

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040912.D
 Acq On : 22 Oct 2020 19:03
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 23 06:44:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	55132	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.64	95	18598	0.84	ug/l	0.00
Spiked Amount	1.000		Recovery	=	84.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	19953	0.97	ug/l	0.00
Spiked Amount	1.000		Recovery	=	97.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	26262	1.542	ug/l 100
3) Chloromethane	1.53	50	27317	1.512	ug/l 100
4) Vinyl Chloride	1.61	62	24634	1.392	ug/l 94
5) Bromomethane	1.87	94	15938	1.273	ug/l 91
6) Chloroethane	1.94	64	14400	1.257	ug/l 100
7) Trichlorofluoromethane	2.15	101	31287	1.228	ug/l 96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	17210	1.178	ug/l 97
9) 1,1-Dichloroethene	2.59	96	15173	1.217	ug/l 98
10) Iodomethane	2.74	142	10397	1.011	ug/l 95
11) Allyl Chloride	2.94	41	31137	1.254	ug/l 99
12) Acrylonitrile	3.34	53	10991	2.525	ug/l # 87
13) Acetone	2.66	43	22804	5.888	ug/l 100
14) Carbon Disulfide	2.81	76	56960	1.539	ug/l 97
15) Methylene Chloride	3.06	84	21540	1.151	ug/l 93
16) trans-1,2-Dichloroethene	3.37	96	17263	1.272	ug/l 99
17) 1,1-Dichloroethane	3.89	63	35648	1.212	ug/l 98
18) 2-Butanone	4.74	43	34972	5.772	ug/l 100
19) Cyclohexane	5.39	56	28620	1.137	ug/l # 88
20) Methylcyclohexane	6.77	83	21034	0.934	ug/l 93
21) 2,2-Dichloropropane	4.68	77	31081	1.139	ug/l 99
22) cis-1,2-Dichloroethene	4.69	96	17972	1.161	ug/l 95
23) Diethyl Ether	2.39	59	14811	1.241	ug/l 98
24) tert-Butyl Alcohol	3.24	59	13084	8.323	ug/l # 92
25) Methyl tert-Butyl Ether	3.39	73	45749	1.118	ug/l 99
26) Bromochloromethane	4.99	128	8066	1.191	ug/l 94
27) Chloroform	5.11	83	33333	1.131	ug/l 97
28) 1,1,1-Trichloroethane	5.33	97	28906	1.134	ug/l 95
29) 1,1-Dichloropropene	5.54	75	24306	1.110	ug/l 99
30) Carbon Tetrachloride	5.54	117	26044	1.130	ug/l 95
31) Isopropyl Ether	4.02	45	53794	1.087	ug/l 98
32) Ethyl-t-butyl ether	4.53	59	47934	1.076	ug/l 100
33) Tert-Amyl methyl ether	5.96	73	31571	0.820	ug/l 97
34) Propionitrile	4.82	54	9318	6.036	ug/l # 74
35) Benzene	5.79	78	68231	1.126	ug/l 96
36) 1,2-Dichloroethane	5.81	62	26412	1.136	ug/l 98
37) Trichloroethene	6.55	130	16090	1.060	ug/l 85
38) 1,2-Dichloropropane	6.81	63	18804	1.074	ug/l # 88
39) Methacrylonitrile	5.00	41	9685	1.183	ug/l 93
40) Methyl acrylate	4.88	55	12796	1.209	ug/l # 95
41) Tetrahydrofuran	5.10	42	9507	2.394	ug/l 98
42) 1-Chlorobutane	5.47	56	38003	1.171	ug/l 95

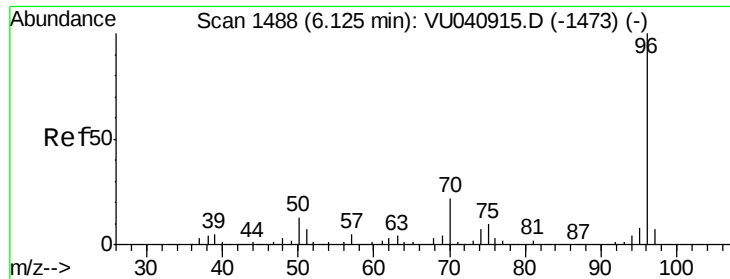
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040912.D
 Acq On : 22 Oct 2020 19:03
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 23 06:44:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	11038	1.100	ug/l	96
44) Bromodichloromethane	7.12	83	25077	1.043	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	61989	4.497	ug/l	96
46) t-1,4-Dichloro-2-butene	10.83	75	24272	4.656	ug/l #	49
47) Methyl methacrylate	6.98	69	15451	1.778	ug/l	98
48) Ethyl methacrylate	8.34	69	13696	0.882	ug/l	96
49) Toluene	7.98	92	33420	0.914	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	20019	0.930	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	22569	0.944	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	13923	1.081	ug/l	93
53) 1,3-Dichloropropane	8.58	76	25127	1.086	ug/l	99
54) 2-Hexanone	8.70	43	42347	4.269	ug/l	95
55) Dibromochloromethane	8.82	129	16465	1.099	ug/l	98
56) 1,2-Dibromoethane	8.93	107	11794	0.980	ug/l	96
58) Tetrachloroethene	8.56	164	14984	1.025	ug/l	92
59) Chlorobenzene	9.45	112	38217	0.960	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	14999	1.025	ug/l	98
61) Pentachloroethane	11.42	117	12827	1.241	ug/l	95
62) Hexachloroethane	12.47	117	12310	0.972	ug/l	96
63) Ethyl Benzene	9.57	91	54197	0.797	ug/l	97
64) m/p-Xylenes	9.69	106	40498	1.583	ug/l	98
65) o-Xylene	10.10	106	19050	0.778	ug/l	98
66) Styrene	10.11	104	32153	0.746	ug/l	98
67) Bromoform	10.29	173	8321	1.067	ug/l	94
69) Isopropylbenzene	10.48	105	52253	0.781	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.78	83	19036	1.102	ug/l	95
71) 1,2,3-Trichloropropane	10.83	75	24272	1.829	ug/l	71
72) Bromobenzene	10.78	156	14719	0.928	ug/l	93
73) n-propylbenzene	10.90	120	14049	0.755	ug/l	93
74) 2-Chlorotoluene	10.99	126	14432	0.889	ug/l	90
75) 1,3,5-Trimethylbenzene	11.09	105	42756	0.728	ug/l	99
76) 4-Chlorotoluene	11.10	126	13986	0.801	ug/l	92
77) tert-Butylbenzene	11.42	119	44975	0.822	ug/l	94
78) 1,2,4-Trimethylbenzene	11.47	105	42687	0.692	ug/l	97
79) sec-Butylbenzene	11.64	105	58791	0.746	ug/l	98
80) Nitrobenzene	13.21	77	3876	5.417	ug/l	98
81) p-Isopropyltoluene	11.79	119	47851	0.757	ug/l	97
82) 1,3-Dichlorobenzene	11.74	146	32886	0.948	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	32377	0.941	ug/l	97
84) n-Butylbenzene	12.20	91	49123	0.762	ug/l	96
85) 1,2-Dichlorobenzene	12.20	146	32069	0.962	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	3636	1.148	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.83	180	17926	0.931	ug/l	94
88) Hexachlorobutadiene	14.01	225	9882	0.982	ug/l	90
89) Naphthalene	14.08	128	29039	0.773	ug/l	97
90) 1,2,3-Trichlorobenzene	14.32	180	17063	0.935	ug/l	94

(#) = 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: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 96 Resp: 55132

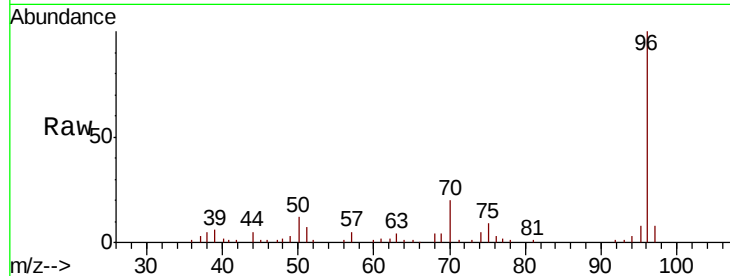
Ion Ratio Lower Upper

96 100

70 20.6 16.3 24.5

95 8.8 7.3 10.9

97 7.4 0.0 0.0#

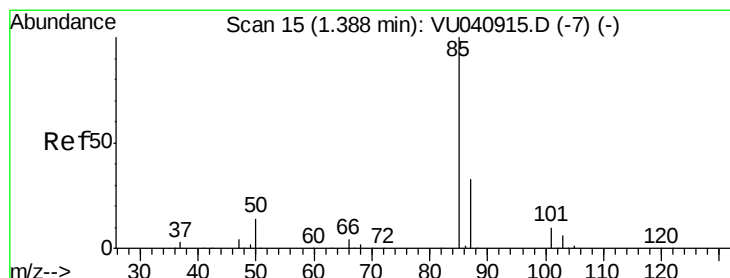
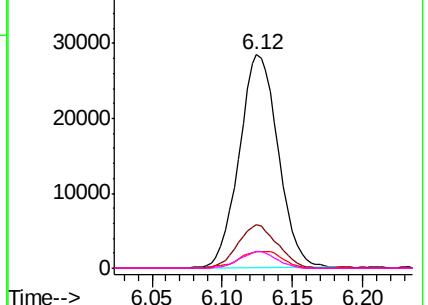
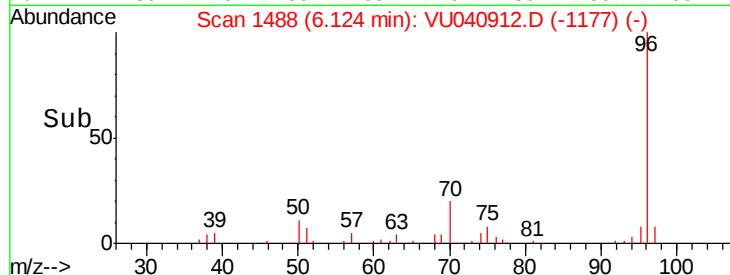


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.542 ug/l

RT: 1.39 min Scan# 16

Delta R.T. 0.00 min

Lab File: VU040912.D

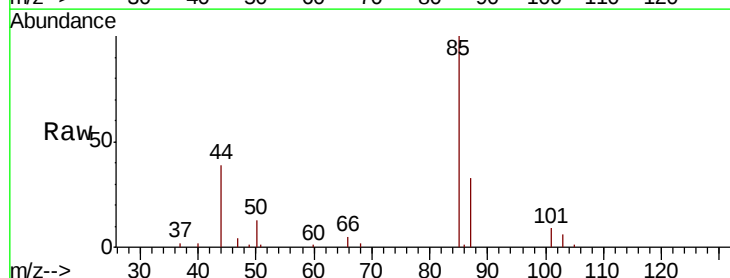
Acq: 22 Oct 2020 19:03

Tgt Ion: 85 Resp: 26262

Ion Ratio Lower Upper

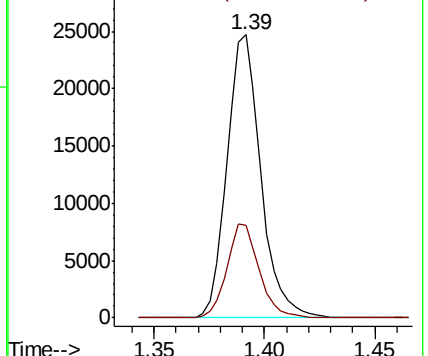
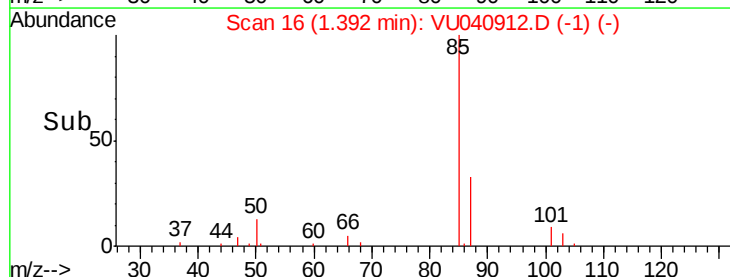
85 100

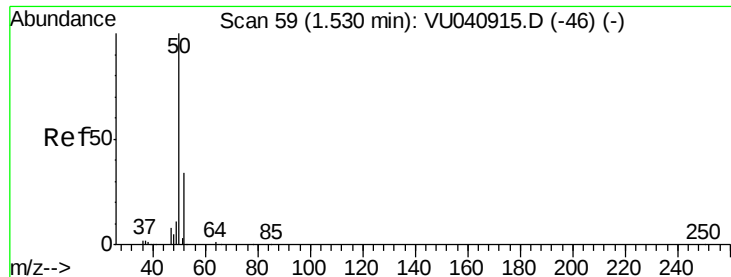
87 32.8 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.512 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

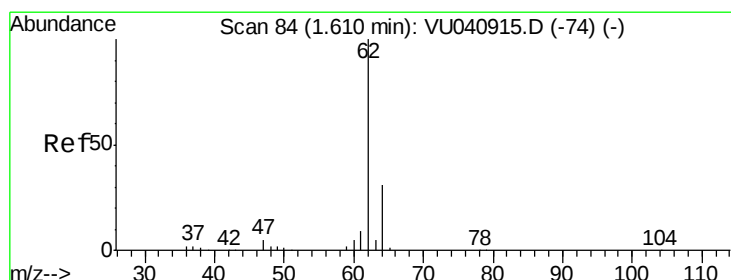
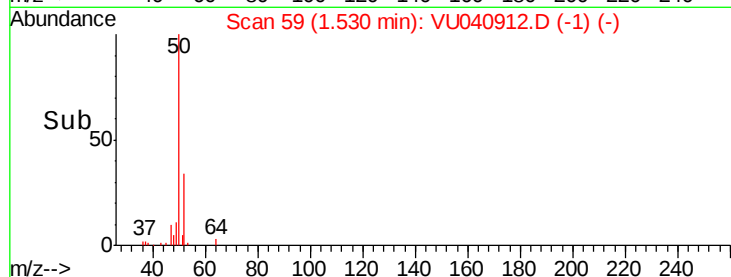
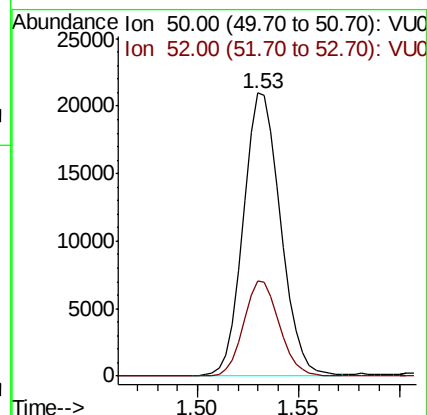
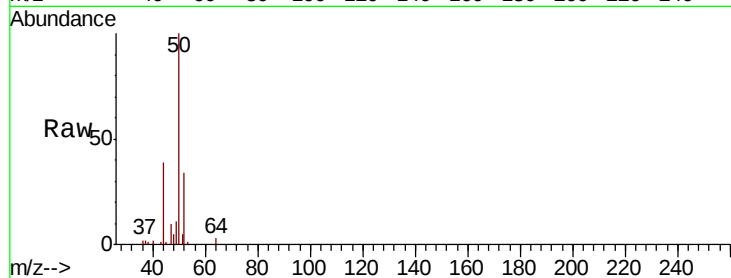
VSTDIC001

Tot Ion: 50 Resp: 27317

Ion Ratio Lower Upper

50 100

52 33.5 26.9 40.3



#4

Vinyl Chloride

Concen: 1.392 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040912.D

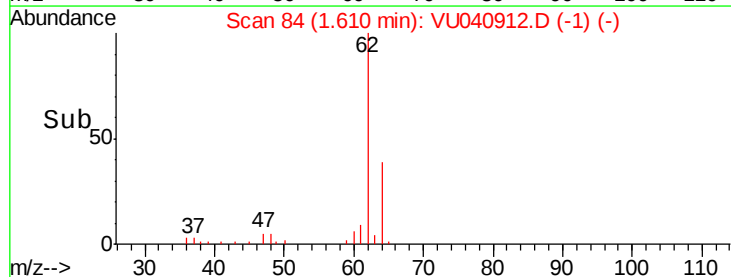
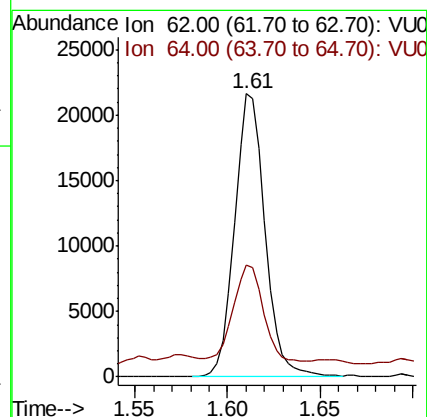
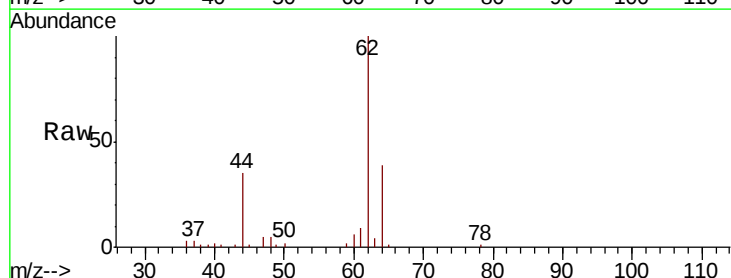
Acq: 22 Oct 2020 19:03

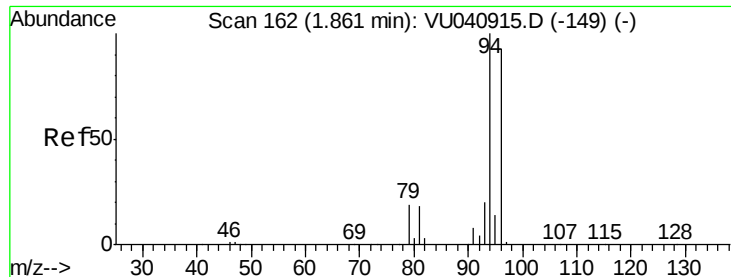
Tgt Ion: 62 Resp: 24634

Ion Ratio Lower Upper

62 100

64 33.9 24.7 37.1





#5

Bromomethane

Concen: 1.273 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

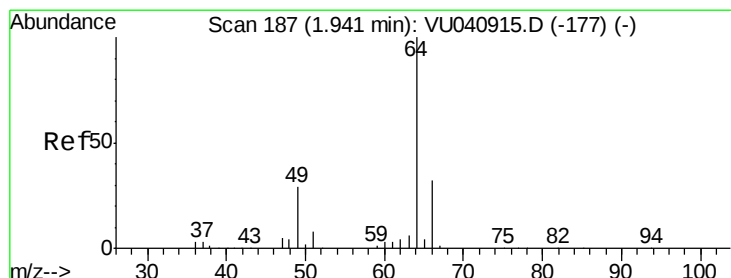
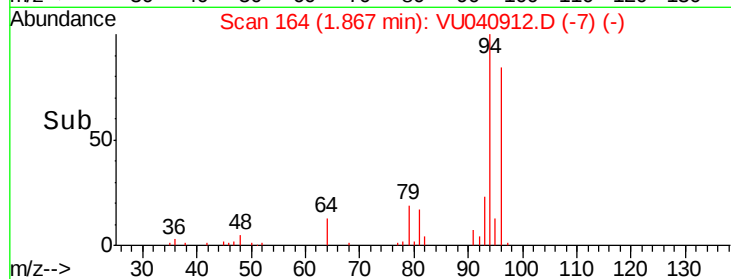
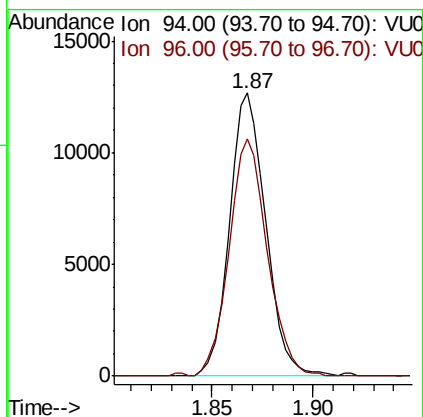
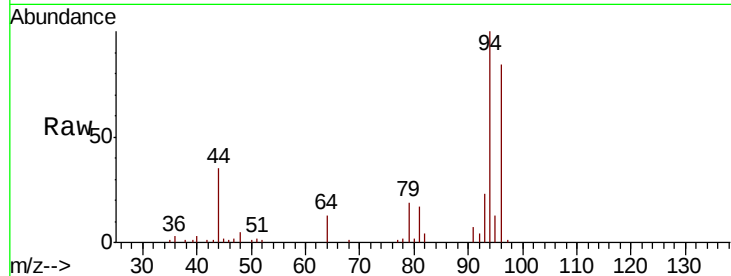
VSTDIC001

Tot Ion: 94 Resp: 15938

Ion Ratio Lower Upper

94 100

96 84.0 74.4 111.6



#6

Chloroethane

Concen: 1.257 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040912.D

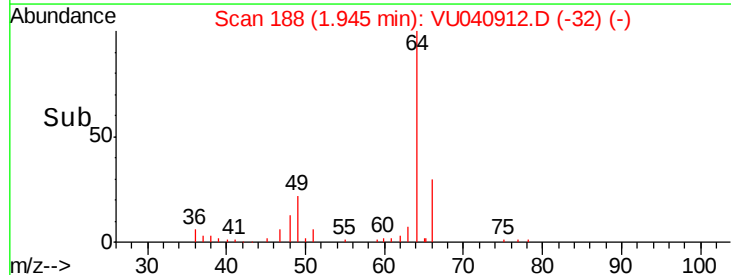
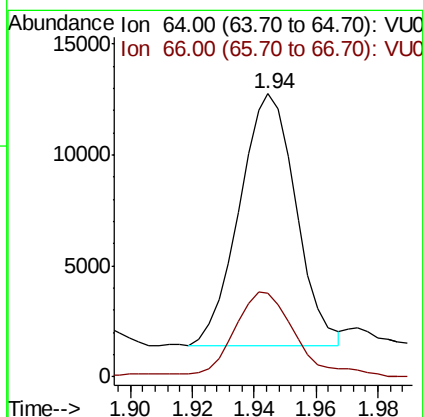
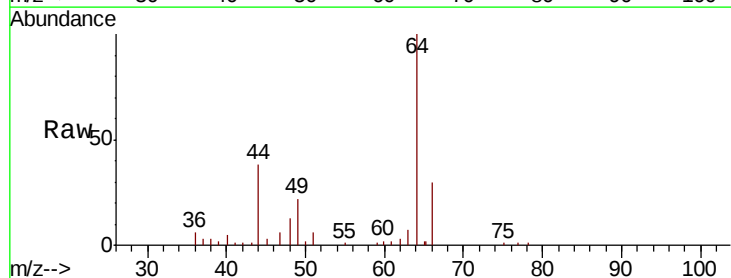
Acq: 22 Oct 2020 19:03

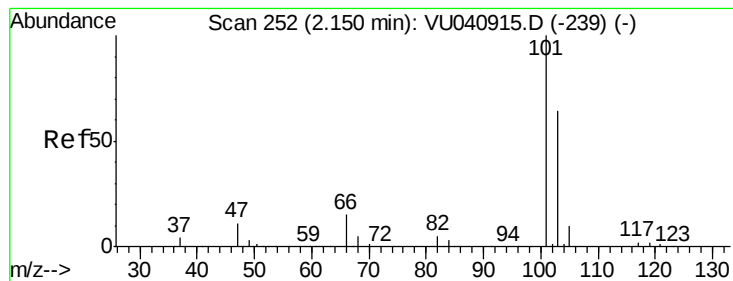
Tgt Ion: 64 Resp: 14400

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.2





#7

Trichlorofluoromethane

Concen: 1.228 ug/l

RT: 2.15 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

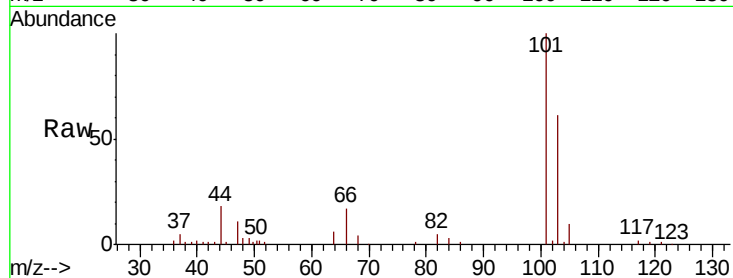
VSTDIC001

Tot Ion:101 Resp: 31287

Ion Ratio Lower Upper

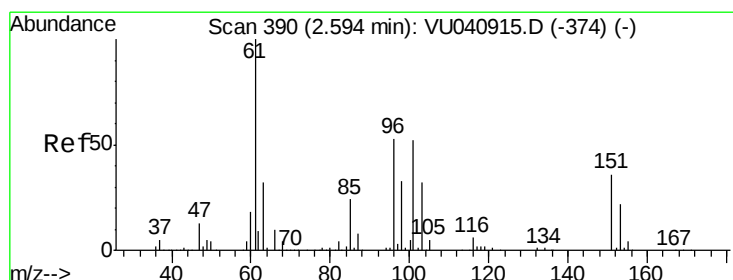
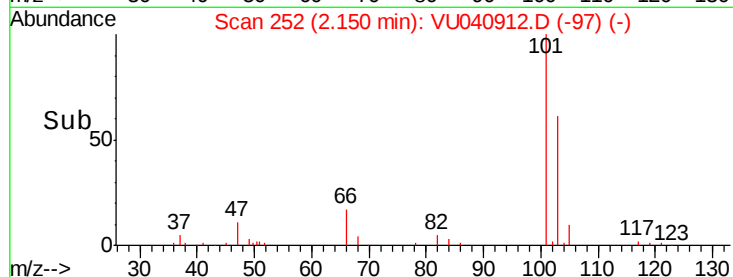
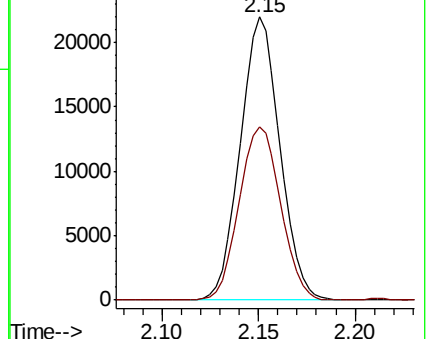
101 100

103 61.1 51.5 77.3



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: 1.178 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

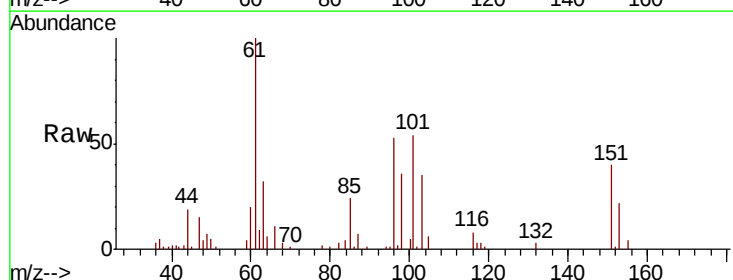
Tgt Ion:101 Resp: 17210

Ion Ratio Lower Upper

101 100

85 46.4 36.2 54.2

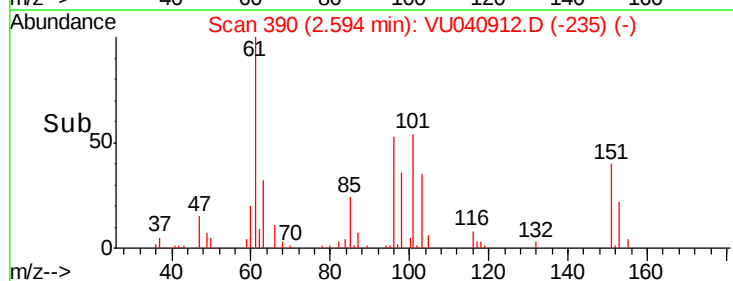
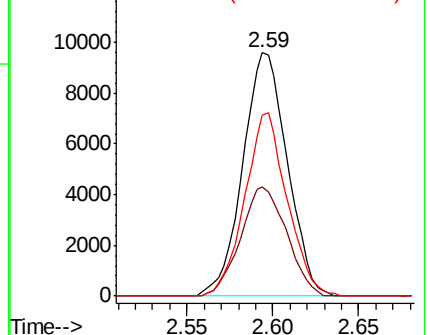
151 71.7 55.1 82.7

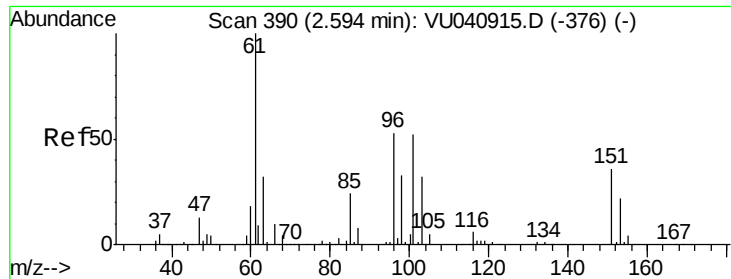


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.217 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

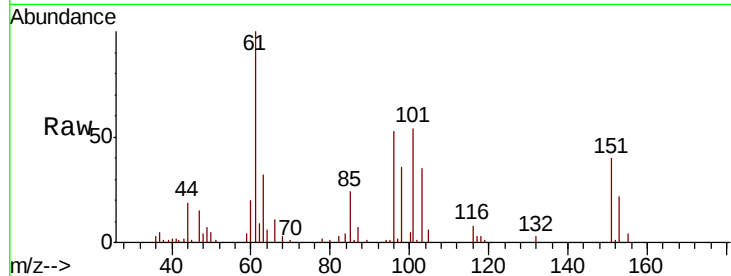
Tot Ion: 96 Resp: 15173

Ion Ratio Lower Upper

96 100

61 188.3 0.0 561.9

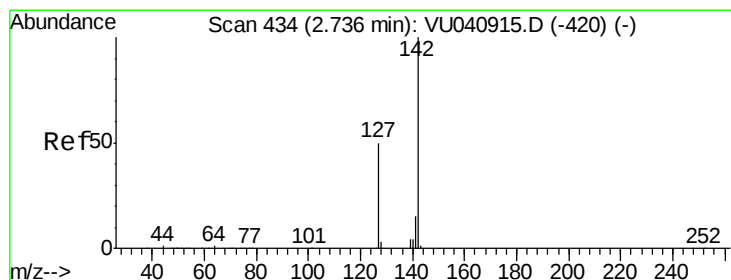
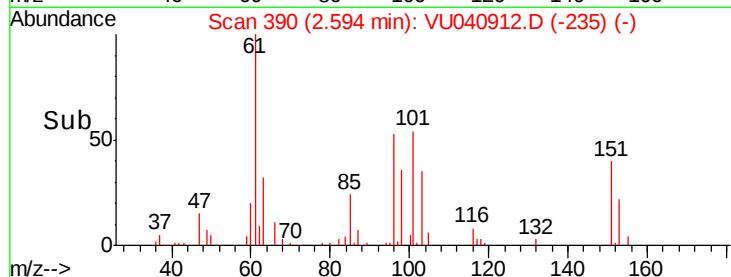
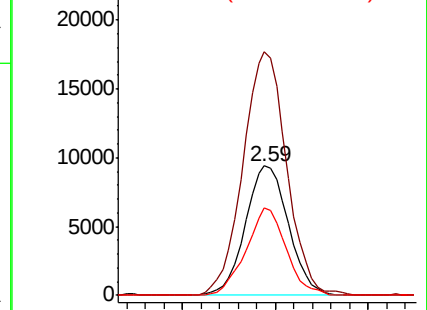
98 67.8 0.0 125.0



Abundance Ion 96.00 (95.70 to 96.70): VU040912.D (-235) (-)

Ion 61.00 (60.70 to 61.70): VU040912.D (-235) (-)

Ion 98.00 (97.70 to 98.70): VU040912.D (-235) (-)



#10

Iodomethane

Concen: 1.011 ug/l

RT: 2.74 min Scan# 435

Delta R.T. 0.00 min

Lab File: VU040912.D

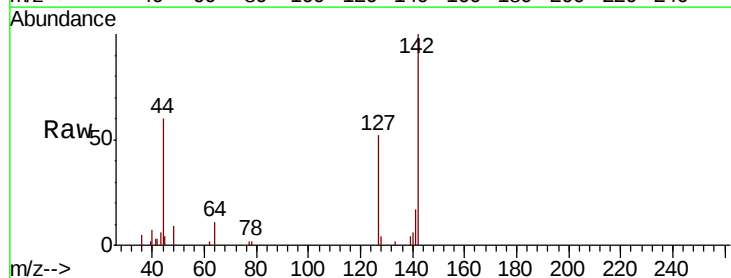
Acq: 22 Oct 2020 19:03

Tgt Ion: 142 Resp: 10397

Ion Ratio Lower Upper

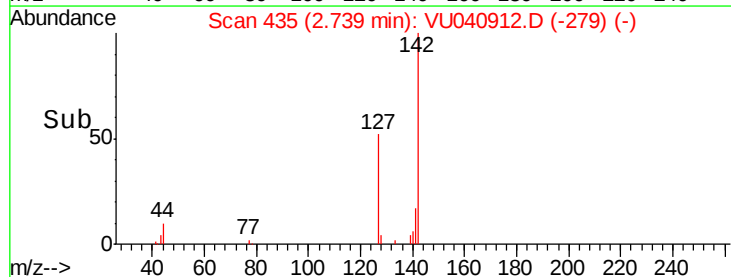
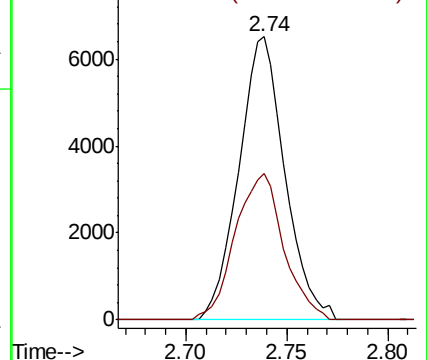
142 100

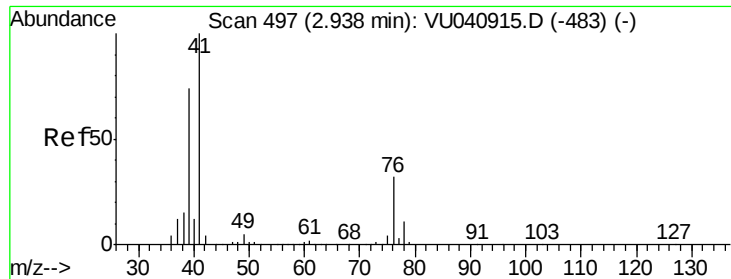
127 54.5 40.6 60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040912.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU040912.D (-279) (-)

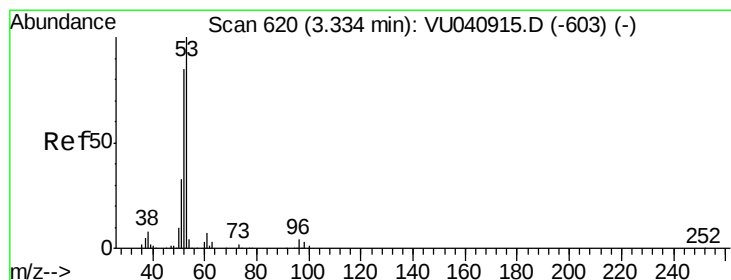
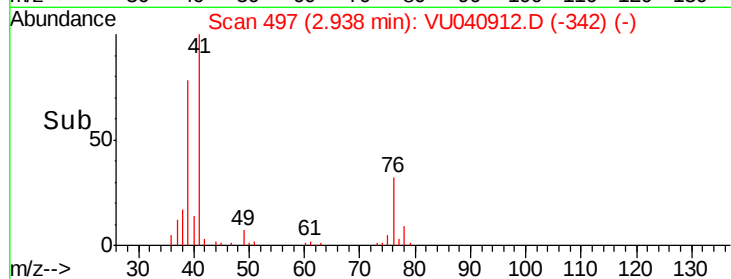
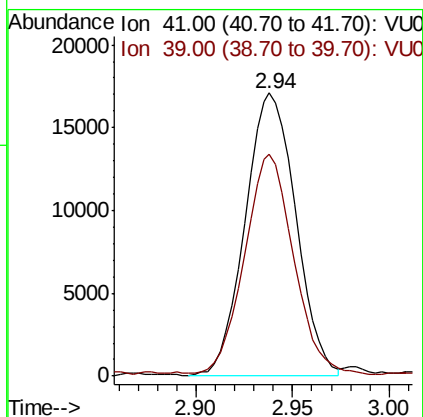
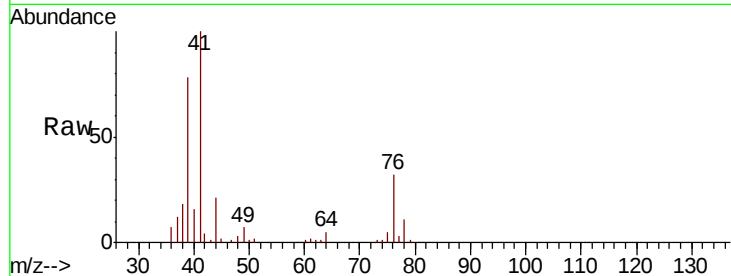




#11
Allvl Chloride
Concen: 1.254 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

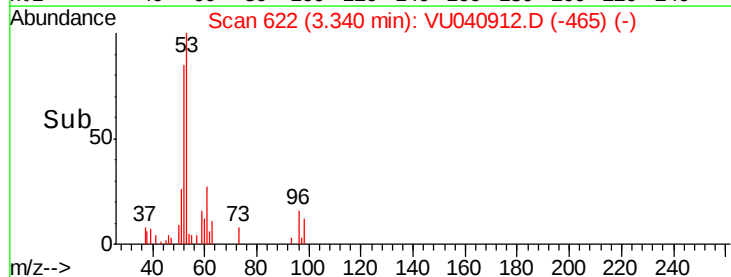
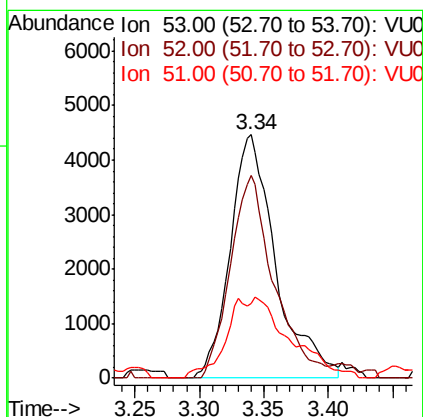
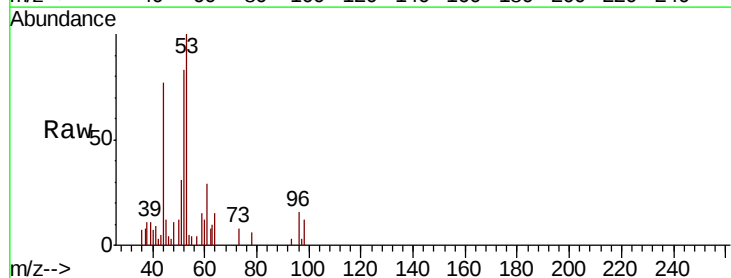
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

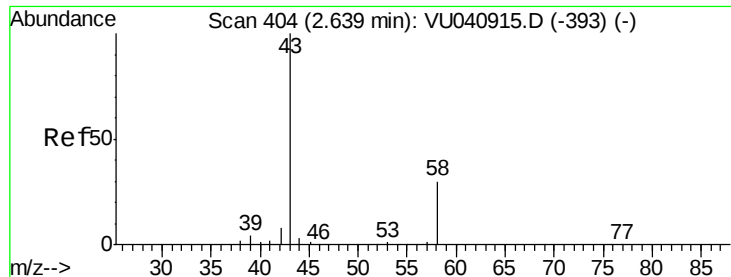
Tot Ion: 41 Resp: 31137
Ion Ratio Lower Upper
41 100
39 74.9 59.0 88.4



#12
Acrylonitrile
Concen: 2.525 ug/l
RT: 3.34 min Scan# 622
Delta R.T. 0.01 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 53 Resp: 10991
Ion Ratio Lower Upper
53 100
52 79.8 63.1 94.7
51 16.3 30.6 46.0#





#13

Acetone

Concen: 5.888 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.02 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

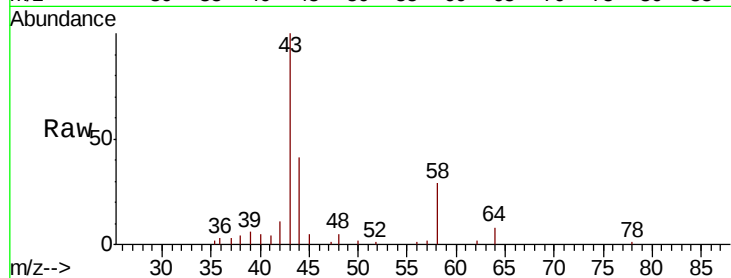
VSTDIC001

Tot Ion: 43 Resp: 22804

Ion Ratio Lower Upper

43 100

58 29.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VU040915.D (-393) (-)

Ion 58.00 (57.70 to 58.70): VU040915.D (-393) (-)

2.66

10000

8000

6000

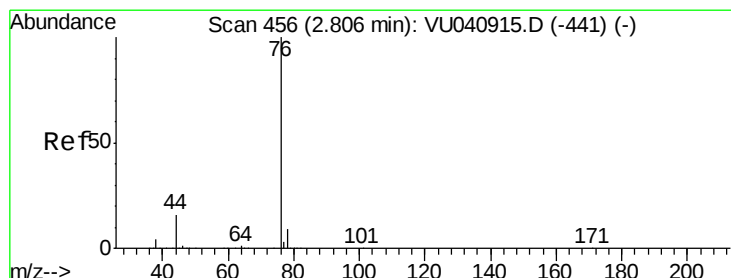
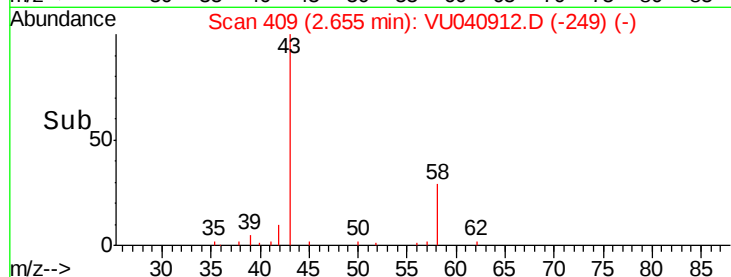
4000

2000

0

Time-->

2.60 2.70



#14

Carbon Disulfide

Concen: 1.539 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040912.D

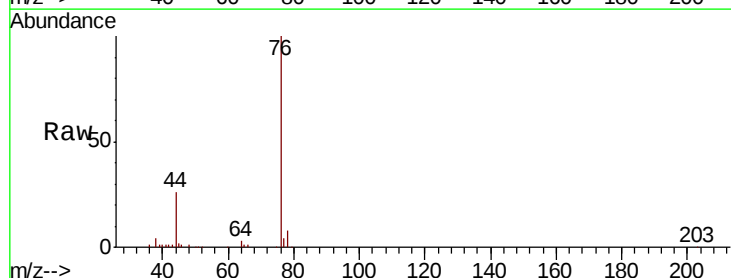
Acq: 22 Oct 2020 19:03

Tgt Ion: 76 Resp: 56960

Ion Ratio Lower Upper

76 100

78 7.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU040915.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU040915.D (-441) (-)

2.81

40000

30000

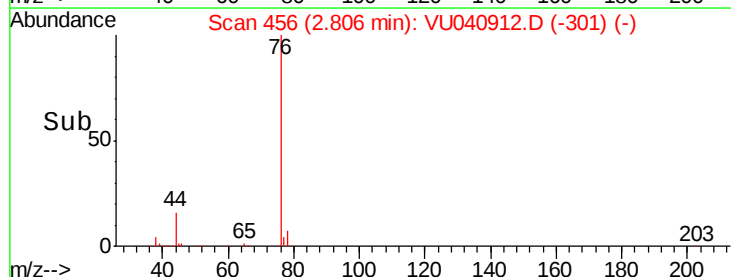
20000

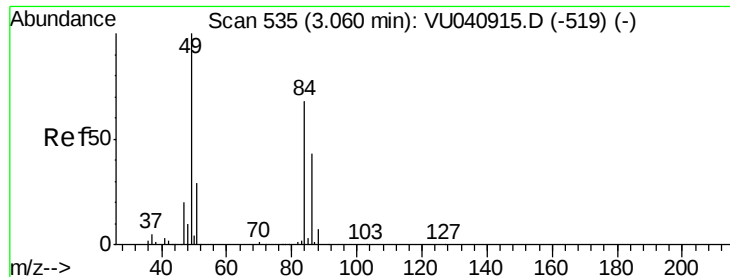
10000

0

Time-->

2.75 2.80 2.85 2.90

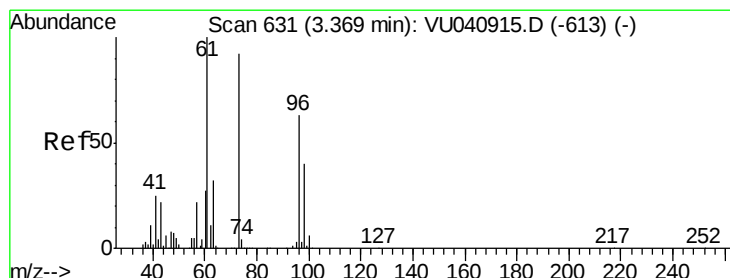
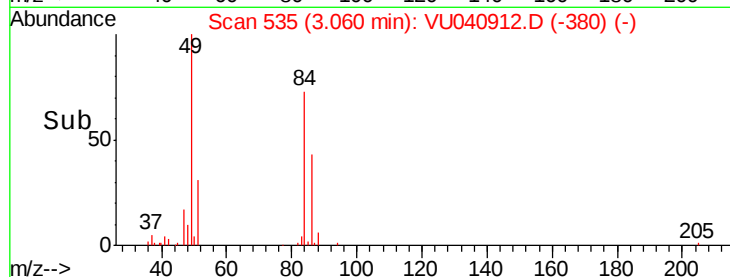
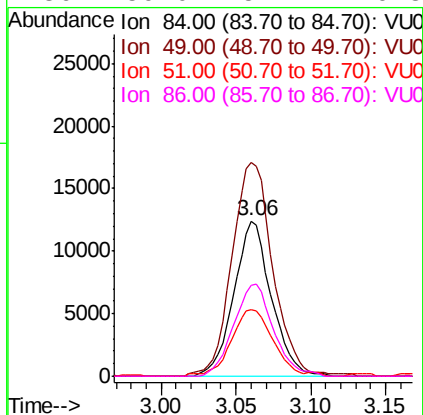
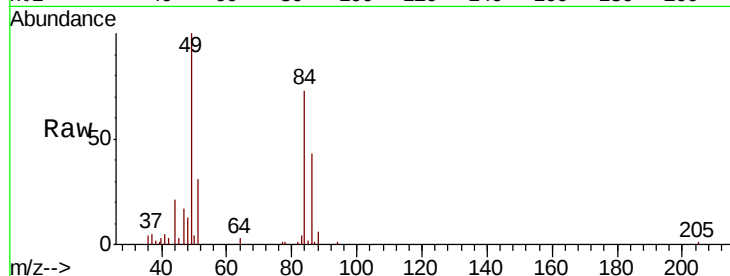




#15
Methylene Chloride
Concen: 1.151 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

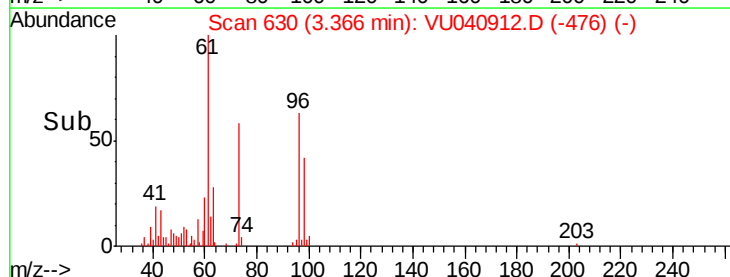
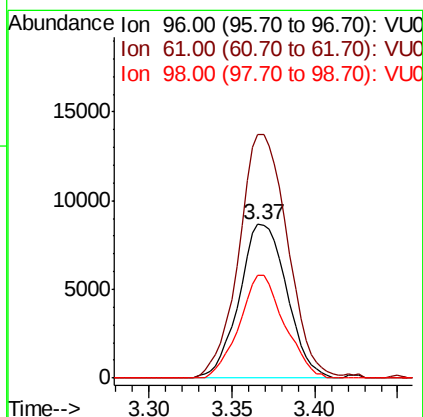
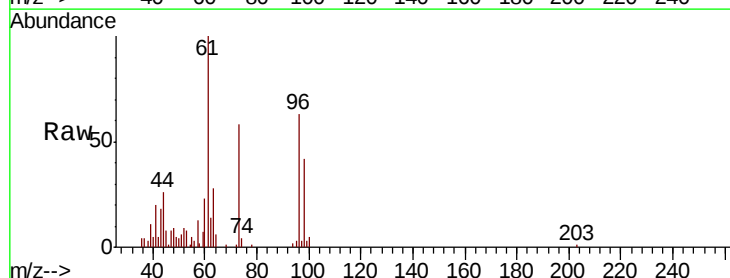
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

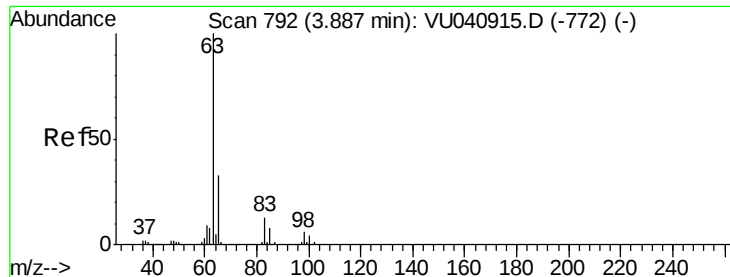
Tot Ion:	84	Resp:	21540
Ion	Ratio	Lower	Upper
84	100		
49	136.4	118.2	177.4
51	43.0	0.0	86.8
86	59.0	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 1.272 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion:	96	Resp:	17263
Ion	Ratio	Lower	Upper
96	100		
61	158.7	127.0	190.4
98	67.1	51.2	76.8

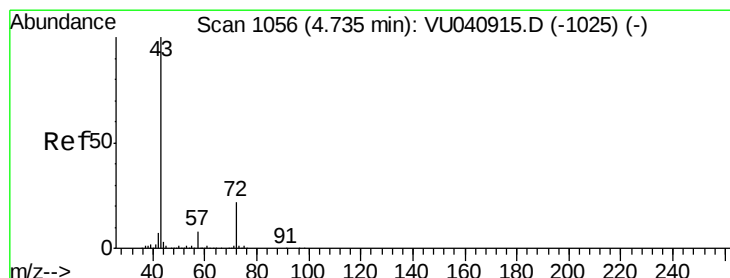
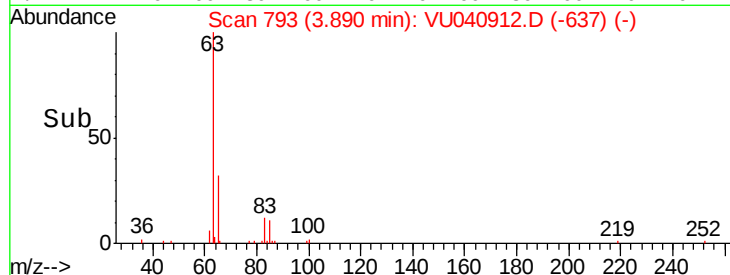
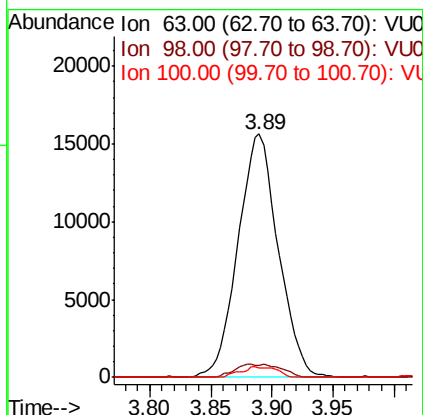
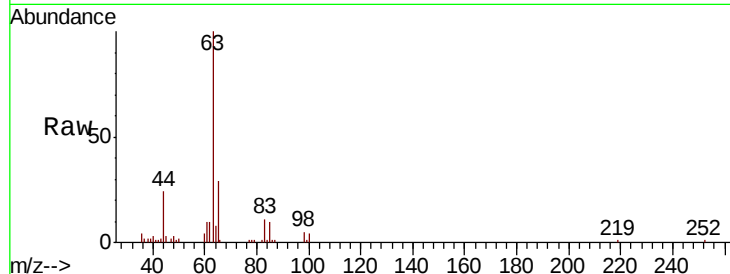




#17
 1,1-Dichloroethane
 Concen: 1.212 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

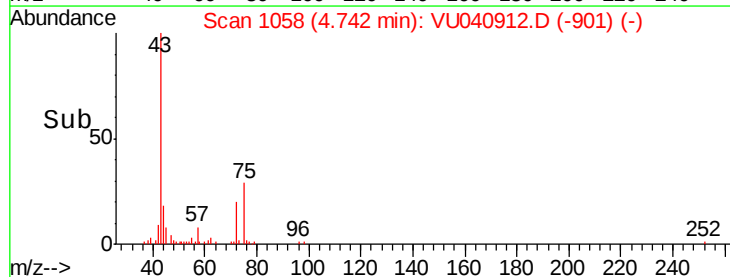
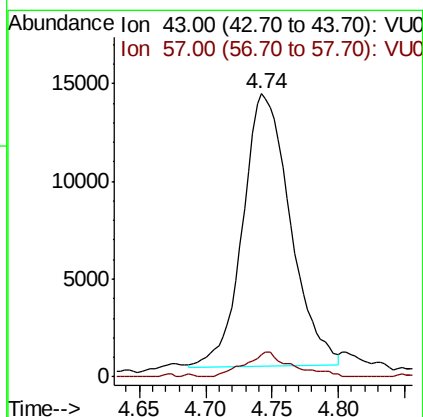
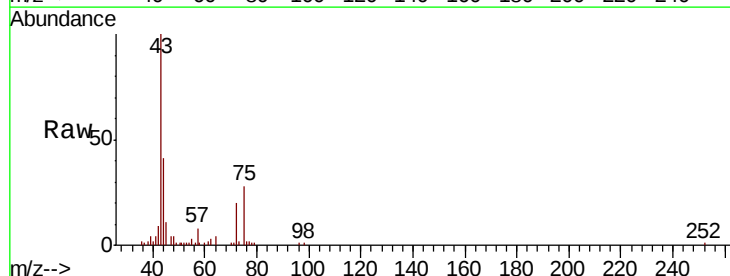
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

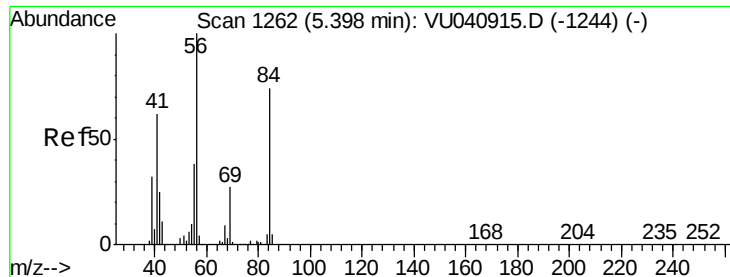
Tot Ion: 63 Resp: 35648
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.0 9.2
 100 3.7 1.8 5.5



#18
 2-Butanone
 Concen: 5.772 ug/l
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion: 43 Resp: 34972
 Ion Ratio Lower Upper
 43 100
 57 7.5 0.0 15.2





#19

Cyclohexane

Concen: 1.137 ug/l

RT: 5.39 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

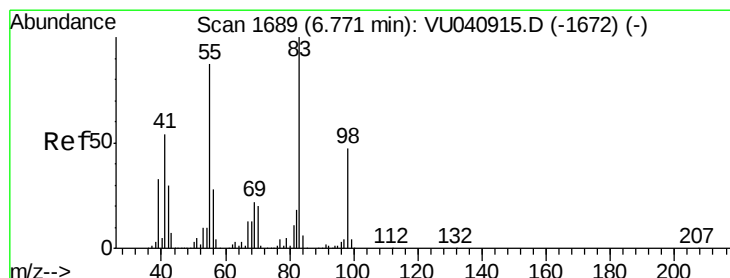
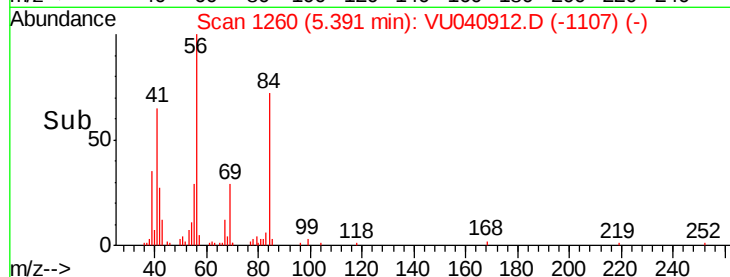
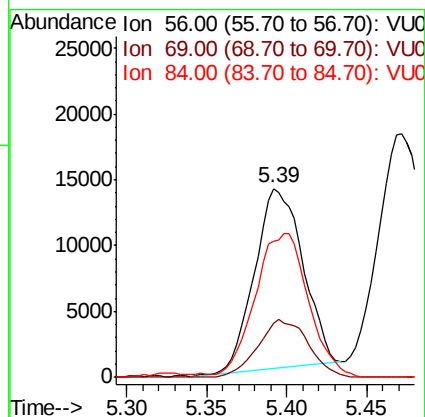
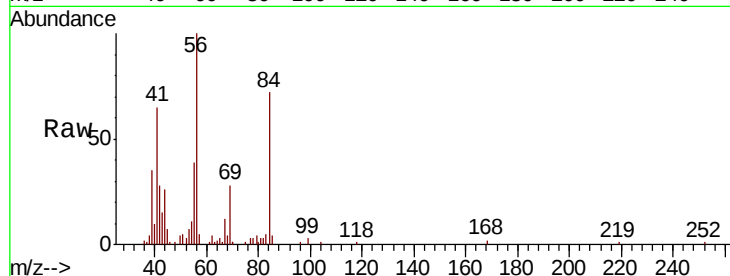
MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 56 Resp: 28620

Ion	Ratio	Lower	Upper
56	100		
69	33.3	22.2	33.2#
84	85.9	60.1	90.1



#20

Methylcyclohexane

Concen: 0.934 ug/l

RT: 6.77 min Scan# 1689

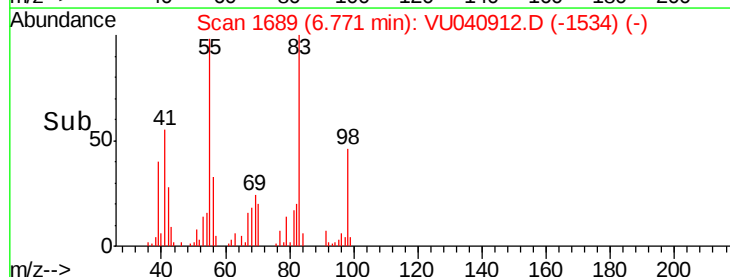
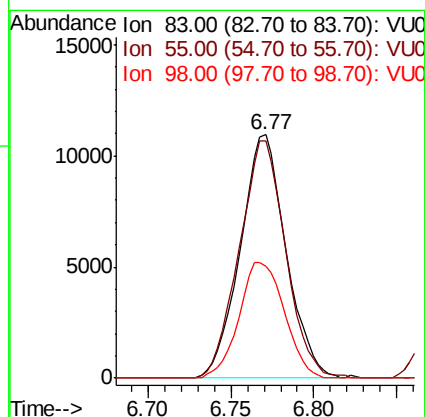
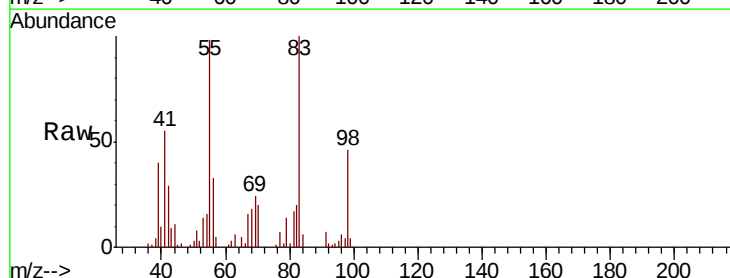
Delta R.T. -0.00 min

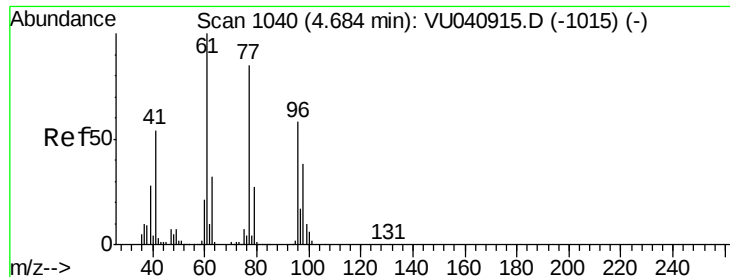
Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Tgt Ion: 83 Resp: 21034

Ion	Ratio	Lower	Upper
83	100		
55	98.7	71.0	106.4
98	47.2	38.1	57.1





#21

2,2-Dichloropropane

Concen: 1.139 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

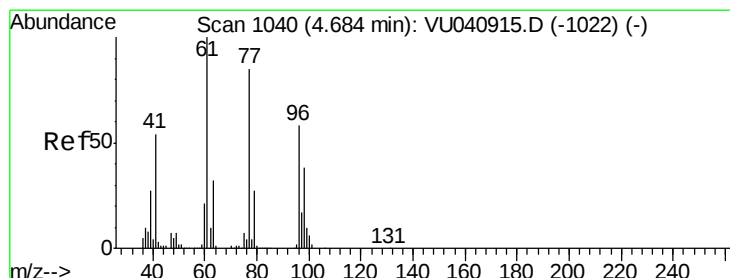
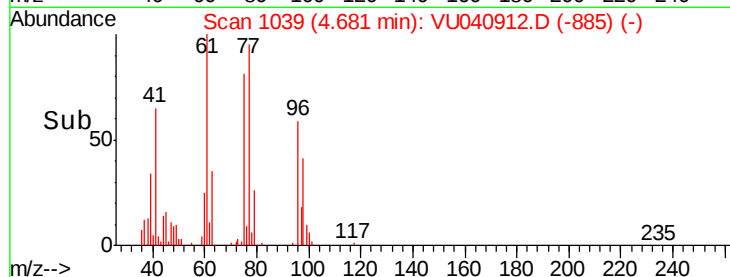
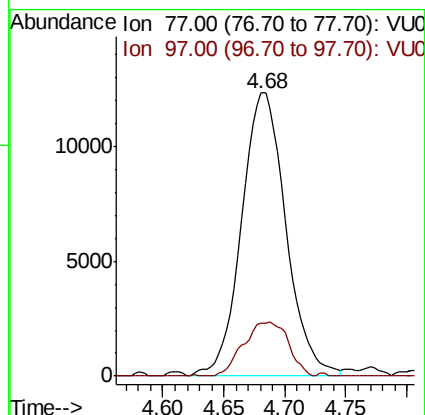
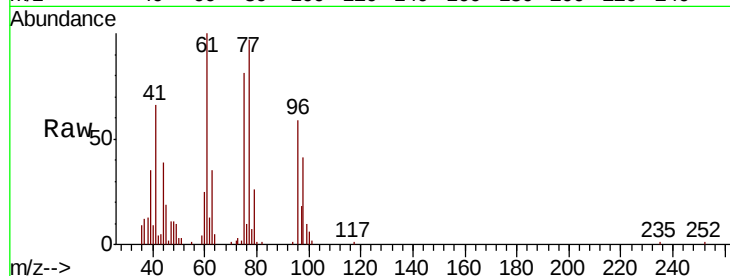
VSTDIC001

Tot Ion: 77 Resp: 31081

Ion Ratio Lower Upper

77 100

97 19.3 16.0 24.0



#22

cis-1,2-Dichloroethene

Concen: 1.161 ug/l

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

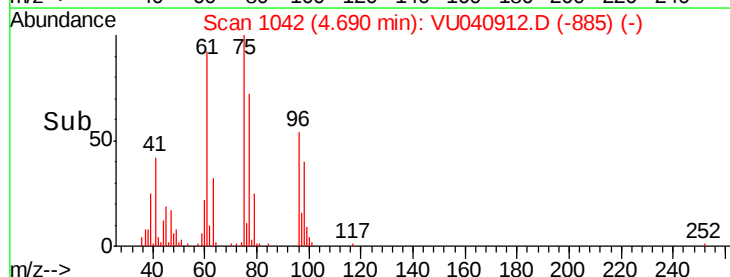
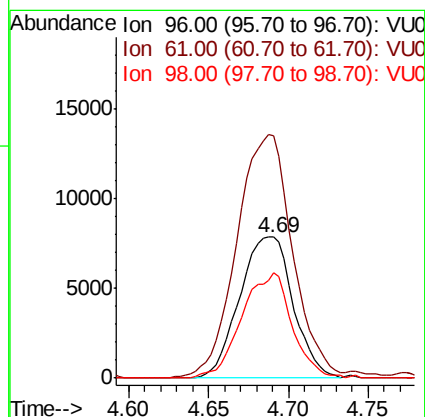
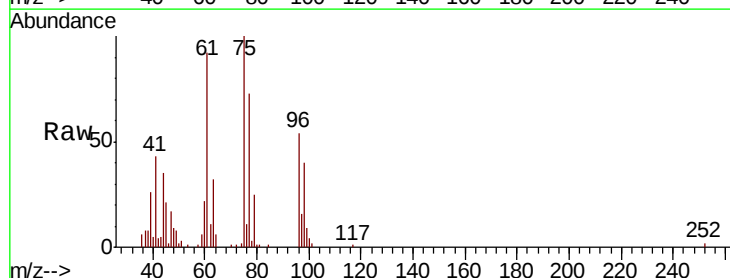
Tgt Ion: 96 Resp: 17972

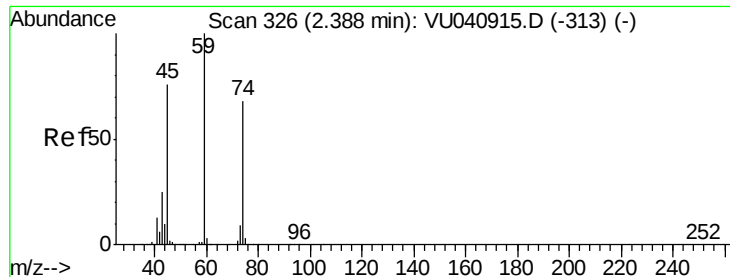
Ion Ratio Lower Upper

96 100

61 180.2 0.0 434.5

98 70.0 32.6 97.8

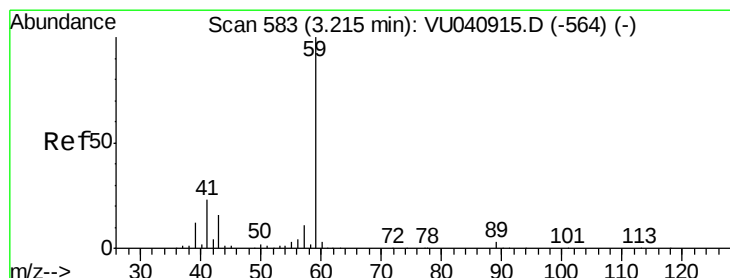
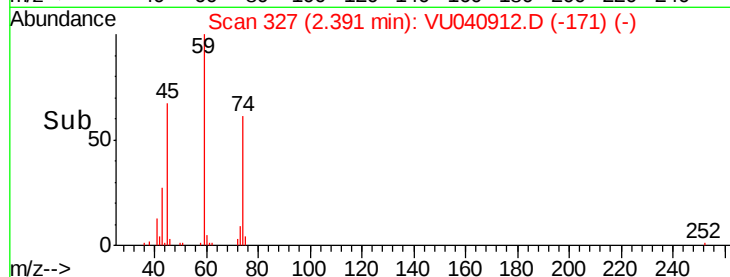
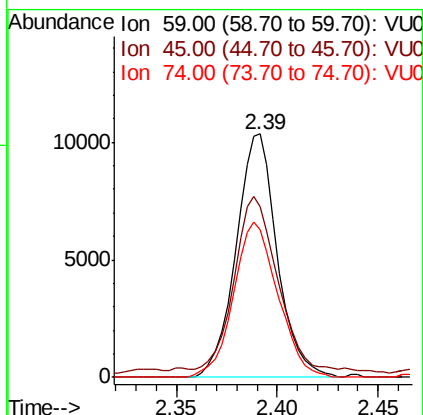
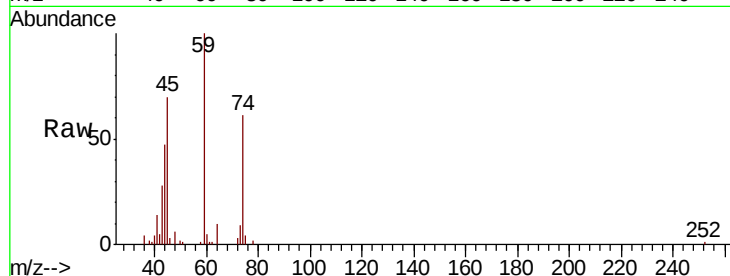




#23
Diethyl Ether
Concen: 1.241 ug/l
RT: 2.39 min Scan# 327
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

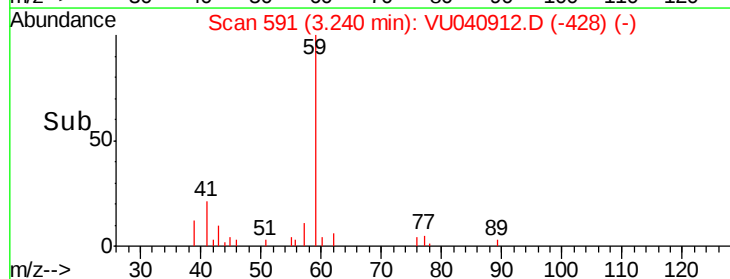
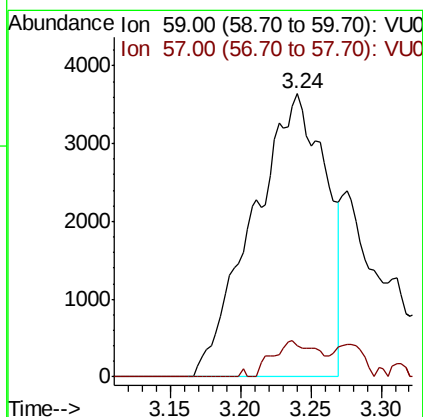
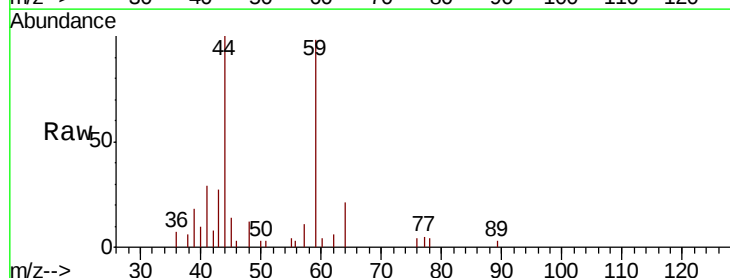
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

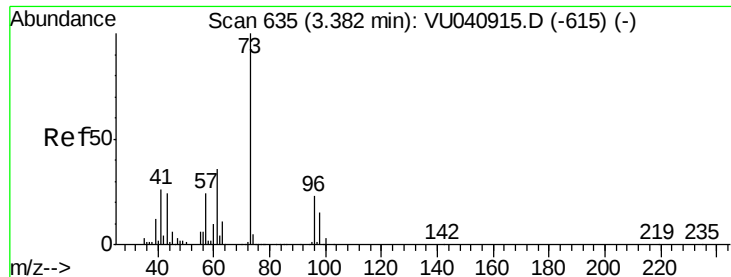
Tot Ion: 59 Resp: 14811
Ion Ratio Lower Upper
59 100
45 79.1 61.4 92.2
74 68.4 55.0 82.4



#24
tert-Butyl Alcohol
Concen: 8.323 ug/l
RT: 3.24 min Scan# 591
Delta R.T. 0.03 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 59 Resp: 13084
Ion Ratio Lower Upper
59 100
57 7.5 8.4 12.6#





#25

Methyl tert-Butyl Ether

Concen: 1.118 ug/l

RT: 3.39 min Scan# 637

Delta R.T. 0.01 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

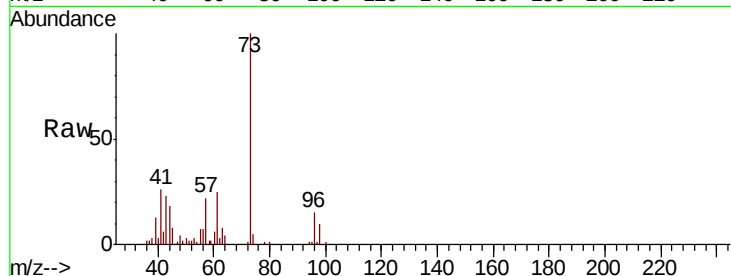
VSTDIC001

Tot Ion: 73 Resp: 45749

Ion Ratio Lower Upper

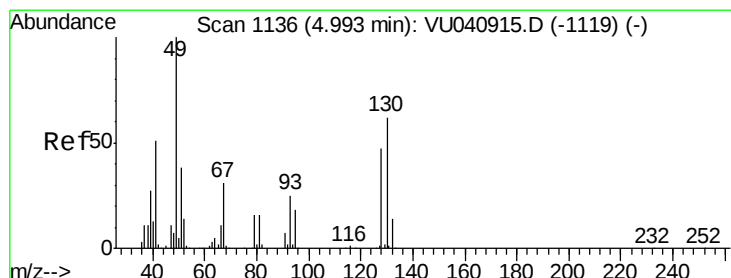
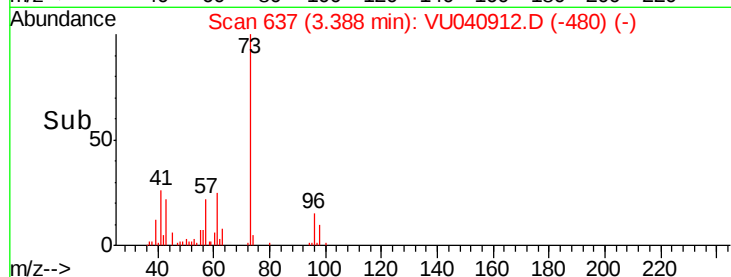
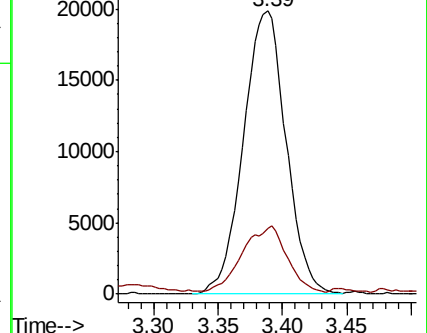
73 100

43 24.1 19.0 28.6



Abundance Ion 73.00 (72.70 to 73.70): VU040912.D (-615) (-)

Ion 43.00 (42.70 to 43.70): VU040912.D (-615) (-)



#26

Bromochloromethane

Concen: 1.191 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

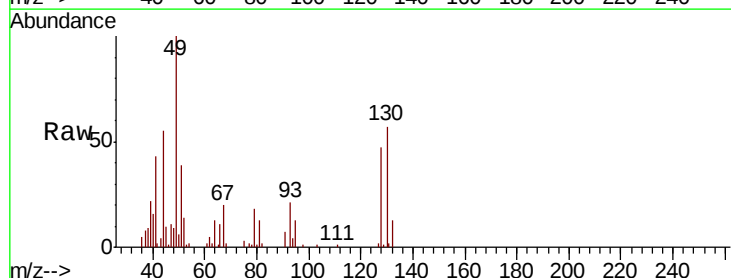
Tgt Ion: 128 Resp: 8066

Ion Ratio Lower Upper

128 100

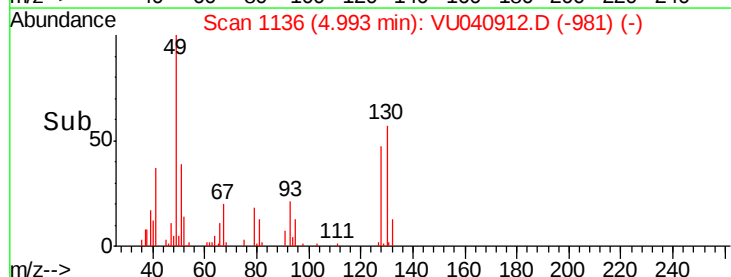
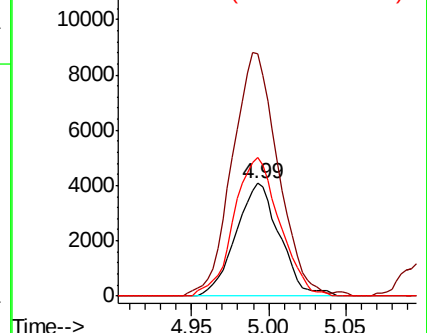
49 224.1 0.0 426.4

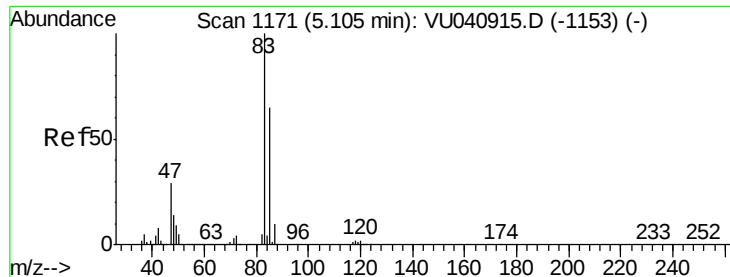
130 127.6 106.2 159.4



Abundance Ion 128.00 (127.70 to 128.70): VU040912.D (-981) (-)

Ion 49.00 (48.70 to 49.70): VU040912.D (-981) (-)

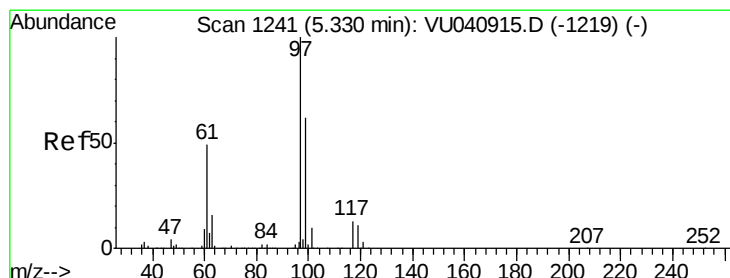
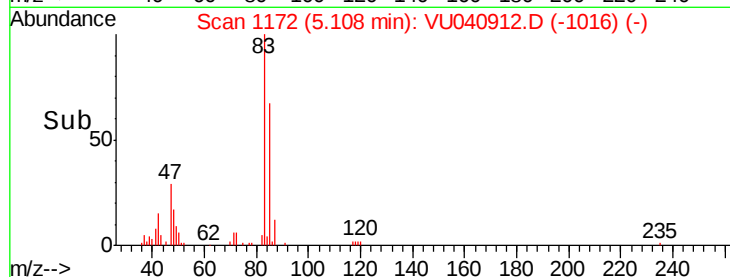
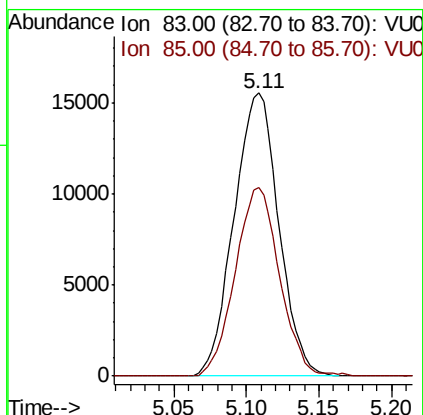
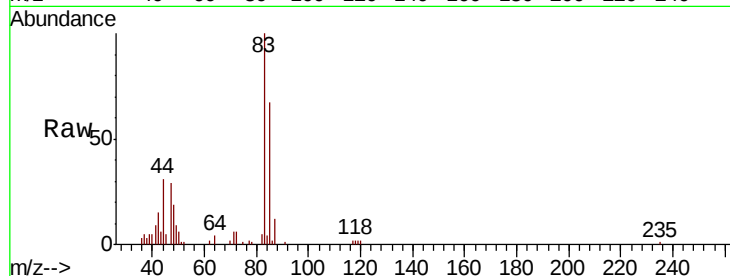




#27
Chloroform
Concen: 1.131 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

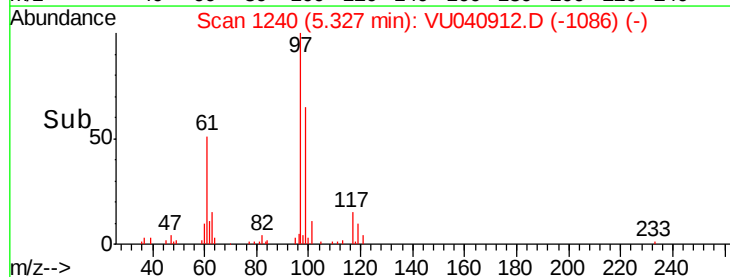
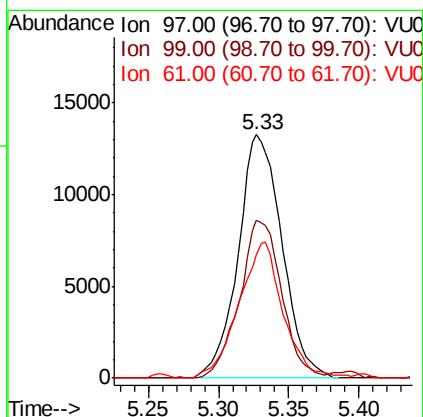
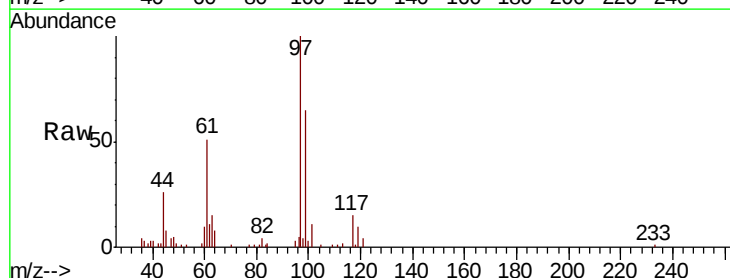
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

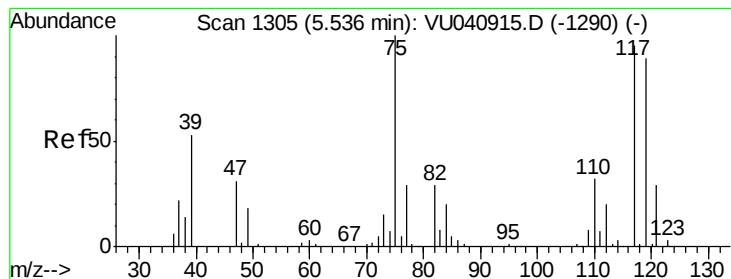
Tot Ion: 83 Resp: 33333
Ion Ratio Lower Upper
83 100
85 66.9 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 1.134 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 97 Resp: 28906
Ion Ratio Lower Upper
97 100
99 62.2 31.4 94.3
61 56.1 24.7 74.1





#29

1,1-Dichloropropene

Concen: 1.110 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

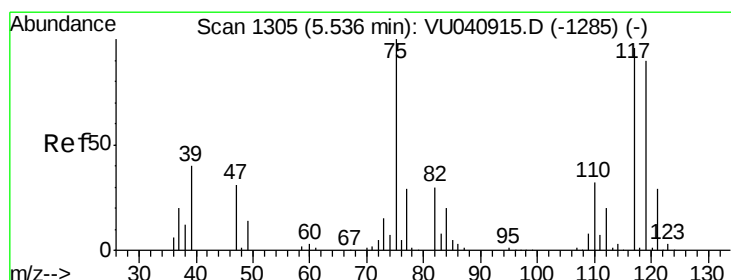
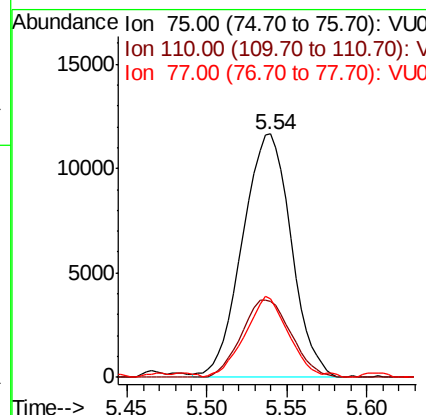
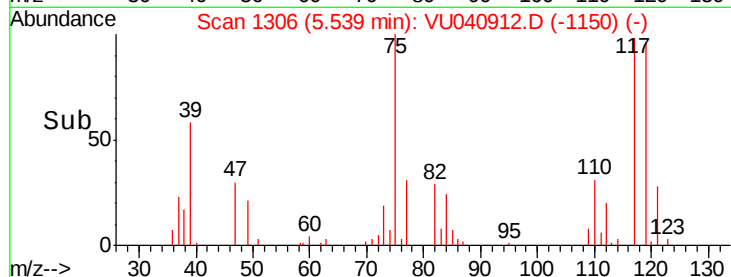
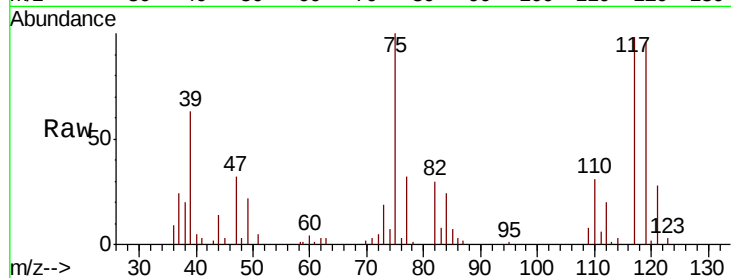
Tot Ion: 75 Resp: 24306

Ion Ratio Lower Upper

75 100

110 32.2 15.9 47.6

77 29.9 24.2 36.2



#30

Carbon Tetrachloride

Concen: 1.130 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

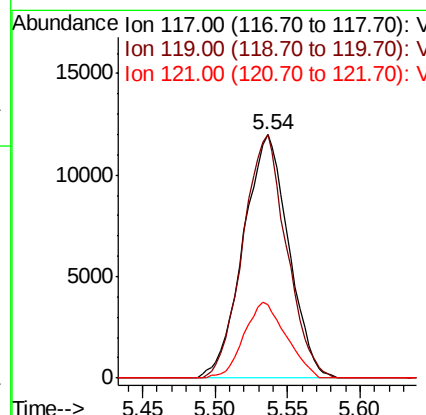
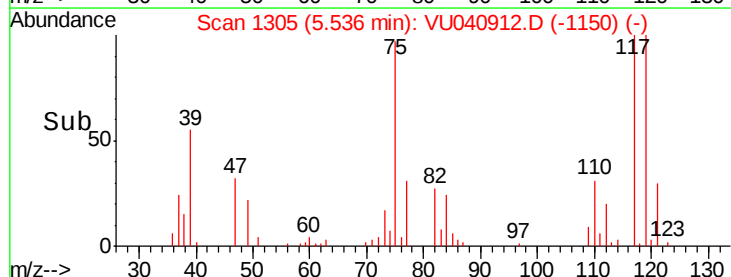
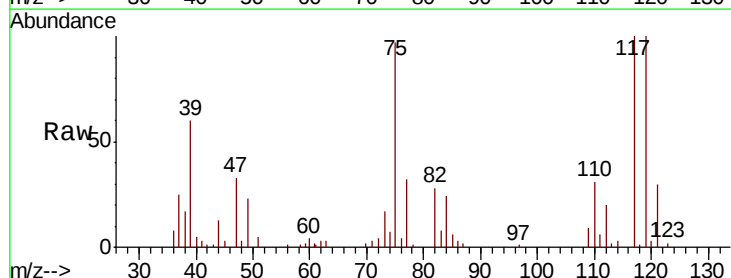
Tgt Ion: 117 Resp: 26044

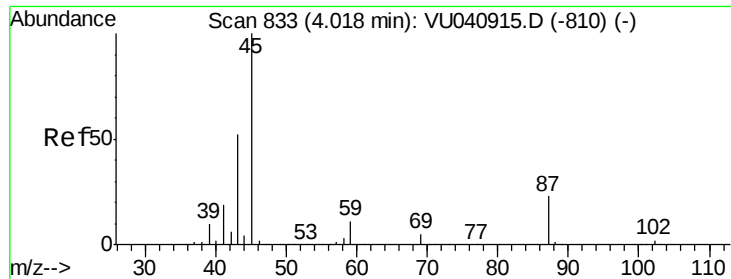
Ion Ratio Lower Upper

117 100

119 100.2 74.9 112.3

121 30.1 24.1 36.1





#31

Isopropyl Ether

Concen: 1.087 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

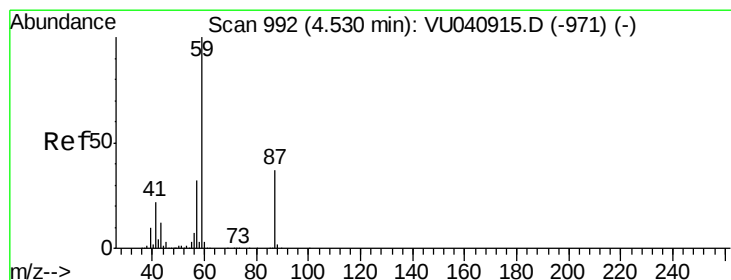
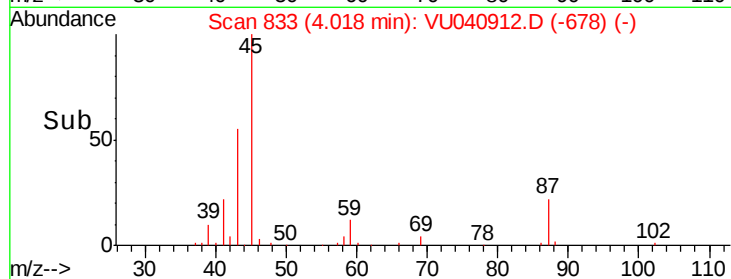
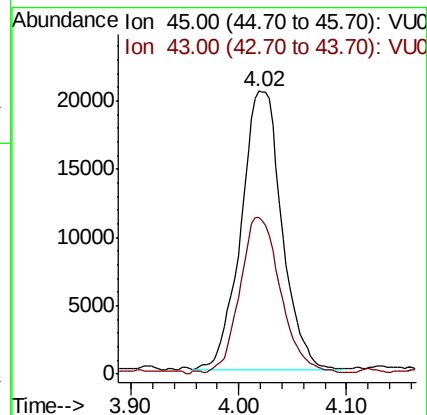
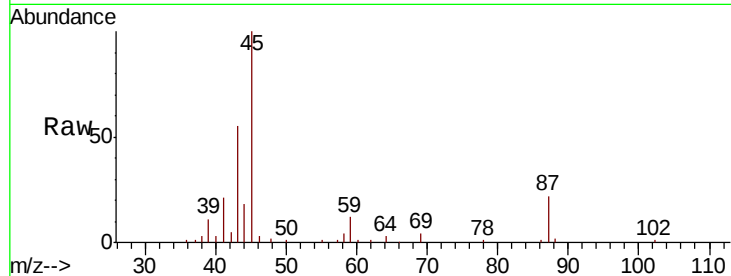
VSTDIC001

Tot Ion: 45 Resp: 53794

Ion Ratio Lower Upper

45 100

43 54.7 26.8 80.3



#32

Ethyl-t-butyl ether

Concen: 1.076 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040912.D

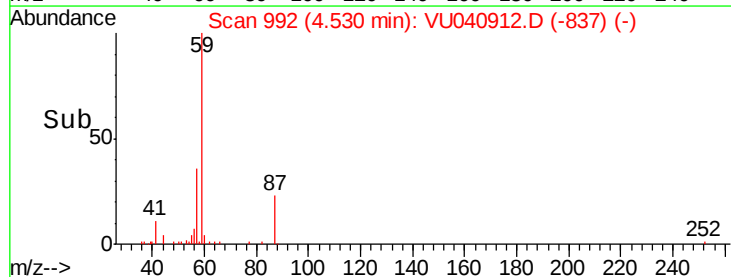
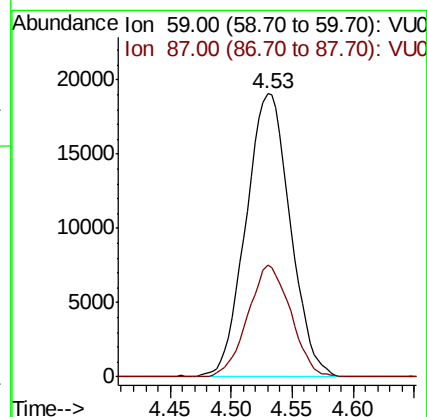
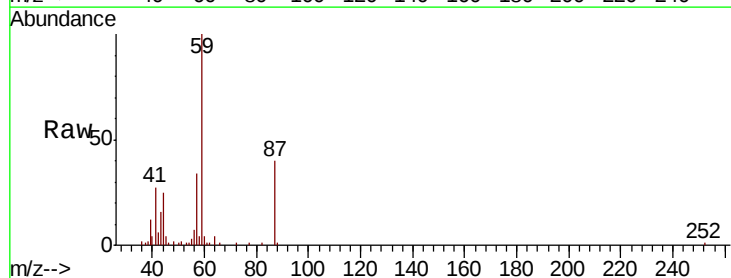
Acq: 22 Oct 2020 19:03

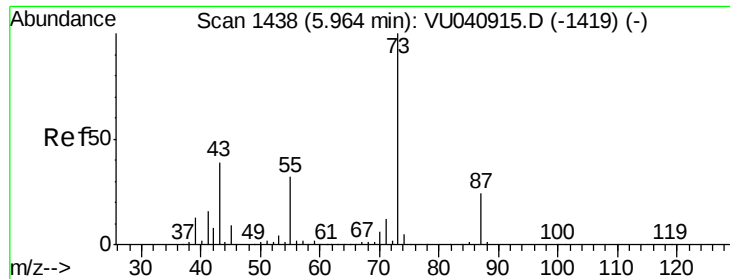
Tgt Ion: 59 Resp: 47934

Ion Ratio Lower Upper

59 100

87 38.1 30.6 46.0

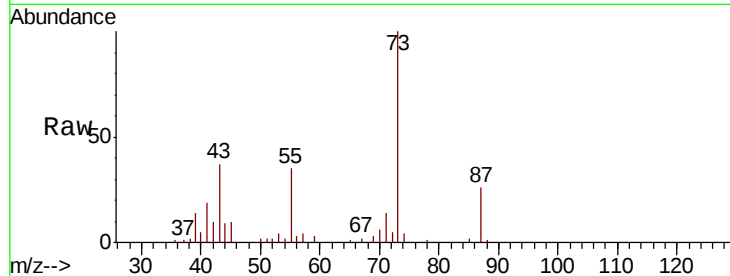




#33
Tert-Butyl methyl ether
Concen: 0.820 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.4	19.0	28.4
71	14.0	9.7	14.5

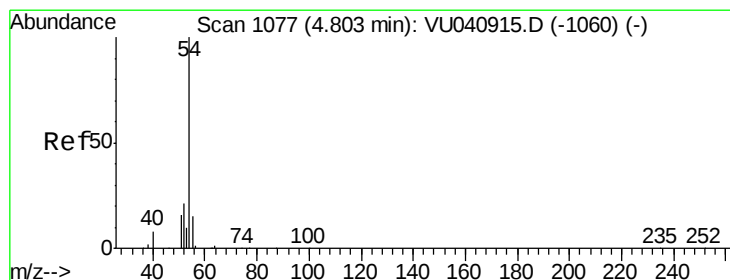
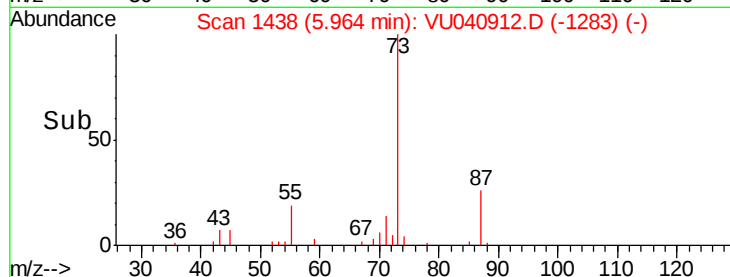
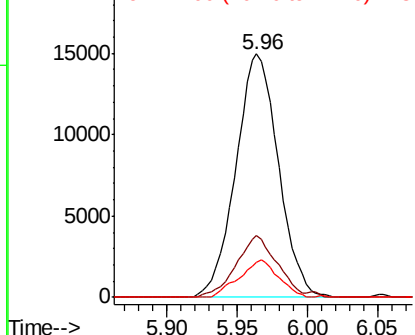


Abundance

Ion 73.00 (72.70 to 73.70): VU040912.D (-1283) (-)

Ion 87.00 (86.70 to 87.70): VU040912.D (-1283) (-)

Ion 71.00 (70.70 to 71.70): VU040912.D (-1283) (-)



#34
Propionitrile
Concen: 6.036 ug/l
RT: 4.82 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
54	100		
52	8.6	15.5	23.3#
55	0.0	12.5	18.7#
40	5.0	6.0	9.0#

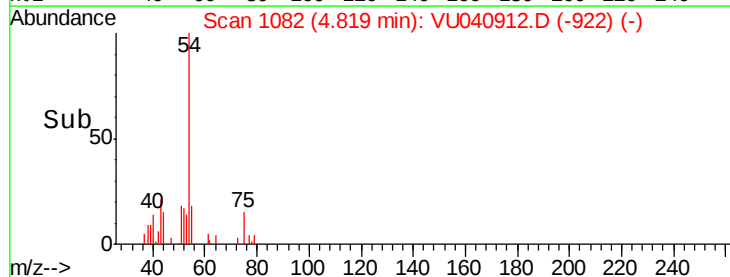
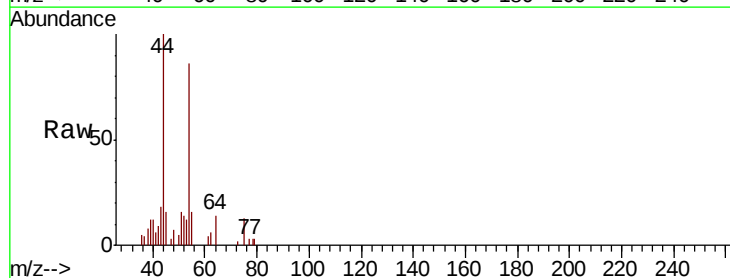
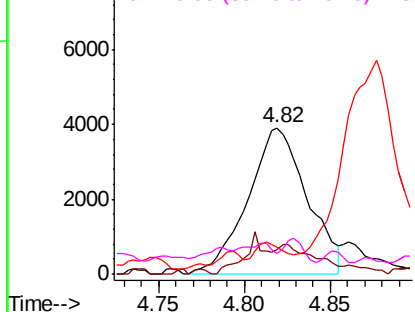
Abundance

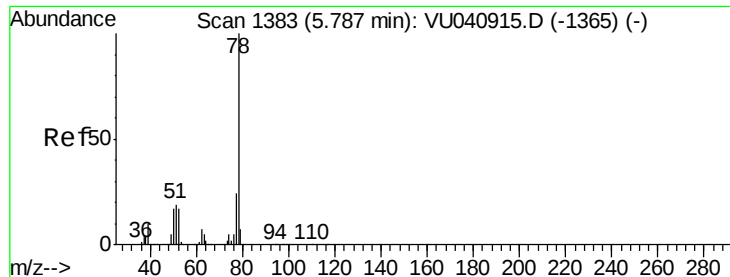
Ion 54.00 (53.70 to 54.70): VU040912.D (-922) (-)

Ion 52.00 (51.70 to 52.70): VU040912.D (-922) (-)

Ion 55.00 (54.70 to 55.70): VU040912.D (-922) (-)

Ion 40.00 (39.70 to 40.70): VU040912.D (-922) (-)





#35

Benzene

Concen: 1.126 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

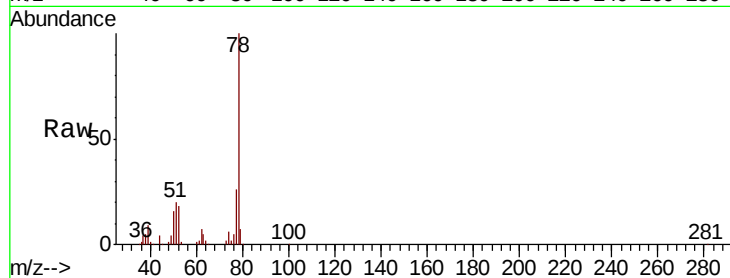
VSTDIC001

Tot Ion: 78 Resp: 68231

Ion Ratio Lower Upper

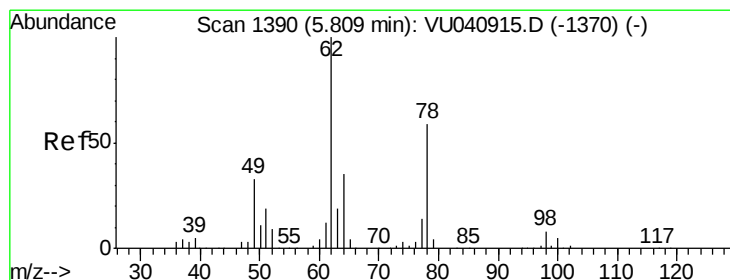
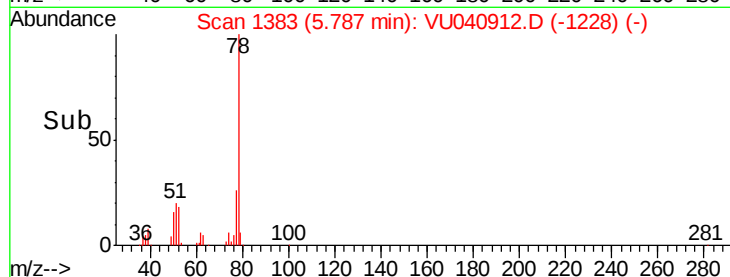
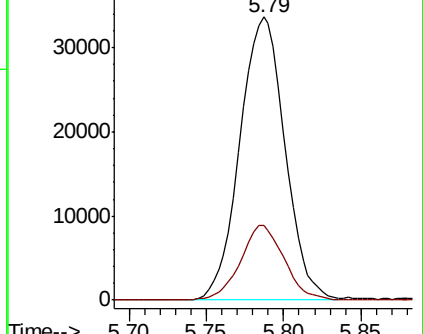
78 100

77 26.3 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU040912.D (-1365) (-)

Ion 77.00 (76.70 to 77.70): VU040912.D (-1365) (-)



#36

1,2-Dichloroethane

Concen: 1.136 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040912.D

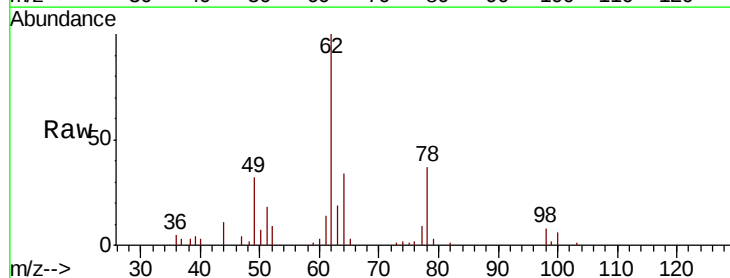
Acq: 22 Oct 2020 19:03

Tgt Ion: 62 Resp: 26412

Ion Ratio Lower Upper

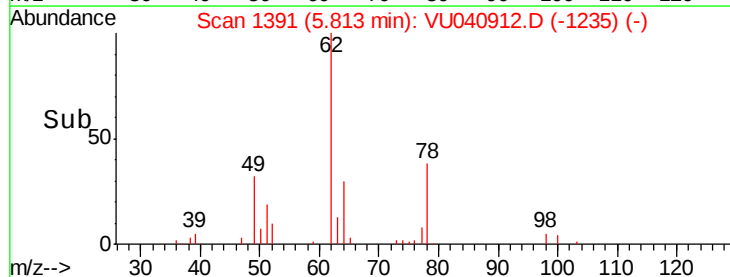
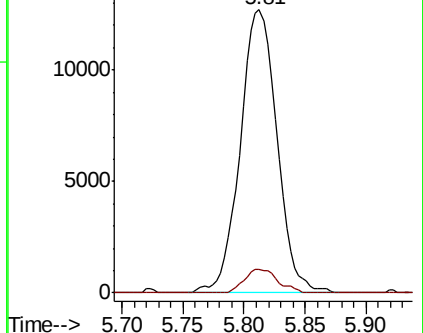
62 100

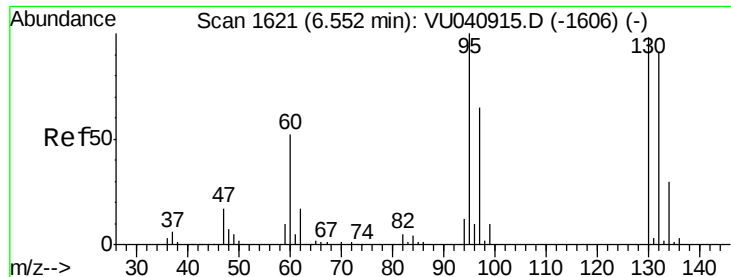
98 7.6 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040912.D (-1235) (-)

Ion 98.00 (97.70 to 98.70): VU040912.D (-1235) (-)





#37

Trichloroethene

Concen: 1.060 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

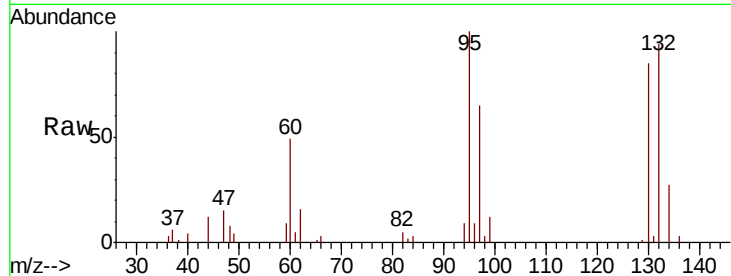
VSTDIC001

Tot Ion:130 Resp: 16090

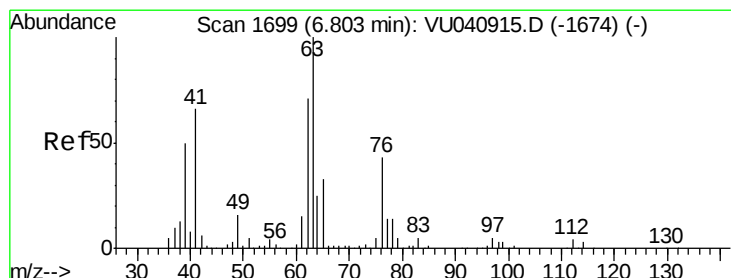
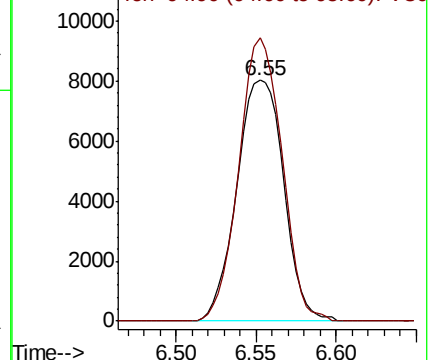
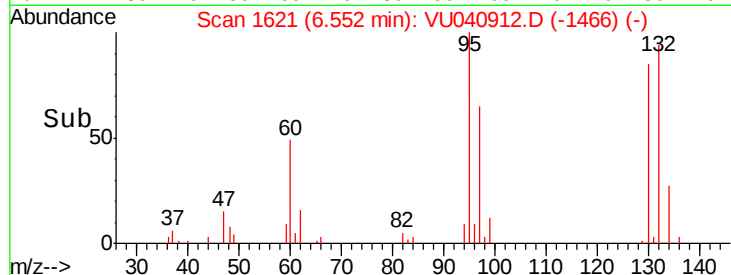
Ion Ratio Lower Upper

130 100

95 117.6 81.9 122.9



Abundance Ion 129.90 (129.60 to 130.60): VU040912.D (-1466) (-)



#38

1,2-Dichloropropane

Concen: 1.074 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU040912.D

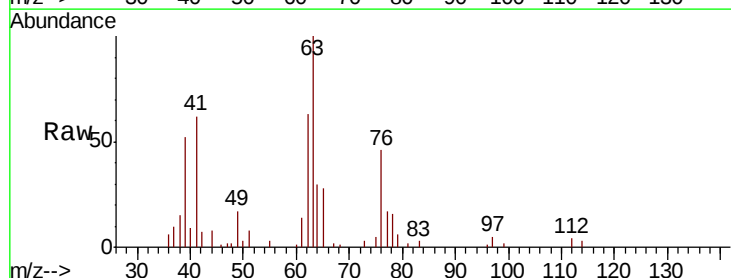
Acq: 22 Oct 2020 19:03

Tgt Ion: 63 Resp: 18804

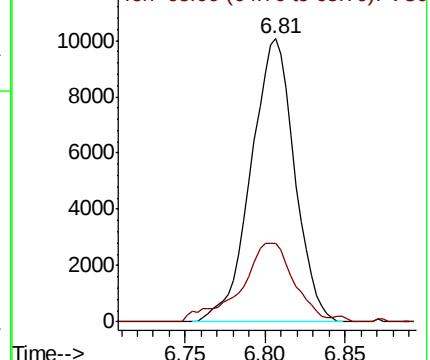
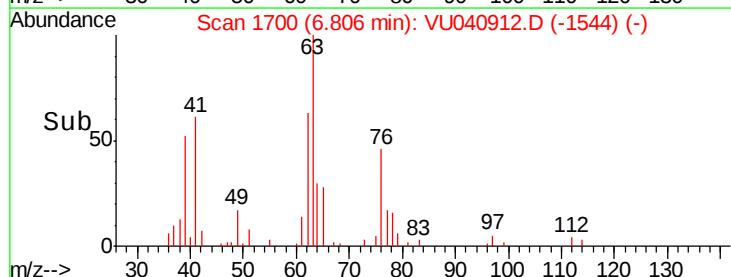
Ion Ratio Lower Upper

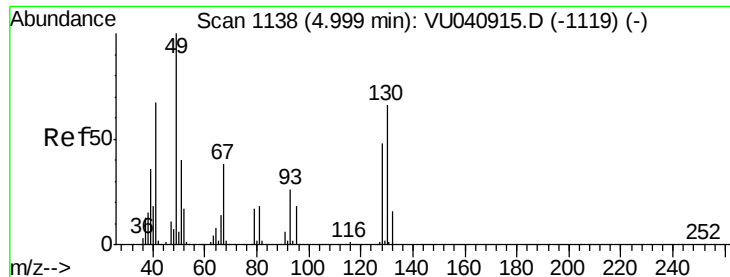
63 100

65 25.9 26.2 39.2#



Abundance Ion 63.00 (62.70 to 63.70): VU040912.D (-1544) (-)

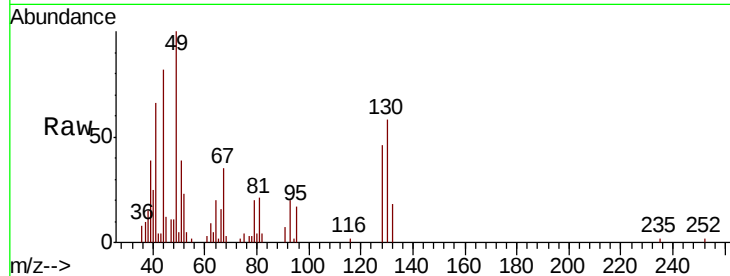




#39
Methacrylonitrile
Concen: 1.183 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:	41	Resp:	9685
Ion	Ratio	Lower	Upper
41	100		
67	54.2	48.7	73.1
39	50.6	44.6	67.0
52	31.9	23.3	34.9



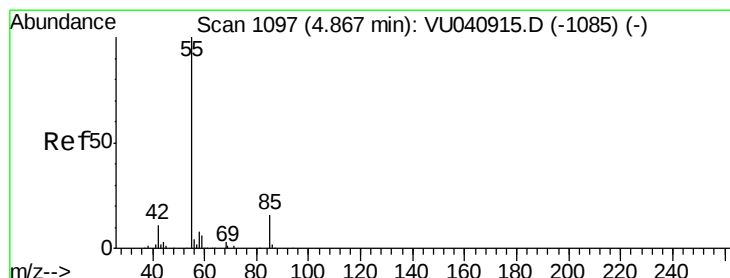
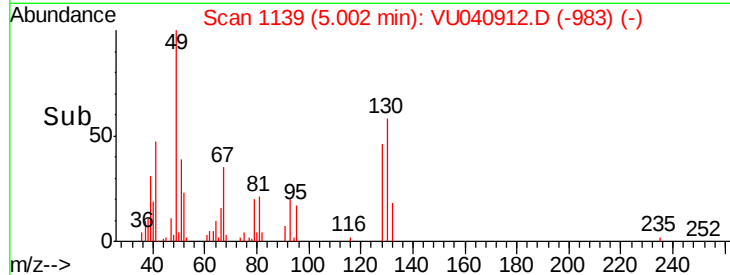
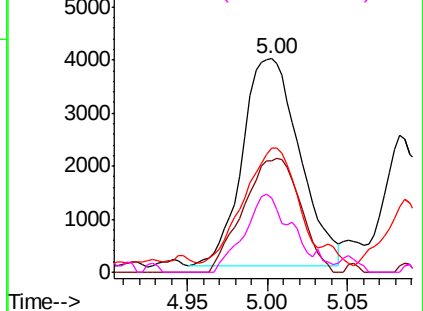
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

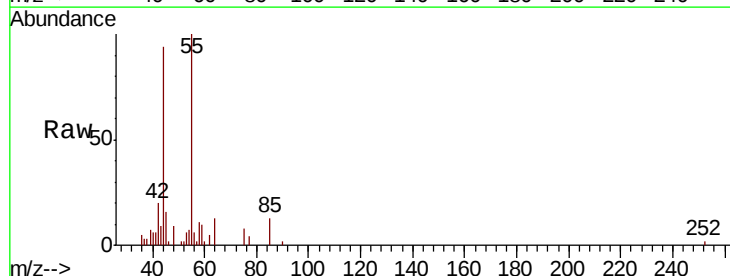
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 1.209 ug/l
RT: 4.88 min Scan# 1100
Delta R.T. 0.01 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion:	55	Resp:	12796
Ion	Ratio	Lower	Upper
55	100		
85	13.7	12.2	18.2
58	10.2	6.8	10.2
42	14.4	9.4	14.2#



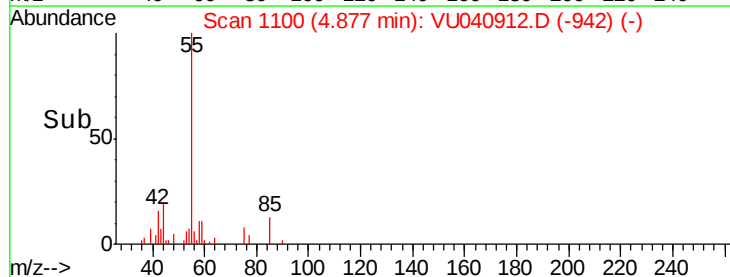
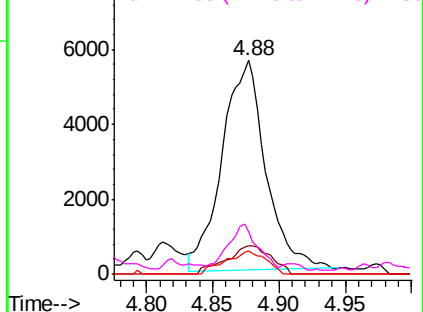
Abundance

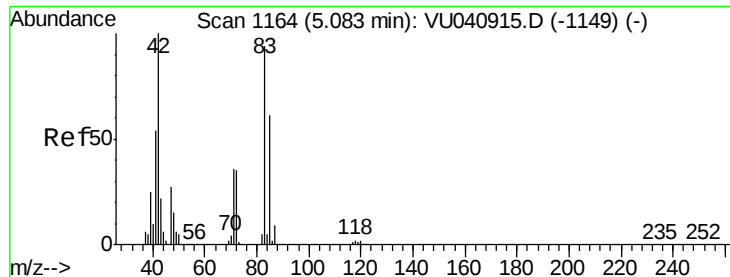
Ion 55.00 (54.70 to 55.70): VU0

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: 2.394 ug/l

RT: 5.10 min Scan# 1168

Delta R.T. 0.01 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

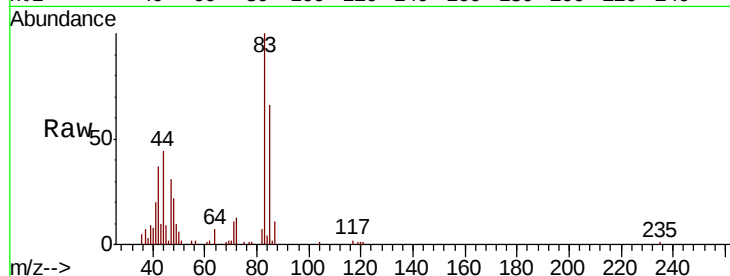
Tot Ion: 42 Resp: 9507

Ion Ratio Lower Upper

42 100

72 38.6 30.1 45.1

71 36.6 27.9 41.9

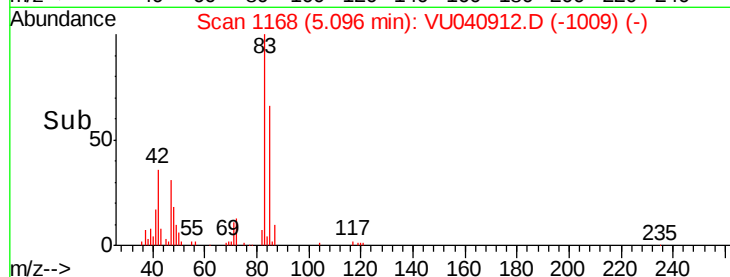


Abundance Ion 42.00 (41.70 to 42.70): VU040912.D (-1149) (-)

Ion 72.00 (71.70 to 72.70): VU040912.D (-1149) (-)

Ion 71.00 (70.70 to 71.70): VU040912.D (-1149) (-)

Time-->

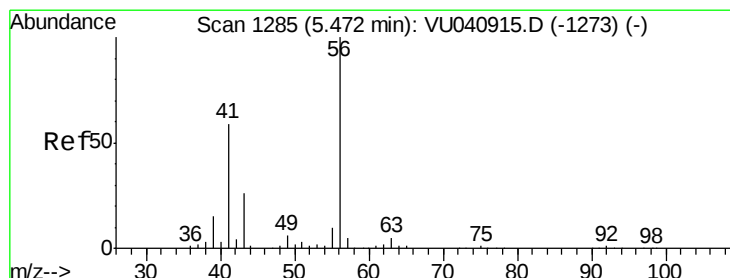


Abundance Ion 42.00 (41.70 to 42.70): VU040912.D (-1009) (-)

Ion 72.00 (71.70 to 72.70): VU040912.D (-1009) (-)

Ion 71.00 (70.70 to 71.70): VU040912.D (-1009) (-)

Time-->



#42

1-Chlorobutane

Concen: 1.171 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU040912.D

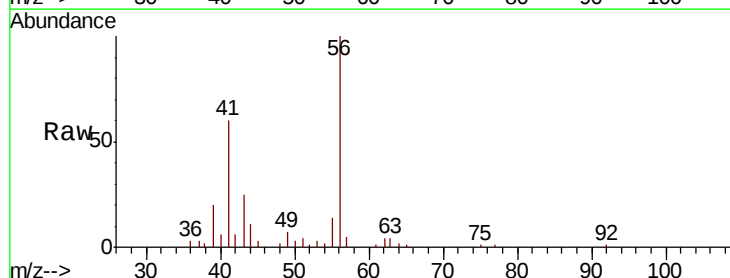
Acq: 22 Oct 2020 19:03

Tgt Ion: 56 Resp: 38003

Ion Ratio Lower Upper

56 100

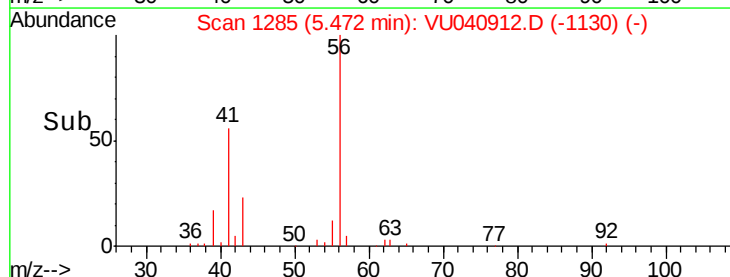
41 62.7 29.6 88.8



Abundance Ion 56.00 (55.70 to 56.70): VU040912.D (-1273) (-)

Ion 41.00 (40.70 to 41.70): VU040912.D (-1273) (-)

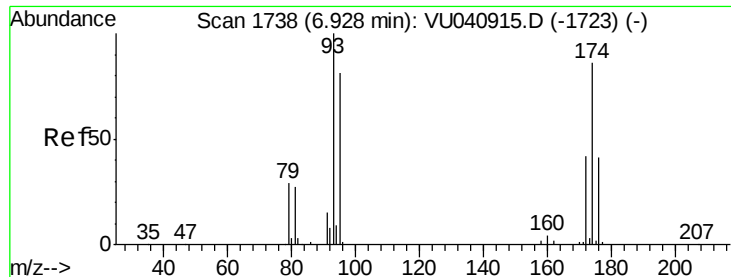
Time-->



Abundance Ion 56.00 (55.70 to 56.70): VU040912.D (-1130) (-)

Ion 41.00 (40.70 to 41.70): VU040912.D (-1130) (-)

Time-->



#43

Dibromomethane

Concen: 1.100 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

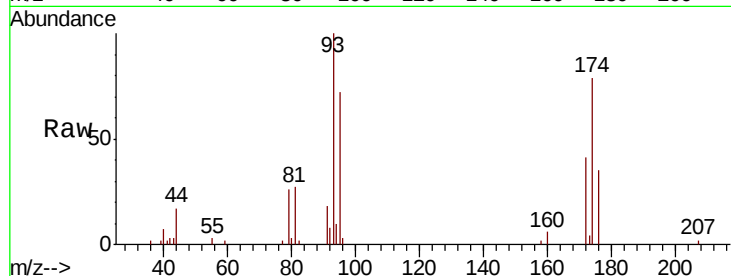
Tot Ion: 93 Resp: 11038

Ion Ratio Lower Upper

93 100

95 78.8 66.3 99.5

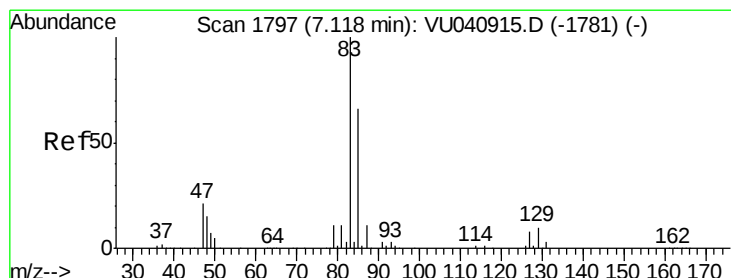
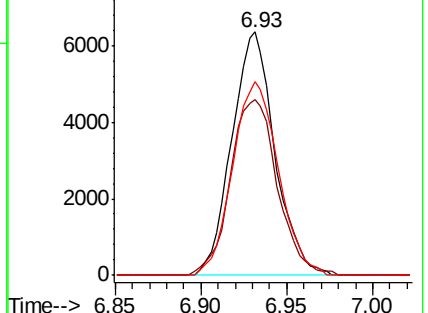
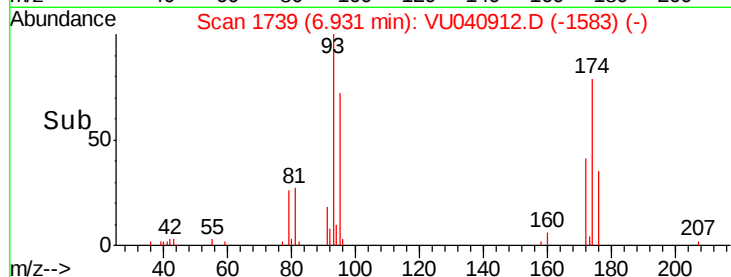
174 84.6 70.4 105.6



Abundance Ion 93.00 (92.70 to 93.70): VU040912.D (-1583) (-)

Ion 95.00 (94.70 to 95.70): VU040912.D (-1583) (-)

Ion 174.00 (173.70 to 174.70): VU040912.D (-1583) (-)



#44

Bromodichloromethane

Concen: 1.043 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

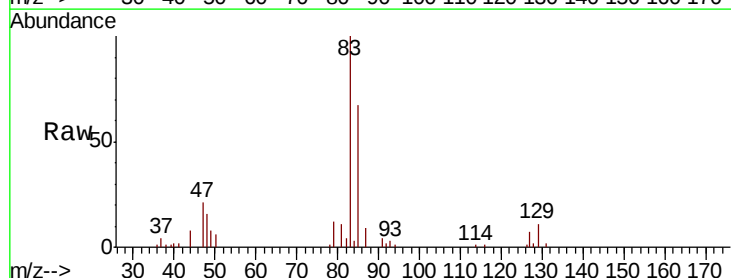
Tgt Ion: 83 Resp: 25077

Ion Ratio Lower Upper

83 100

85 66.8 52.6 78.8

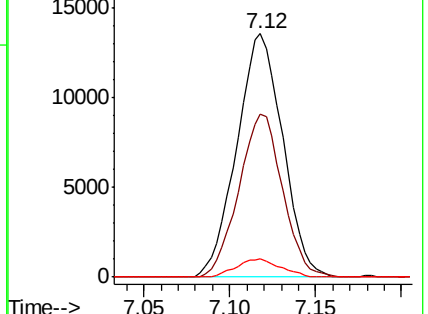
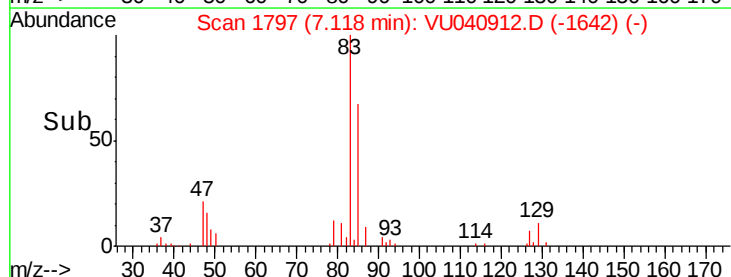
127 7.4 6.4 9.6

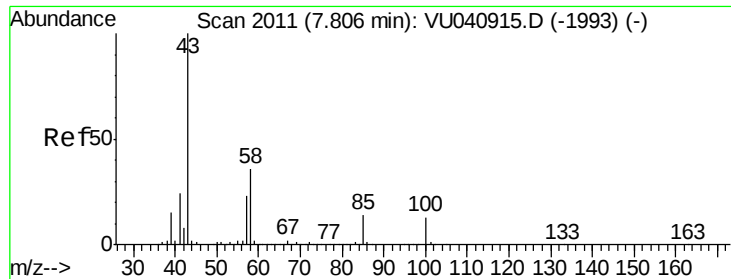


Abundance Ion 83.00 (82.70 to 83.70): VU040912.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU040912.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU040912.D (-1642) (-)

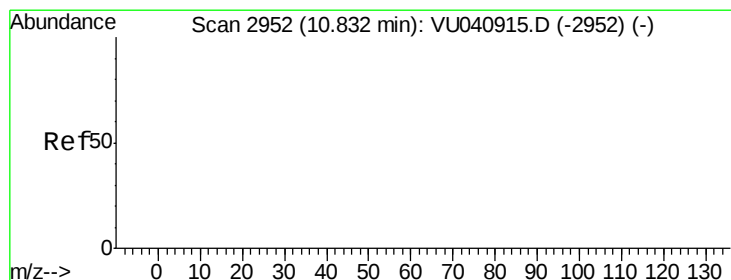
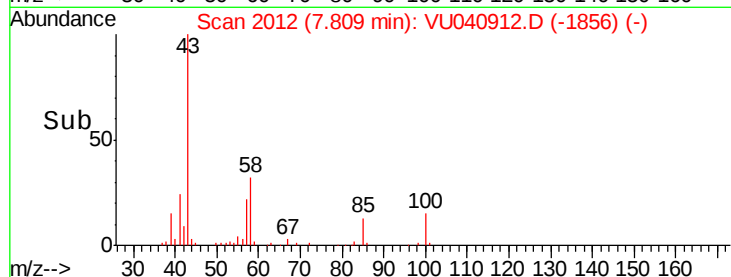
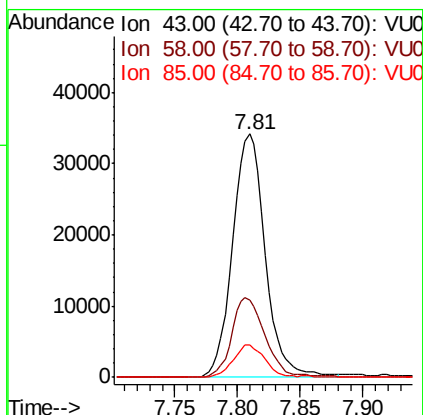
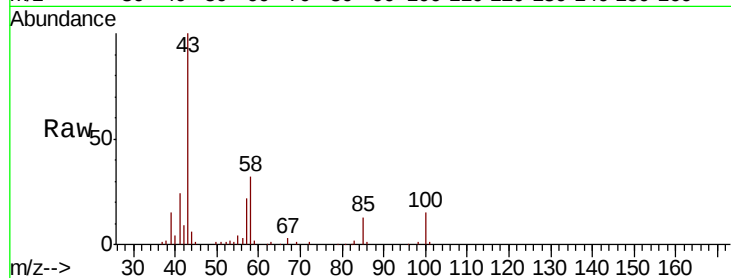




#45
4-Methyl-2-Pentanone
Concen: 4.497 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

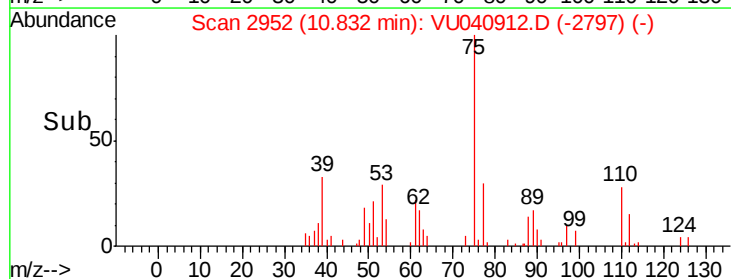
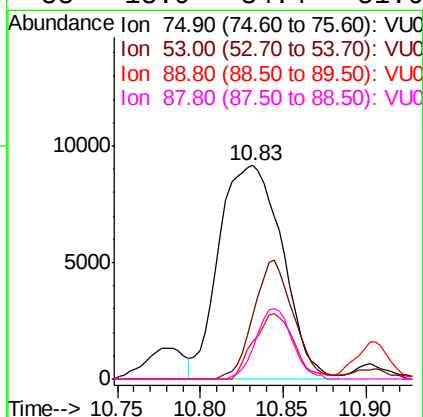
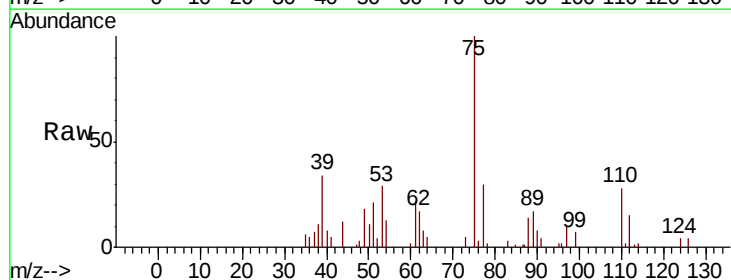
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

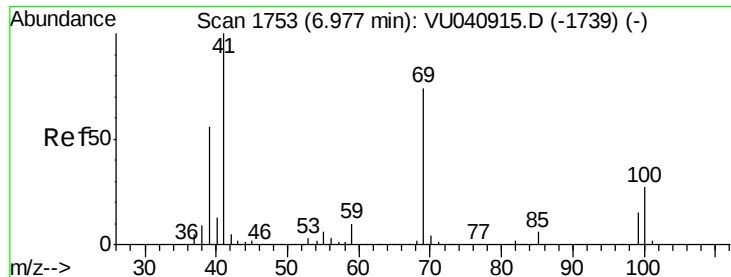
Tot Ion	43	Resp	61989
Ion Ratio	Lower	Upper	
43	100		
58	33.4	17.8	53.5
85	12.8	11.4	17.2



#46
t-1,4-Dichloro-2-butene
Concen: 4.656 ug/l
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	75	Resp	24272
Ion Ratio	Lower	Upper	
75	100		
53	34.9	73.0	109.4#
89	19.5	41.7	62.5#
88	18.9	34.4	51.6#

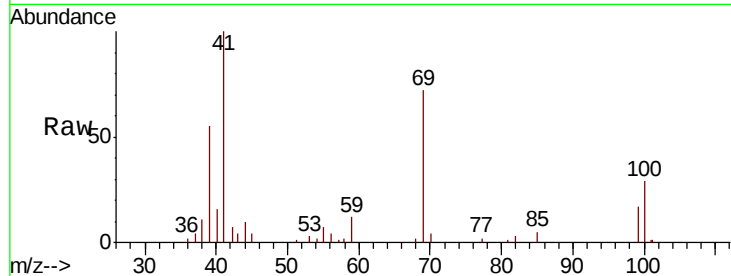




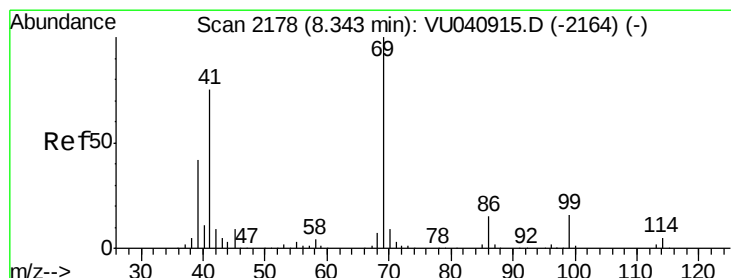
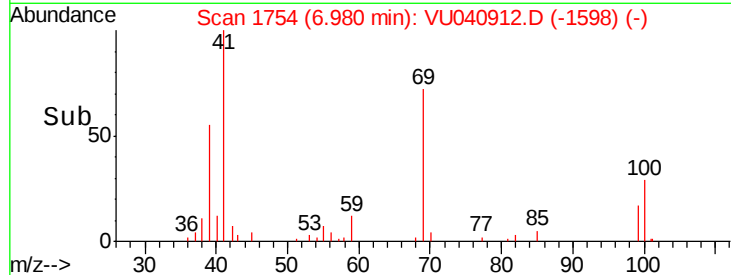
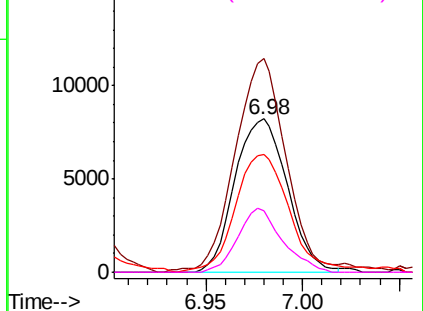
#47
Methyl methacrylate
Concen: 1.778 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 69 Resp: 15451
Ion Ratio Lower Upper
69 100
41 138.3 0.0 270.2
39 79.0 61.6 92.4
100 35.5 29.0 43.6

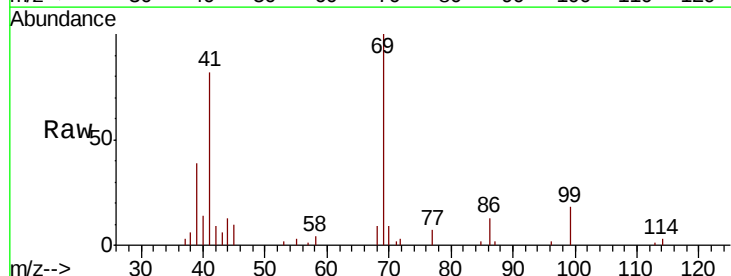


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

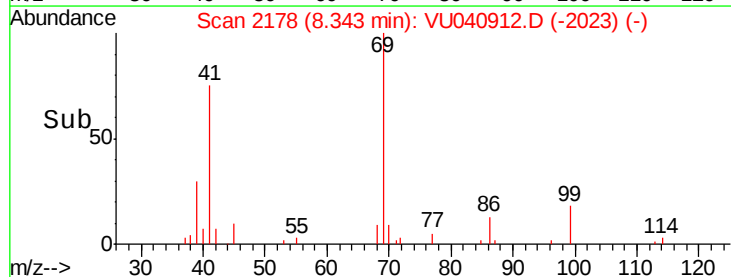
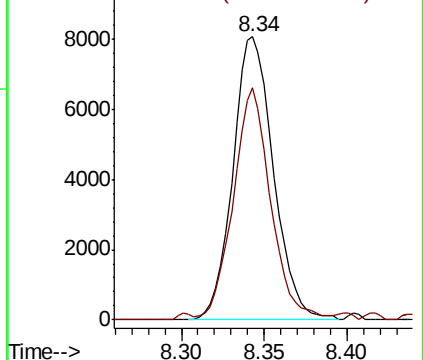


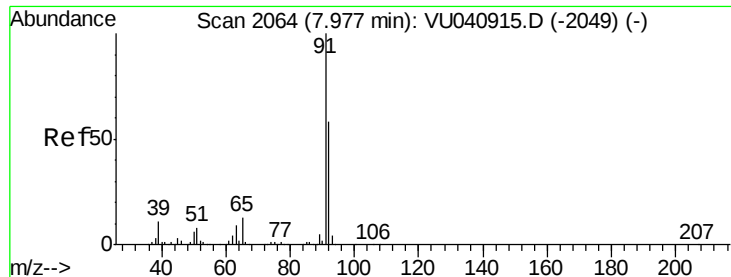
#48
Ethyl methacrylate
Concen: 0.882 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 69 Resp: 13696
Ion Ratio Lower Upper
69 100
41 72.0 37.6 112.9



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 0.914 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

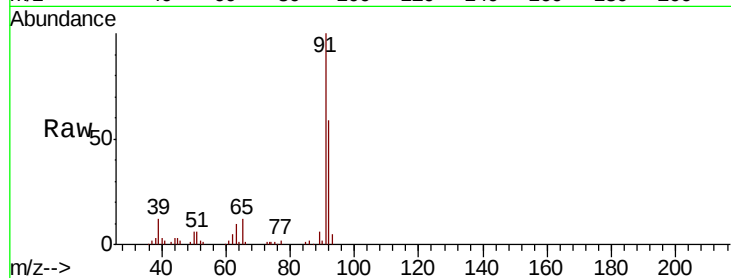
VSTDIC001

Tot Ion: 92 Resp: 33420

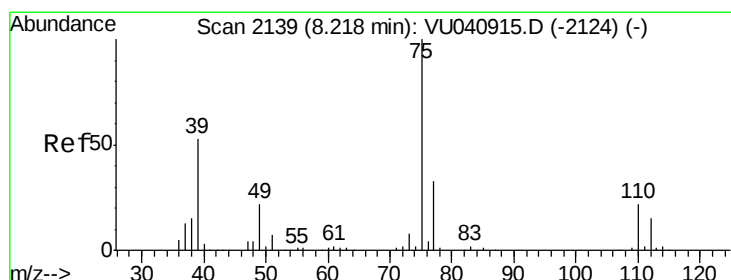
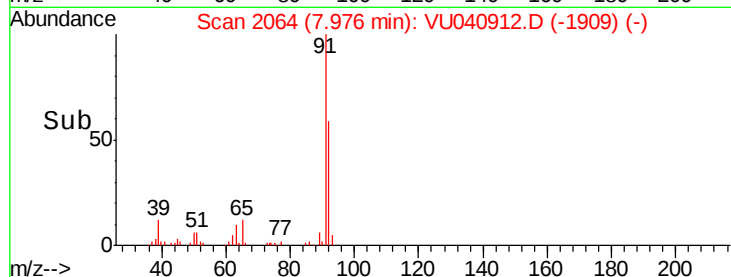
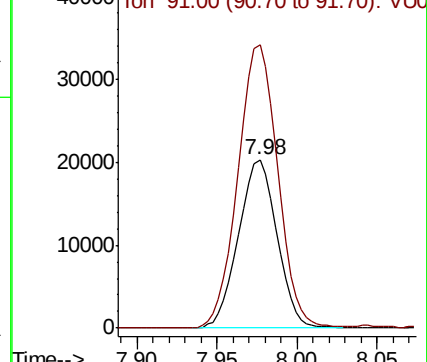
Ion Ratio Lower Upper

92 100

91 173.7 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VU040912.D (-1909) (-)



#50

t-1,3-Dichloropropene

Concen: 0.930 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VU040912.D

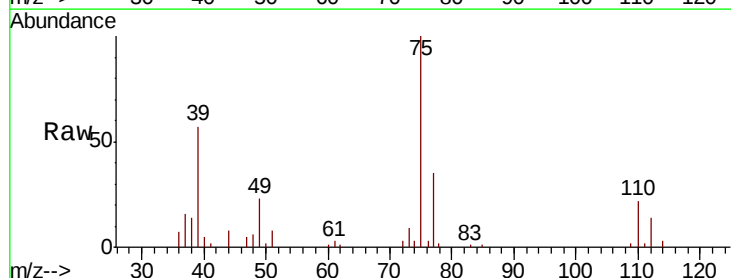
Acq: 22 Oct 2020 19:03

Tgt Ion: 75 Resp: 20019

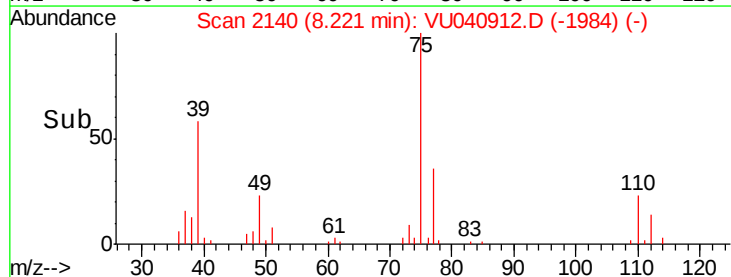
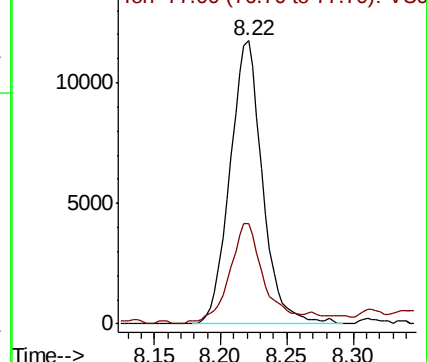
Ion Ratio Lower Upper

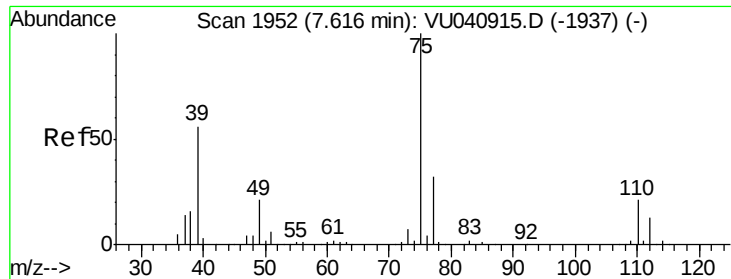
75 100

77 34.1 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU040912.D (-1984) (-)



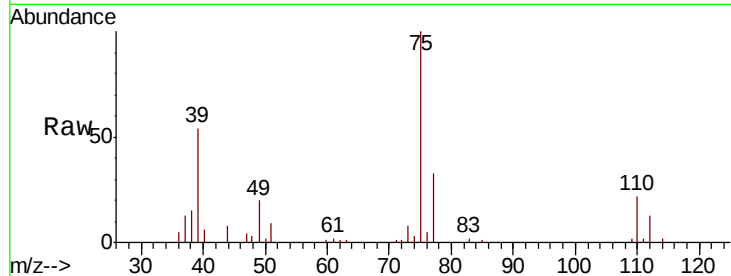


#51

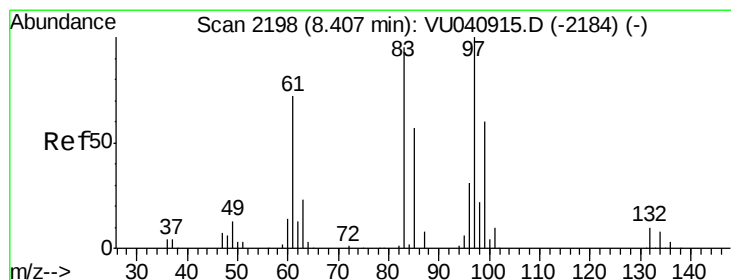
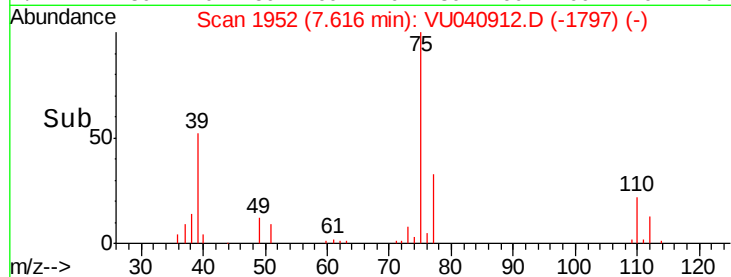
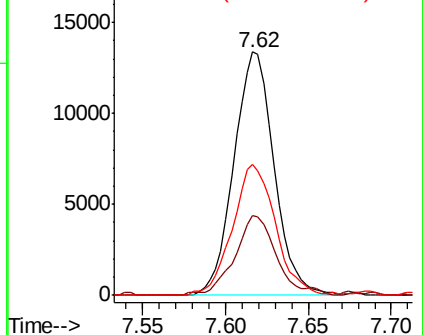
cis-1,3-Dichloropropene
Concen: 0.944 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 22569
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 53.8 44.7 67.1



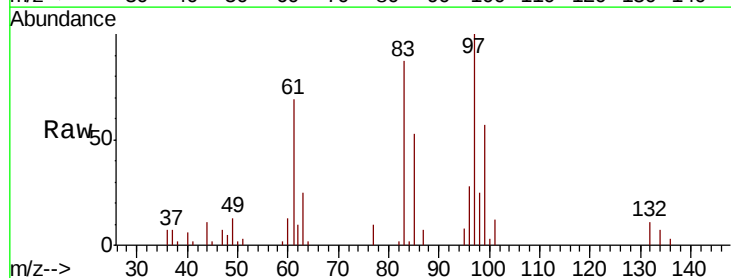
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



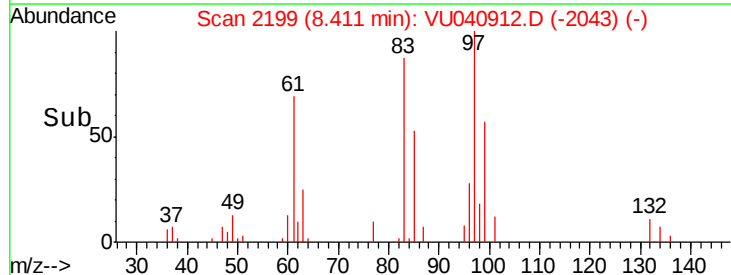
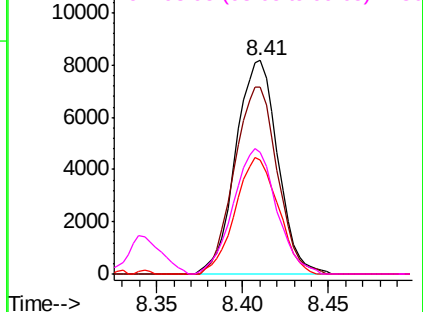
#52

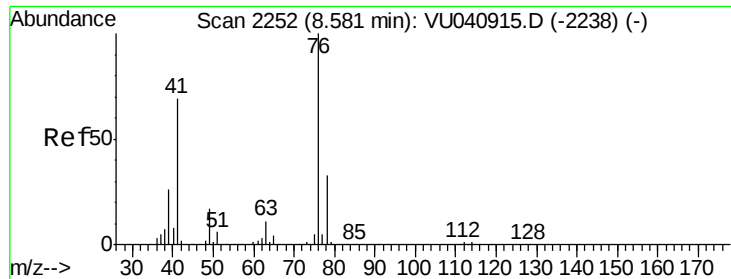
1,1,2-Trichloroethane
Concen: 1.081 ug/l
RT: 8.41 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 97 Resp: 13923
Ion Ratio Lower Upper
97 100
83 87.3 75.9 113.9
85 53.4 46.1 69.1
99 57.0 50.0 75.0



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





#53

1,3-Dichloropropane

Concen: 1.086 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

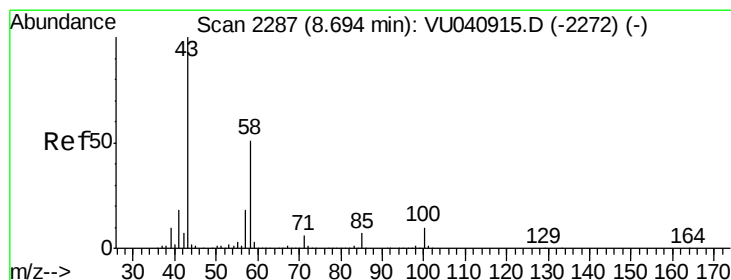
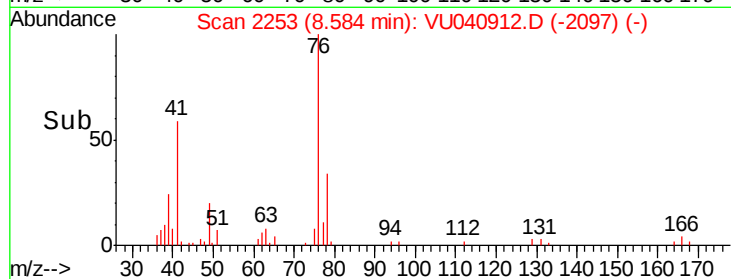
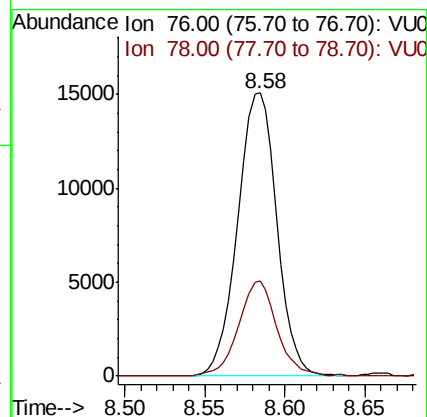
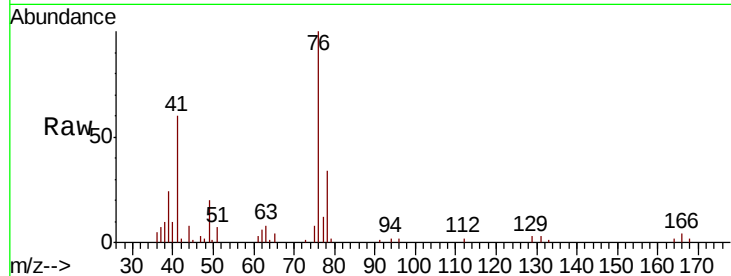
VSTDIC001

Tot Ion: 76 Resp: 25127

Ion Ratio Lower Upper

76 100

78 32.8 26.6 39.8



#54

2-Hexanone

Concen: 4.269 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

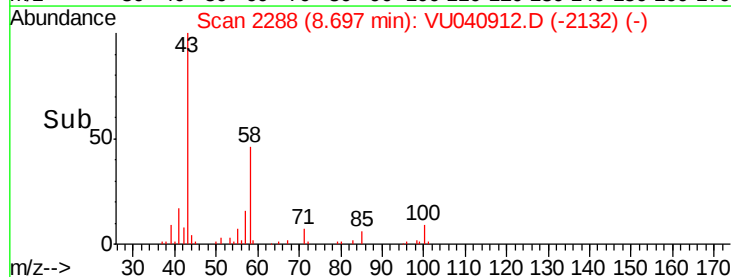
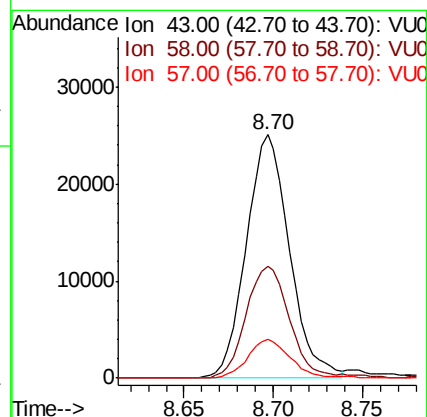
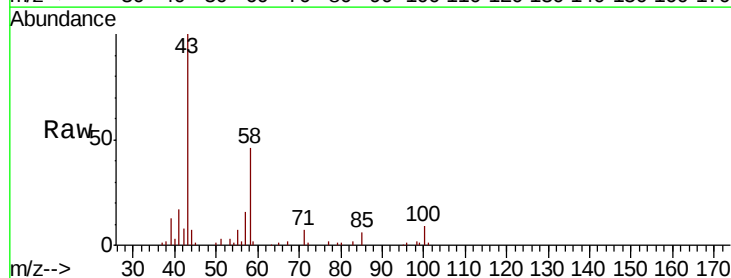
Tgt Ion: 43 Resp: 42347

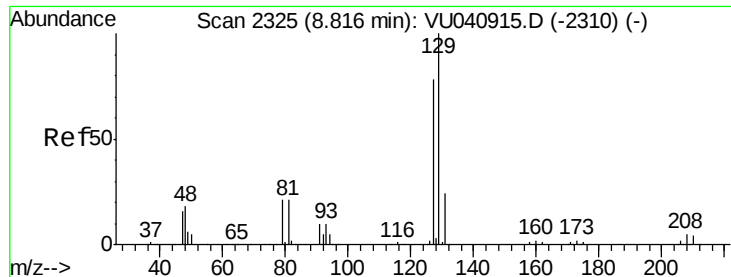
Ion Ratio Lower Upper

43 100

58 46.7 30.2 70.2

57 15.5 0.0 37.4

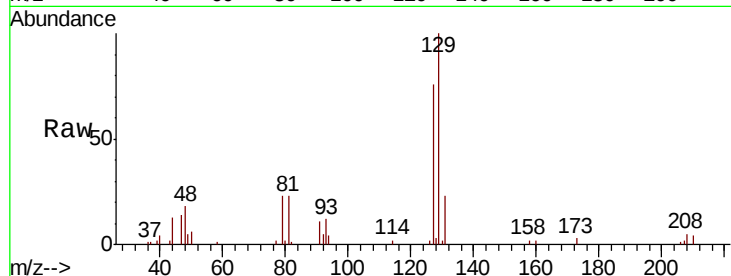




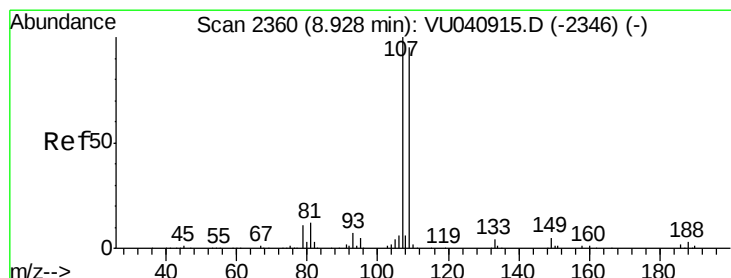
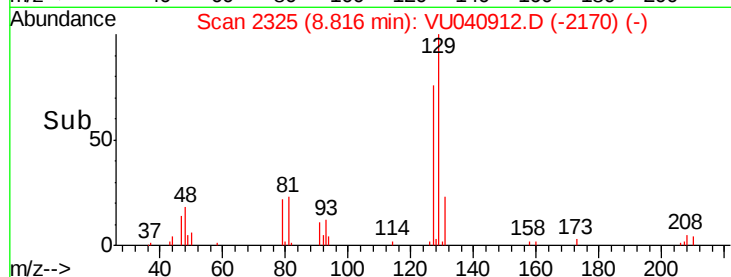
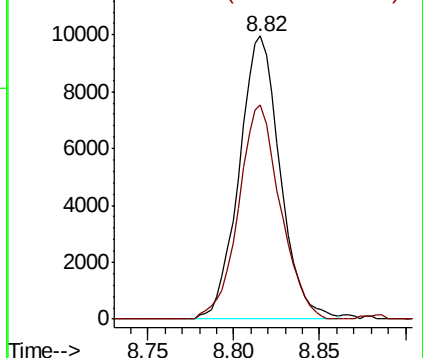
#55
Dibromochloromethane
Concen: 1.099 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:129 Resp: 16465
Ion Ratio Lower Upper
129 100
127 77.0 63.1 94.7

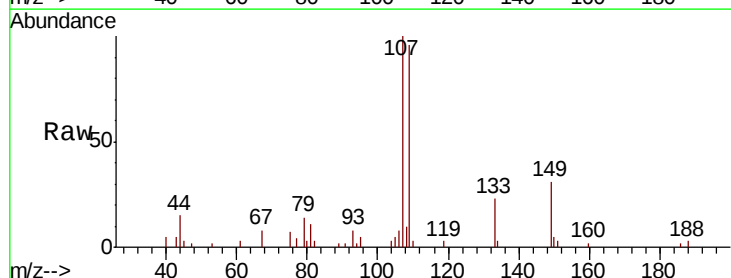


Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

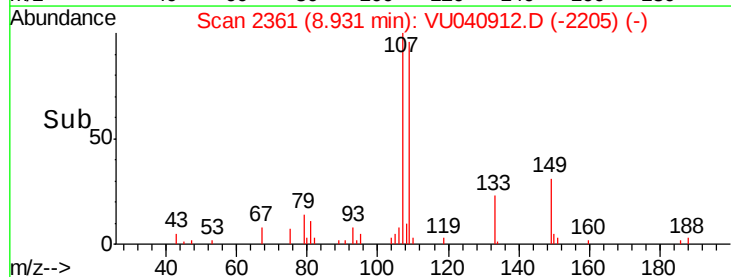
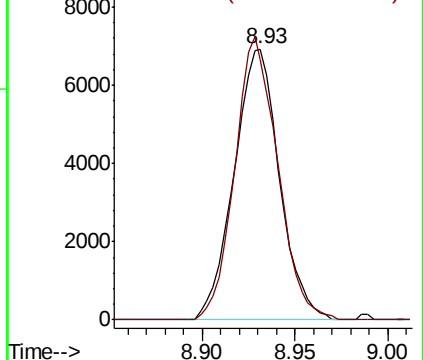


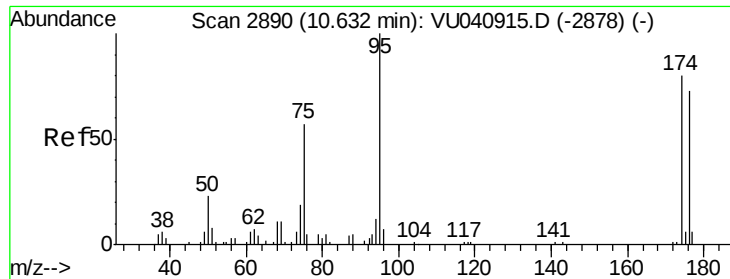
#56
1,2-Dibromoethane
Concen: 0.980 ug/l
RT: 8.93 min Scan# 2361
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion:107 Resp: 11794
Ion Ratio Lower Upper
107 100
109 98.7 0.0 190.4



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

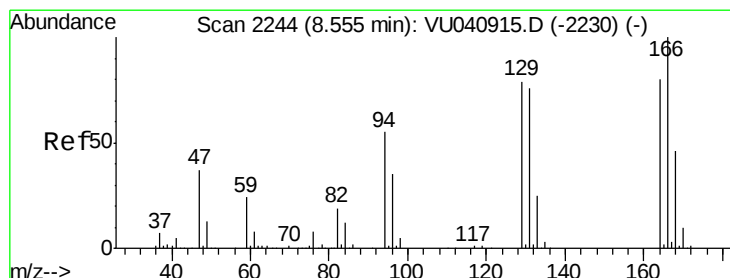
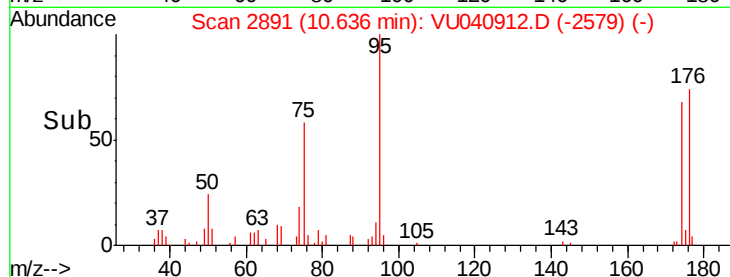
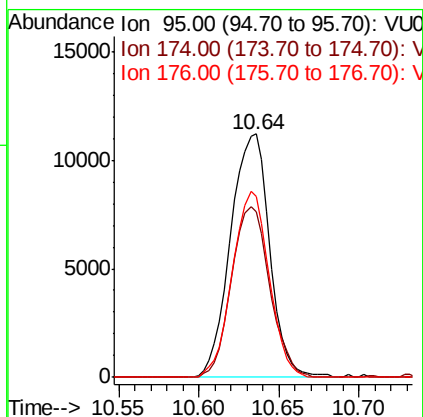
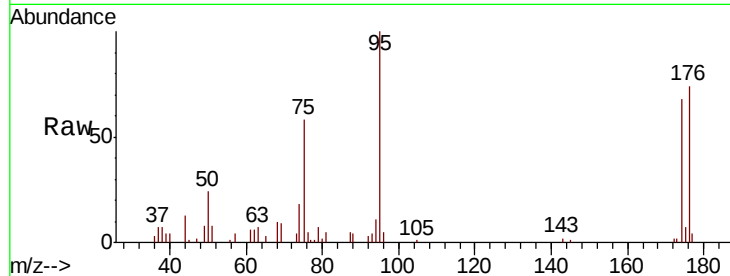




#57
4-Bromofluorobenzene
Concen: 0.842 ug/l
RT: 10.64 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

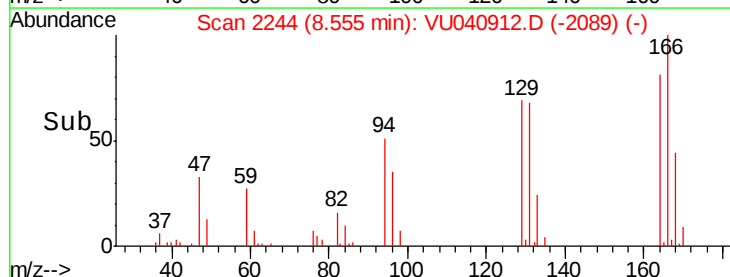
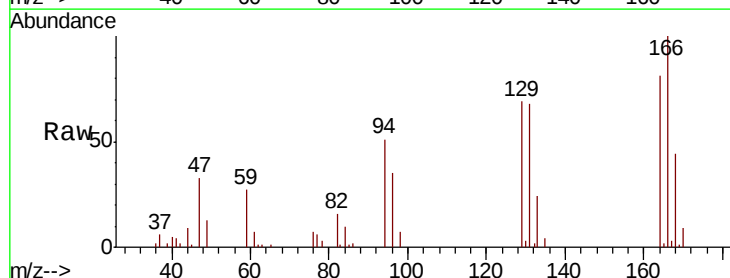
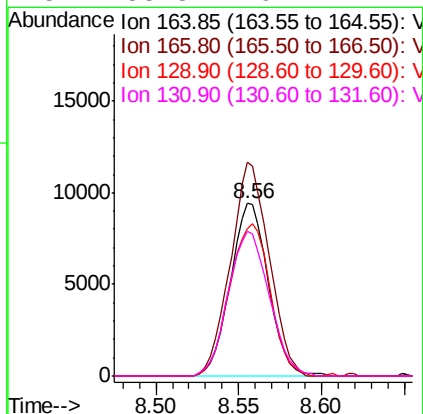
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

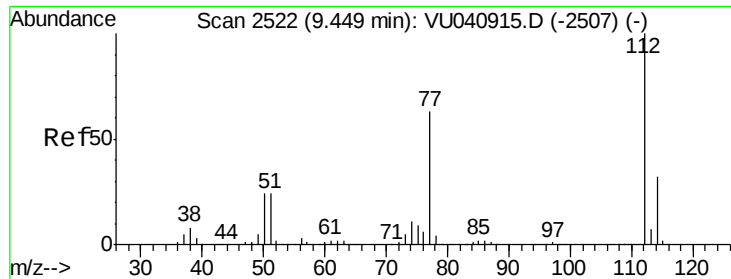
Tot Ion: 95 Resp: 18598
Ion Ratio Lower Upper
95 100
174 68.8 60.3 90.5
176 71.7 55.6 83.4



#58
Tetrachloroethene
Concen: 1.025 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 164 Resp: 14984
Ion Ratio Lower Upper
164 100
166 123.9 100.3 150.5
129 85.4 79.4 119.0
131 83.8 76.2 114.4





#59

Chlorobenzene

Concen: 0.960 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

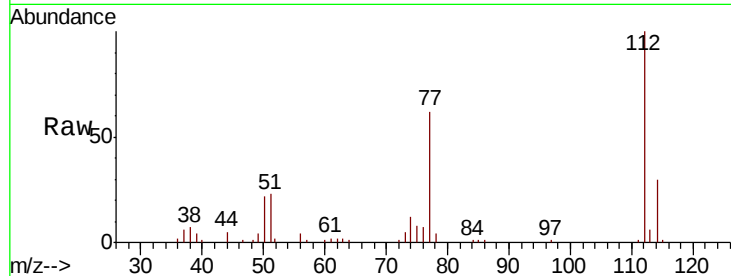
VSTDIC001

Tot Ion:112 Resp: 38217

Ion Ratio Lower Upper

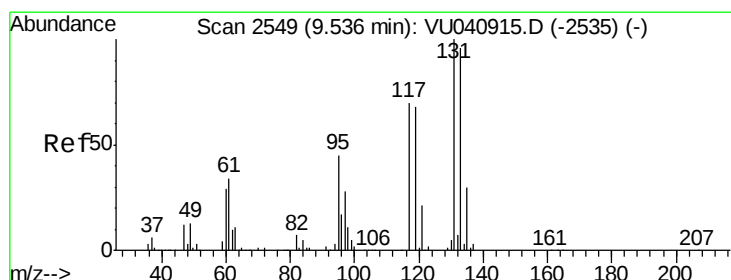
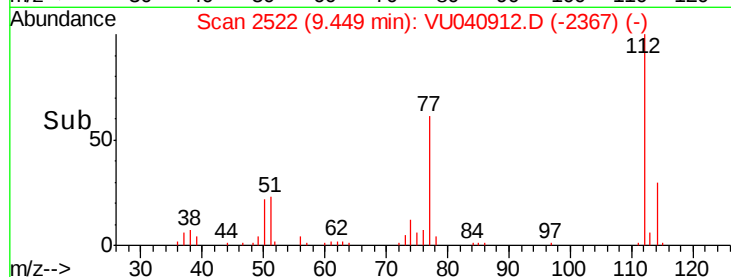
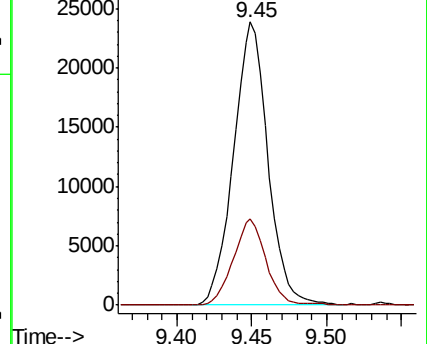
112 100

114 30.4 25.8 38.8



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: 1.025 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

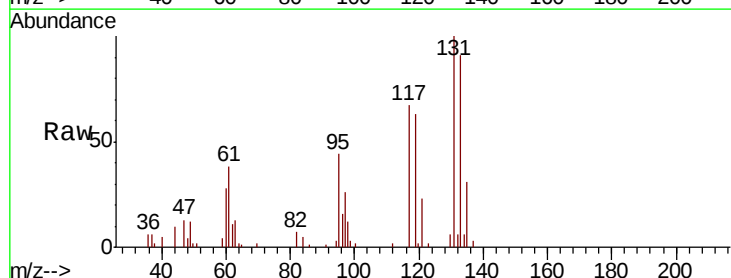
Tgt Ion:131 Resp: 14999

Ion Ratio Lower Upper

131 100

133 97.3 77.4 116.0

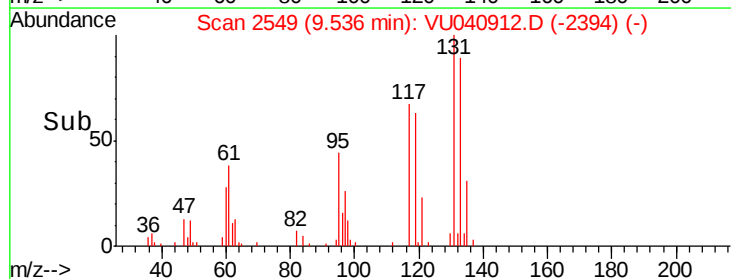
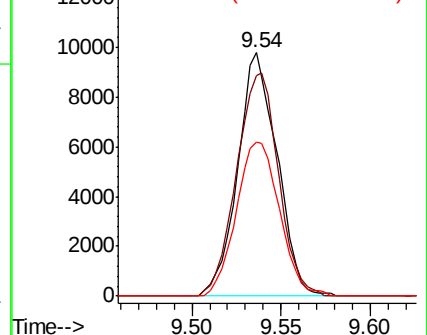
119 69.5 53.5 80.3

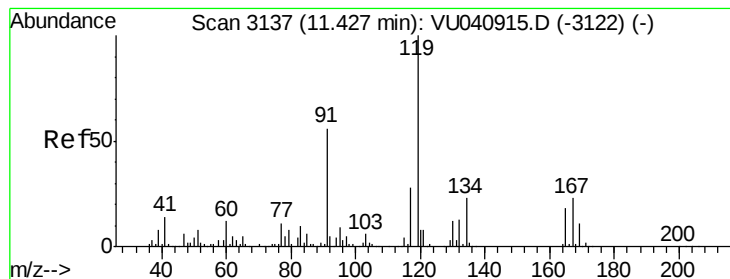


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.241 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

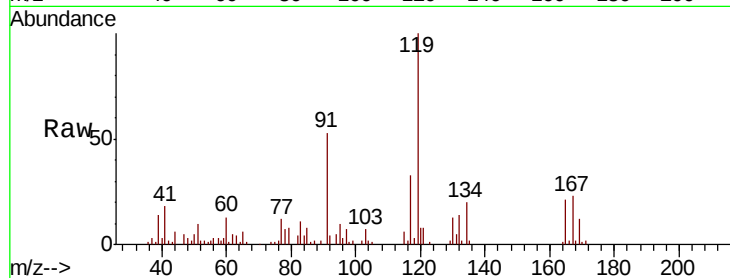
VSTDIC001

Tot Ion:117 Resp: 12827

Ion Ratio Lower Upper

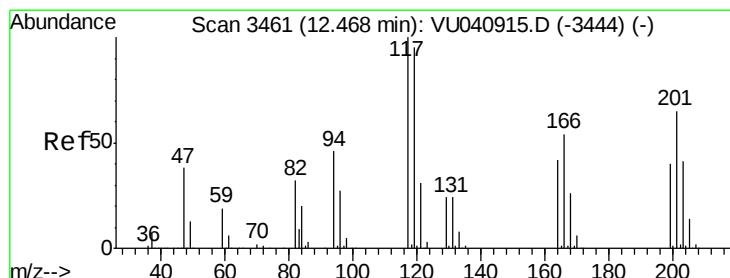
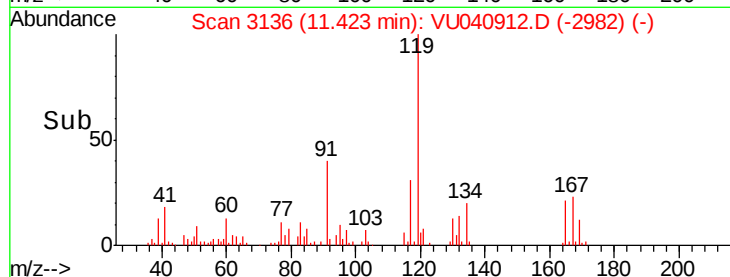
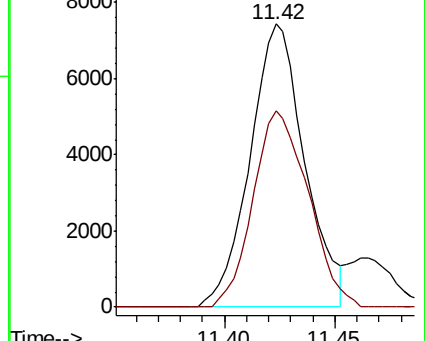
117 100

167 69.9 59.4 89.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 0.972 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040912.D

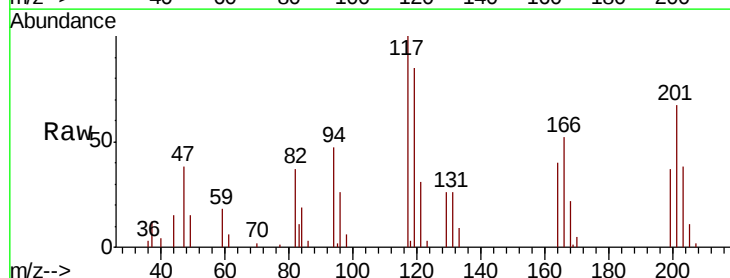
Acq: 22 Oct 2020 19:03

Tgt Ion:117 Resp: 12310

Ion Ratio Lower Upper

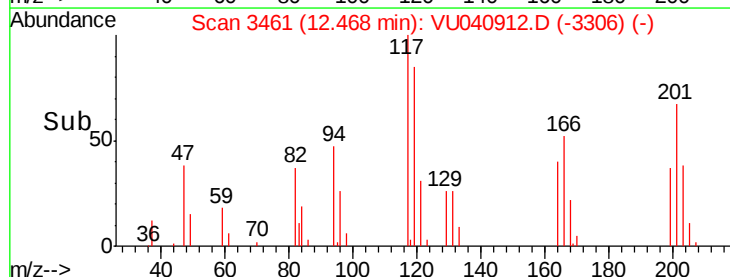
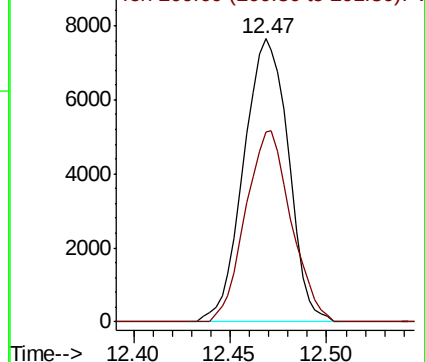
117 100

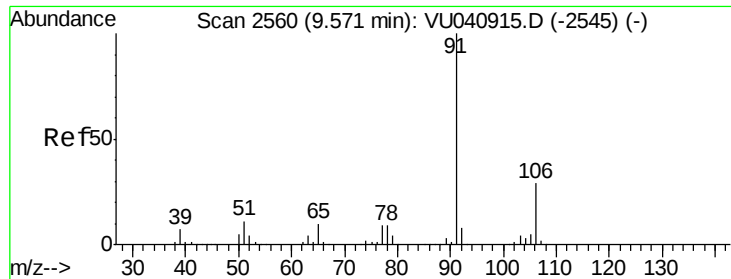
201 68.7 52.6 78.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

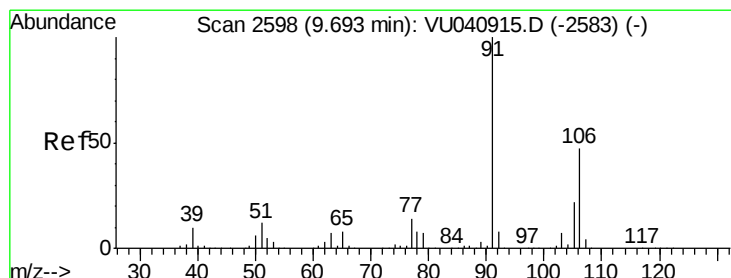
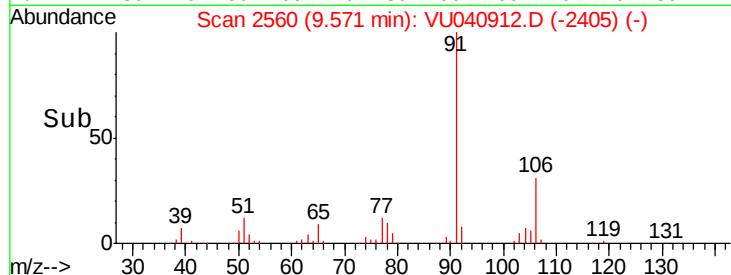
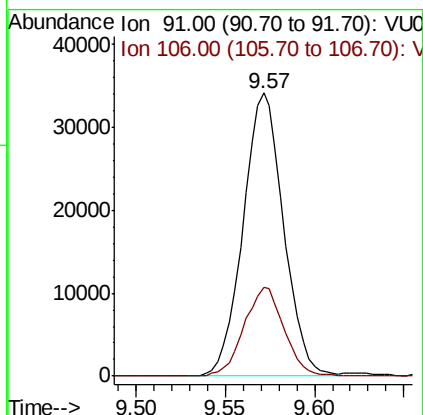
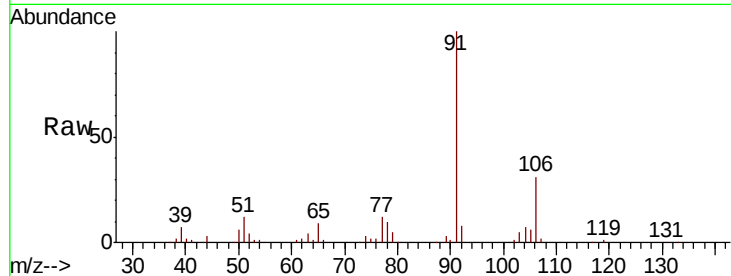




#63
Ethyl Benzene
Concen: 0.797 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

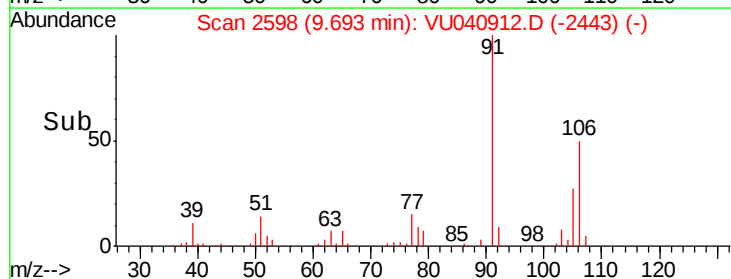
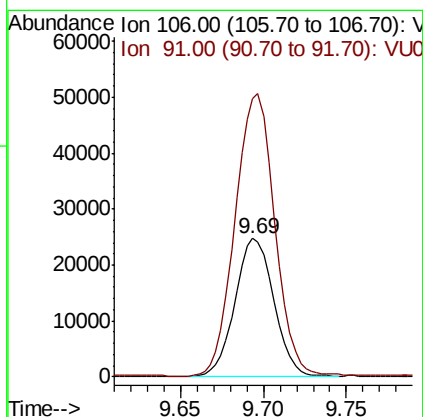
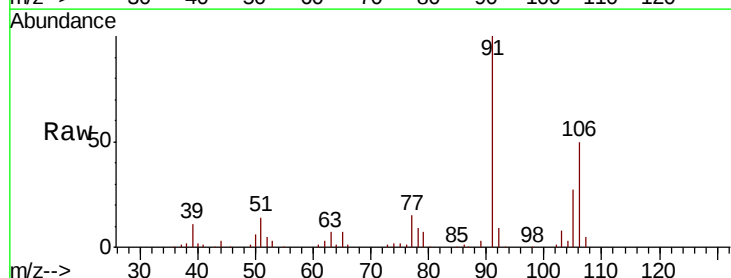
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

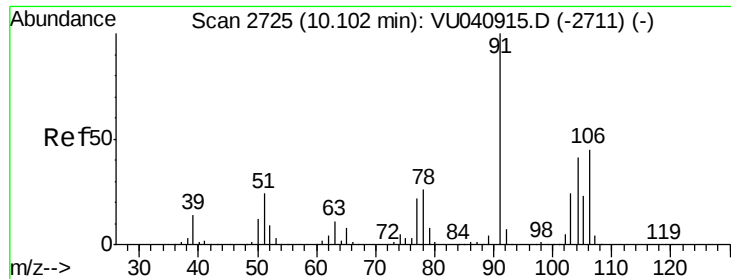
Tot Ion: 91 Resp: 54197
Ion Ratio Lower Upper
91 100
106 31.3 23.5 35.3



#64
m/p-Xylenes
Concen: 1.583 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 106 Resp: 40498
Ion Ratio Lower Upper
106 100
91 207.6 168.3 252.5

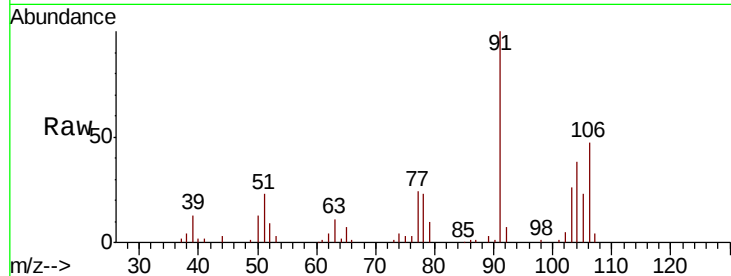




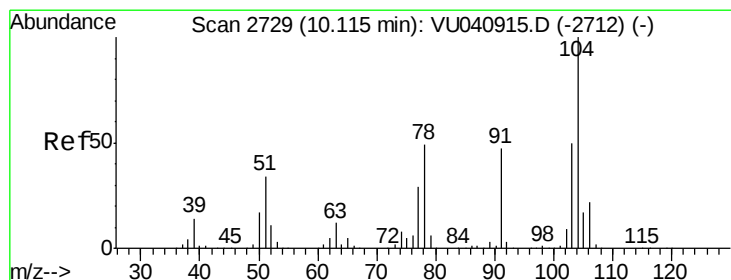
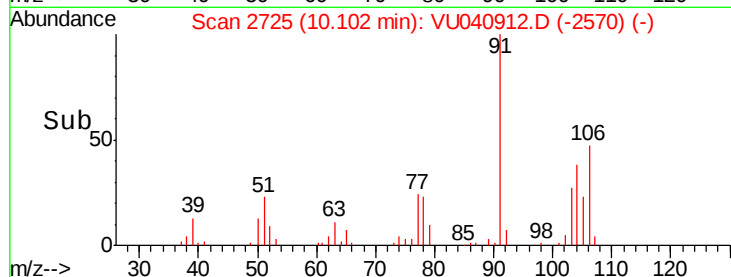
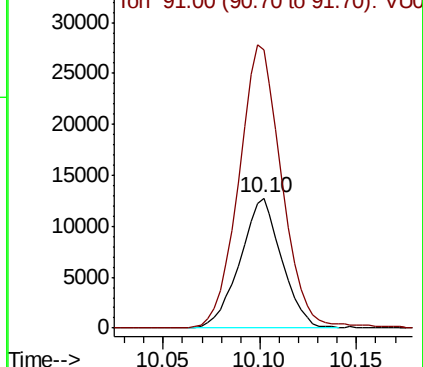
#65
o-Xylene
Concen: 0.778 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 19050
Ion Ratio Lower Upper
106 100
91 225.3 111.3 333.9

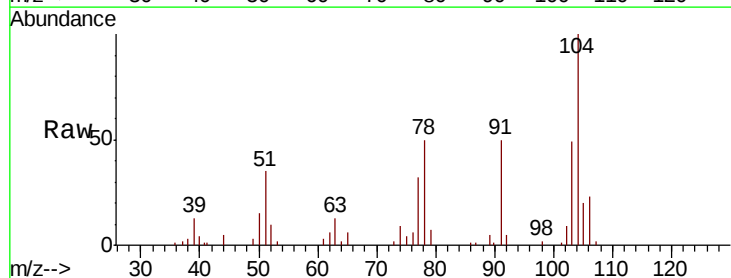


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

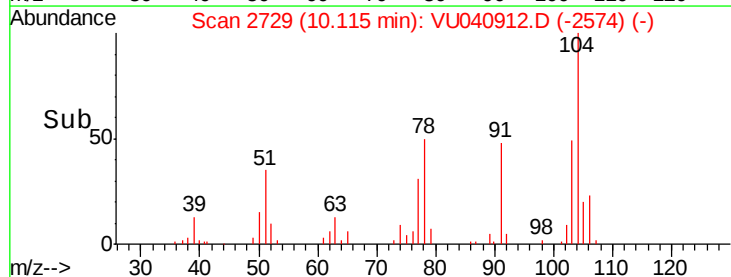
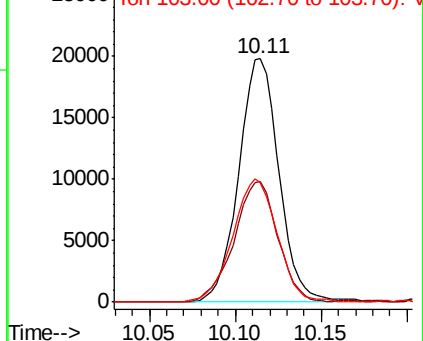


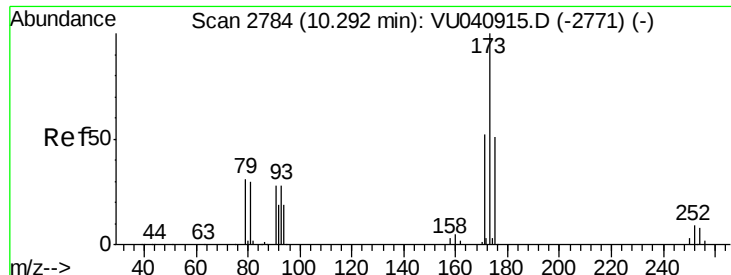
#66
Styrene
Concen: 0.746 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion:104 Resp: 32153
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 56.1 43.1 64.7



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

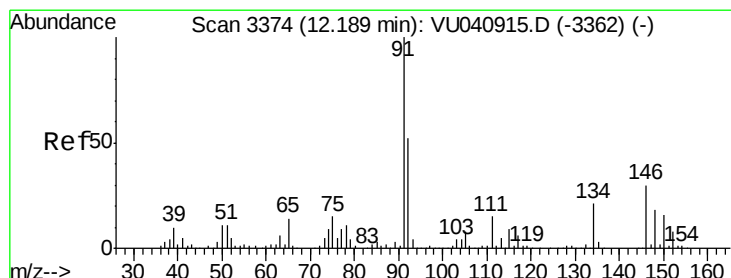
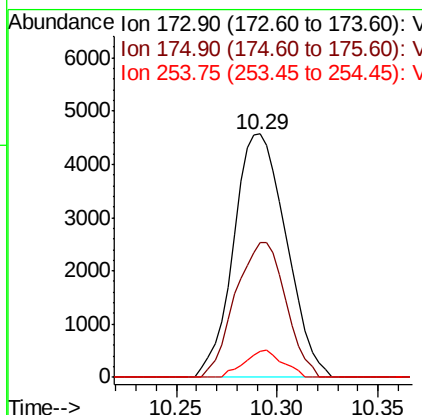
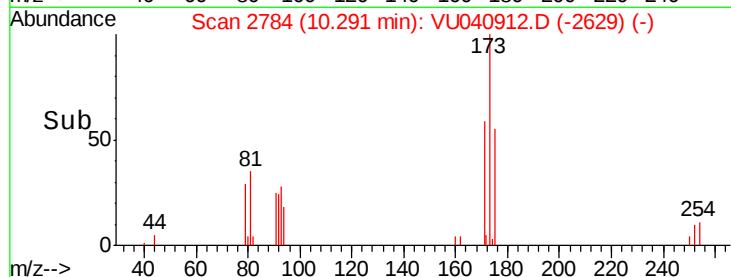
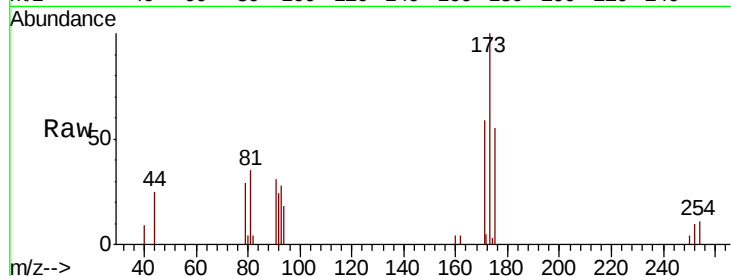




#67
Bromoform
Concen: 1.067 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

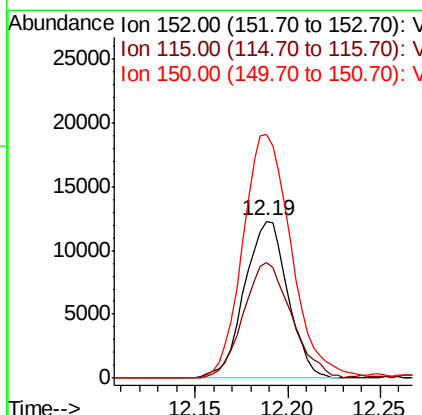
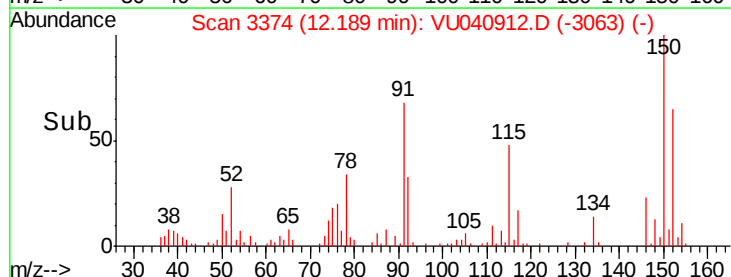
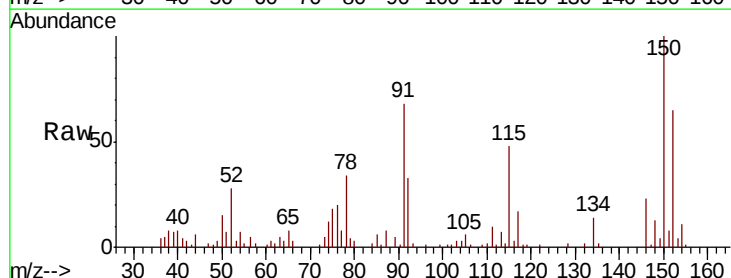
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

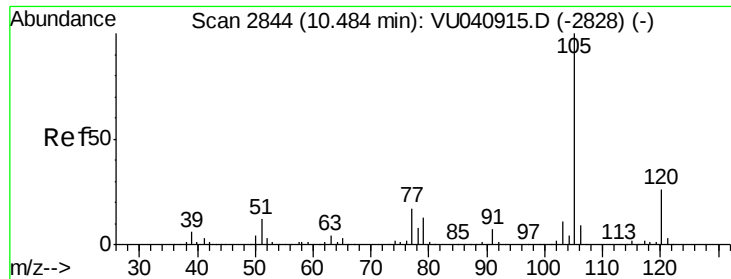
Tot Ion:173 Resp: 8321
Ion Ratio Lower Upper
173 100
175 53.2 39.0 58.4
254 8.3 6.6 9.8



#68
1,2-Dichlorobenzene-d4
Concen: 0.968 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion:152 Resp: 19953
Ion Ratio Lower Upper
152 100
115 81.7 0.0 323.4
150 173.9 0.0 653.8





#69

Isopropylbenzene

Concen: 0.781 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

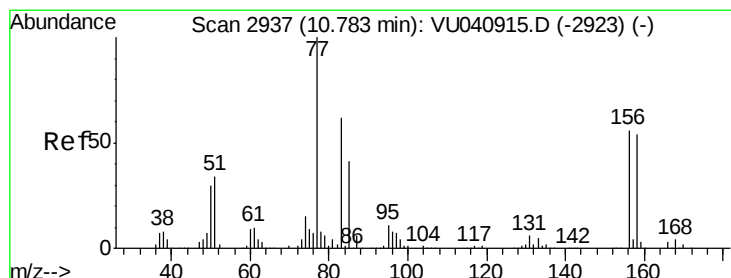
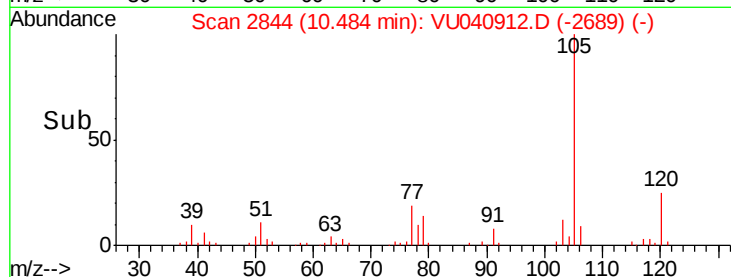
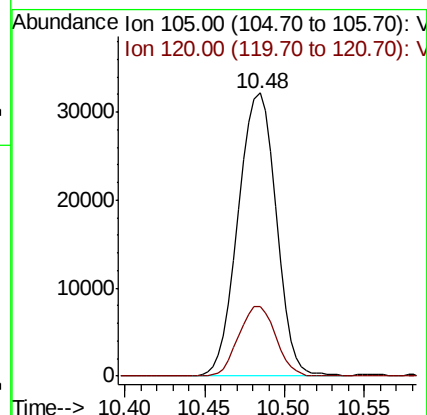
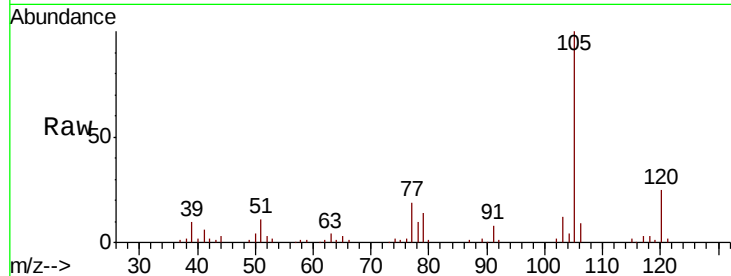
VSTDIC001

Tot Ion:105 Resp: 52253

Ion Ratio Lower Upper

105 100

120 23.8 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.102 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

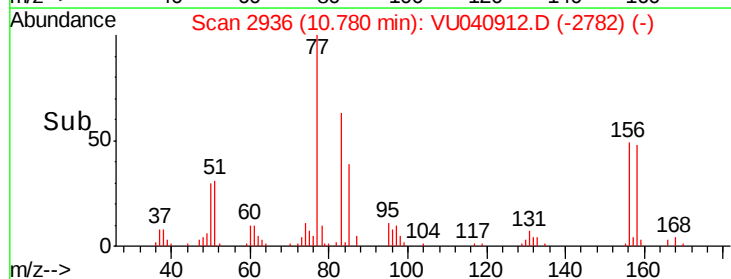
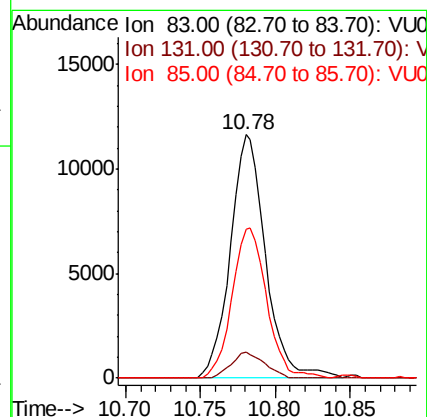
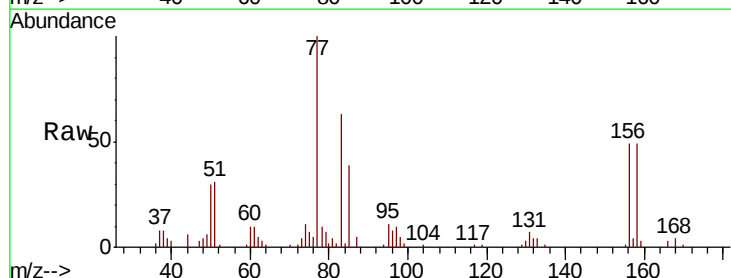
Tgt Ion: 83 Resp: 19036

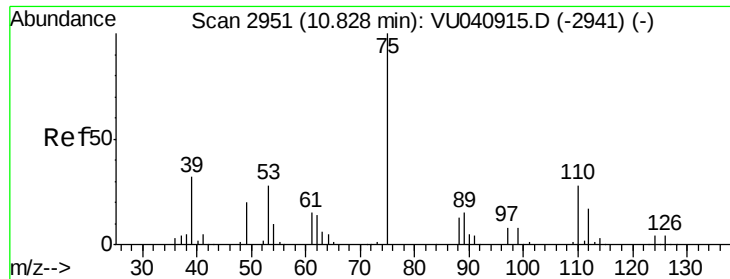
Ion Ratio Lower Upper

83 100

131 10.0 7.1 10.7

85 60.7 51.8 77.6

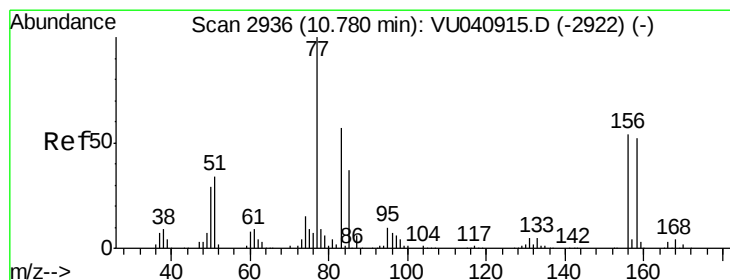
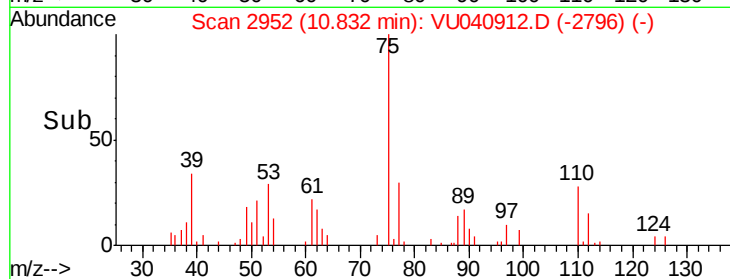
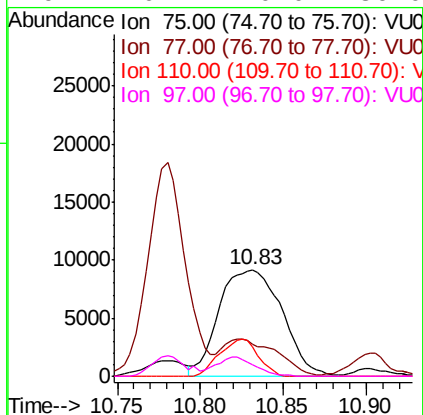
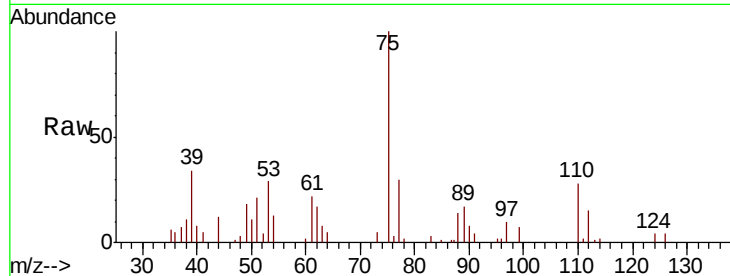




#71
 1,2,3-Trichloropropane
 Concen: 1.829 ug/l
 RT: 10.83 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

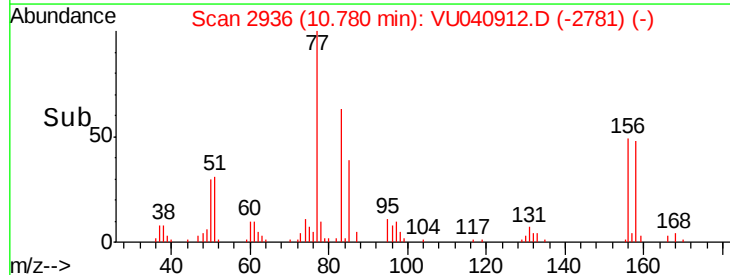
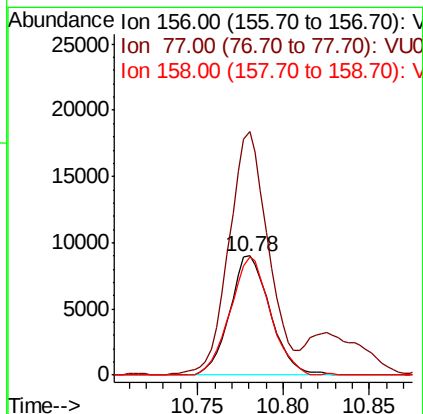
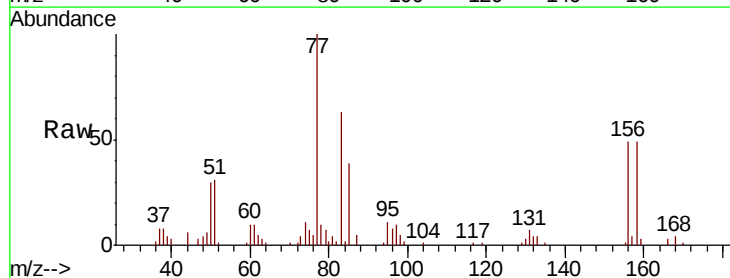
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

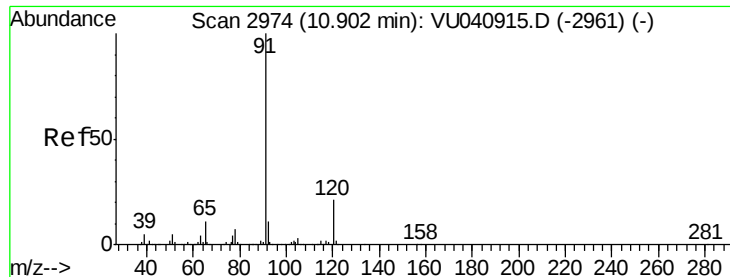
Tot Ion:	75	Resp:	24272
Ion	Ratio	Lower	Upper
75	100		
77	29.7	0.0	110.8
110	21.3	0.0	73.4
97	10.7	0.0	36.0



#72
 Bromobenzene
 Concen: 0.928 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion:	156	Resp:	14719
Ion	Ratio	Lower	Upper
156	100		
77	198.1	0.0	370.2
158	98.4	0.0	193.2





#73

n-propylbenzene

Concen: 0.755 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

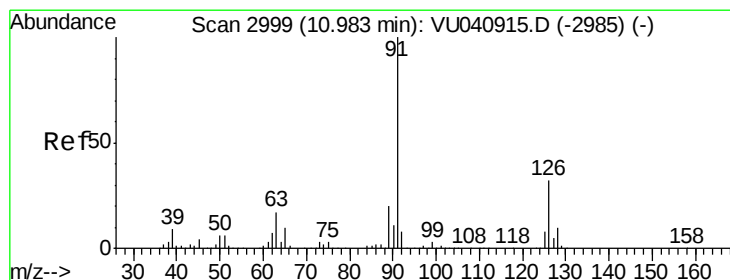
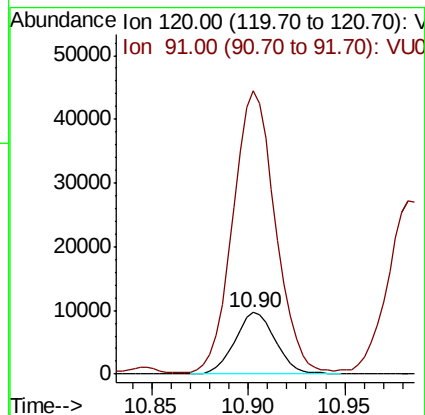
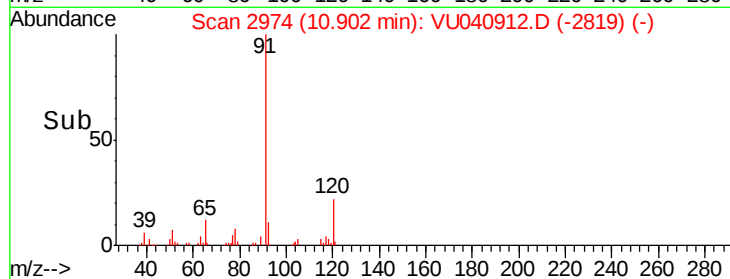
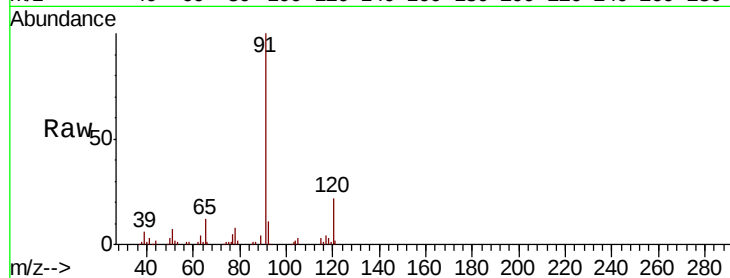
VSTDIC001

Tot Ion:120 Resp: 14049

Ion Ratio Lower Upper

120 100

91 481.8 370.8 556.2



#74

2-Chlorotoluene

Concen: 0.889 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040912.D

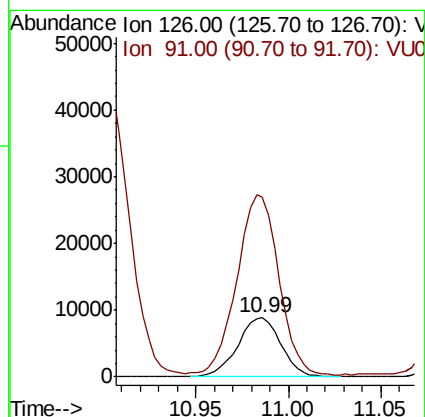
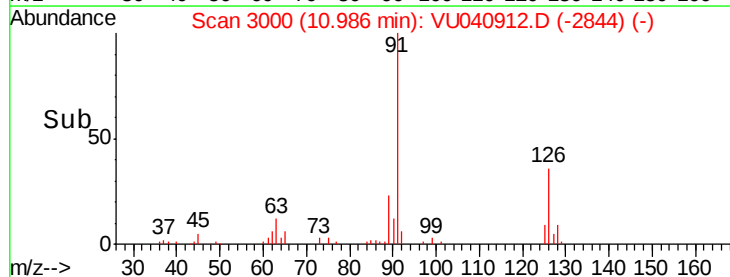
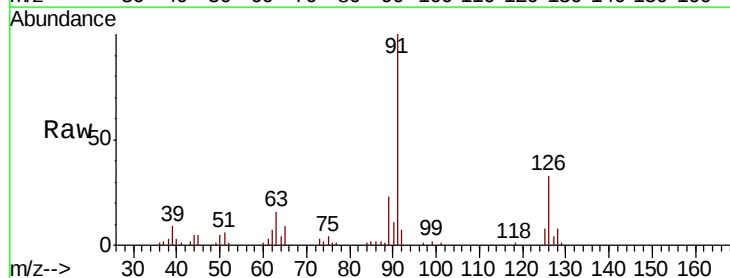
Acq: 22 Oct 2020 19:03

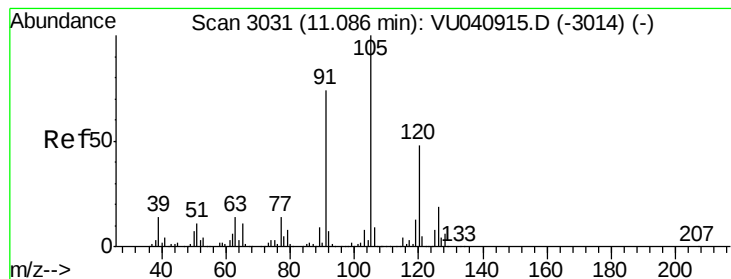
Tgt Ion:126 Resp: 14432

Ion Ratio Lower Upper

126 100

91 296.2 0.0 633.2





#75

1,3,5-Trimethylbenzene

Concen: 0.728 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

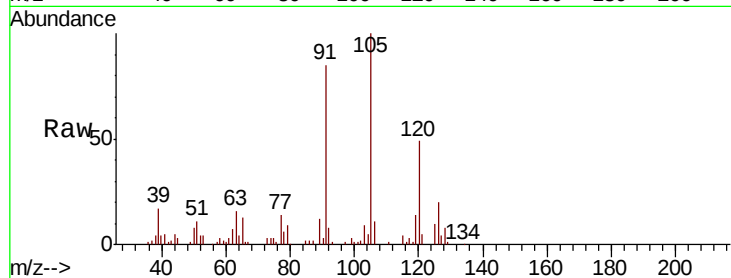
VSTDIC001

Tot Ion:105 Resp: 42756

Ion Ratio Lower Upper

105 100

120 49.2 38.7 58.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.09

30000

25000

20000

15000

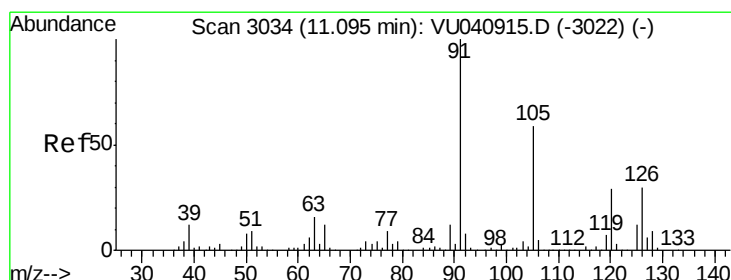
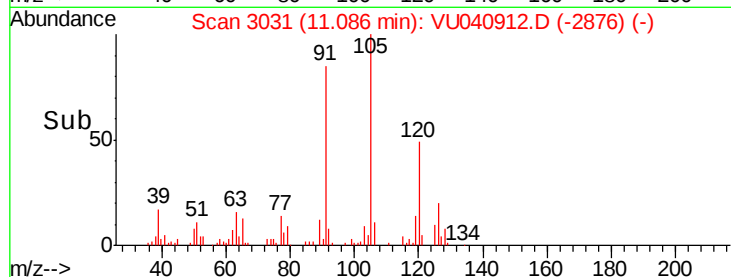
10000

5000

0

Time-->

11.05 11.10 11.15



#76

4-Chlorotoluene

Concen: 0.801 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040912.D

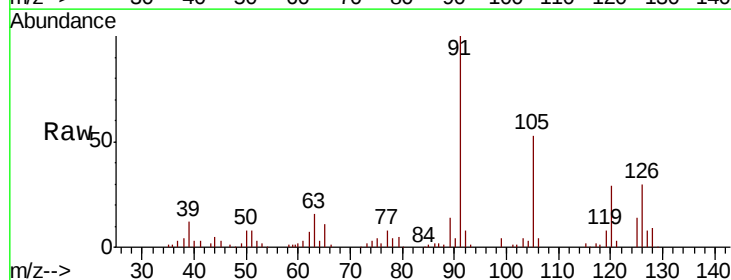
Acq: 22 Oct 2020 19:03

Tgt Ion:126 Resp: 13986

Ion Ratio Lower Upper

126 100

91 347.6 0.0 730.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.10

30000

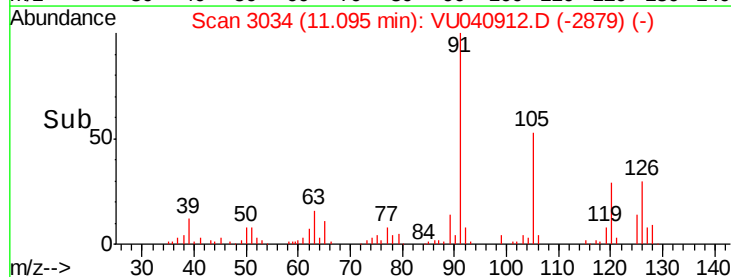
20000

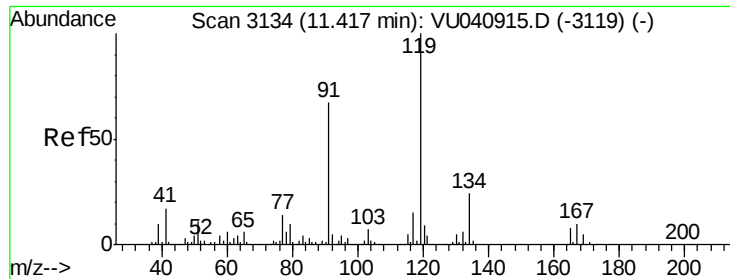
10000

0

Time-->

11.05 11.10 11.15

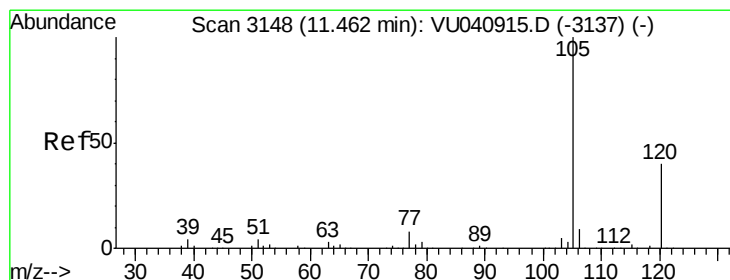
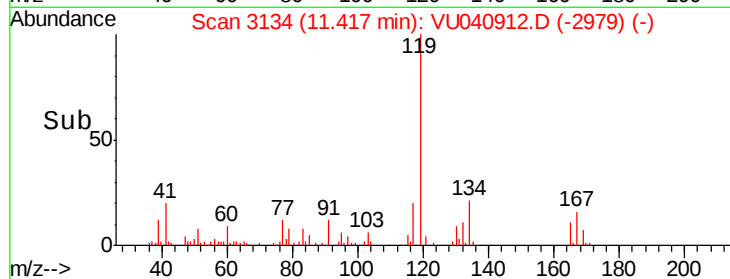
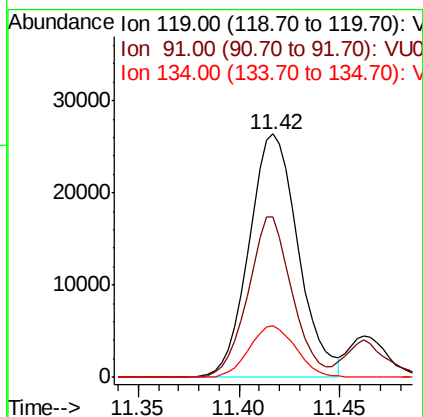
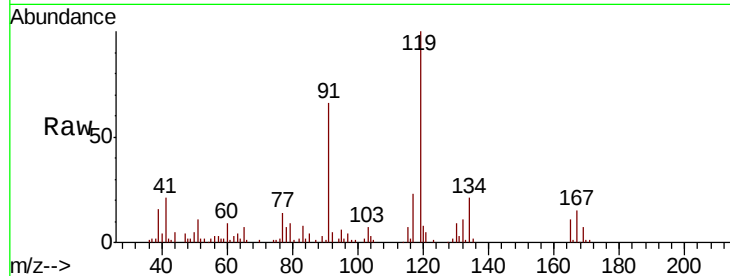




#77
 tert-Butylbenzene
 Concen: 0.822 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

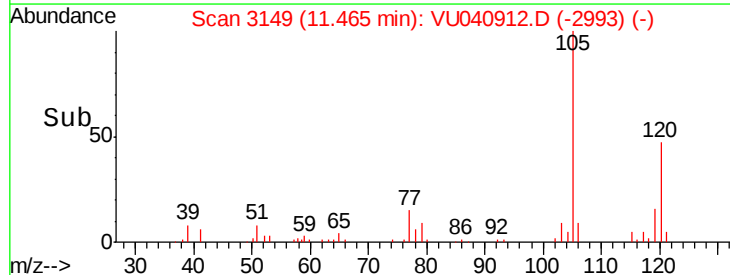
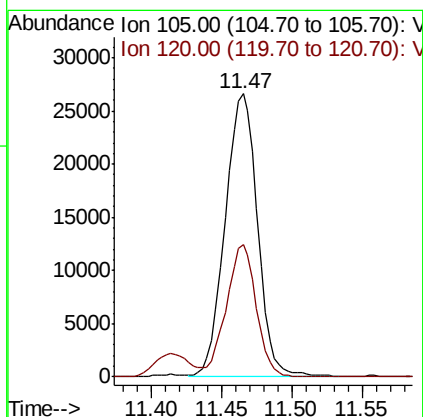
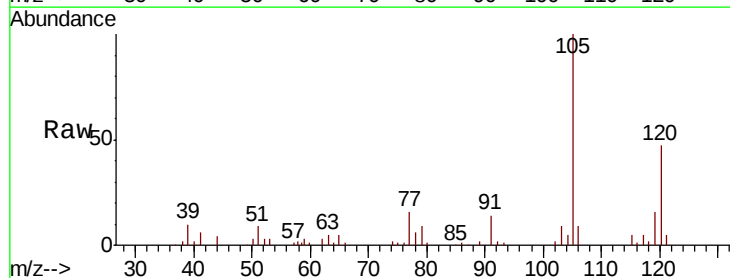
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

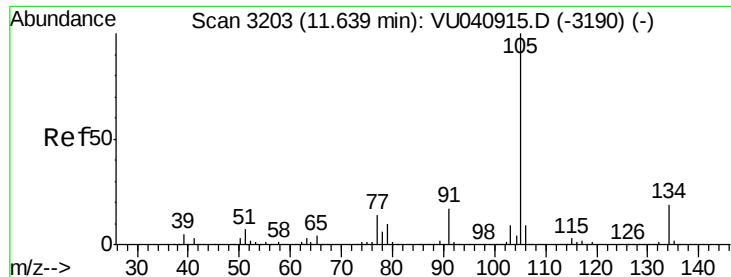
Tot Ion:119 Resp: 44975
 Ion Ratio Lower Upper
 119 100
 91 58.9 32.0 96.2
 134 20.0 18.4 27.6



#78
 1,2,4-Trimethylbenzene
 Concen: 0.692 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion:105 Resp: 42687
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.6 67.8

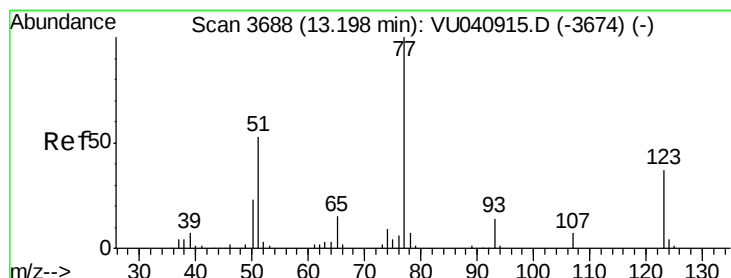
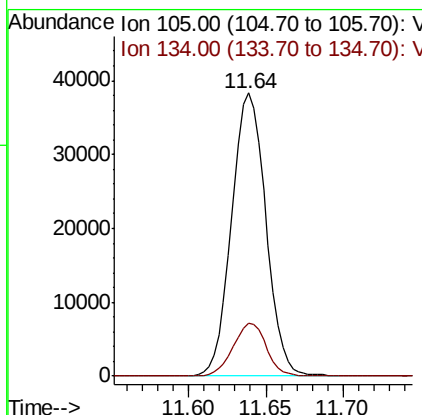
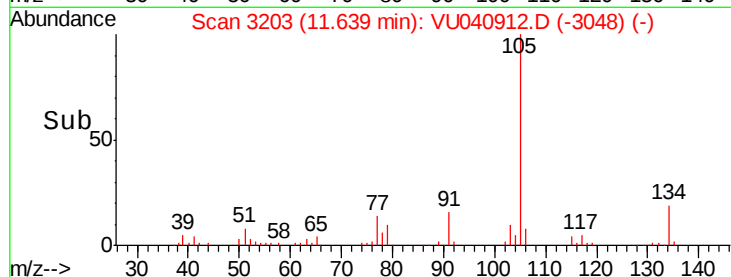
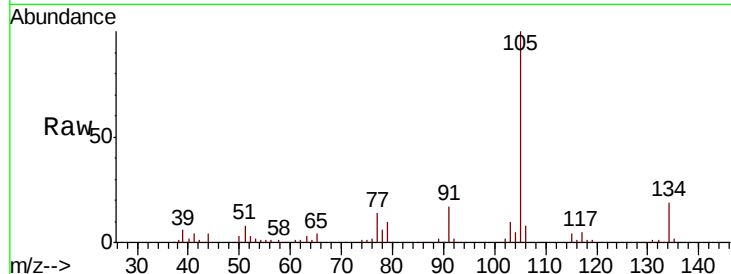




#79
 sec-Butylbenzene
 Concen: 0.746 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

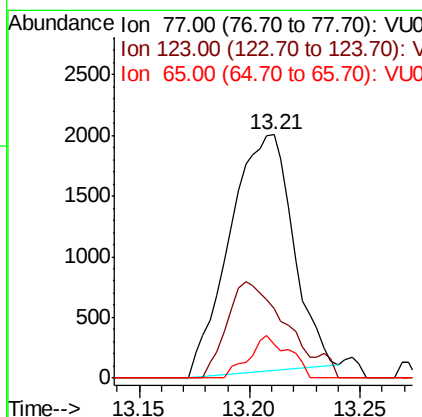
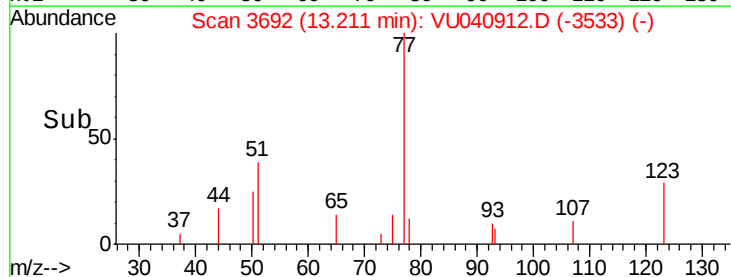
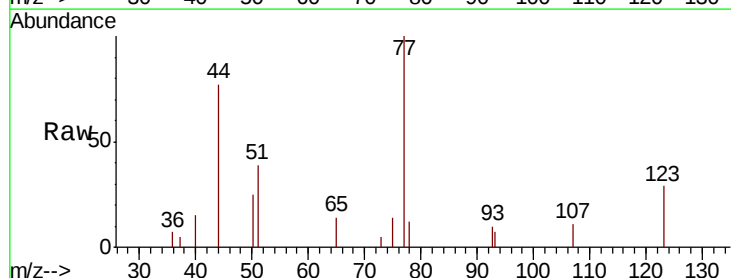
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

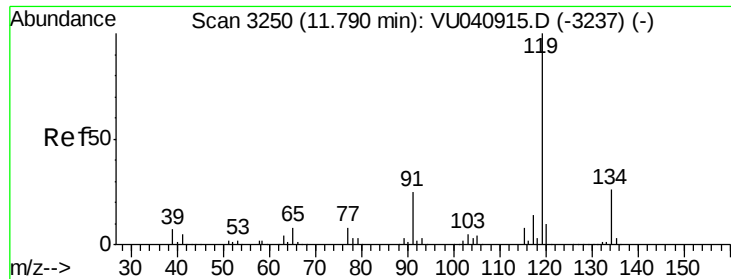
Tot Ion: 105 Resp: 58791
 Ion Ratio Lower Upper
 105 100
 134 18.2 15.4 23.0



#80
 Nitrobenzene
 Concen: 5.417 ug/l
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.01 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion: 77 Resp: 3876
 Ion Ratio Lower Upper
 77 100
 123 38.7 16.8 59.4
 65 11.3 11.0 14.0

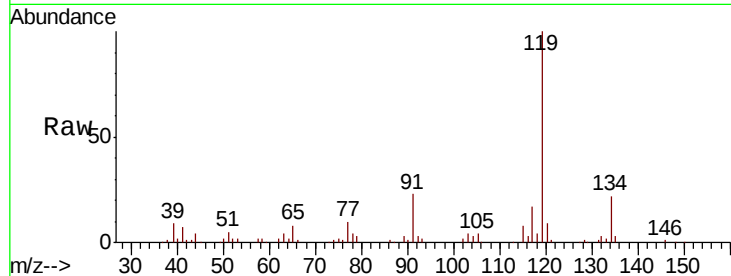




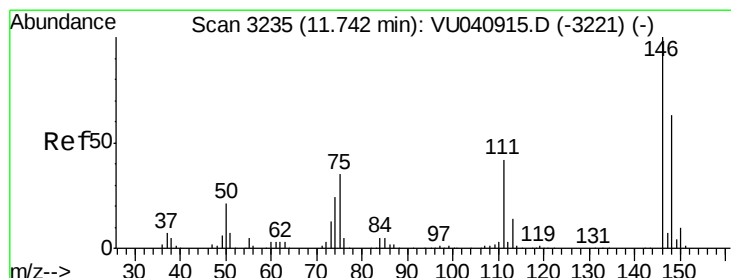
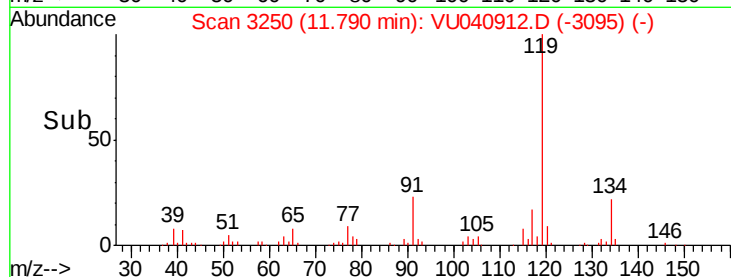
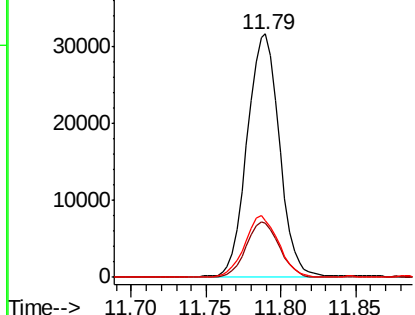
#81
p-Isopropyltoluene
Concen: 0.757 ug/l
RT: 11.79 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:119 Resp: 47851
Ion Ratio Lower Upper
119 100
134 23.3 20.4 30.6
91 26.3 20.4 30.6

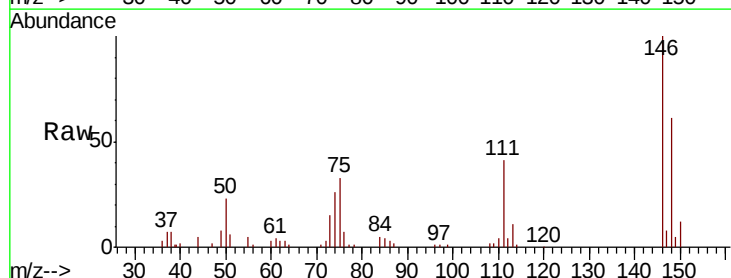


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

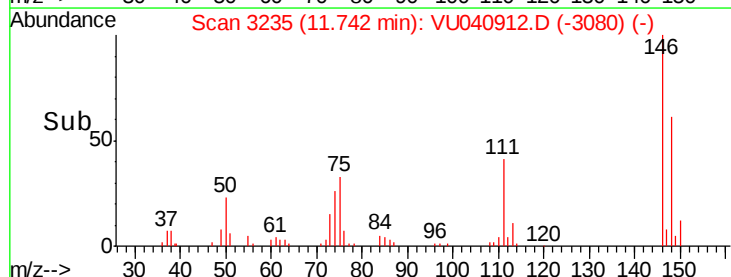
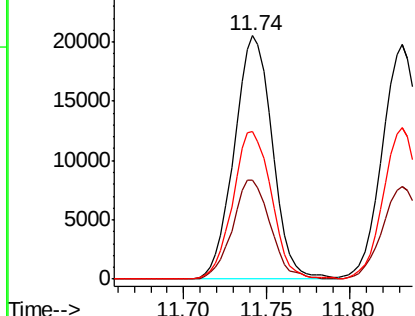


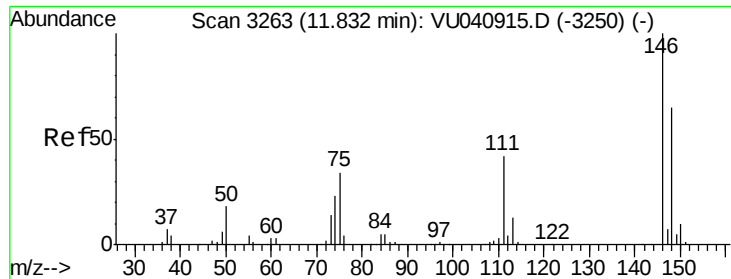
#82
1,3-Dichlorobenzene
Concen: 0.948 ug/l
RT: 11.74 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion:146 Resp: 32886
Ion Ratio Lower Upper
146 100
111 40.3 33.6 50.4
148 61.4 50.1 75.1



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

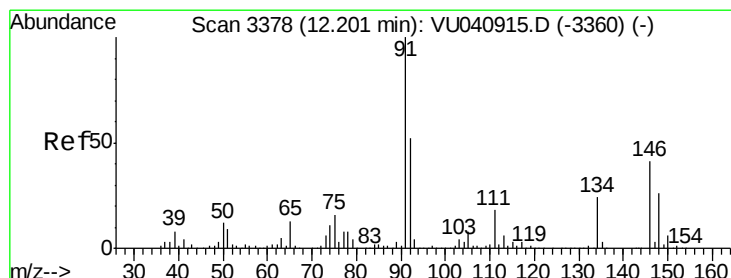
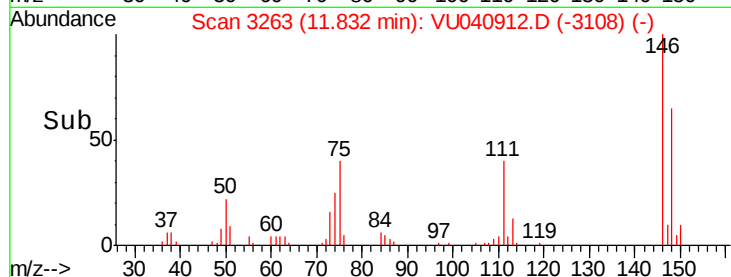
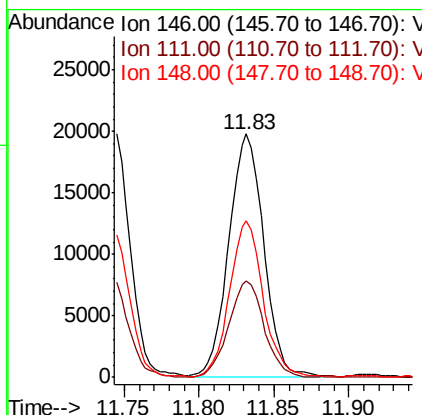
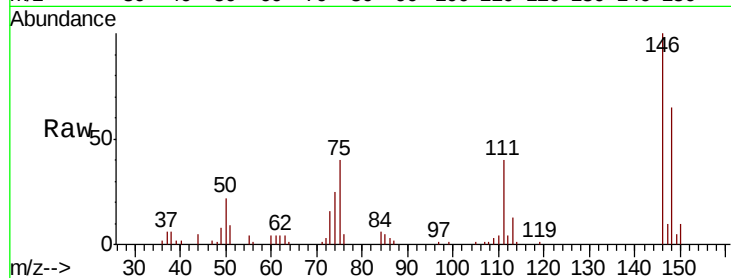




#83
 1,4-Dichlorobenzene
 Concen: 0.941 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

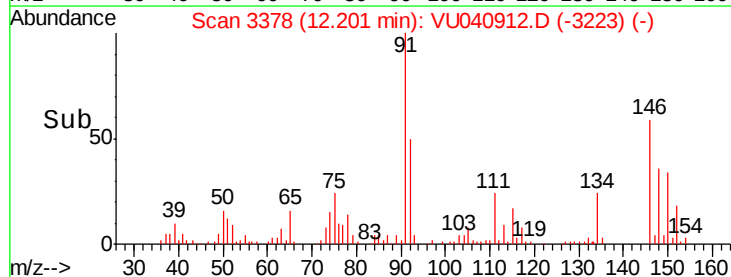
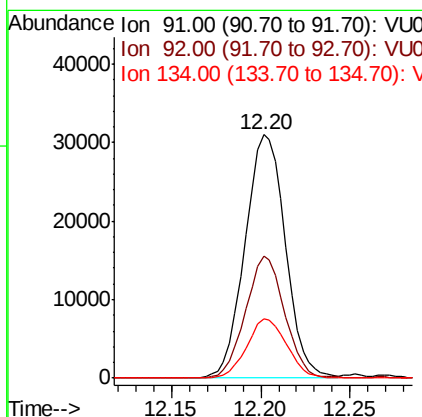
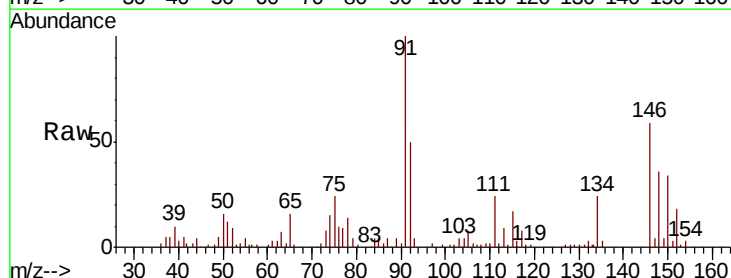
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

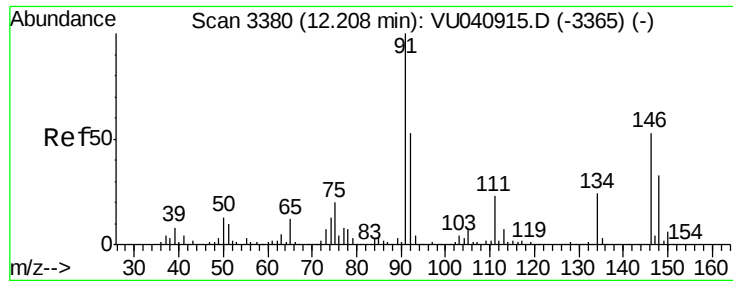
Tot Ion:146 Resp: 32377
 Ion Ratio Lower Upper
 146 100
 111 39.7 33.7 50.5
 148 61.6 50.6 75.8



#84
 n-Butylbenzene
 Concen: 0.762 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion: 91 Resp: 49123
 Ion Ratio Lower Upper
 91 100
 92 48.3 41.7 62.5
 134 23.9 18.6 28.0

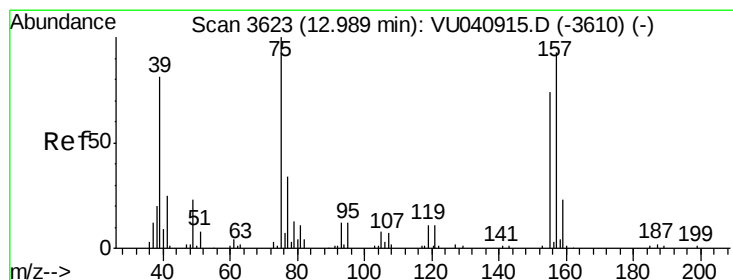
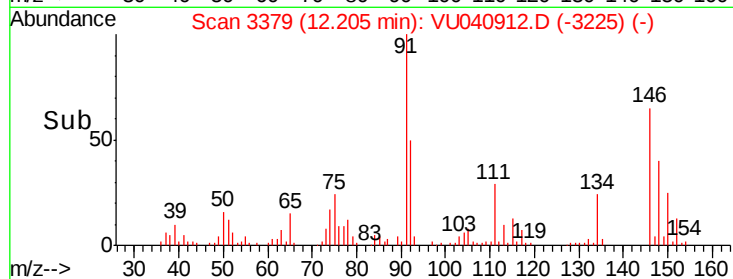
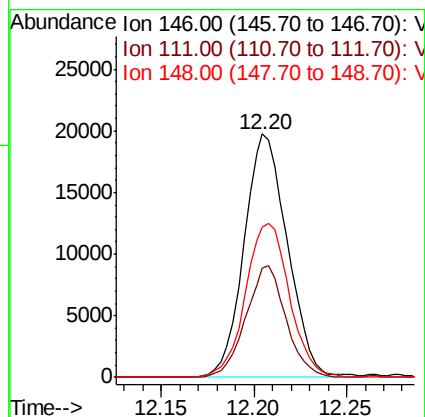
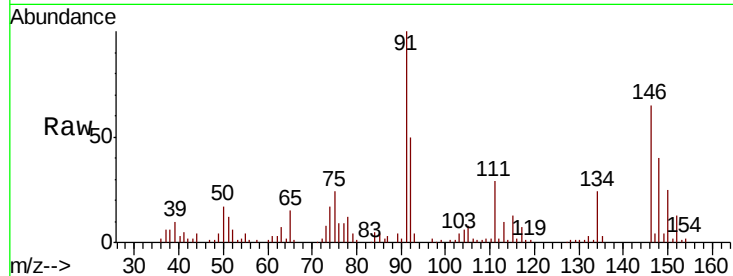




#85
 1,2-Dichlorobenzene
 Concen: 0.962 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

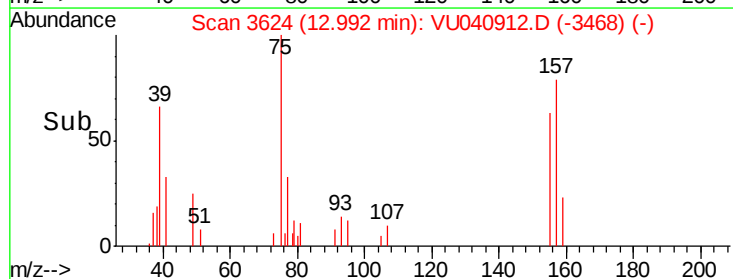
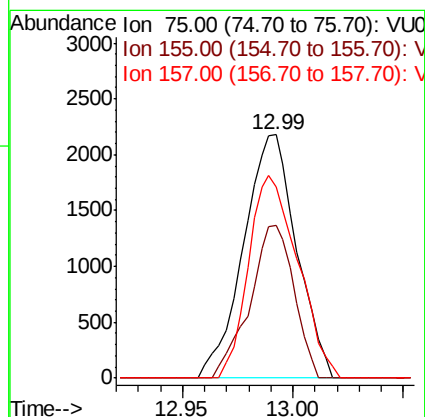
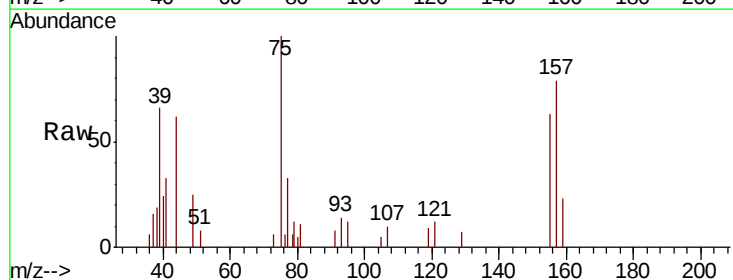
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

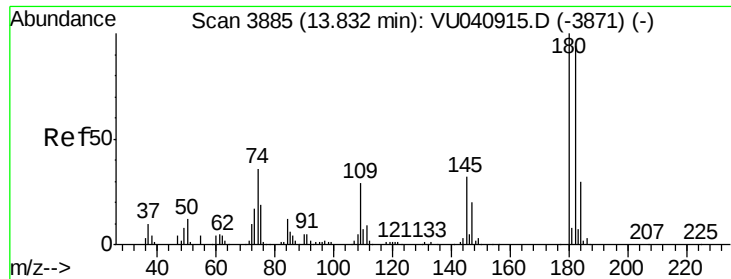
Tot Ion:146 Resp: 32069
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.3 66.9
 148 64.2 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.148 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion: 75 Resp: 3636
 Ion Ratio Lower Upper
 75 100
 155 52.3 57.1 85.7#
 157 77.2 72.4 108.6

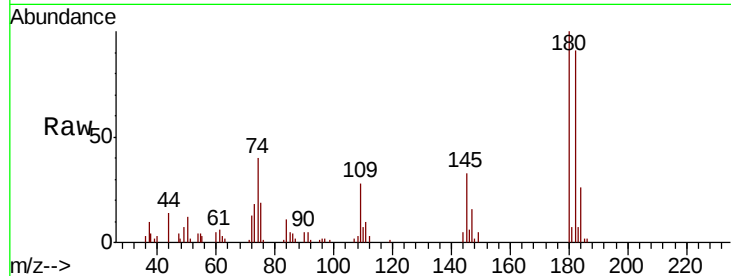




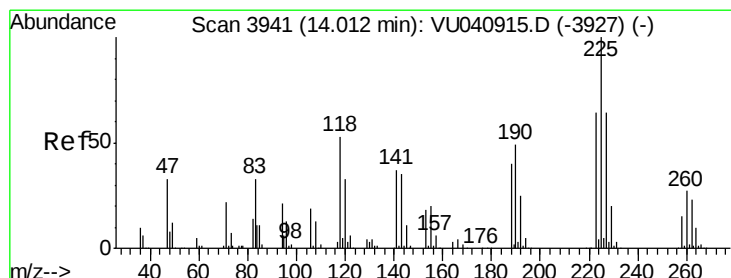
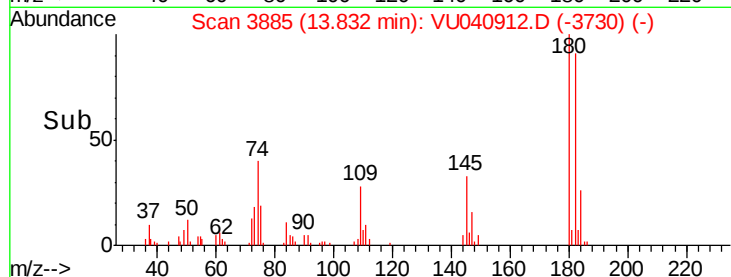
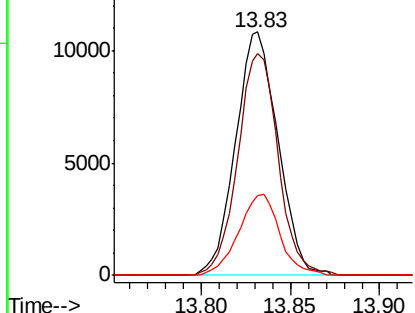
#87
 1,2,4-Trichlorobenzene
 Concen: 0.931 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.8	75.4	113.2
145	32.3	25.4	38.0

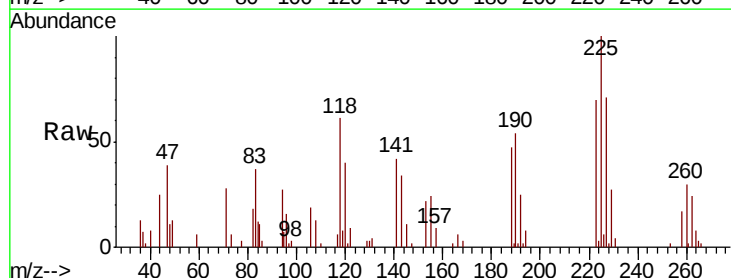


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

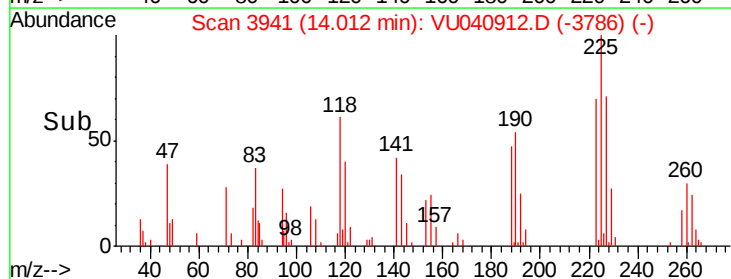
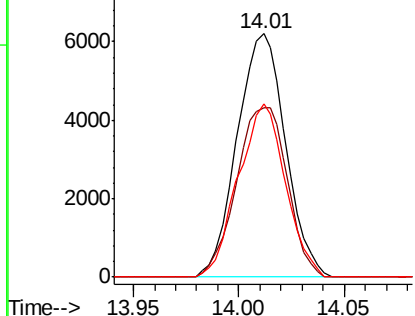


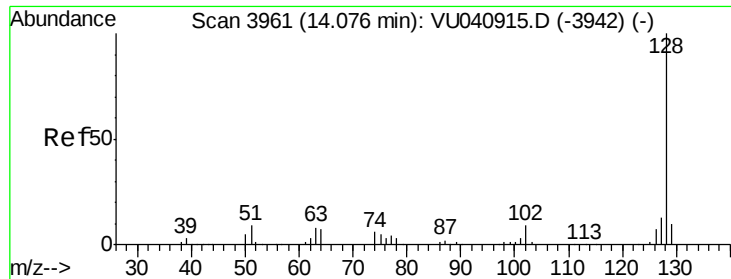
#88
 Hexachlorobutadiene
 Concen: 0.982 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	73.0	49.9	74.9
227	69.4	51.1	76.7



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: 0.773 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

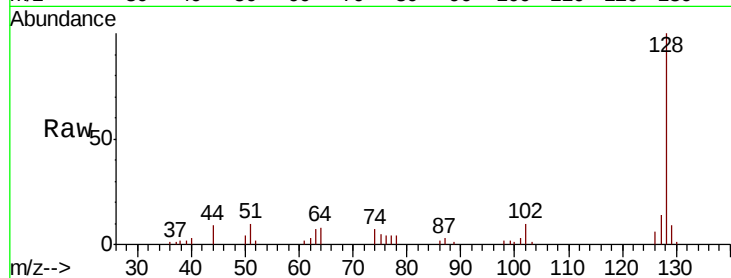
Tot Ion:128 Resp: 29039

Ion Ratio Lower Upper

128 100

127 14.9 10.7 16.1

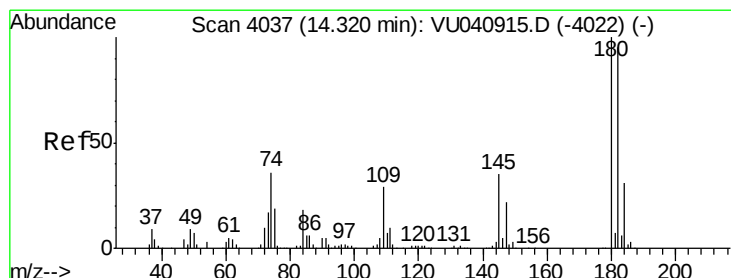
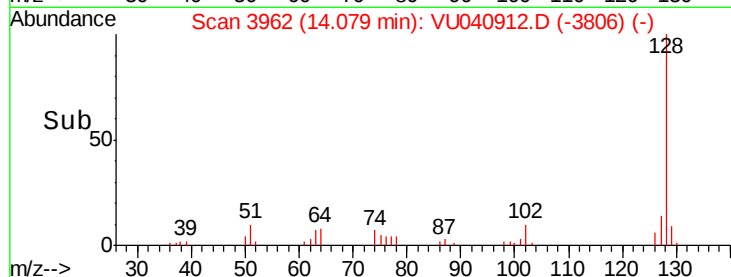
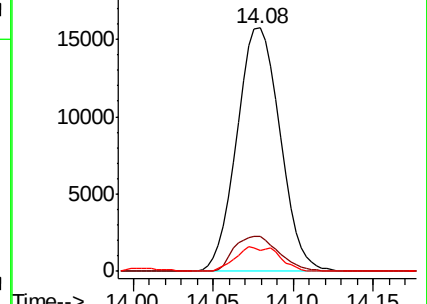
129 9.9 8.6 13.0



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: 0.935 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

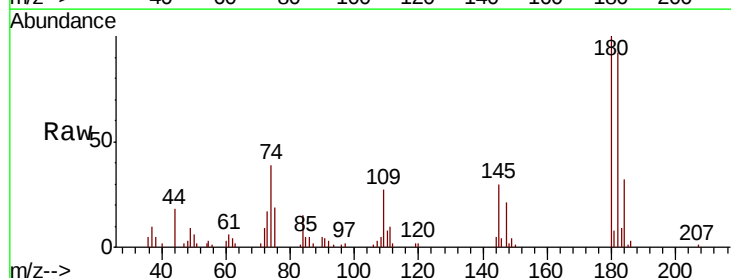
Tgt Ion:180 Resp: 17063

Ion Ratio Lower Upper

180 100

182 91.5 76.0 114.0

145 28.7 28.0 42.0



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

