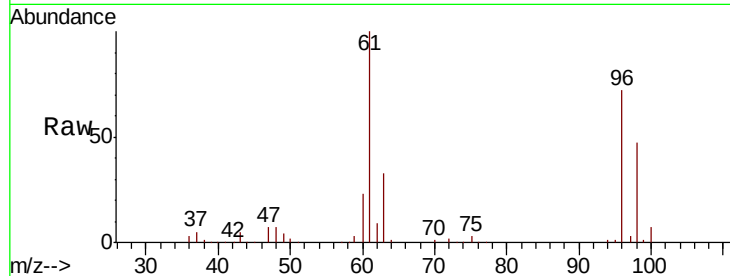
Tot Ion: 96 Resp: 169325

Ion Ratio Lower Upper

96 100

61 139.8 0.0 420.0

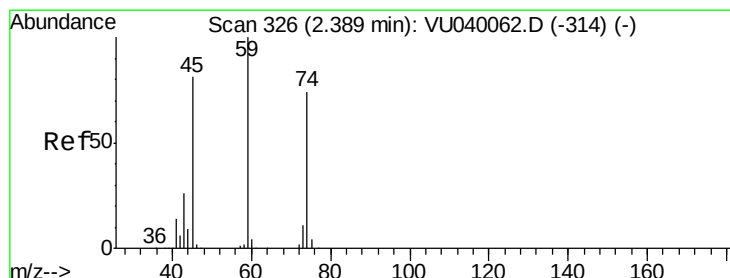
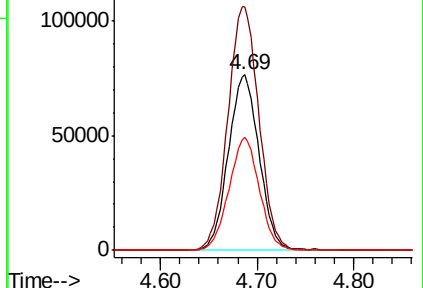
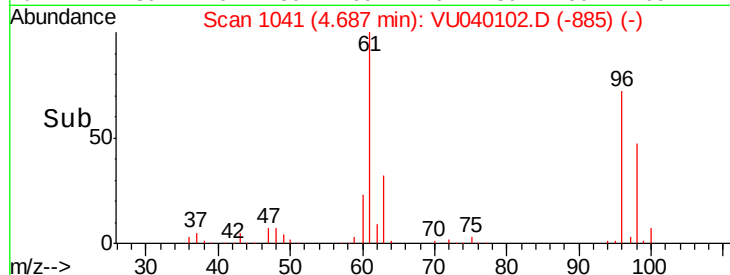
98 63.3 31.8 95.3



Abundance Ion 96.00 (95.70 to 96.70): VU040102.D (-885) (-)

Ion 61.00 (60.70 to 61.70): VU040102.D (-885) (-)

Ion 98.00 (97.70 to 98.70): VU040102.D (-885) (-)



#23

Diethyl Ether

Concen: 1.515 ug/l

RT: 2.59 min Scan# 389

Delta R.T. 0.20 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

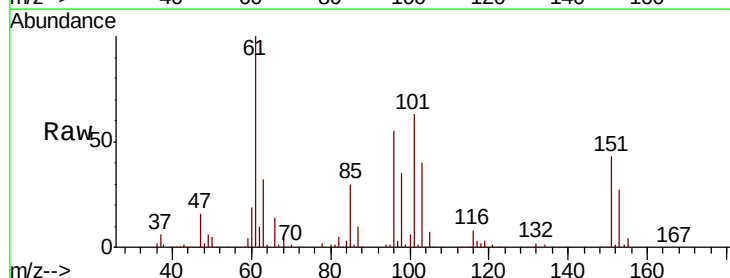
Tgt Ion: 59 Resp: 9693

Ion Ratio Lower Upper

59 100

45 0.5 62.4 93.6#

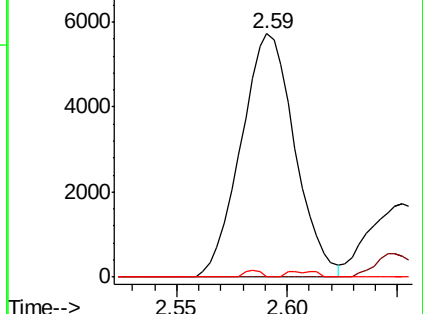
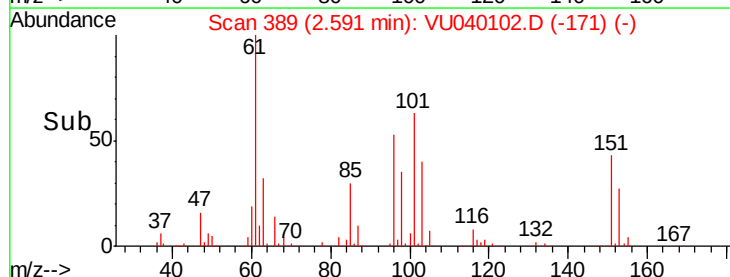
74 0.9 57.7 86.5#

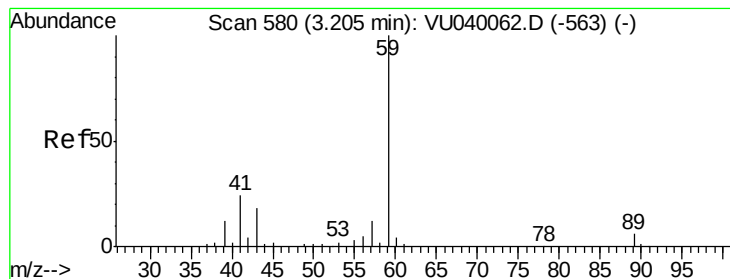


Abundance Ion 59.00 (58.70 to 59.70): VU040102.D (-171) (-)

Ion 45.00 (44.70 to 45.70): VU040102.D (-171) (-)

Ion 74.00 (73.70 to 74.70): VU040102.D (-171) (-)





#24

tert-Butyl Alcohol

Concen: 4.199 ug/l

RT: 3.20 min Scan# 579

Delta R.T. -0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

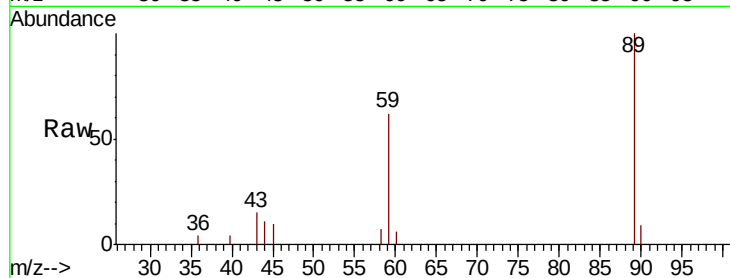
VSTDIC020

Tot Ion: 59 Resp: 3615

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VU040102.D (-563) (-)

Ion 57.00 (56.70 to 57.70): VU040102.D (-563) (-)

3.20

1500

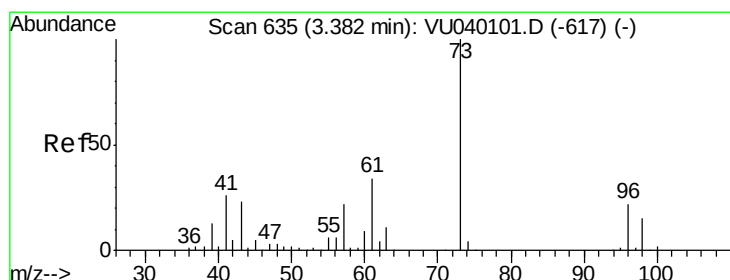
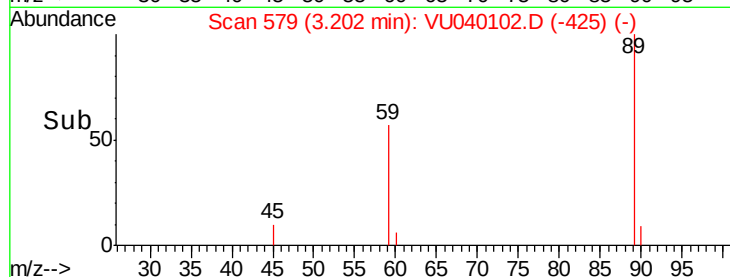
1000

500

0

3.15 3.20 3.25

Time-->



#25

Methyl tert-Butyl Ether

Concen: 20.583 ug/l

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU040102.D

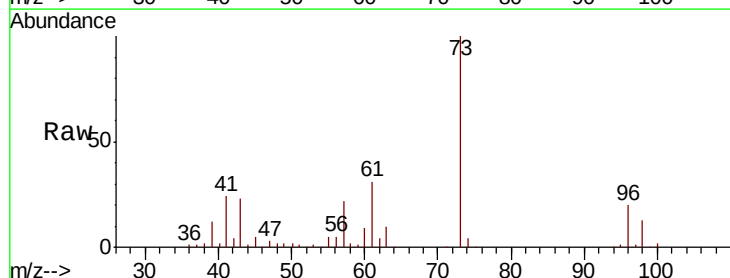
Acq: 11 Sep 2020 12:56

Tgt Ion: 73 Resp: 463470

Ion Ratio Lower Upper

73 100

43 23.4 20.0 30.0



Abundance Ion 73.00 (72.70 to 73.70): VU040102.D (-479) (-)

Ion 43.00 (42.70 to 43.70): VU040102.D (-479) (-)

3.38

200000

150000

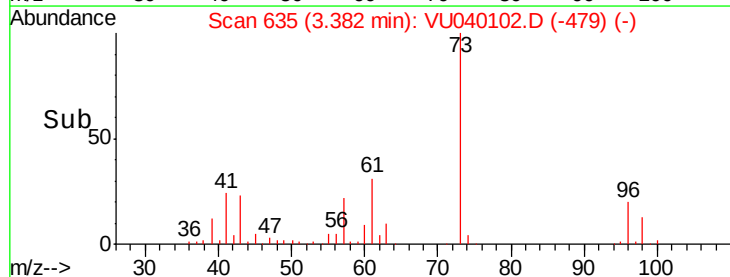
100000

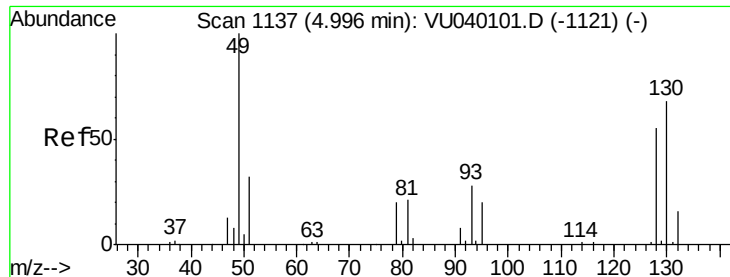
50000

0

3.30 3.40 3.50

Time-->





#26

Bromochloromethane

Concen: 21.073 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

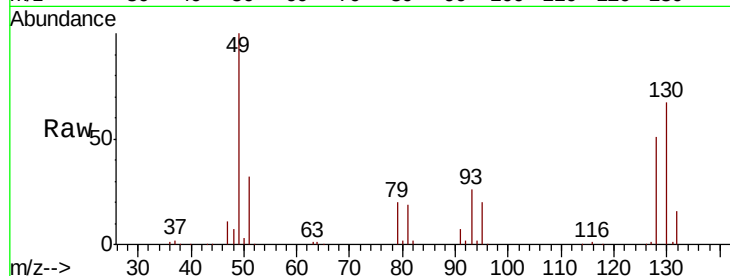
Tot Ion:128 Resp: 78165

Ion Ratio Lower Upper

128 100

49 192.0 0.0 390.6

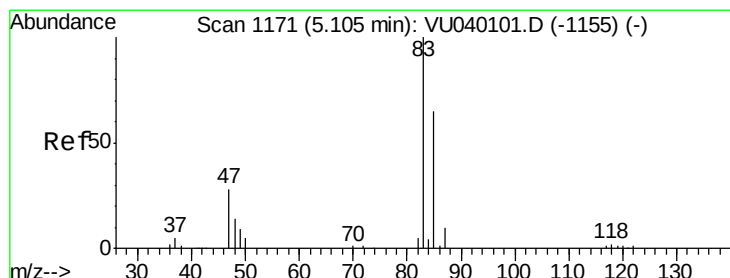
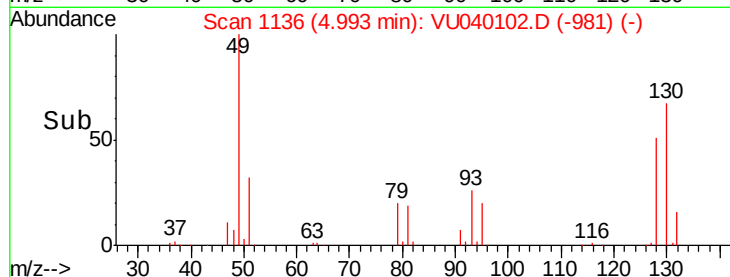
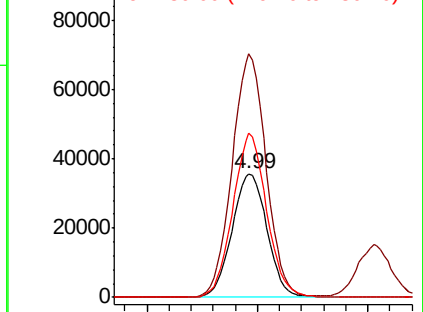
130 128.7 104.9 157.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V



#27

Chloroform

Concen: 20.936 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040102.D

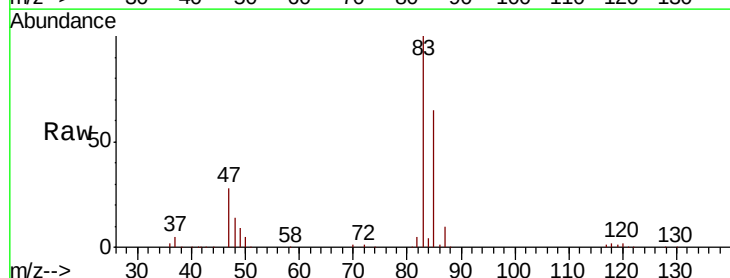
Acq: 11 Sep 2020 12:56

Tgt Ion: 83 Resp: 339981

Ion Ratio Lower Upper

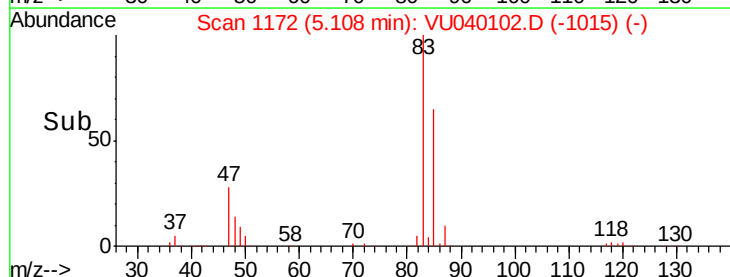
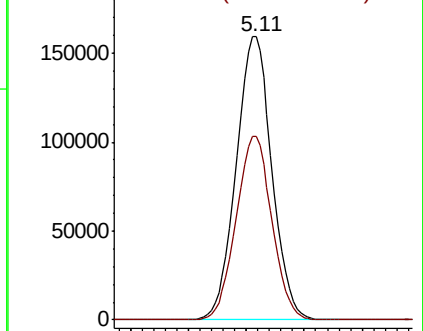
83 100

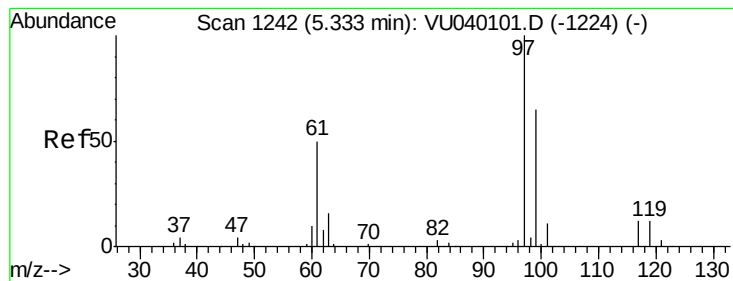
85 65.0 0.0 132.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#28

1,1,1-Trichloroethane

Concen: 20.476 ug/l

RT: 5.33 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

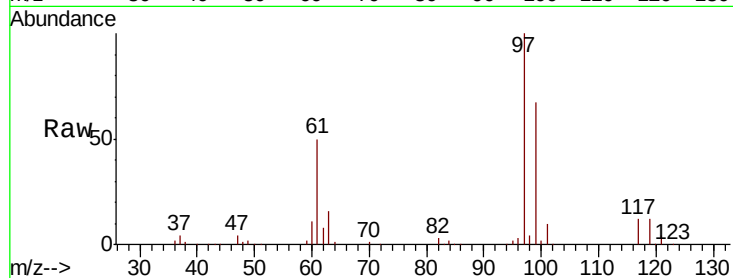
Tot Ion: 97 Resp: 289173

Ion Ratio Lower Upper

97 100

99 64.8 31.8 95.4

61 50.2 25.1 75.2

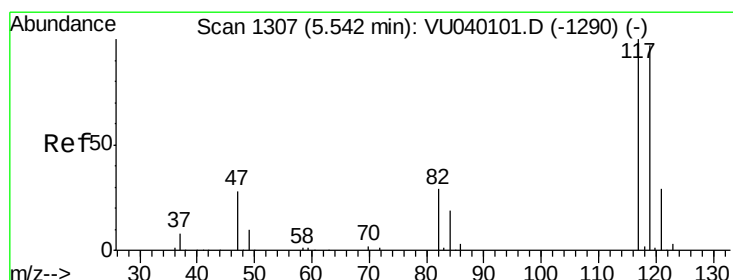
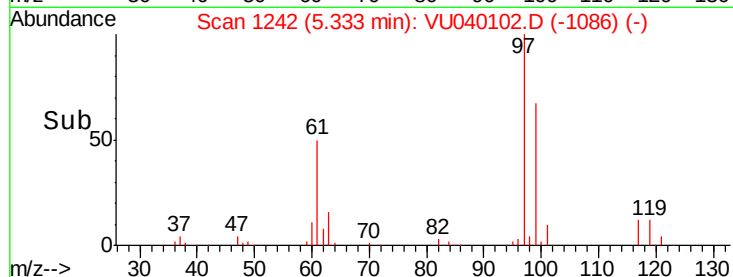
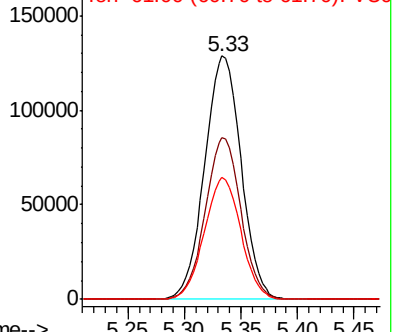


Abundance

Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#30

Carbon Tetrachloride

Concen: 19.030 ug/l

RT: 5.54 min Scan# 1307

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

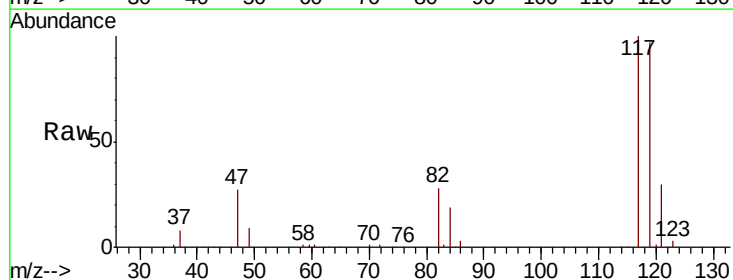
Tgt Ion: 117 Resp: 243786

Ion Ratio Lower Upper

117 100

119 96.8 77.0 115.4

121 30.2 24.2 36.4

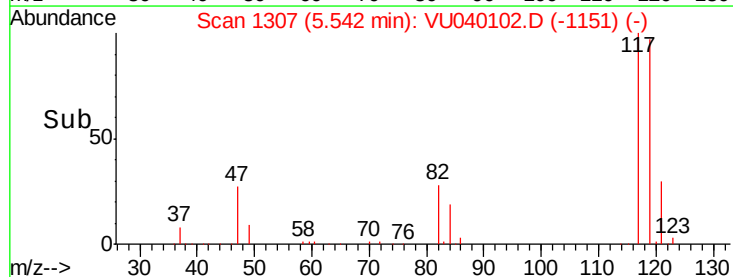
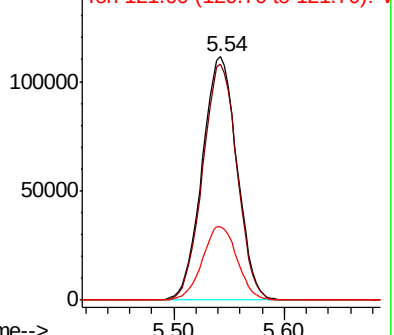


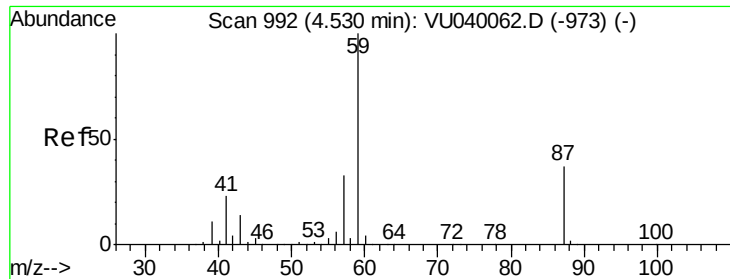
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#32

Ethyl-t-butyl ether

Concen: 0.257 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.16 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

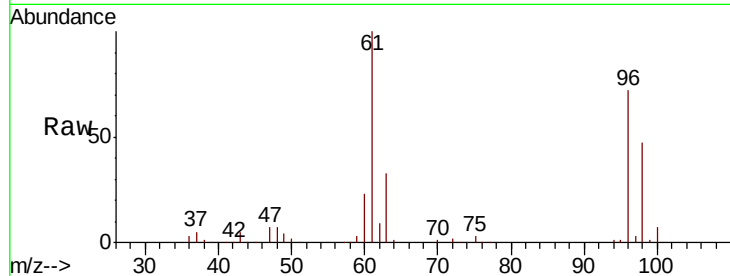
VSTDIC020

Tot Ion: 59 Resp: 6412

Ion Ratio Lower Upper

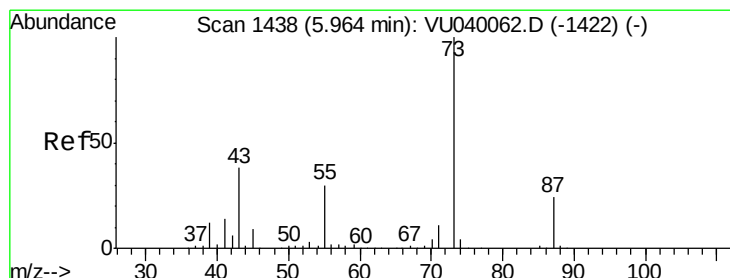
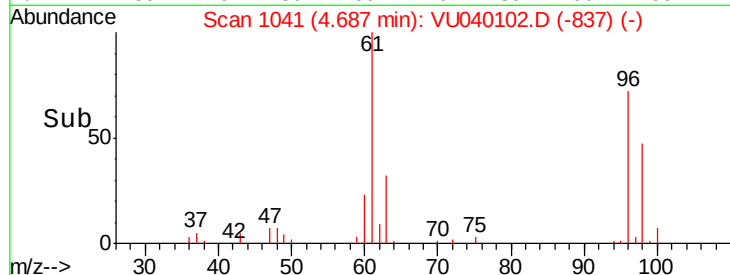
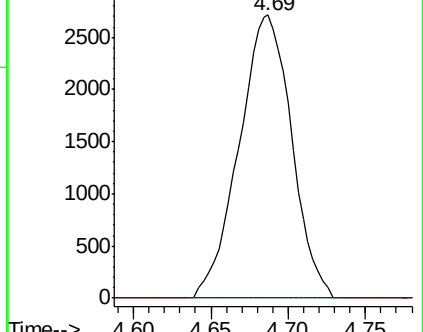
59 100

87 0.0 30.7 46.1#



Abundance Ion 59.00 (58.70 to 59.70): VU040102.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU040102.D (-837) (-)



#33

Tert-Amyl methyl ether

Concen: 0.513 ug/l

RT: 5.79 min Scan# 1384

Delta R.T. -0.17 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

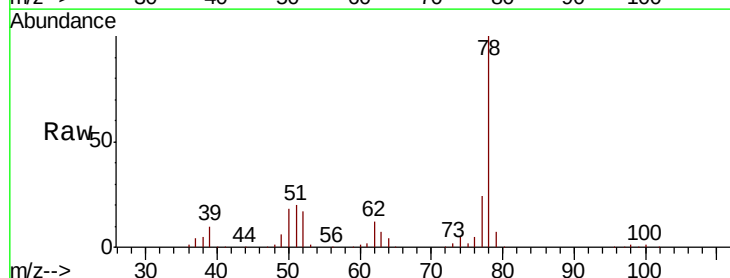
Tgt Ion: 73 Resp: 11281

Ion Ratio Lower Upper

73 100

87 0.0 19.4 29.0#

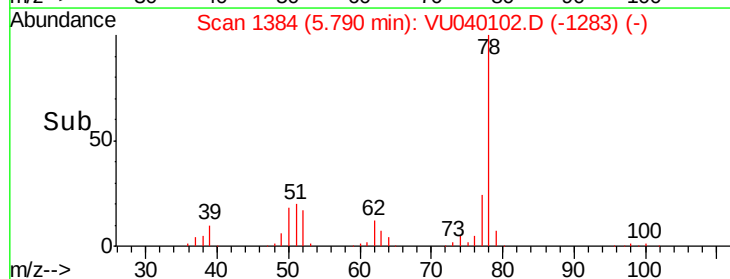
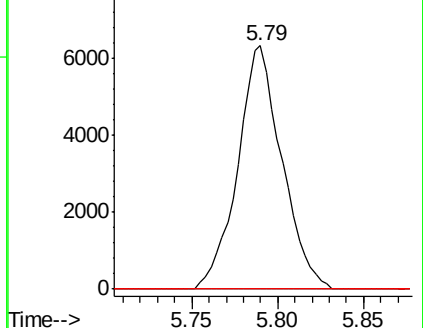
71 0.4 9.2 13.8#

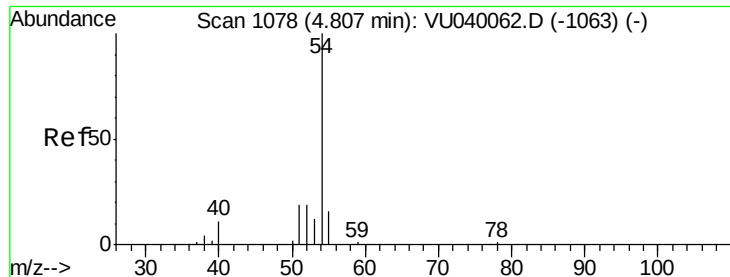


Abundance Ion 73.00 (72.70 to 73.70): VU040102.D (-1283) (-)

Ion 87.00 (86.70 to 87.70): VU040102.D (-1283) (-)

Ion 71.00 (70.70 to 71.70): VU040102.D (-1283) (-)





#34

Propionitrile

Concen: 2.005 ug/l

RT: 4.73 min Scan# 1053

Delta R.T. -0.08 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tot Ion: 54 Resp: 1666

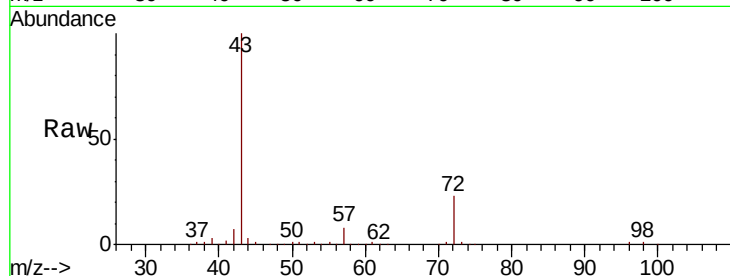
Ion Ratio Lower Upper

54 100

52 85.1 16.2 24.4#

55 428.3 12.6 18.8#

40 211.2 7.9 11.9#

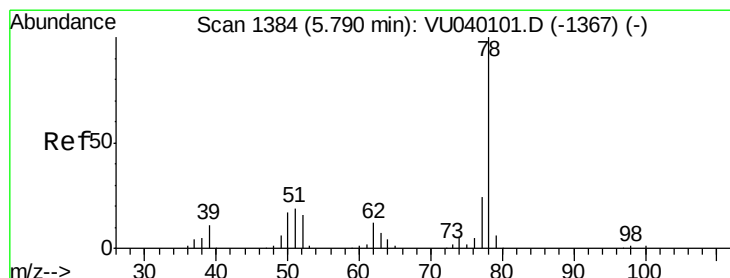
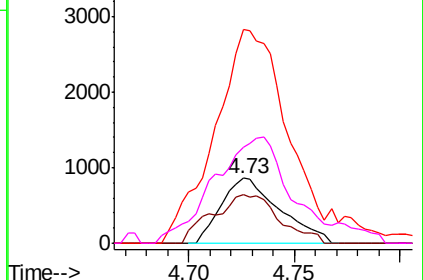
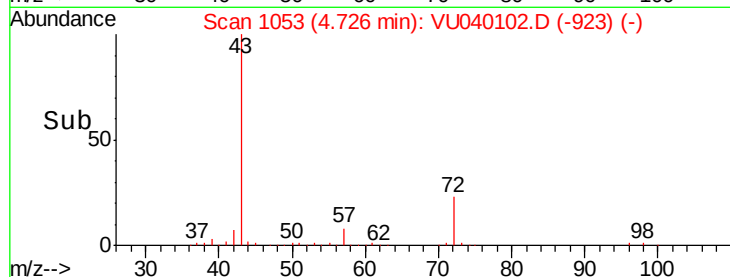


Abundance Ion 54.00 (53.70 to 54.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 40.00 (39.70 to 40.70): VU0



#35

Benzene

Concen: 19.174 ug/l

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040102.D

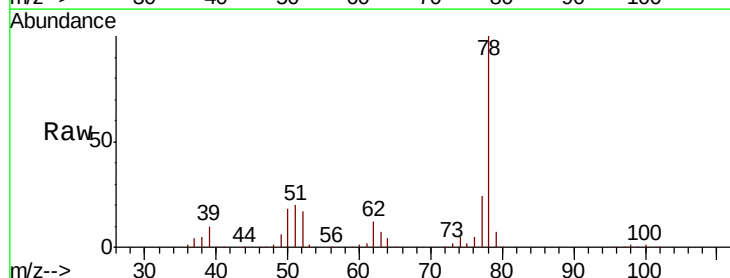
Acq: 11 Sep 2020 12:56

Tgt Ion: 78 Resp: 637992

Ion Ratio Lower Upper

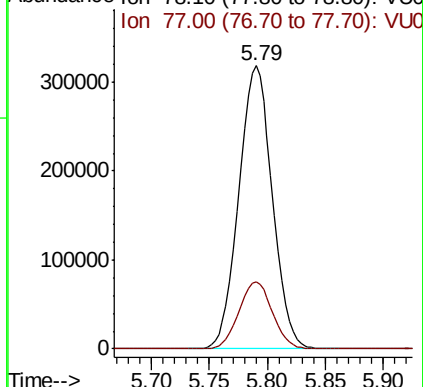
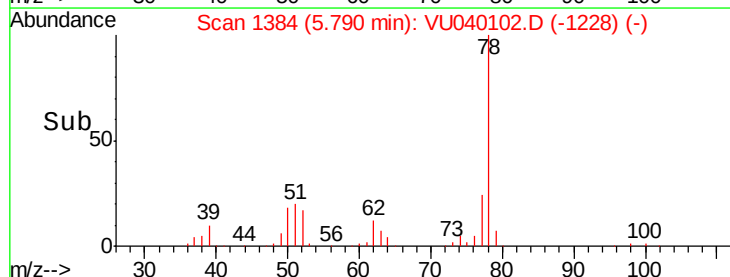
78 100

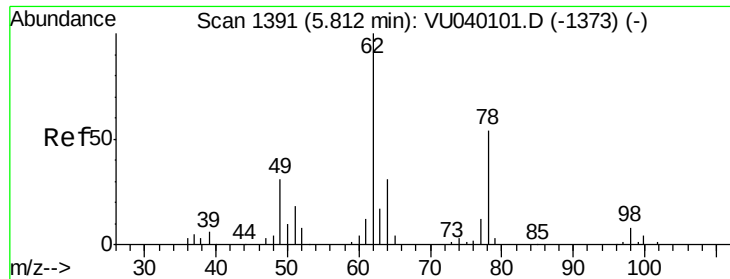
77 23.7 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

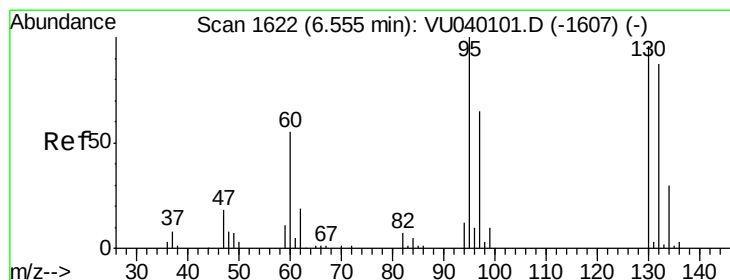
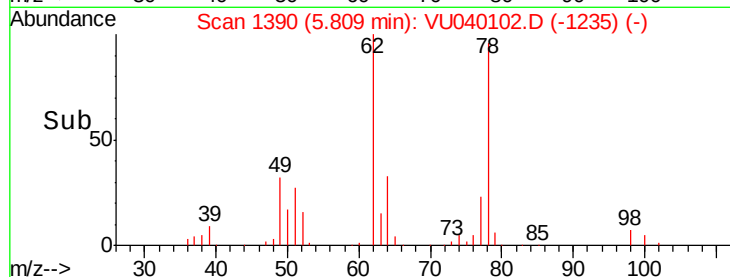
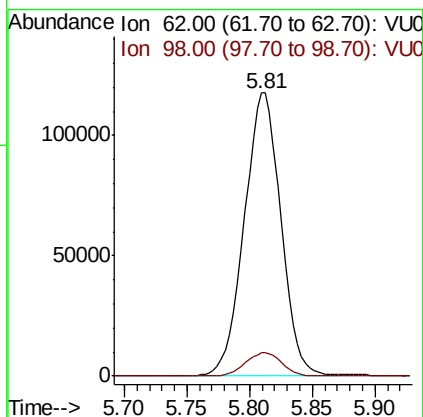
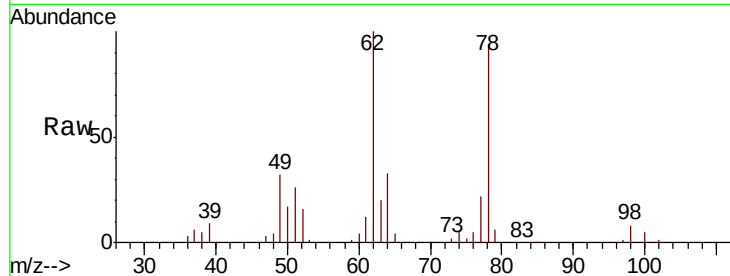




#36
 1,2-Dichloroethane
 Concen: 18.513 ug/l
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

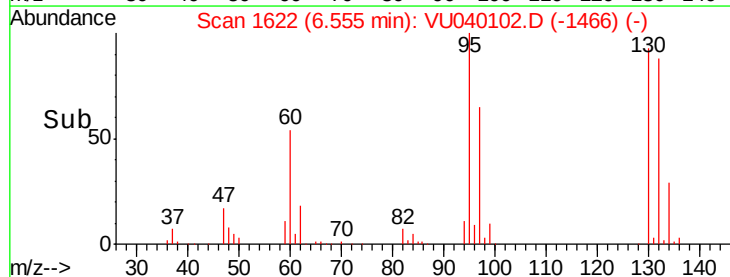
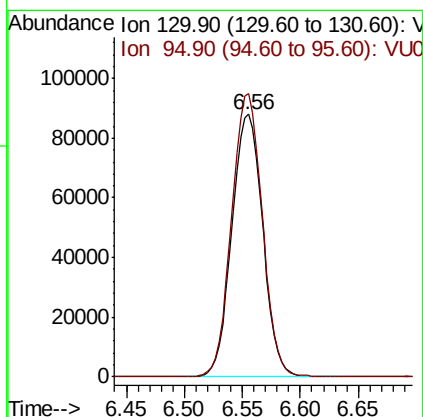
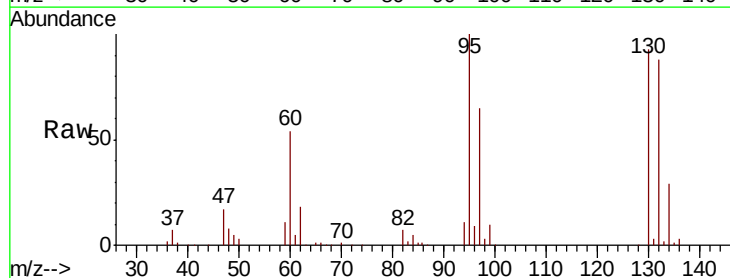
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

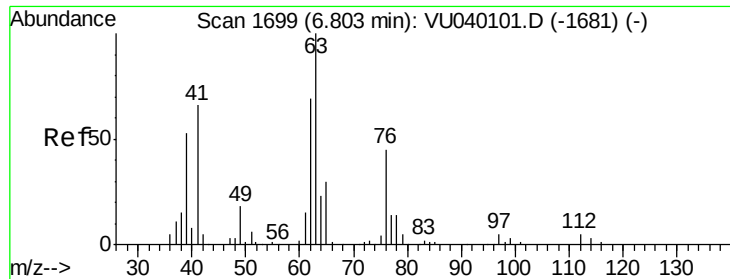
Tot Ion: 62 Resp: 239651
 Ion Ratio Lower Upper
 62 100
 98 8.2 6.5 9.7



#37
 Trichloroethene
 Concen: 19.258 ug/l
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Tgt Ion:130 Resp: 162922
 Ion Ratio Lower Upper
 130 100
 95 107.8 84.2 126.2

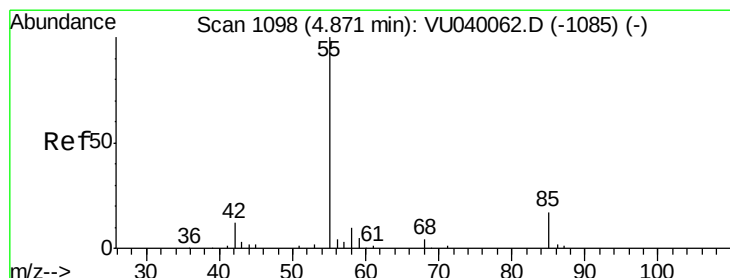
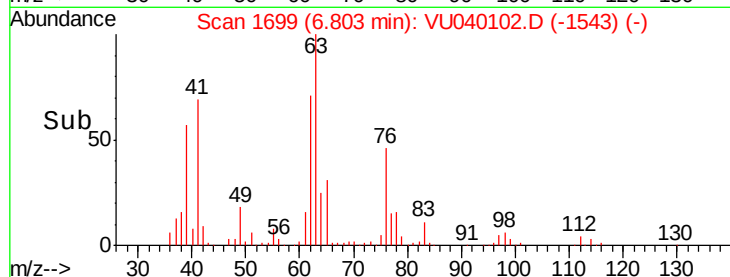
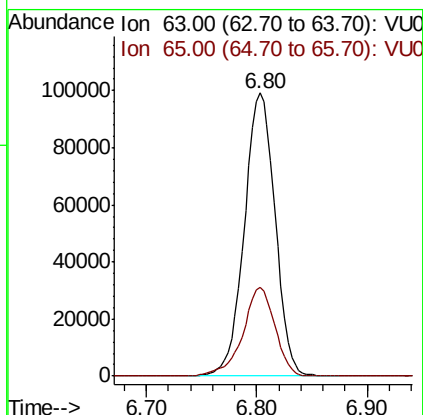
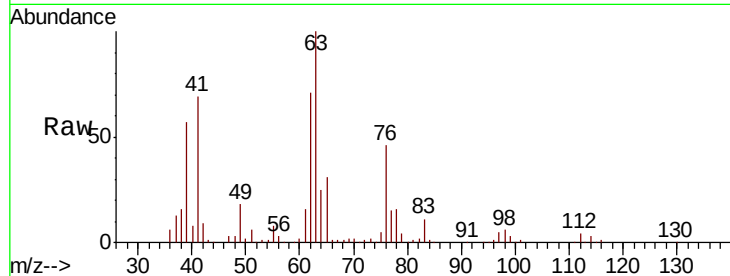




#38
 1,2-Dichloropropane
 Concen: 19.901 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

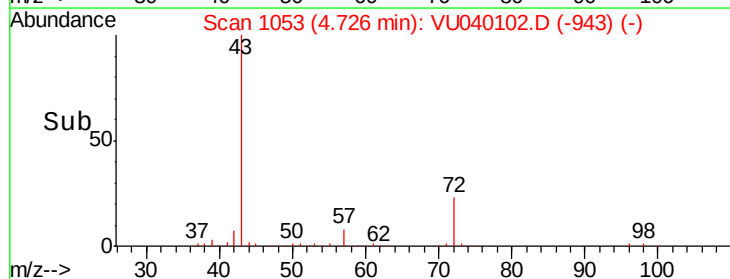
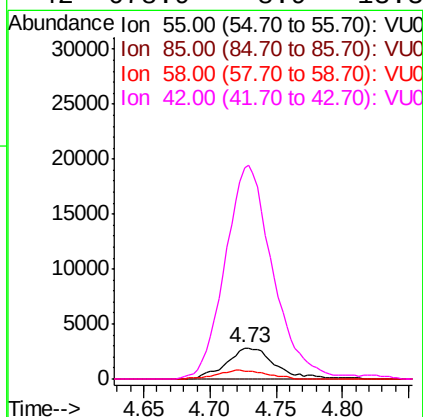
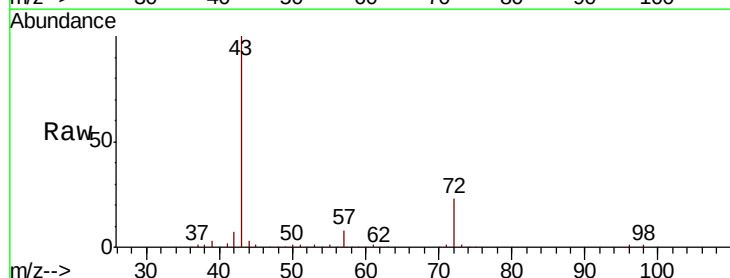
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

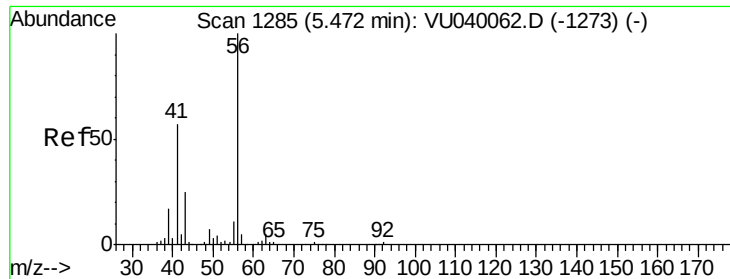
Tot Ion: 63 Resp: 191730
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.0 34.6



#40
 Methyl acrylate
 Concen: 1.252 ug/l
 RT: 4.73 min Scan# 1053
 Delta R.T. -0.15 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Tgt Ion: 55 Resp: 7135
 Ion Ratio Lower Upper
 55 100
 85 0.0 13.3 19.9#
 58 26.9 7.5 11.3#
 42 678.9 8.9 13.3#





#42

1-Chlorobutane

Concen: 12.116 ug/l

RT: 5.41 min Scan# 1265

Delta R.T. -0.06 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampled :

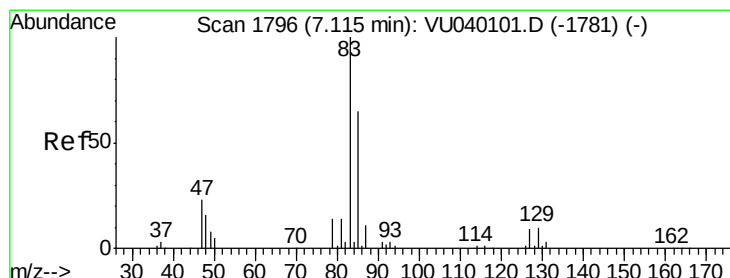
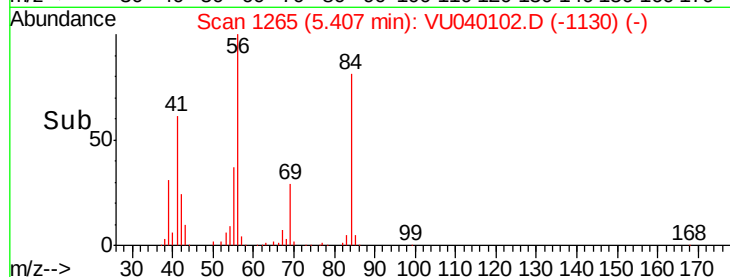
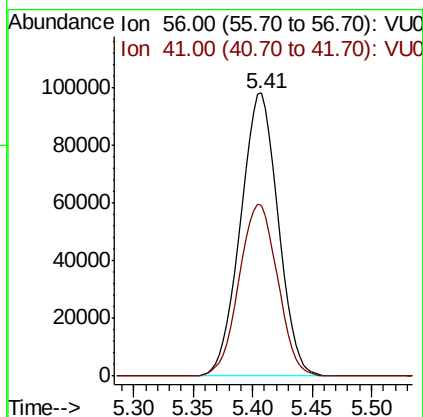
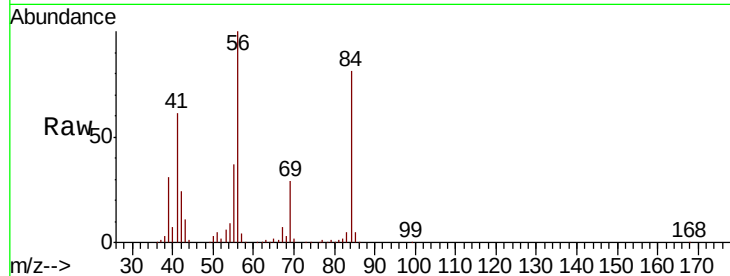
VSTDIC020

Tot Ion: 56 Resp: 215115

Ion Ratio Lower Upper

56 100

41 62.4 29.2 87.6



#44

Bromodichloromethane

Concen: 19.882 ug/l

RT: 7.11 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

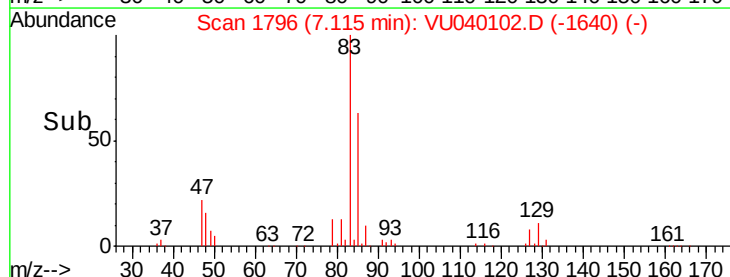
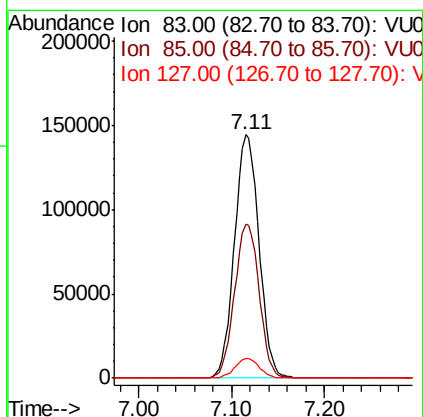
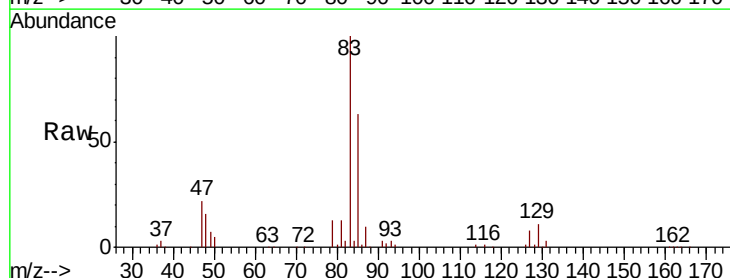
Tgt Ion: 83 Resp: 265730

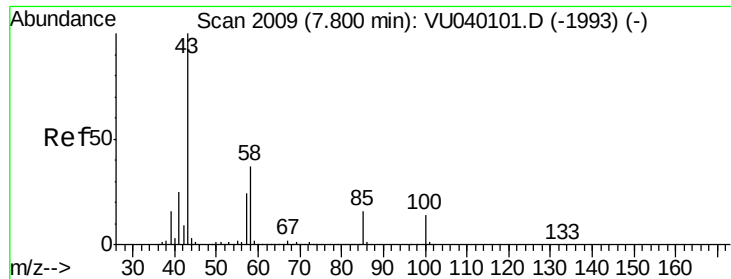
Ion Ratio Lower Upper

83 100

85 63.4 52.1 78.1

127 7.9 6.6 9.8

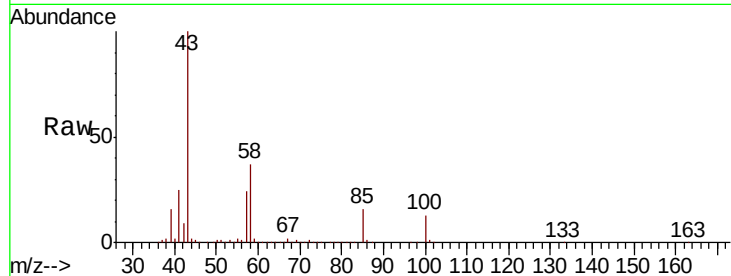




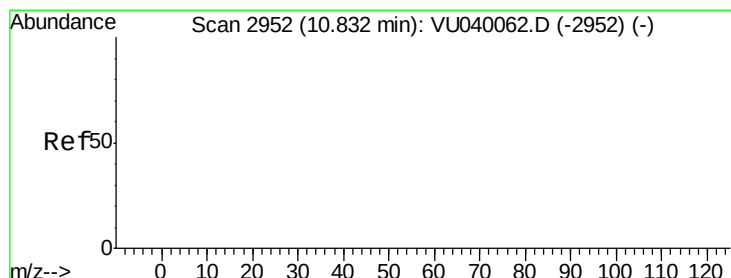
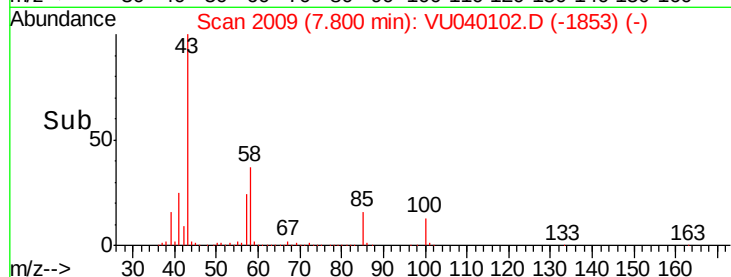
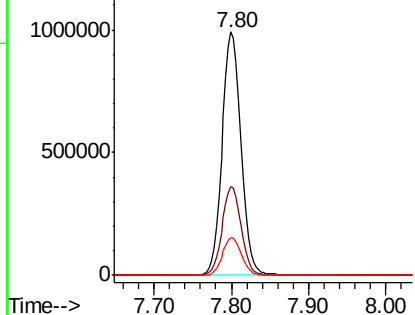
#45
4-Methyl-2-Pentanone
Concen: 223.463 ug/l
RT: 7.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 1694891
Ion Ratio Lower Upper
43 100
58 36.5 18.1 54.3
85 15.6 12.3 18.5

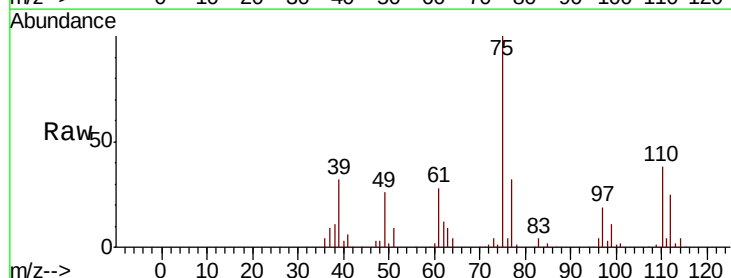


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

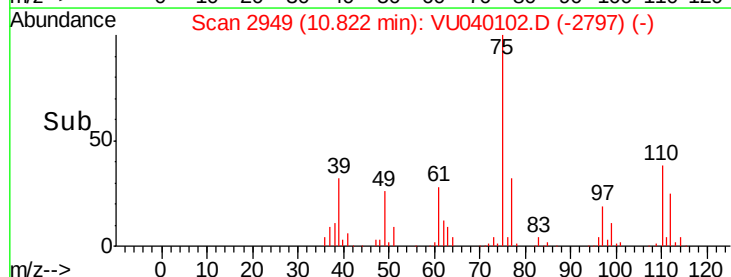
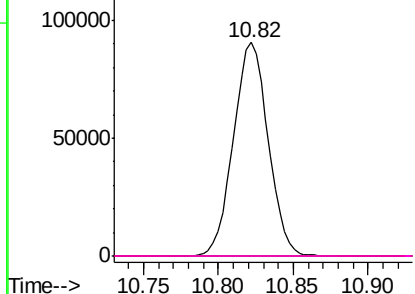


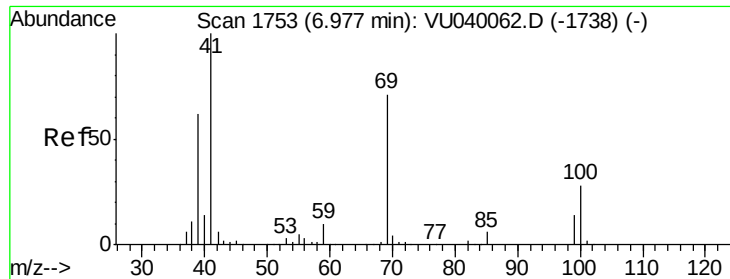
#46
t-1,4-Dichloro-2-butene
Concen: 50.501 ug/l
RT: 10.82 min Scan# 2949
Delta R.T. -0.01 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

Tgt Ion: 75 Resp: 146548
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 41.6 62.4#
88 0.0 36.6 54.8#



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





#47

Methvl methacrylate

Concen: 10.232 ug/l

RT: 6.77 min Scan# 1690

Delta R.T. -0.20 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tot Ion: 69 Resp: 48834

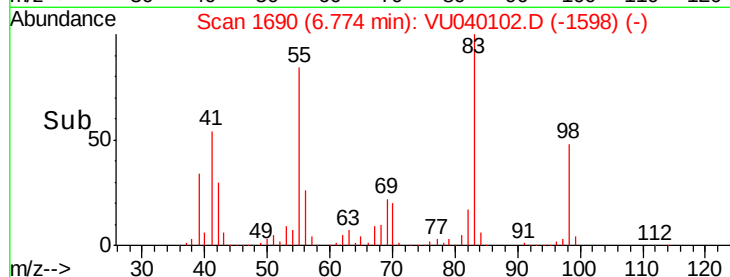
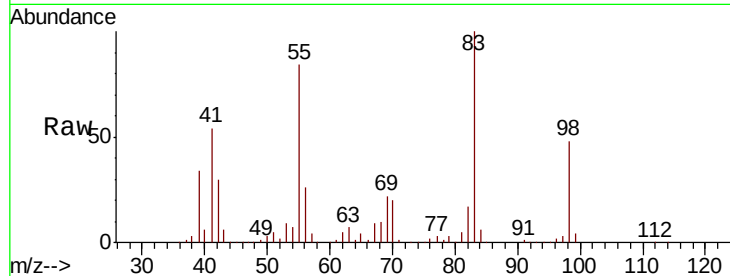
Ion Ratio Lower Upper

69 100

41 237.9 0.0 273.0

39 0.0 67.8 101.6#

100 0.1 29.8 44.6#

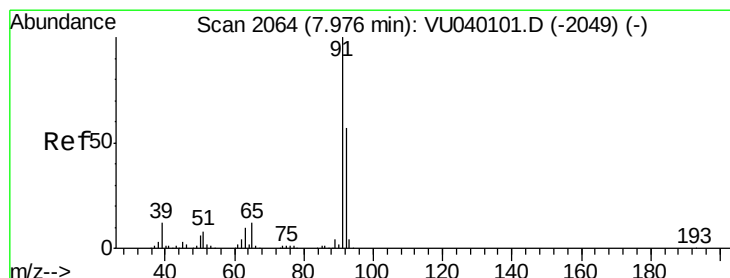
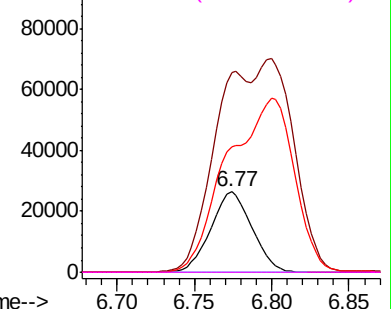


Abundance Ion 69.00 (68.70 to 69.70): VU0

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



#49

Toluene

Concen: 21.183 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040102.D

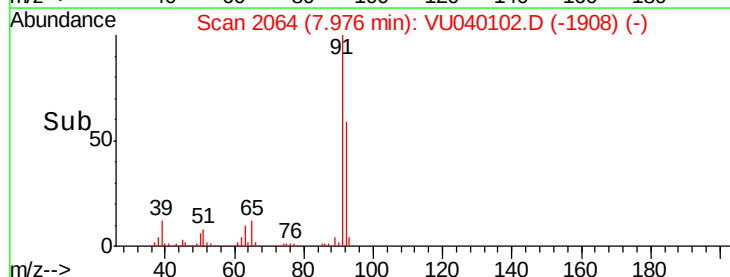
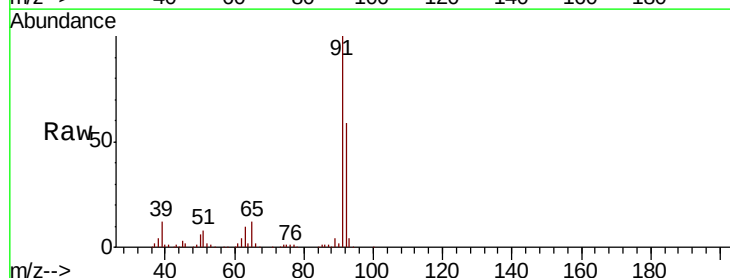
Acq: 11 Sep 2020 12:56

Tgt Ion: 92 Resp: 426017

Ion Ratio Lower Upper

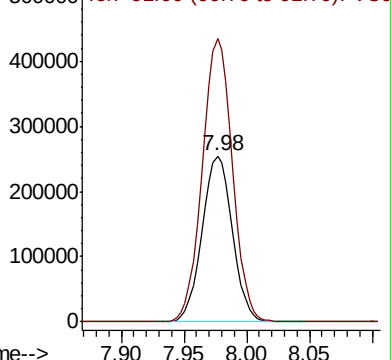
92 100

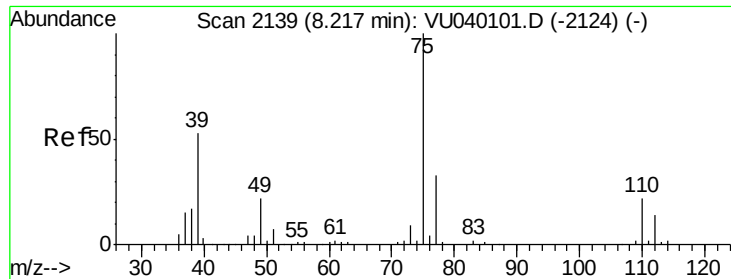
91 170.5 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

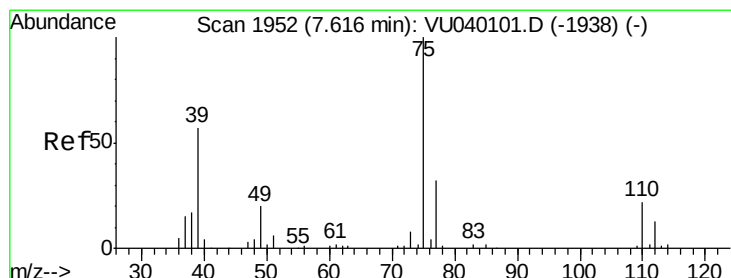
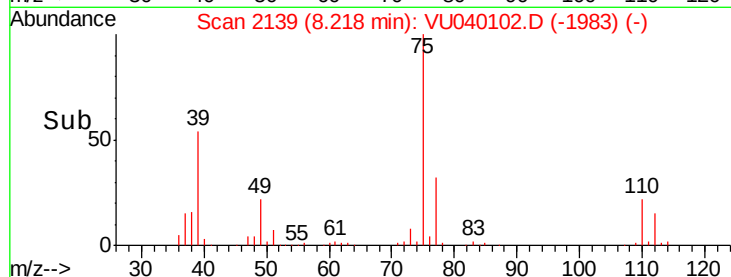
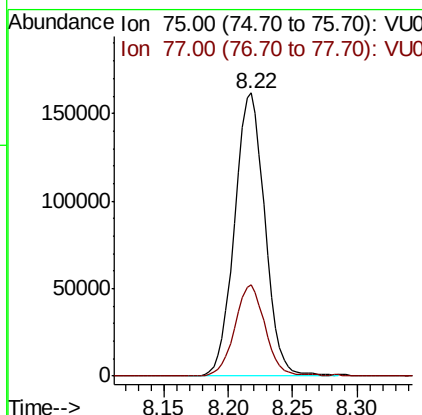
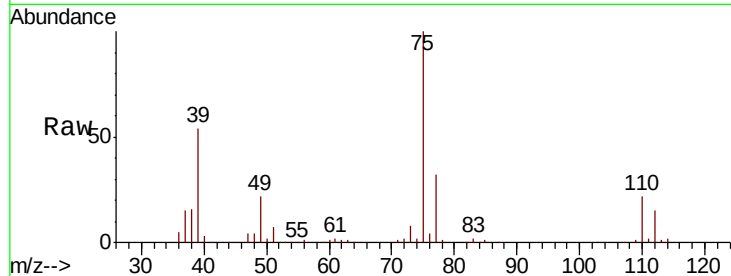




#50
 t-1,3-Dichloropropene
 Concen: 21.951 ug/l
 RT: 8.22 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

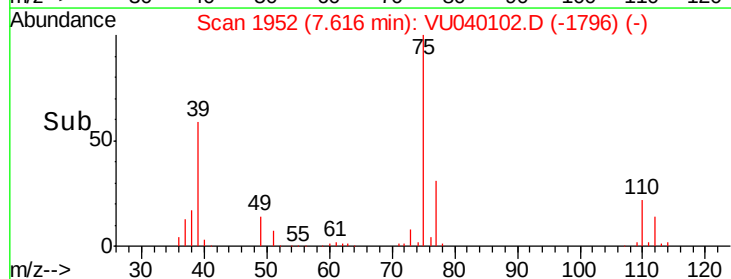
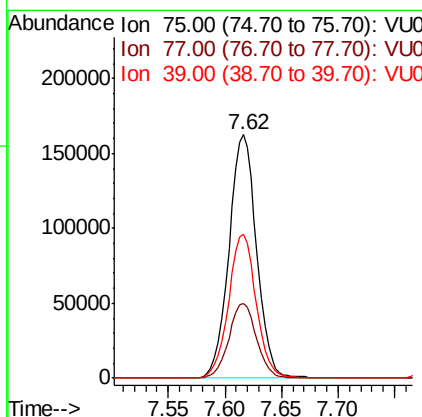
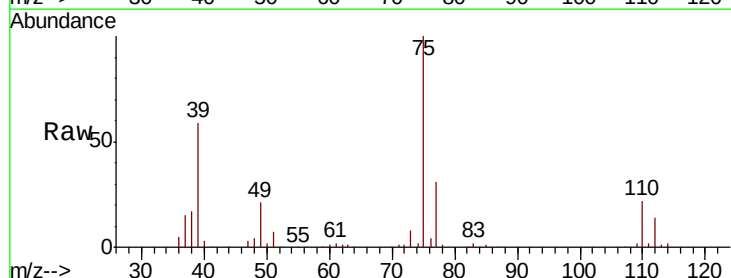
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

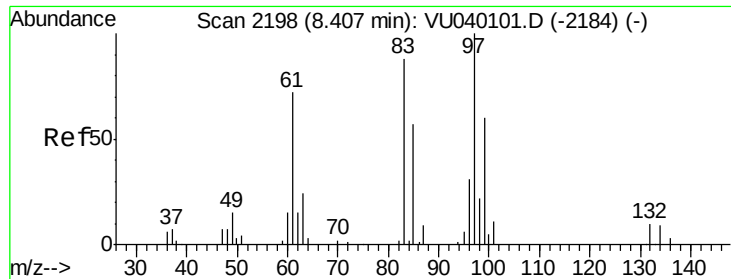
Tot Ion: 75 Resp: 264617
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.4 36.6



#51
 cis-1,3-Dichloropropene
 Concen: 20.491 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Tgt Ion: 75 Resp: 275013
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 37.0
 39 59.2 46.2 69.4

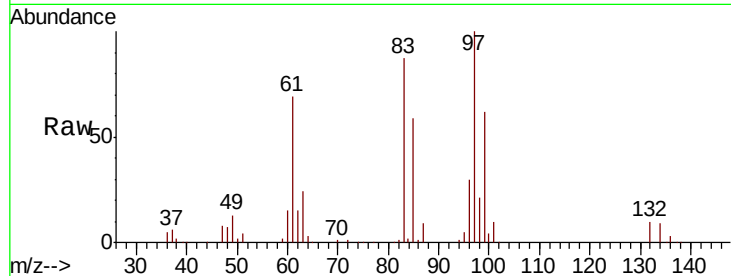




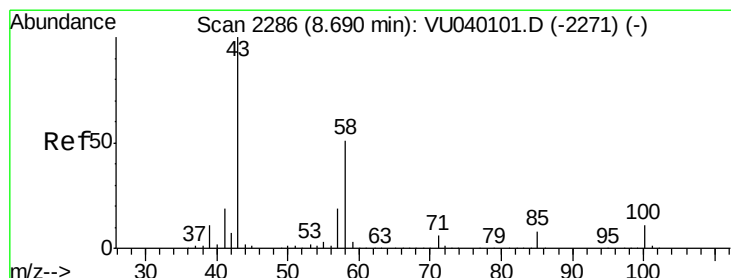
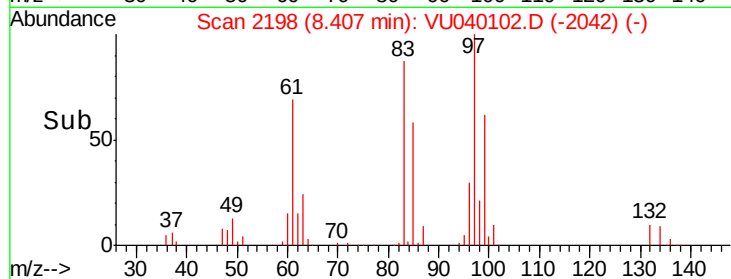
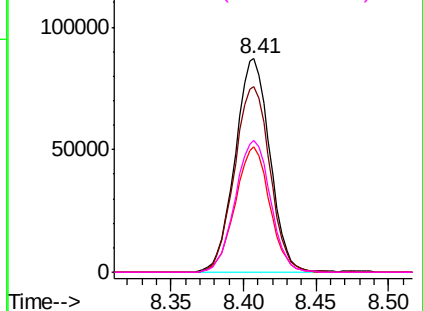
#52
 1,1,2-Trichloroethane
 Concen: 20.413 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	145600
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.7	103.1
85	58.6	46.7	70.1
99	61.8	48.6	72.8

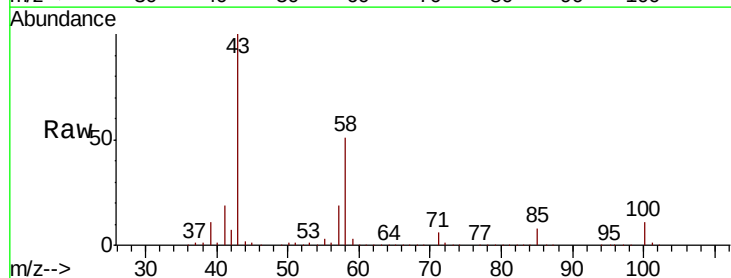


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

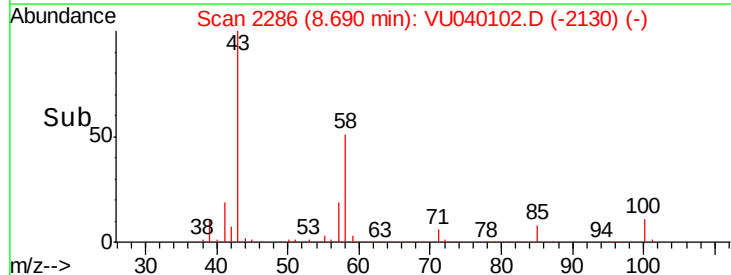
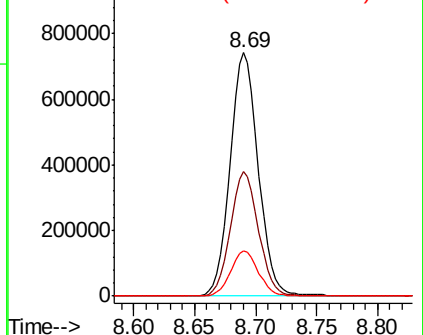


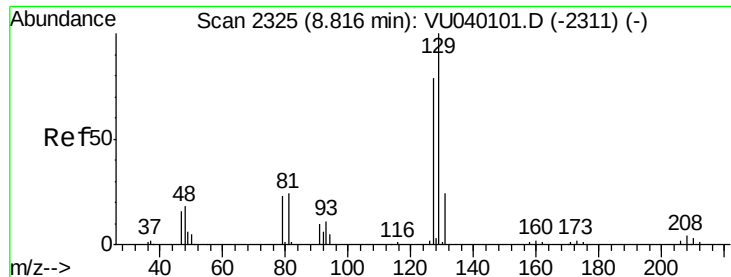
#54
 2-Hexanone
 Concen: 217.136 ug/l
 RT: 8.69 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Tgt Ion:	43	Resp:	1193938
Ion	Ratio	Lower	Upper
43	100		
58	51.2	29.6	69.6
57	18.6	0.0	37.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

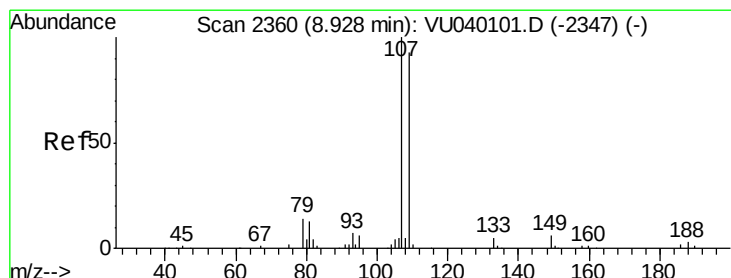
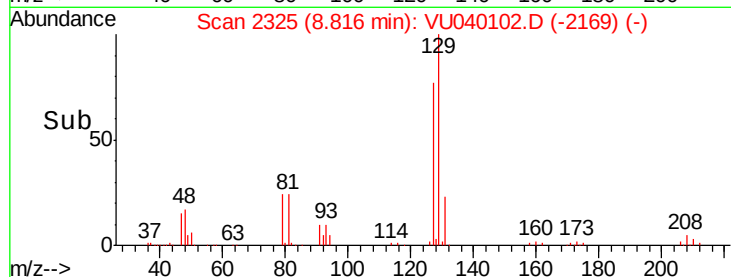
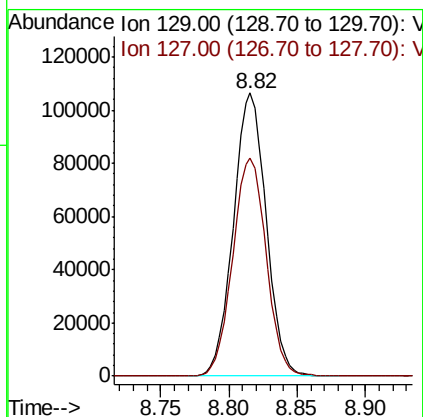
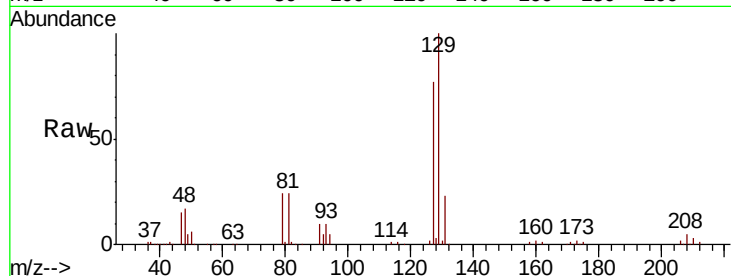




#55
 Dibromochloromethane
 Concen: 21.406 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

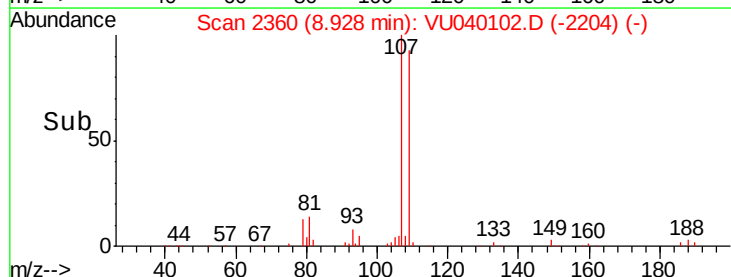
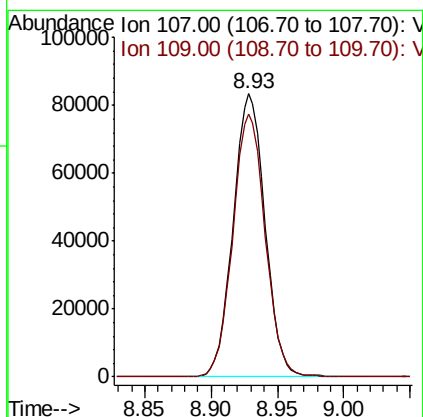
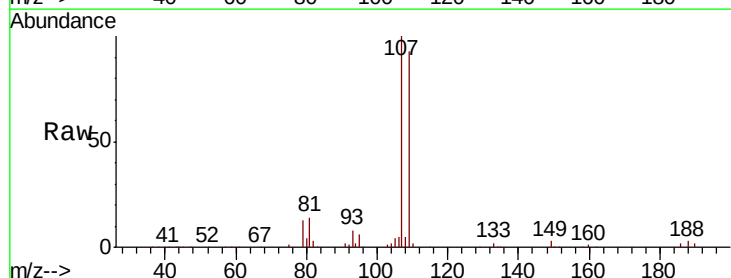
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

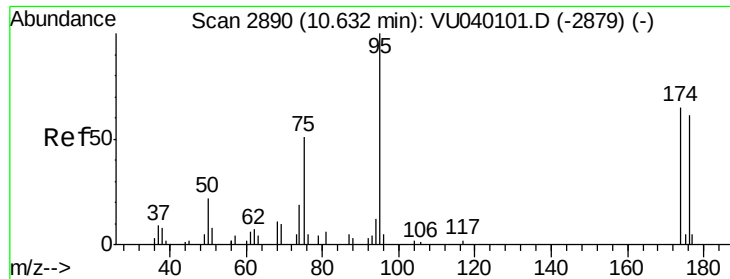
Tot Ion:129 Resp: 178153
 Ion Ratio Lower Upper
 129 100
 127 78.5 62.7 94.1



#56
 1,2-Dibromoethane
 Concen: 20.925 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Tgt Ion:107 Resp: 139388
 Ion Ratio Lower Upper
 107 100
 109 94.3 0.0 191.0

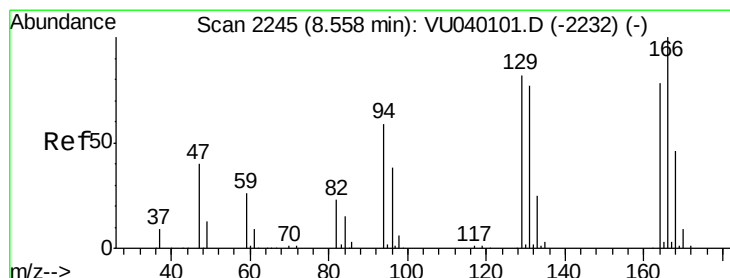
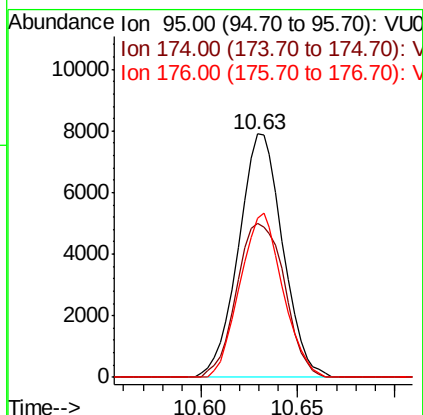
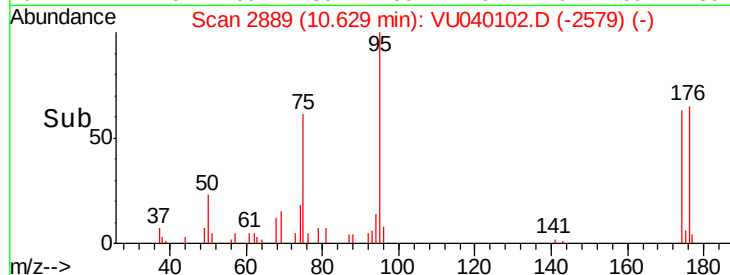
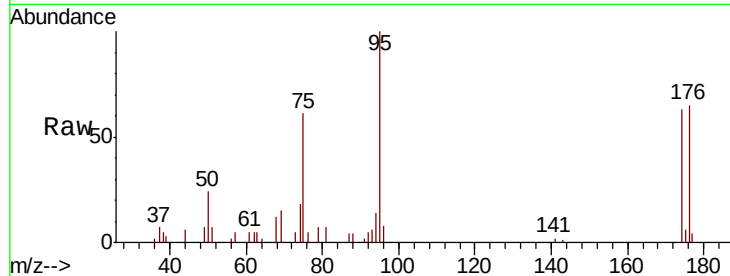




#57
4-Bromofluorobenzene
Concen: 0.986 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

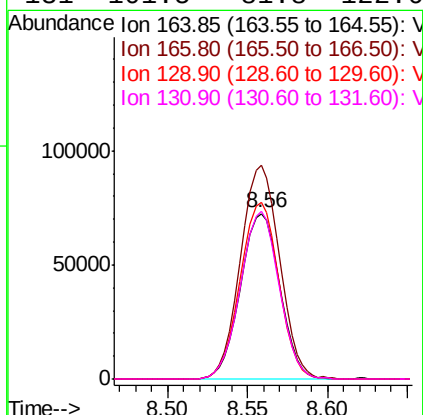
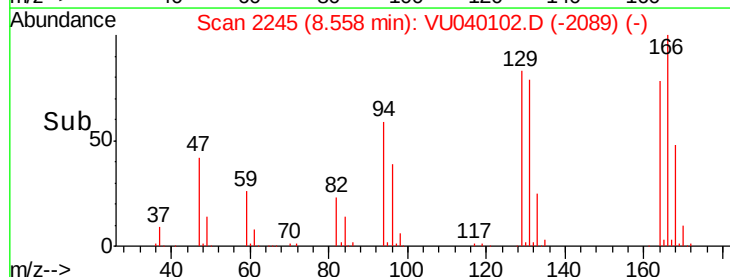
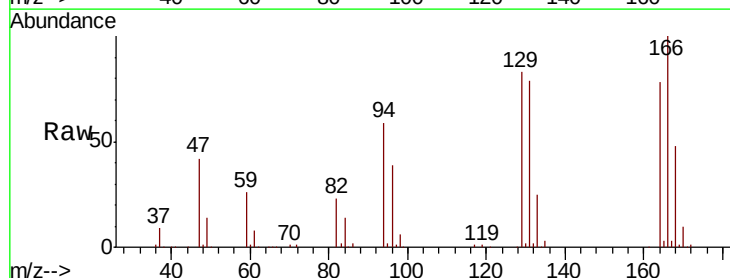
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

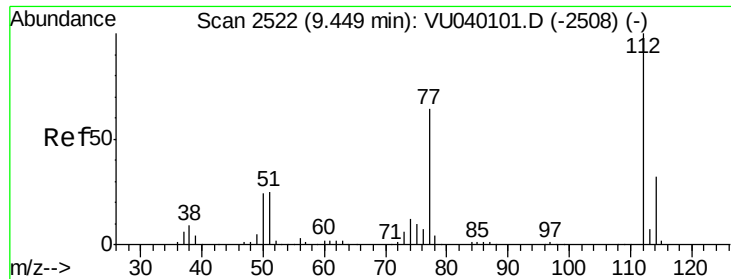
Tot Ion: 95 Resp: 12570
Ion Ratio Lower Upper
95 100
174 68.4 49.4 74.0
176 65.2 50.1 75.1



#58
Tetrachloroethene
Concen: 14.779 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

Tgt Ion: 164 Resp: 121346
Ion Ratio Lower Upper
164 100
166 129.0 101.3 151.9
129 107.0 84.8 127.2
131 101.5 81.8 122.6





#59

Chlorobenzene

Concen: 21.748 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

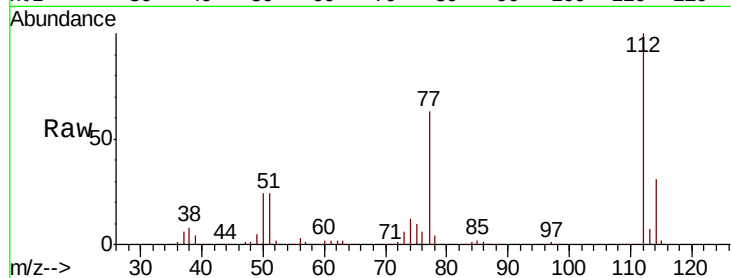
VSTDIC020

Tot Ion:112 Resp: 485020

Ion Ratio Lower Upper

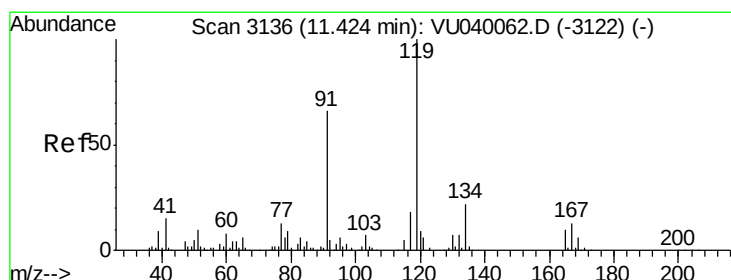
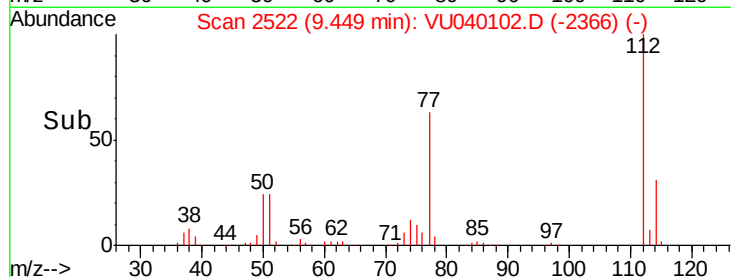
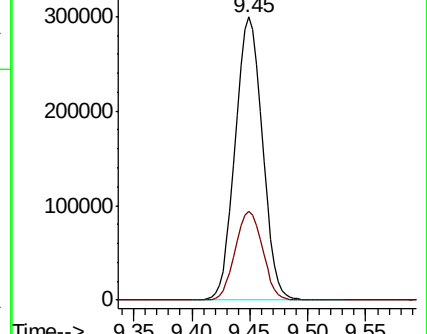
112 100

114 31.2 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#61

Pentachloroethane

Concen: 4.791 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. 0.04 min

Lab File: VU040102.D

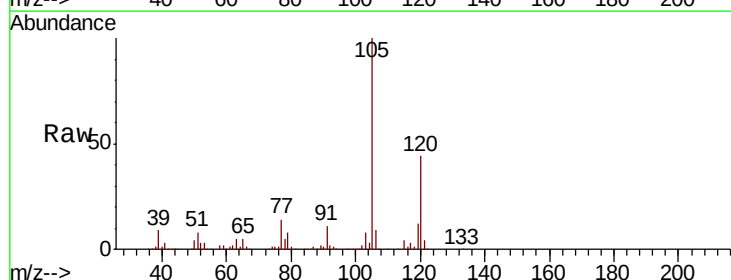
Acq: 11 Sep 2020 12:56

Tgt Ion:117 Resp: 26682

Ion Ratio Lower Upper

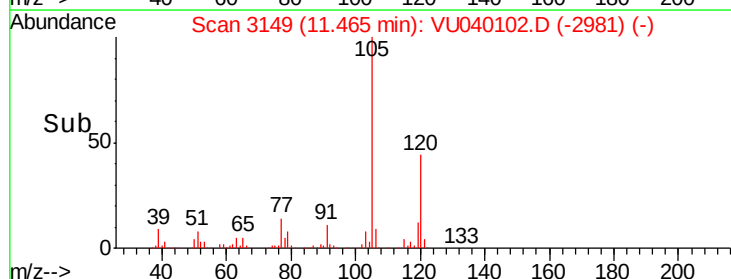
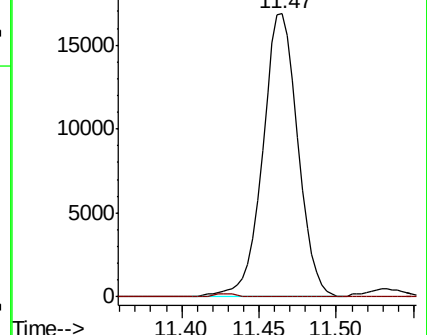
117 100

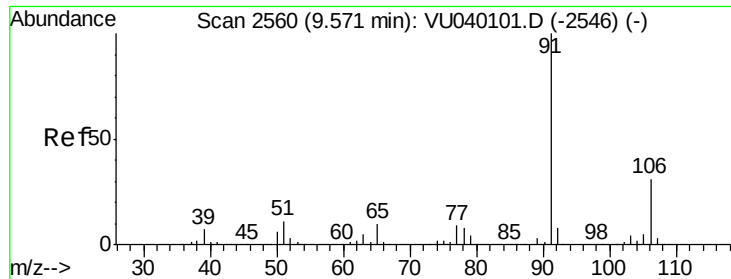
167 0.7 54.5 81.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V

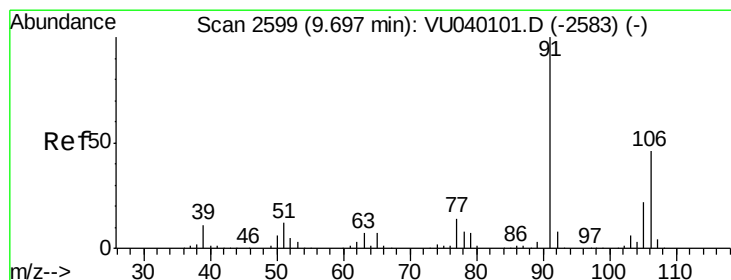
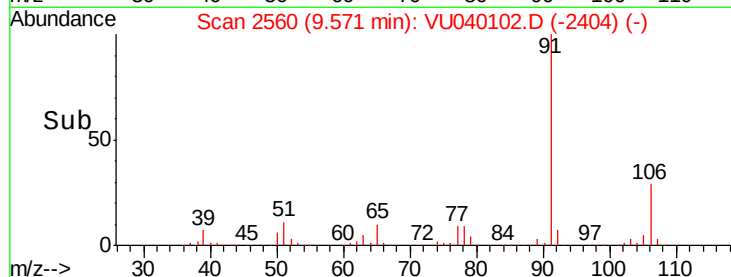
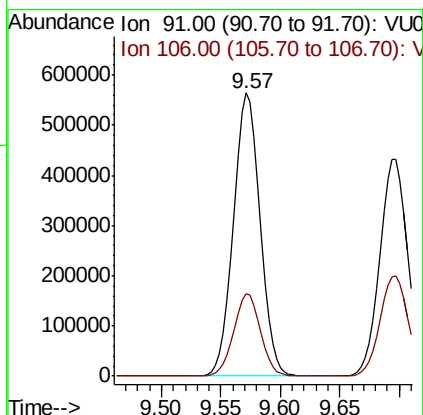
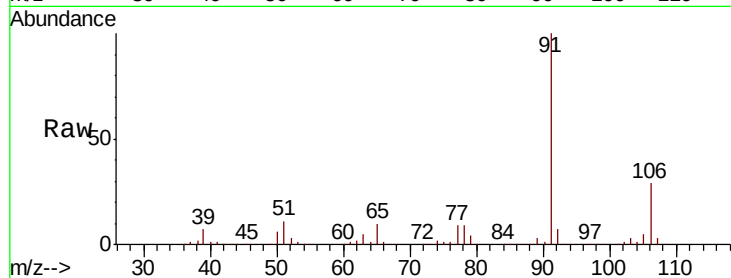




#63
Ethyl Benzene
Concen: 23.016 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

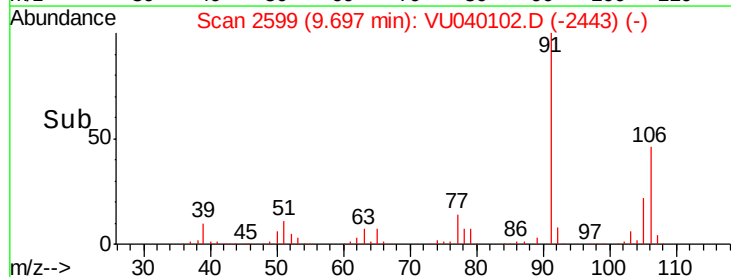
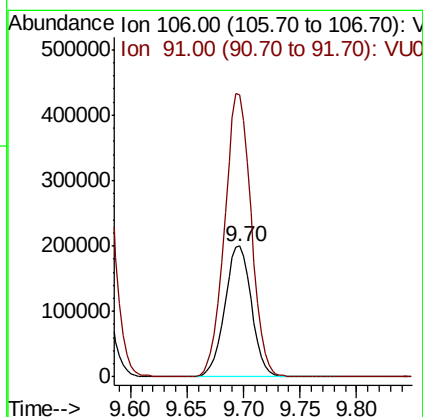
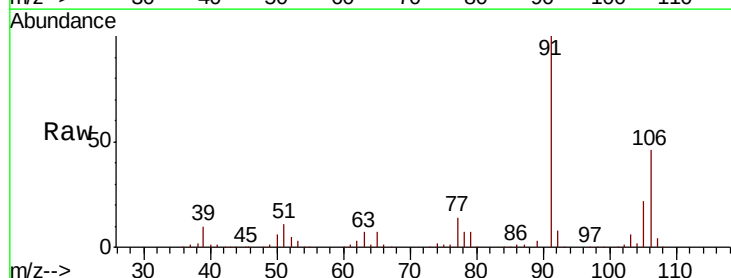
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

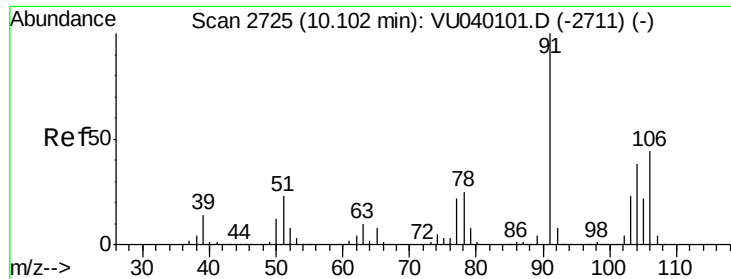
Tot Ion: 91 Resp: 875889
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.8



#64
m/p-Xylenes
Concen: 23.066 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040102.D
Acq: 11 Sep 2020 12:56

Tgt Ion: 106 Resp: 327968
Ion Ratio Lower Upper
106 100
91 215.9 171.4 257.2





#65

o-Xylene

Concen: 23.143 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

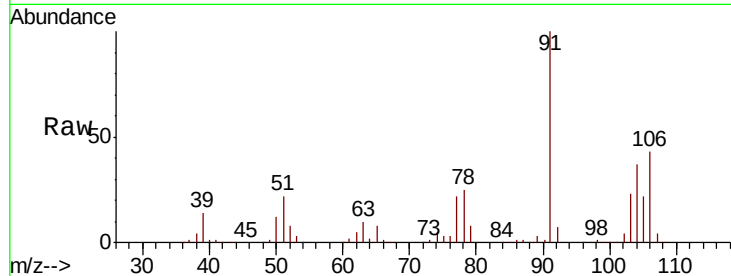
VSTDIC020

Tot Ion:106 Resp: 317664

Ion Ratio Lower Upper

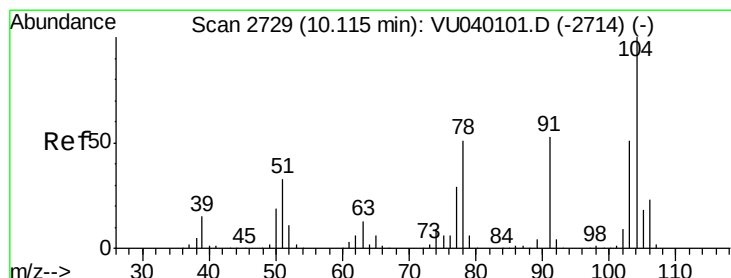
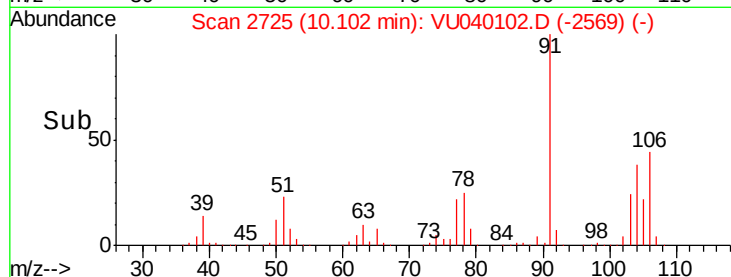
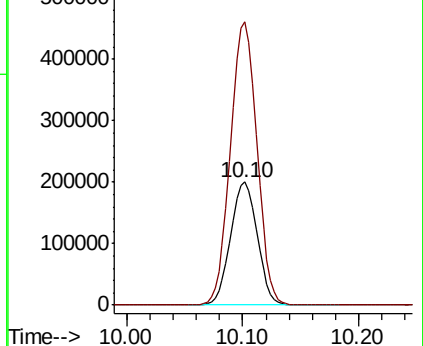
106 100

91 228.9 114.2 342.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 24.019 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

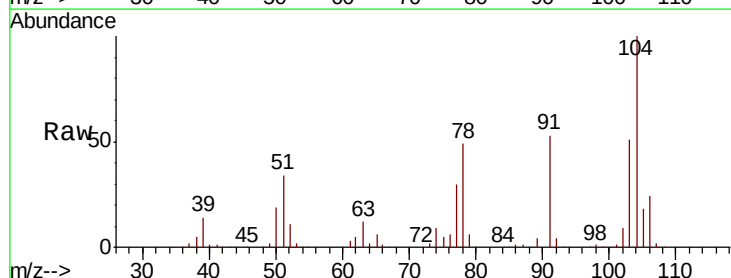
Tgt Ion:104 Resp: 579063

Ion Ratio Lower Upper

104 100

78 54.9 43.9 65.9

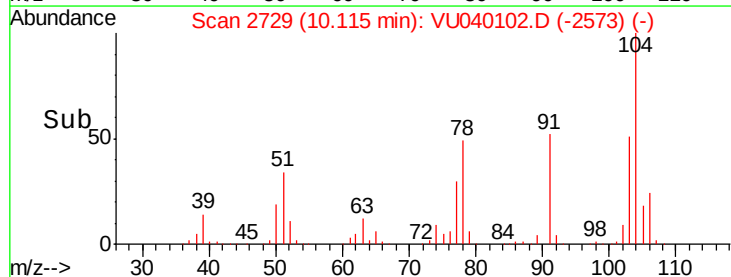
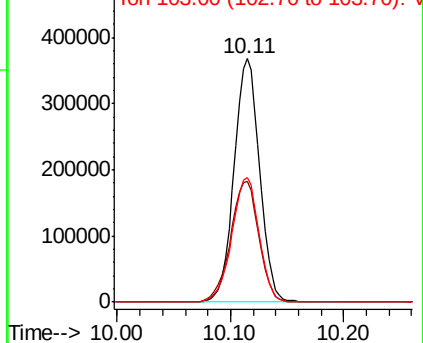
103 54.5 43.7 65.5

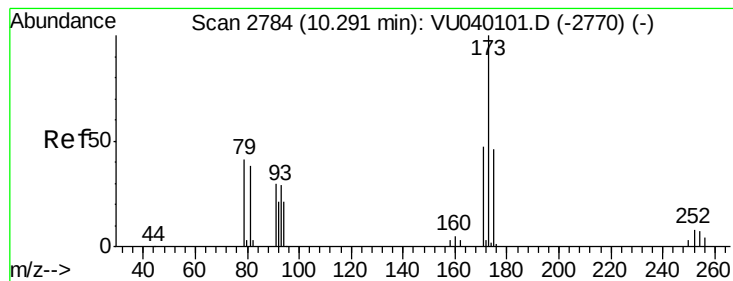


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 22.596 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

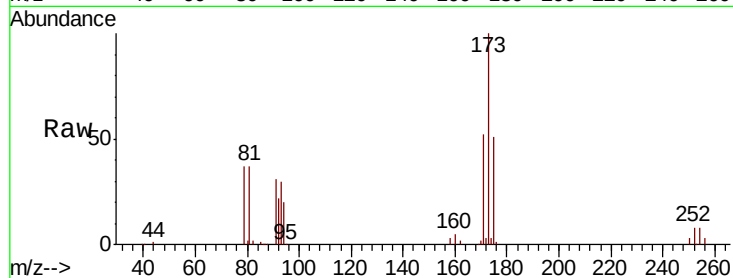
Tot Ion:173 Resp: 96843

Ion Ratio Lower Upper

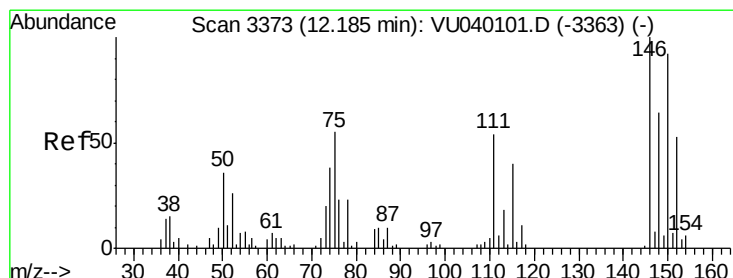
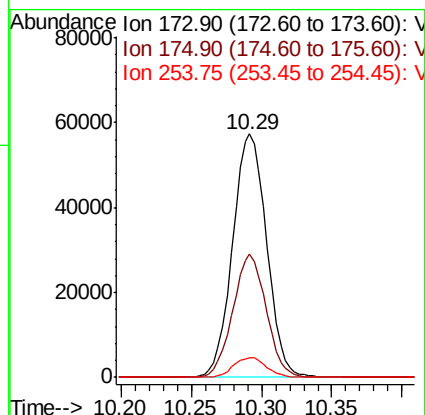
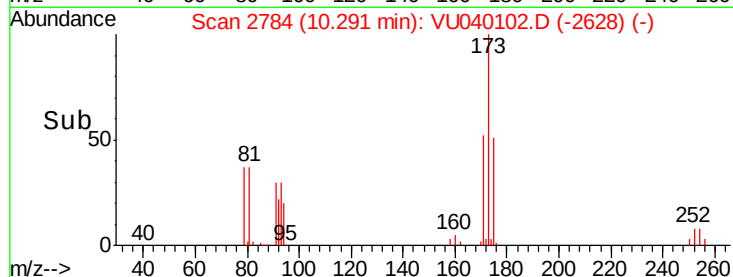
173 100

175 49.6 38.0 57.0

254 7.9 5.8 8.8



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: 0.991 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

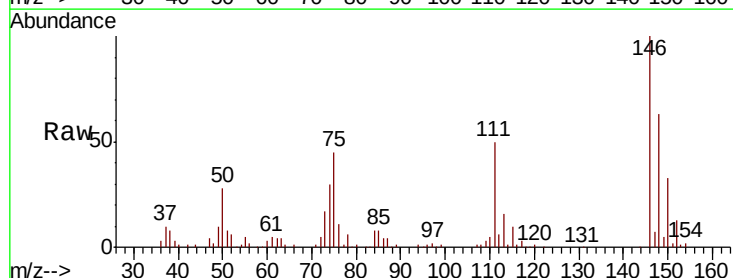
Tgt Ion:152 Resp: 11554

Ion Ratio Lower Upper

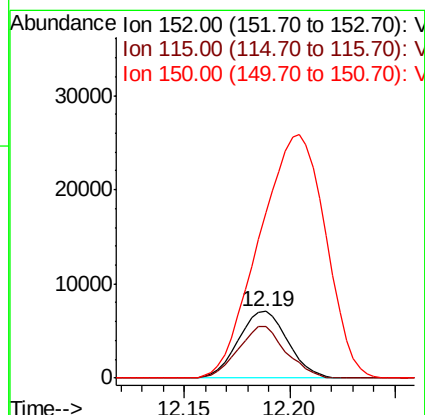
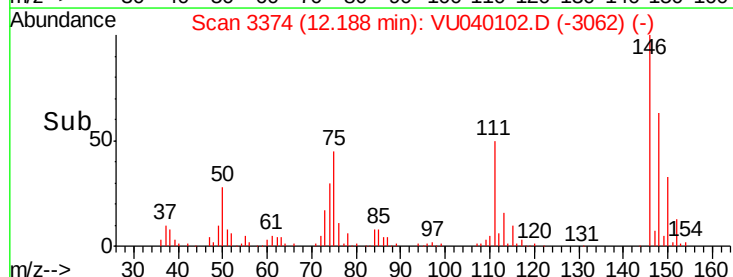
152 100

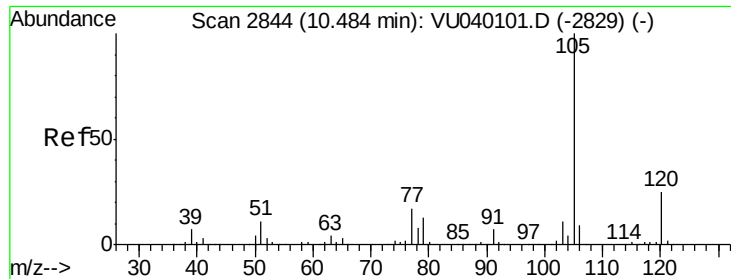
115 74.6 0.0 309.0

150 489.1 0.0 658.2



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: 23.377 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

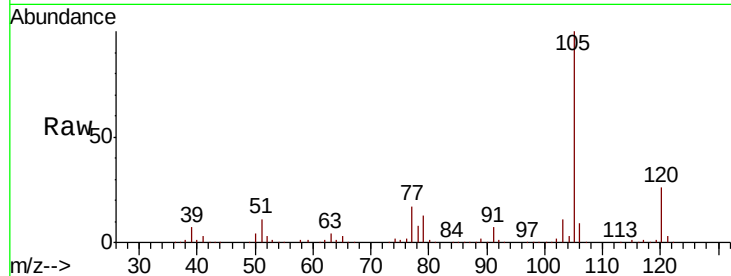
VSTDIC020

Tot Ion:105 Resp: 883129

Ion Ratio Lower Upper

105 100

120 25.7 12.4 37.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

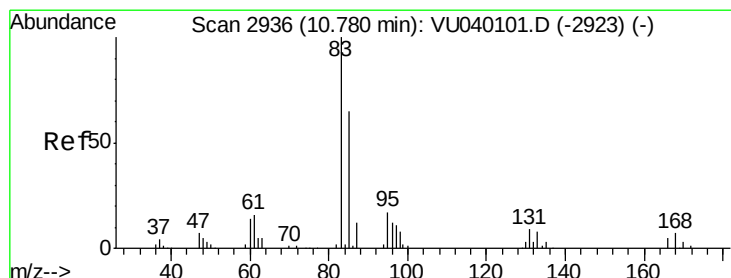
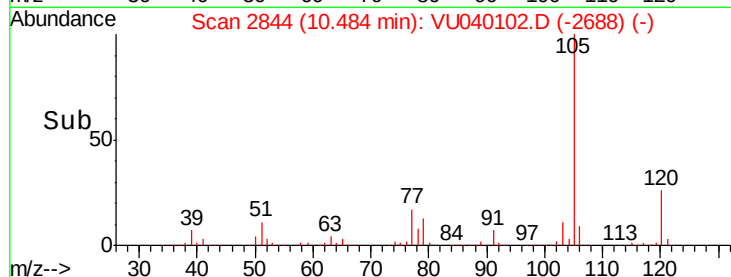
0

10.40

10.50

10.60

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 20.218 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

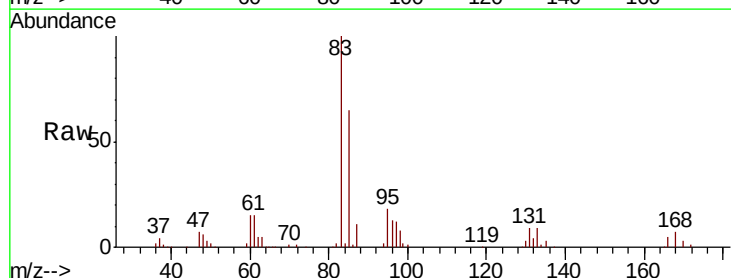
Tgt Ion: 83 Resp: 192802

Ion Ratio Lower Upper

83 100

131 8.9 7.5 11.3

85 64.6 49.7 74.5



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

150000

100000

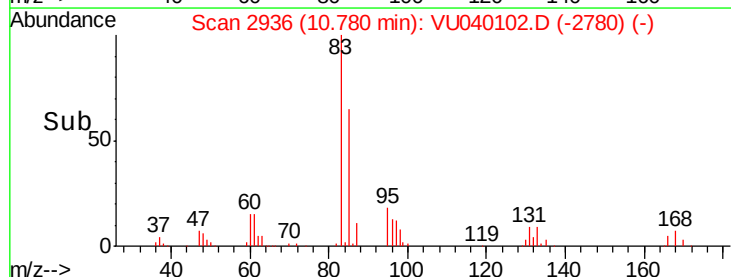
50000

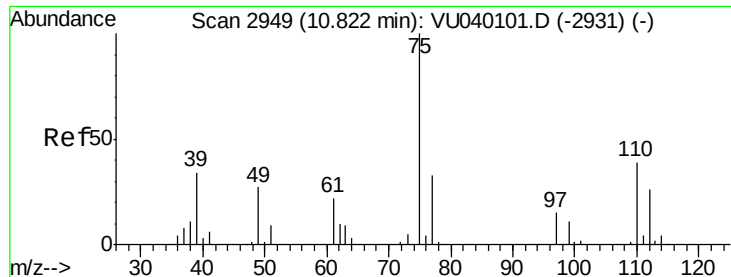
0

10.70

10.80

Time-->

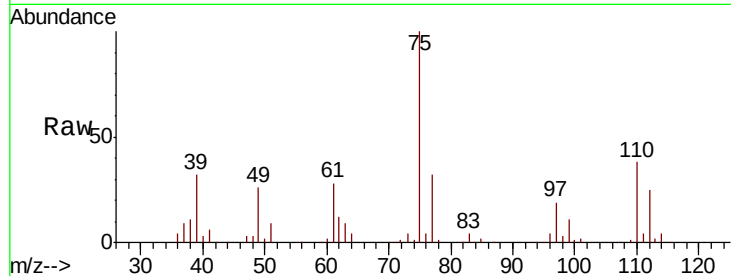




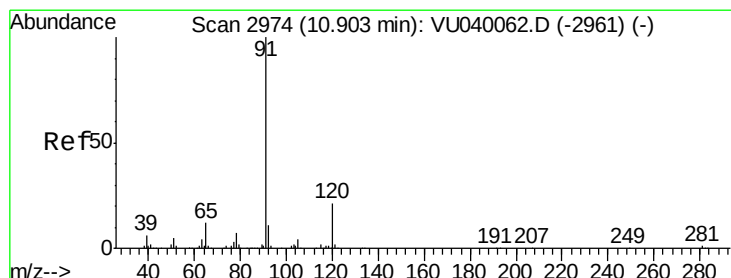
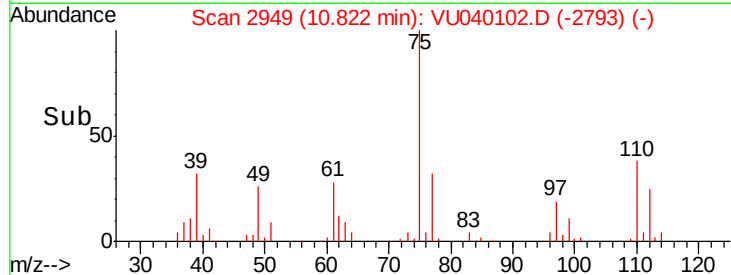
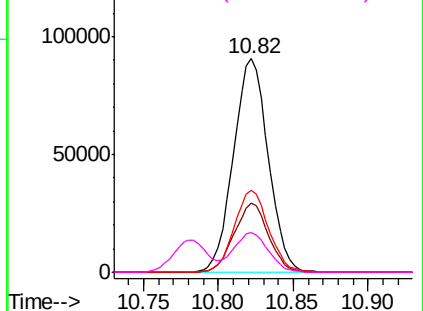
#71
 1,2,3-Trichloropropane
 Concen: 19.792 ug/l
 RT: 10.82 min Scan# 2949
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tot Ion:	75	Resp:	146548
Ion	Ratio	Lower	Upper
75	100		
77	32.1	0.0	111.4
110	38.0	0.0	70.8
97	18.7	0.0	36.0

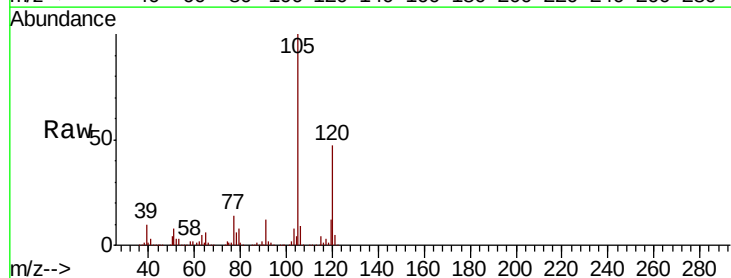


Abundance Ion 75.00 (74.70 to 75.70): VU040102.D (-2793) (-)
 Ion 77.00 (76.70 to 77.70): VU040102.D (-2793) (-)
 Ion 110.00 (109.70 to 110.70): VU040102.D (-2793) (-)
 Ion 97.00 (96.70 to 97.70): VU040102.D (-2793) (-)

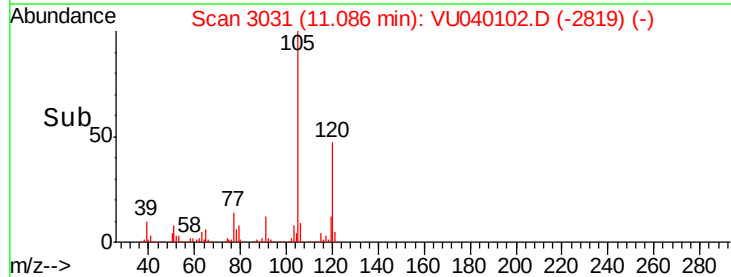
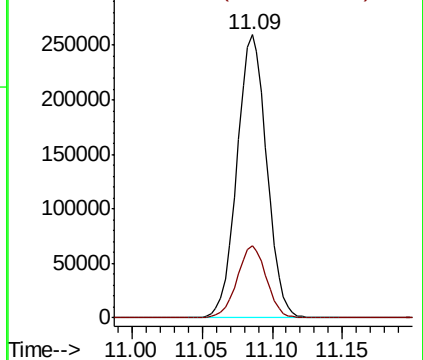


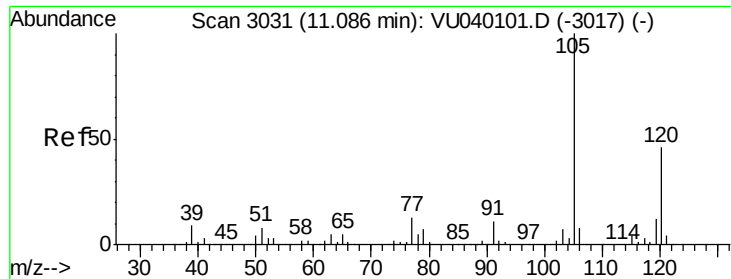
#73
 n-propylbenzene
 Concen: 36.920 ug/l
 RT: 11.09 min Scan# 3031
 Delta R.T. 0.18 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Tgt Ion:	120	Resp:	383476
Ion	Ratio	Lower	Upper
120	100		
91	25.1	380.4	570.6#



Abundance Ion 120.00 (119.70 to 120.70): VU040102.D (-2819) (-)
 Ion 91.00 (90.70 to 91.70): VU040102.D (-2819) (-)





#75

1,3,5-Trimethylbenzene

Concen: 24.530 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

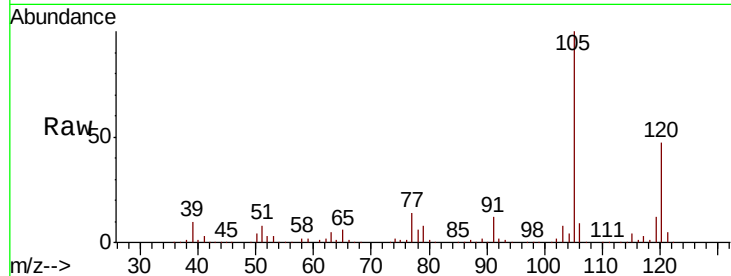
VSTDIC020

Tot Ion:105 Resp: 811592

Ion Ratio Lower Upper

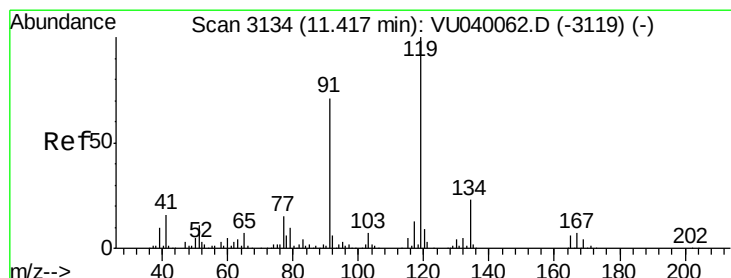
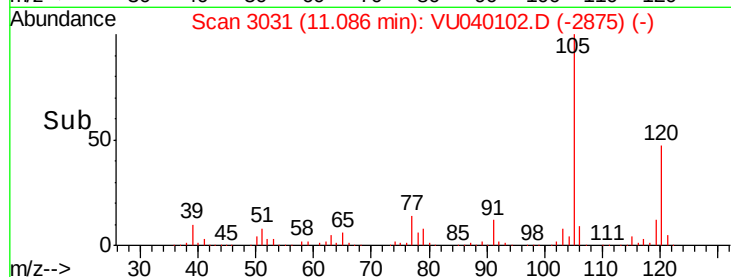
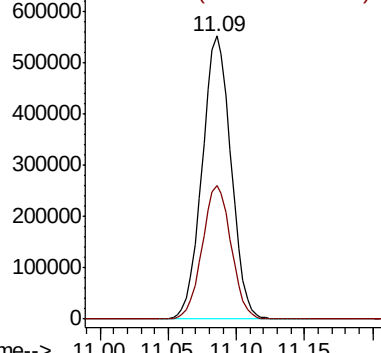
105 100

120 47.2 36.6 55.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

tert-Butylbenzene

Concen: 3.160 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. 0.05 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

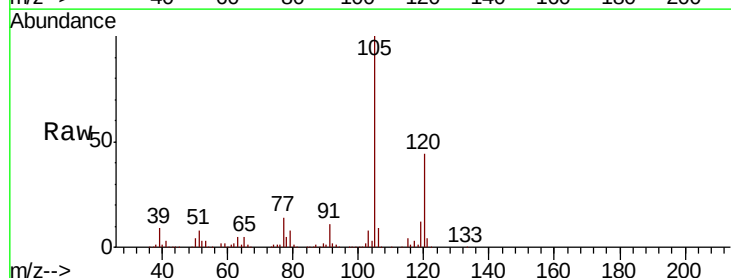
Tgt Ion:119 Resp: 97257

Ion Ratio Lower Upper

119 100

91 96.6 34.2 102.5

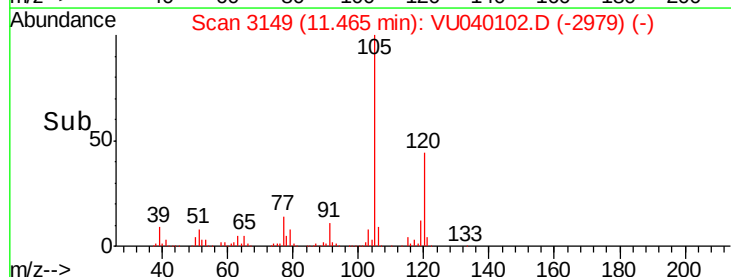
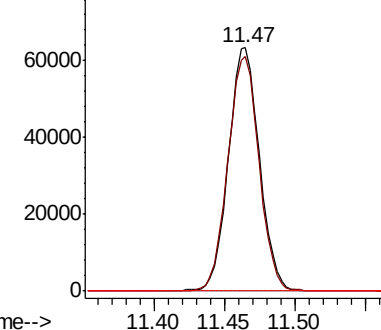
134 0.1 18.2 27.4#

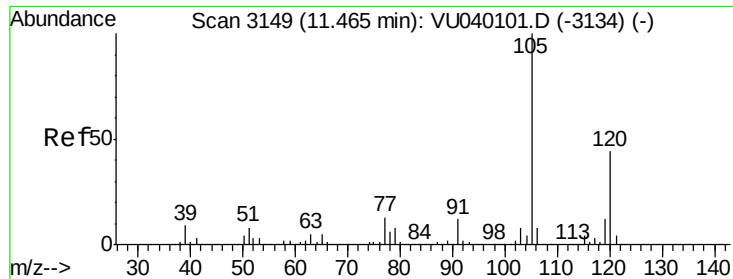


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V





#78

1,2,4-Trimethylbenzene

Concen: 23.455 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

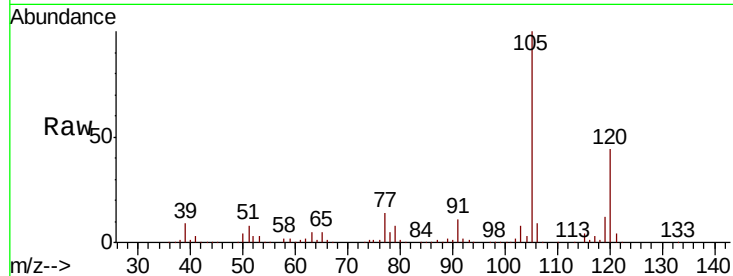
VSTDIC020

Tot Ion:105 Resp: 813891

Ion Ratio Lower Upper

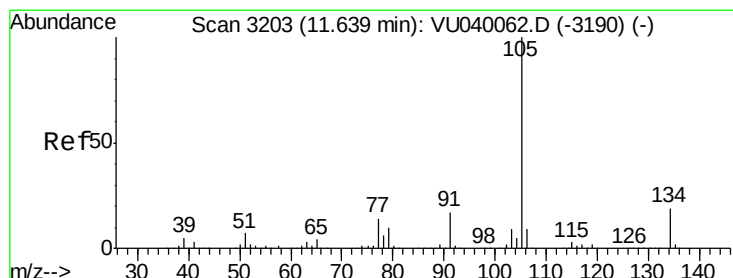
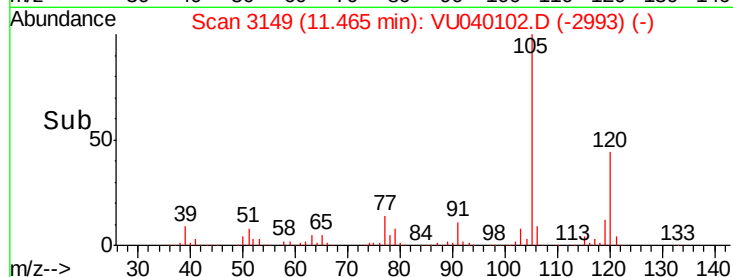
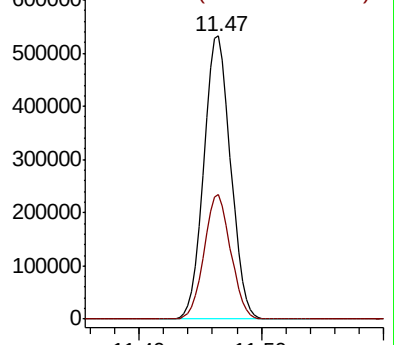
105 100

120 43.5 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#79

sec-Butylbenzene

Concen: 18.258 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. -0.17 min

Lab File: VU040102.D

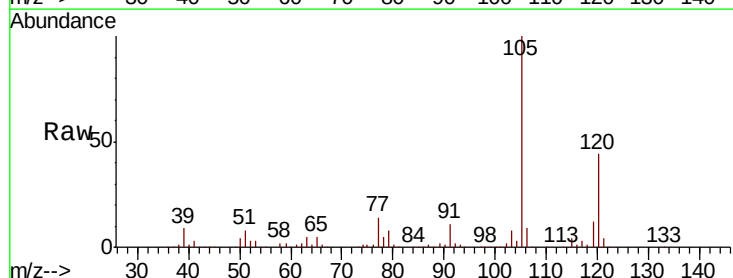
Acq: 11 Sep 2020 12:56

Tgt Ion:105 Resp: 813891

Ion Ratio Lower Upper

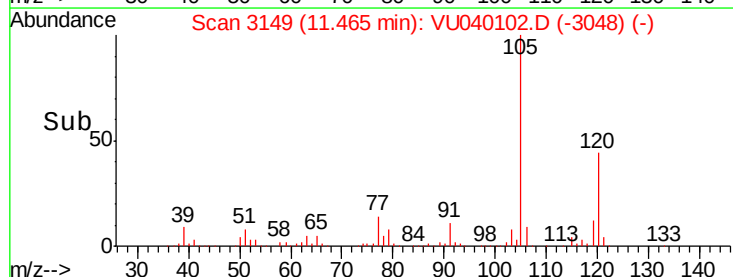
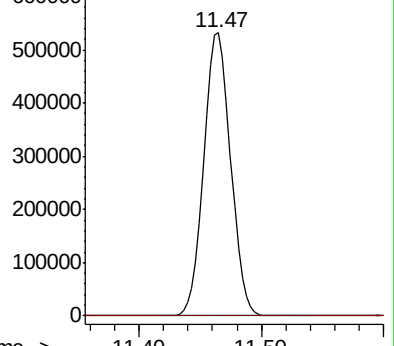
105 100

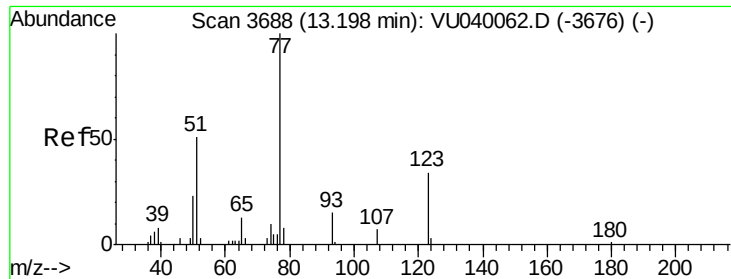
134 0.0 15.0 22.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#80

Nitrobenzene

Concen: 1.522 ug/l

RT: 13.20 min Scan# 3690

Delta R.T. 0.01 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

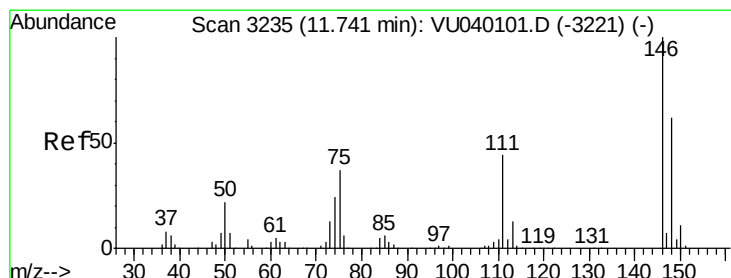
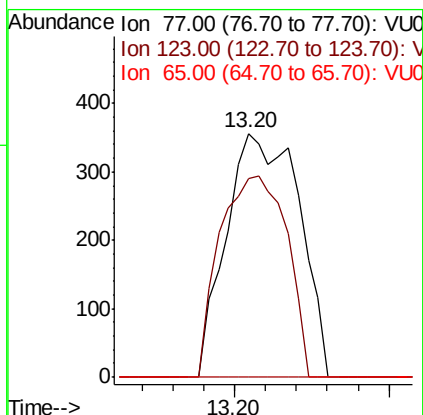
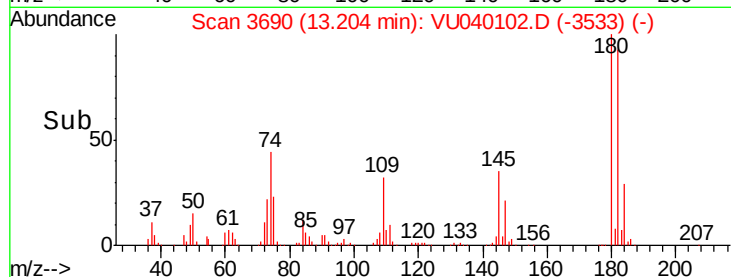
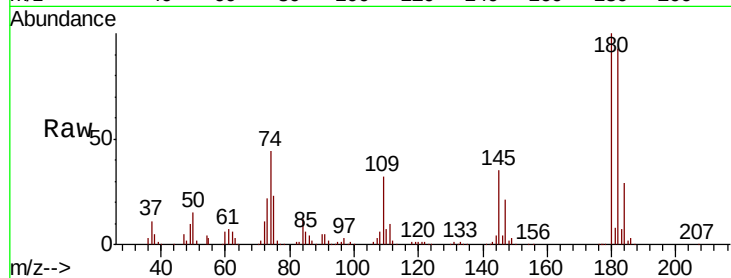
Tot Ion: 77 Resp: 582

Ion Ratio Lower Upper

77 100

123 75.9 16.4 58.0#

65 0.0 12.5 15.9#



#82

1,3-Dichlorobenzene

Concen: 21.039 ug/l

RT: 11.74 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

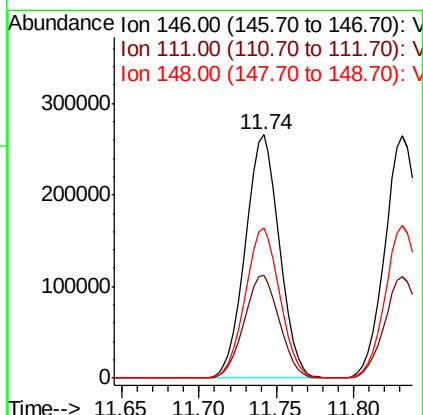
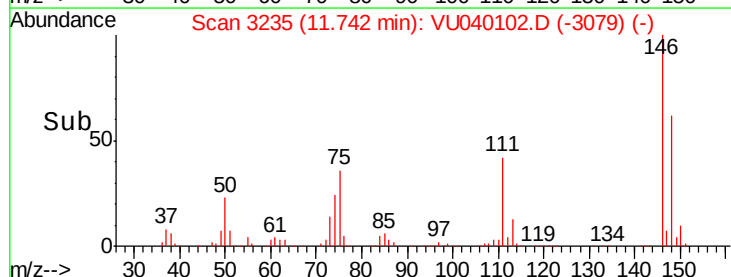
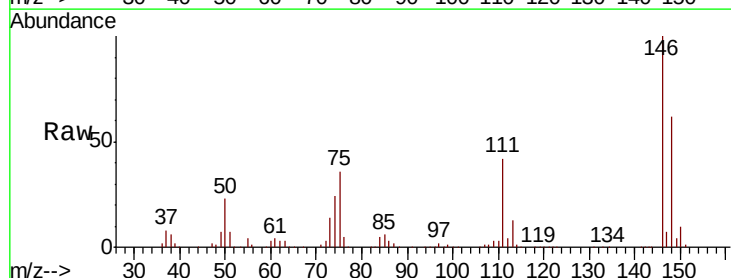
Tgt Ion: 146 Resp: 408336

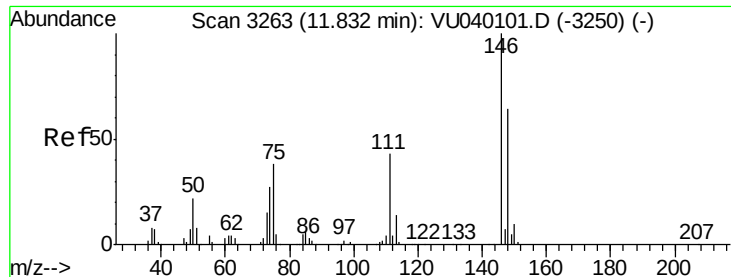
Ion Ratio Lower Upper

146 100

111 43.7 35.4 53.0

148 62.6 49.7 74.5

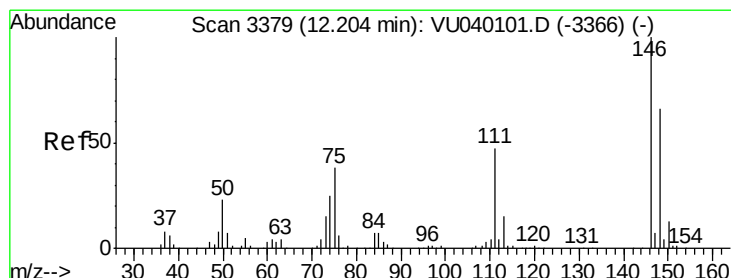
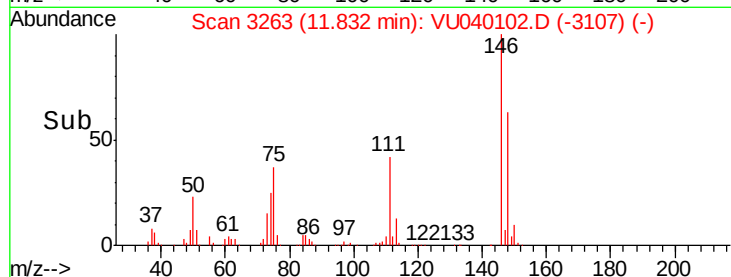
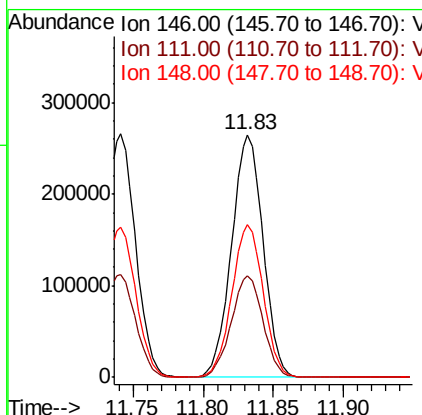
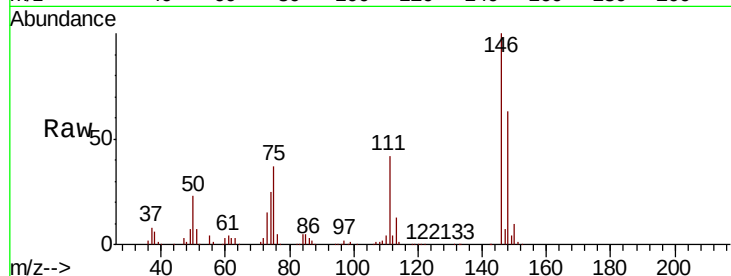




#83
 1,4-Dichlorobenzene
 Concen: 21.443 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

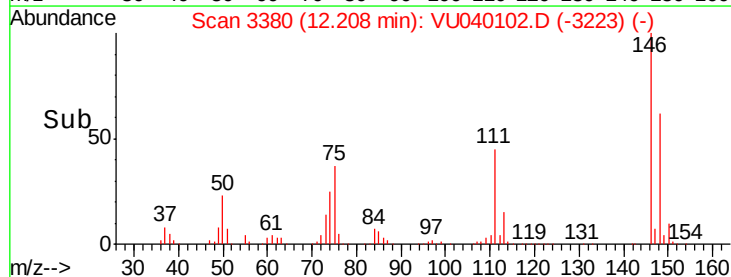
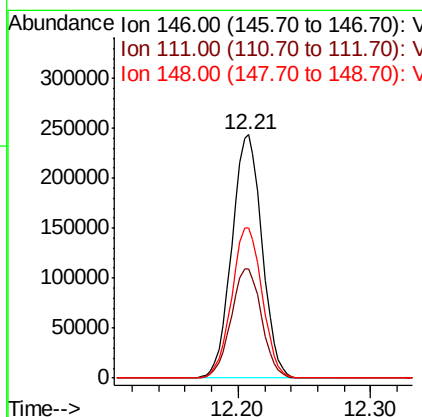
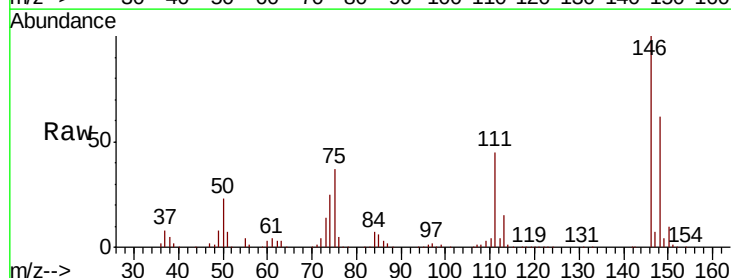
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

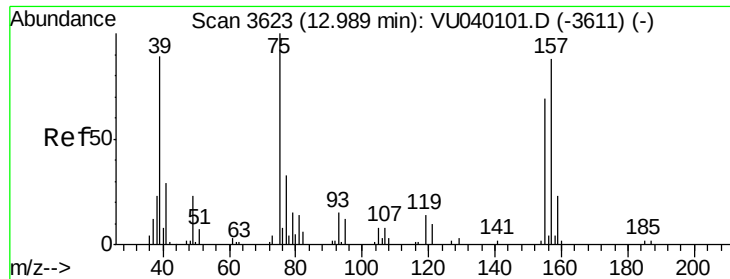
Tot Ion:146 Resp: 413574
 Ion Ratio Lower Upper
 146 100
 111 42.2 34.2 51.2
 148 62.7 50.2 75.2



#85
 1,2-Dichlorobenzene
 Concen: 20.589 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040102.D
 Acq: 11 Sep 2020 12:56

Tgt Ion:146 Resp: 384259
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.9 68.7
 148 62.6 31.1 93.2





#86

1,2-Dibromo-3-Chloropropane

Concen: 20.555 ug/l

RT: 12.99 min Scan# 3623

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

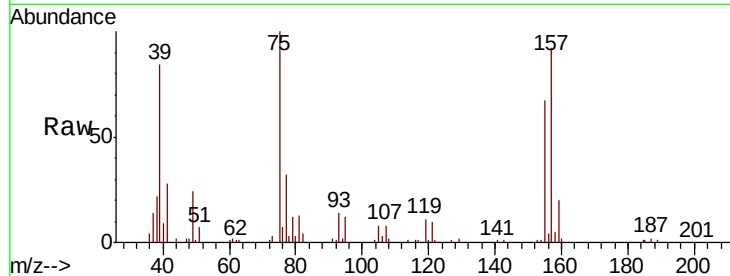
Tot Ion: 75 Resp: 36482

Ion Ratio Lower Upper

75 100

155 67.8 53.4 80.0

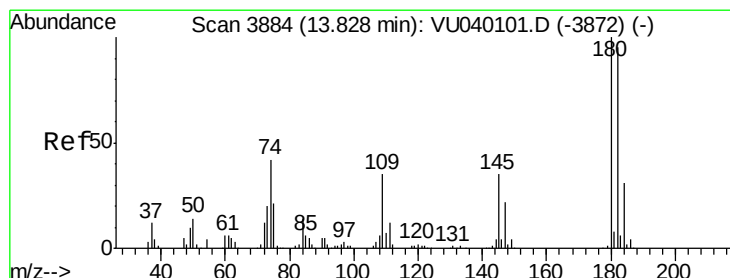
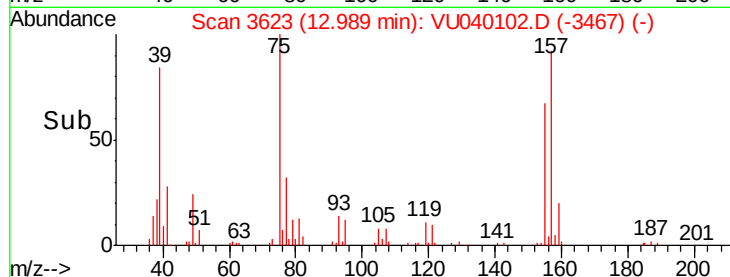
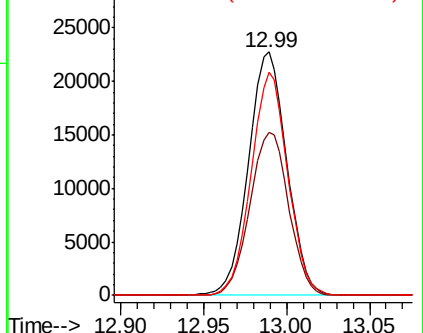
157 87.7 65.8 98.8



Abundance Ion 75.00 (74.70 to 75.70): VU040101.D (-3611) (-)

Ion 155.00 (154.70 to 155.70): VU040101.D (-3611) (-)

Ion 157.00 (156.70 to 157.70): VU040101.D (-3611) (-)



#87

1,2,4-Trichlorobenzene

Concen: 24.118 ug/l

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

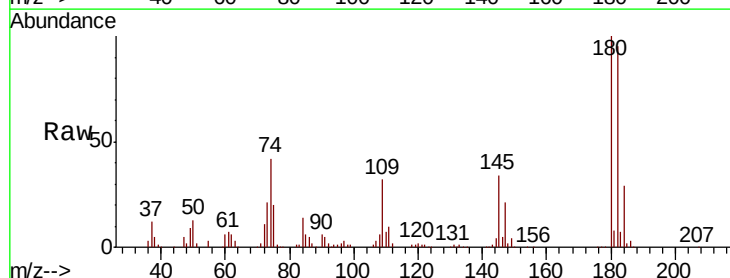
Tgt Ion: 180 Resp: 259798

Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.4

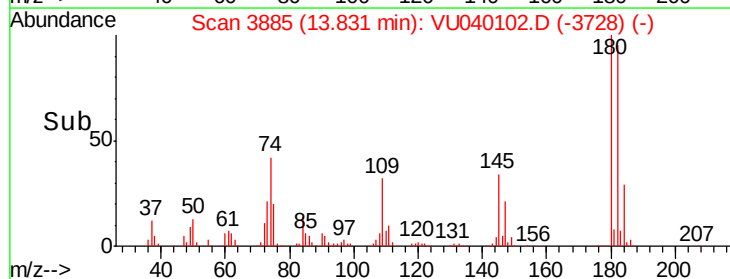
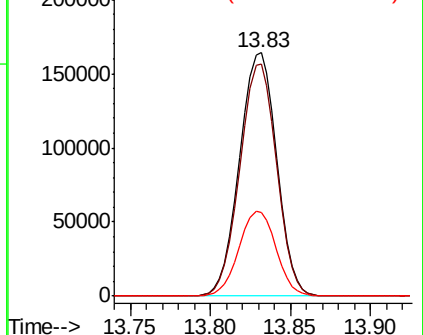
145 34.8 27.7 41.5

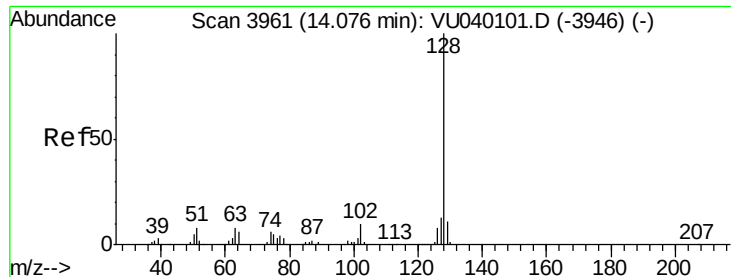


Abundance Ion 179.70 (179.40 to 180.40): VU040101.D (-3872) (-)

Ion 181.80 (181.50 to 182.50): VU040101.D (-3872) (-)

Ion 144.80 (144.50 to 145.50): VU040101.D (-3872) (-)





#89

Naphthalene

Concen: 26.007 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

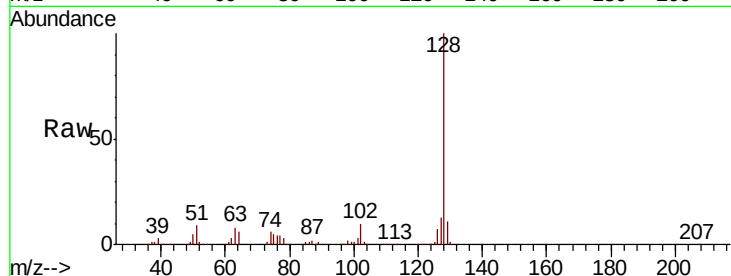
Tot Ion:128 Resp: 546059

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

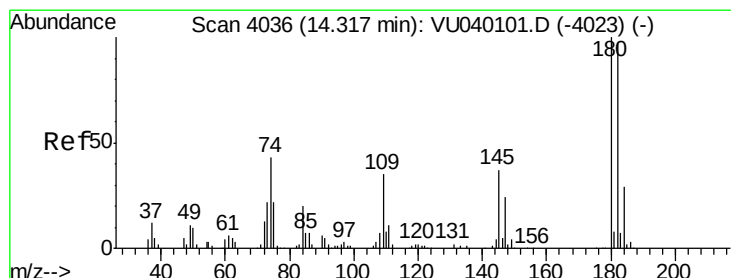
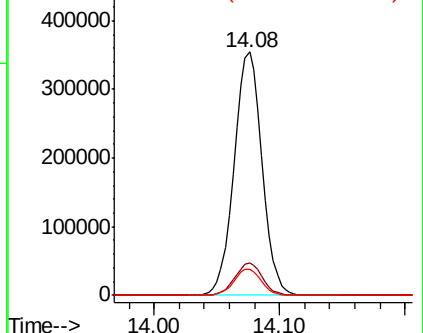
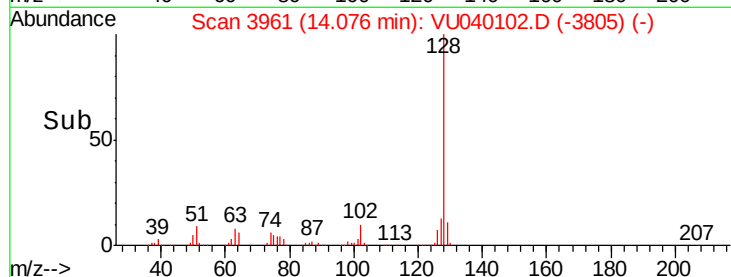
129 10.6 8.3 12.5



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: 23.305 ug/l

RT: 14.32 min Scan# 4036

Delta R.T. 0.00 min

Lab File: VU040102.D

Acq: 11 Sep 2020 12:56

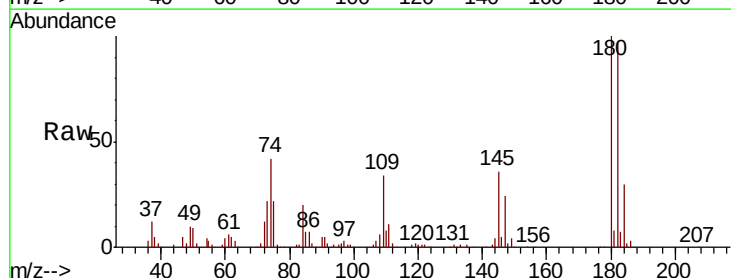
Tgt Ion:180 Resp: 233832

Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 37.2 30.6 45.8



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

